



AGENDA

PUBLIC WORKS COMMISSION CITY OF HUNTINGTON BEACH

Wednesday, June 19, 2013 – 3:00 PM

Utilities Yard

19021 Huntington Street
Huntington Beach, CA 92648

A. PLEDGE OF ALLEGIANCE

ROLL CALL

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

B. 3:00 PM – TOUR OF UTILITIES YARD BOOSTER STATION RECESS MEETING TO 3:35 PM – INTERSECTION OF KEELSON LANE AND SLATER AVENUE

3:35 PM – RECONVENE MEETING AT INTERSECTION OF KEELSON LANE AND
SLATER AVENUE

RECESS MEETING TO 4:00 PM AT SLATER FLOOD CONTROL STATION
(INTERSECTION OF SLATER AVENUE AND GRAHAM STREET)

3:55 PM – RECONVENE MEETING AT SLATER FLOOD CONTROL STATION
RECESS MEETING TO 5:00 AT UTILITIES YARD, 19021 HUNTINGTON STREET

5:00 PM – RECONVENE REGULAR MEETING FOR BUSINESS AT THE UTILITIES YARD

C. PRESENTATIONS-COMMENDATIONS

D. MINUTES

D-1. Minutes of May 15, 2013

E. 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.

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F. DIRECTOR'S ITEMS

G. INFORMATION ITEMS

G-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.

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

H. ADMINISTRATIVE ITEMS

H-1. Fiscal Year 2012/13 Sewer Lining Project, CC-1444- Plans and Specifications for the Sewer Lining Project, CC-1444, are in final preparation. Staff requests recommended action to proceed with the bidding process. .

Funding Source: Funds in the amount of \$200,000 are budgeted in the Sewer Service Fund, Account No. 51189002.

Recommended Action: Motion to approve that the Sewer Lining Project, CC-1444, is in general conformance with the previously approved Capital Improvement Program.

H-2. Edinger Avenue Bicycle Path, CC-1447- Plans and specifications for the Edinger Ave. Bicycle Path, CC-1447 are in final preparation. Staff is seeking support for the project and the initiation of the competitive bid process.

Funding Source: Funds are budgeted in the Edinger Parkway Account No. 21390022. Seventy-five percent of eligible construction costs will be reimbursed to the City through Federal Transit Authority (FTA) grant funds up to a maximum \$192,330.

Recommended Action: Motion to approve that the Edinger Ave. Bicycle Path, CC-1447, is in general conformance with the previously approved CIP.

H-3. Slater Pump Station Maintenance Road Rehabilitation, CC-1445- Plans and Specifications for Slater Pump Station Maintenance Road Rehabilitation, CC-1445 are in final preparation. Staff requests recommendation of the project to the City Council.

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Funding Source: Funds in the amount of \$150,000 is budgeted in the Capital Improvement Reserve Account No. 10040314.82800. The engineers cost estimate for the project is \$130,000.

Recommended Action: Motion to approve that the Slater Pump Station Maintenance Road Rehabilitation Project, CC-1445., is in general conformance with the previously approved CIP.

- H-4. FY 2013/2014 Capital Improvement Program- The proposed FY 2013/14 Capital Improvement Program (CIP) is presented for approval.

Funding Source: As indicated in the CIP detail sheets.

Recommended Action: Motion to recommend to the City Council the Fiscal Year 2013/14 Capital Improvement Program.

- I. **WRITTEN COMMUNICATIONS**
- J. **COMMISSION AND STAFF COMMENTS**
- K. **ADJOURNMENT**

<p>NEXT PUBLIC WORKS COMMISSION MEETING <i>July 17, 2013, 5:00 PM, Utilities Yard</i></p>
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MINUTES

CITY OF HUNTINGTON BEACH PUBLIC WORKS COMMISSION MAY 15, 2013

**Call to Order/
Pledge of Allegiance:** The meeting was called to order at 5:00 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 McGovern, Berge, Brenden, Carr, Cook, Hart and Thomas were in attendance.

Others Present: Travis Hopkins, Director of Public Works
Tom Herbel, City Engineer
Ken Dills, Project Manager
Denny Bacon, Maintenance Operations Manager
Lili Hernandez, Civil Engineering Assistant
Jim Wagner, Senior Civil Engineer
Andrew Ferrigno, Senior Civil Engineer
Todd Broussard, Principal Civil Engineer
Brian Ragland, Utilities Manager
Joan Flynn, City Clerk
Bill Janusz, Principal Civil Engineer
Kirsty Wapner, Administrative Assistant
Sanjay Gaur, Raftelis Financial Consultants

B. PRESENTATIONS-COMMENDATIONS

- B-1. City Clerk, Joan Flynn, administered the oath of office to Commissioner Patrick Brenden.
- B-2. Travis Hopkins welcomed the new member of the Public Works Commission. Each Commissioner provided a brief personal background.

C. MINUTES

- C-1. Motion by Commissioner Hart, seconded by Commissioner Berge to approve the minutes of April 17, 2013 as presented.

VOTE: The motion carried.
AYES: 6

NOES: 0
ABSENT: 0
ABSTENTIONS: 1 (Brenden)

D. ORAL COMMUNICATIONS

None.

E. DIRECTOR'S ITEMS

Travis Hopkins reported staff is planning the tour in June, which will be part of the agenda. The tour is typically from 3:00-5:00 PM and the regular meeting will reconvene thereafter. Mr. Hopkins mentioned possible stops on the tour including a tree petition, storm drain pump station and reservoir. It is tentatively planned to meet at the Utilities Yard at 3:00 PM for the tour on June 19. The draft CIP may be distributed then as well. Staff plans to finalize the CIP in July.

The Finance Department will attend a future PWC meeting to discuss the 15% infrastructure calculation rate.

Tom Herbel is currently working on the budget process. The department budget is at a level fund, with no decreases this year.

F. INFORMATION ITEMS

F-1. Upcoming City Council Study Sessions – Travis Hopkins presented the schedule of upcoming City Council Study Sessions. He noted the Conservation (Tiered) Water Rates may be going to Study Session on June 17. The Senior Center Study Session item may be moved from July 1 to July 15. The CIP Budget will be brought to Study Session on August 5.

F-2. Active Capital Project Report – Tom Herbel provided updates on the capital project report. The Bridge Rehabilitation BPMP Program was approved by the Coastal Commission and is moving forward. The Goldenwest (Yorktown to PCH) and Garfield (Magnolia to Bushard) project was awarded and construction begins within the next few weeks. This should be done relatively quickly with as little interference as possible. The completion date is set for November. The Edinger Parkway Path will be brought to the PWC next month. The Hanover Lane Rehab project was awarded. Keelson Lane Rehab is out to bid and should receive bids next week. The Residential Pavement Rehab Zone 7 project is going to the City Council for approval next month. Slater Channel Improvements is in the final stages of design and will come to PWC next month. The City Hall ADA Phase I and Phase II should be complete within 2-3 weeks. The final punch list has been given to the contractors. Central Park Parking Lot is out to bid. Lambert Park Slope Repair was awarded and construction should

begin very soon. The Sewer Lining Project will come to PWC next month. Water Main Replacement at Sunset Beach Area- Phase I and Phase II- Replacing water lines in Sunset Beach. The Water Fund is funding this. Phase 2 will have County funding. The City owns and maintains the water lines; the County maintained the roads prior to the annexation.

G. ADMINISTRATIVE ITEMS

G-1. Sunset Beach Water Main Replacement and Alley Repaving Project, Phase 2, CC-1429- Travis Hopkins introduced Lili Hernandez to report. Hernandez reported Phase I is near completion. A town hall meeting was held a few weeks ago and positive feedback was received from the community. Phase 2 includes 8 alleys and replacing water facilities and 9 alley roads. Five fire hydrants will be constructed in Phase 2. Phase 1 included 2 fire hydrants. There currently are fire hydrants on PCH, but these are old and need to be upgraded. The Fire Department has also been involved. It is cost effective to package the project to include paving and the water facilities upgrades. Construction is set to begin after summer.

Motion by Vice Chair Cook, seconded by Commissioner McGovern, to approve the Sunset Beach Water Replacement and Paving Project is in general conformance with the previously approved CIP.

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

G-2. Lakeview Drive Sidewalk and Retaining Wall, CC-1441- Jim Wagner noted a correction in his report that was submitted in the PWC packet. The sidewalk was constructed in 1993; not 1973. There is a noticeable gap within the sidewalk; in some areas as much as 4 inches. This may be caused from erosion from the lake. Wagner noted this is a stabilization plan. Dowelling has been used for about five years and is used to create a thickened edge. This will be funded by the capital improvement reserve fund and is estimated at \$200,000.

Motion by Vice Chair Cook, seconded by Commissioner Hart to recommend to the City Council, approval of Lakeview Drive Sidewalk and Retaining Wall.

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

G-3. Warner Avenue Gravity Sewer (WAGS) and Lift Station C Project, CC-1370 – Andy Ferrigno reported this project was attempted in the past. The lift station will be constructed at the Yacht Club. Construction is set to begin in September. The total time of the project should last no more than one year, with the majority of the construction at the Yacht Club. Mr. Ferrigno stated the lift stations are nearing the end of their functional life and have had some structural failures. The plan is to have more aggressive equipment in the future with better lining and waterproof securities.

Motion by Vice Chair Cook, seconded by Commissioner Carr to approve the Warner Avenue Gravity Sewer and Lift Station C is in general conformance with the previously approved CIP.

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

G-4. Pavement Management Review Program- Todd Broussard presented a PowerPoint. The last major update to the Pavement Management Program was done in 2010. It was noted that OCTA does not give money for privately owned streets, as that is the responsibility of the HOAs. About \$1.3 million in the general fund goes to streets. The Zone Maintenance Program is used by the other divisions in Public Works, which aids in them working together. Commissioner Carr asked for a breakdown of the percentages of residential streets and their conditions. Mr. Broussard has a chart he can submit which presents this information. Commissioner Carr asked about the maintenance of the City's beach parking lot. Mr. Broussard stated that he is working on the cost estimate for the resurfacing of the parking lot.

Denny Bacon presented a PowerPoint. He noted Zone 4 was done last fiscal year and cost \$2.1 million dollars. Zone 7 is currently being worked on. Commissioner Brenden asked about the cost of repaving alleys. Mr. Hopkins stated staff can check but it is around \$18 million (or \$75,000 per alley). Grants require a 50% match.

G-5. Conservation (Tiered) Water Rates- Travis Hopkins introduced Sanjay Gaur, from Raftelis, to present on allocation based tiered water rates. A copy of the PowerPoint presentation has been attached with these minutes. The graphs presented, reflect information based on a single family residential customers. Commissioner Carr inquired about the City's current system. Staff noted the City is currently upgrading its financial system. The current billing system will not accommodate tiered water rates. The system is no longer supported and will need to be upgraded or replaced regardless of the rate structure. Vice Chair

Cook stated the Irvine Ranch Water District (IRWD) and Moulton Niguel Water District use a 5-tier system; not 4 tier. Cook asked for the analysis report of the findings in this presentation. She stated the goal is to conserve water. Commissioners stated they didn't have enough information to go forward at this time. McGovern recommended a subcommittee for this matter and recommends further education the community to further understand. He is in favor of the tiered rates. Cook suggested others visit the IRWD's website. It was noted IRWD has a severe penalty and they have the lowest water rates in Orange County. They also have an appeal process. Ken Dills noted that comparing water rates between agencies is difficult; IRWD and other water districts, for instance, receive property tax. San Clemente and San Juan Capistrano use seasons. Mr. Hopkins reported Huntington Beach could implement a program similar to IRWD's program and he would discuss with Fred Wilson.

H. WRITTEN COMMUNICATIONS

None.

I. COMMISSION AND STAFF COMMENTS

None.

J. ADJOURNMENT

The meeting adjourned at 8:00 PM to June 19, 2013 at 3:00 PM at the Utilities Yard.

Jennifer Thomas
Chairperson

Kirsty Wapner
Administrative Assistant



WATER BUDGET RATE STUDY

**RATE DESIGN WORKSHOP – PUBLIC
WORKS COMMISSION**

May 15, 2013



Agenda

1. Background of the Study
2. Water Budget Development
 1. Simplified Water Budget
 2. Full Water Budget
3. Nexus Requirements & Rate Calculations
 1. Simplified Water Budget Rates
 2. Full Water Budget Rates
4. Customer Impacts
5. Potential Implementation Costs of WB Rates

5/15/13 Water Budget Rate Study - Rate Design Workshop 2



Background of the Study

- Orange County Grand Jury report recommended water budget rate structure
- Regulatory conservation goals (SB x7-7)
- Grant eligibility tied to conservation rate compliance
- Heightened concerns for future water supply restrictions



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Water Budget Rate Study - Rate Design Workshop
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Water Rate Structure Evolution

Revenue Mechanism

Price Information

← Flat Rate

← Uniform Rate

Uniform Rate



City of Huntington Beach current water rates @ \$1.7535 / ccf

Uniform Rate: \$xx / ccf

Pros: Revenue stability, administrative ease, easy to understand

Cons: Weak conservation, not affordable for essential use



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Water Budget Rate Study - Rate Design Workshop
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Water Rate Structure Evolution

The diagram shows a vertical progression of four categories on the left, each with an arrow pointing to a corresponding rate structure box on the right:

- Revenue Mechanism:** Flat Rate
- Price Information:** Uniform Rate
- Behavior Change:** Seasonal Rate and Inclining Tiered Rate
- Water Resource Management:** Water Budget Rate

Inclining Tiered Rate:

Quantity	Unit Rate
0 - 10	\$1
10 - 20	\$1.5
20 - 30	\$2.5
30 - 50	\$5

Inclining Tiered Rate:
 Pros: Promote conservation, affordable for essential use, easy to administer, easy to understand
 Cons: Penalize large users

5/15/13 Water Budget Rate Study - Rate Design Workshop 5

Water Rate Structure Evolution

The diagram shows a vertical progression of four categories on the left, each with an arrow pointing to a corresponding rate structure box on the right:

- Revenue Mechanism:** Flat Rate
- Price Information:** Uniform Rate
- Behavior Change:** Seasonal Rate and Inclining Tiered Rate
- Water Resource Management:** Water Budget Rate

Water Budget Tiered Rate:

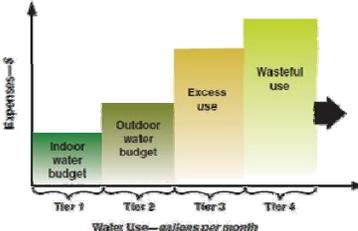
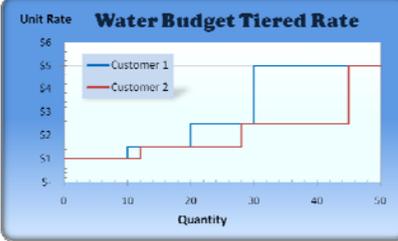
Quantity	Customer 1 Unit Rate	Customer 2 Unit Rate
0 - 10	\$1.5	\$1
10 - 20	\$2.5	\$1.5
20 - 30	\$5	\$2.5
30 - 50	\$5	\$5

Water Budget Tiered Rate:
 Pros: Promote water efficiency, equitable, affordable for essential use, drought allocation tool, revenue stability
 Cons: High administrative cost, harder to understand

5/15/13 Water Budget Rate Study - Rate Design Workshop 6



What Is a Water Budget?

“Water budget rate is an increasing block rate structure in which the block definition is different for each customer based on an efficient level of water use by that customer.”

Source: American Water Works Association Journal, May 2008, Volume 100, Number 5



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Conservation & Efficiency

Water Conservation

- Reducing water usage
- Rules and regulations
- Restricting water use

Water Efficiency

- Reducing water waste
- Target driven
- Appropriate water use



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Conservation Rate Structures

INCLINING BLOCK	WATER BUDGET
<p>Pros</p> <ul style="list-style-type: none"> + Easy to administer + Sends clear conservation signal + Addresses affordability for basic needs <p>Cons</p> <ul style="list-style-type: none"> - Targets larger water users <ul style="list-style-type: none"> ▪ High use = wasteful use - Equity concerns <ul style="list-style-type: none"> ▪ Penalizes large families / lots ▪ Exacerbated during drought pricing 	<p>Pros</p> <ul style="list-style-type: none"> + Provides water efficiency targets <ul style="list-style-type: none"> ▪ Addresses equity concerns for large families / lots + Properly allocates drought penalty rates + Addresses affordability for basic needs <p>Cons</p> <ul style="list-style-type: none"> - Higher administrative costs <ul style="list-style-type: none"> ▪ How is efficiency defined? ▪ Proactive Public outreach ▪ Increases staff for customer service



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Water Budget Rate Study - Rate Design Workshop
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Water Budget Allocation

- Two components:
 1. Indoor Budget, which is determined by household size and gallons per capita per day (gpcd)
 - 4 persons per household * 55 gpcd * days of service
 - Waiver allows for approved additional needs and / or additional occupancy
 2. Outdoor Budget, which is determined by landscape area estimate and weather



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Alternative Water Rate Structures

- **Uniform (Status Quo)**
- **3 Tier-Lot Size Bins Water Budget (WB)**
 - Water allocation varies by season (2-4 seasons) and lot size by bins
 - 3 Tiers: Efficient indoor, outdoor uses and inefficient uses
 - Example: City of San Clemente
- **4 Tier-Individual Landscape Area WB**
 - Water allocation varies according to actual/historical weather data and estimated landscape data
 - Allowed variances for household size, lot size and other needs
 - 4 Tiers: Efficient indoor and outdoor uses, inefficient and excessive uses
 - Example: Irvine Ranch Water District



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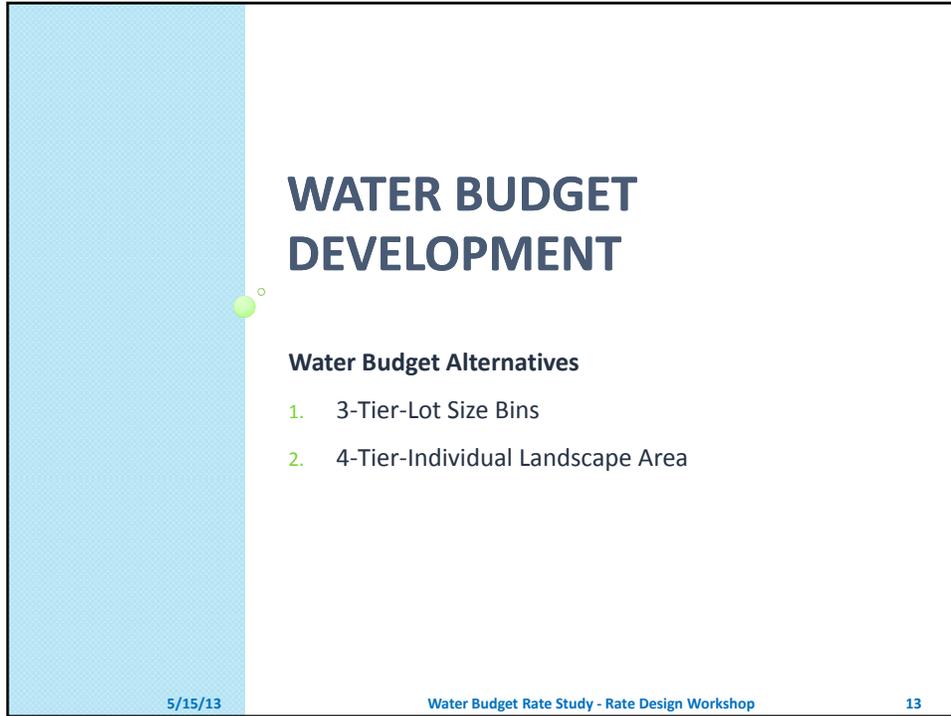
Rate Structure Comparison

Objectives	Uniform	3-Tier	4-Tier
Promoting Efficiency	★	★★★	★★★★
Admin Cost / Implementation Cost	★★★★	★★★	★
Customer Understanding	★★★★	★★★	★
Funding Mechanism for Conservation / Urban Run-off	★	★★★	★★★★
Equity / Affordability	★	★★★	★★★★
Drought Management Tool / SB x7-7	★	★★★	★★★★
MWDOC Agencies	Huntington Beach	San Clemente/ San Juan	ETWD / IRWD / MNWD

Best = ★★★★★



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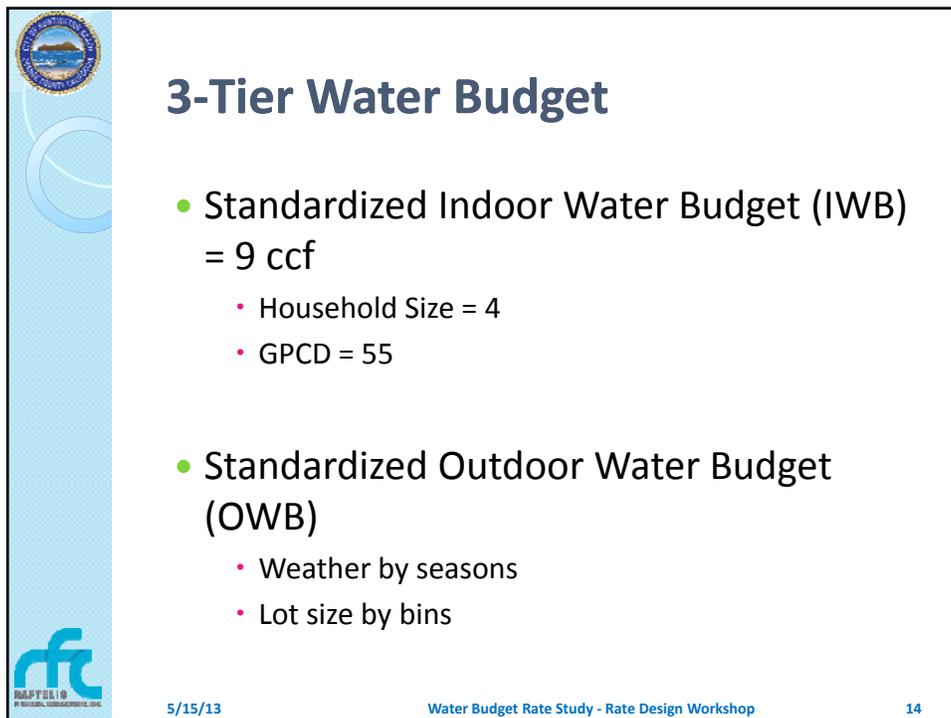


WATER BUDGET DEVELOPMENT

Water Budget Alternatives

1. 3-Tier-Lot Size Bins
2. 4-Tier-Individual Landscape Area

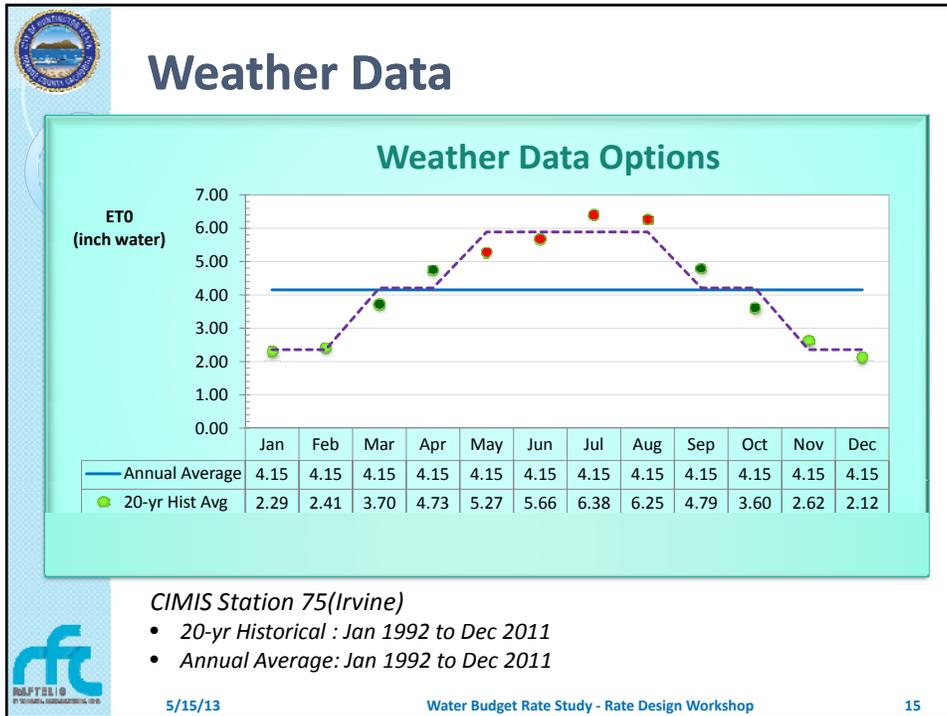
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3-Tier Water Budget

- Standardized Indoor Water Budget (IWB) = 9 ccf
 - Household Size = 4
 - GPCD = 55
- Standardized Outdoor Water Budget (OWB)
 - Weather by seasons
 - Lot size by bins

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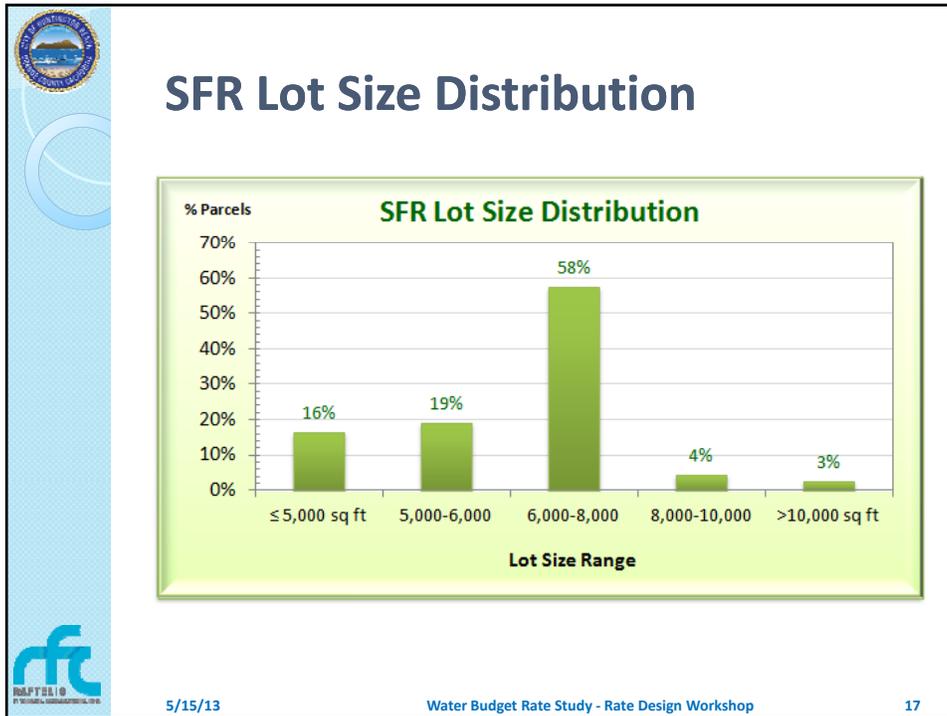
Season Definitions

Seasons	Months
Winter	Nov, Dec, Jan, Feb
Spring / Fall	Mar, Apr, Sep, Oct
Summer	May, Jun, Jul, Aug

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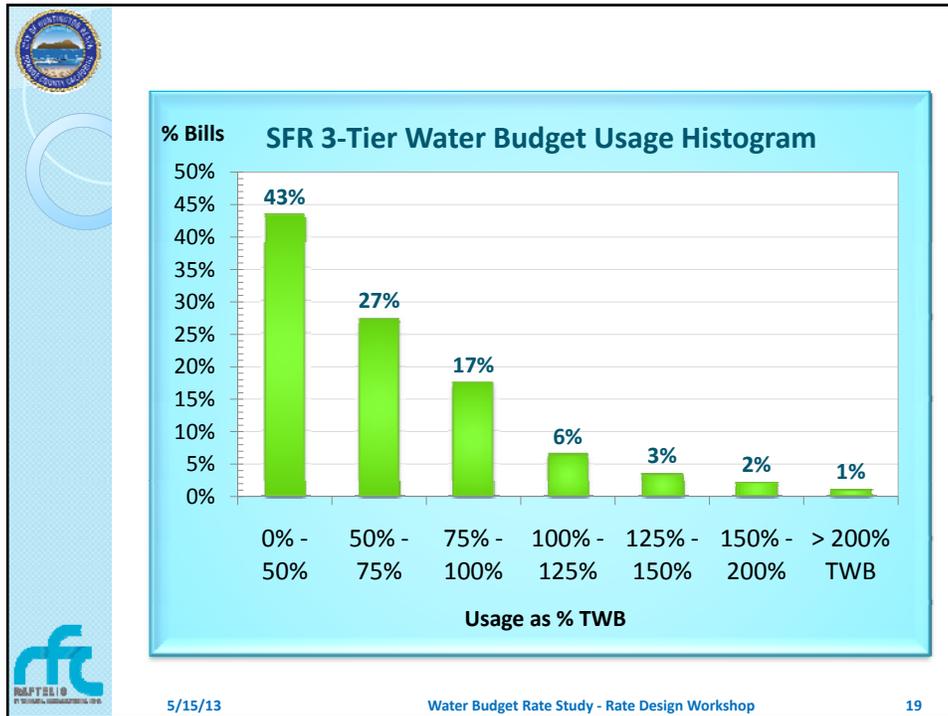


Suggested Lot Size Bins and Estimating Landscape Area

- Allotted Landscape Area ~ 1/3 of the upper limit of lot size range

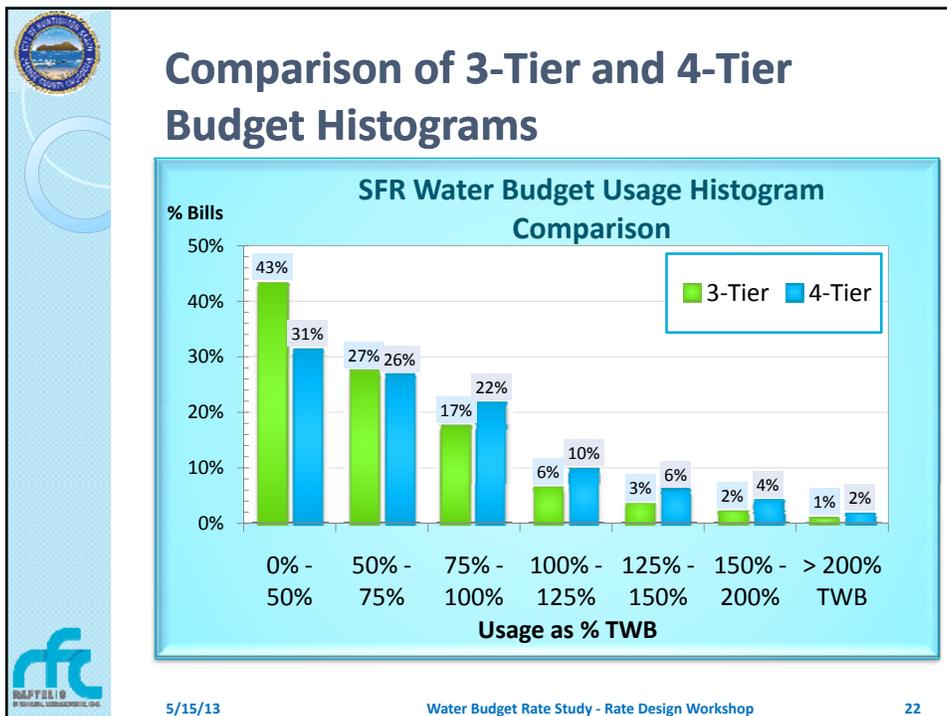
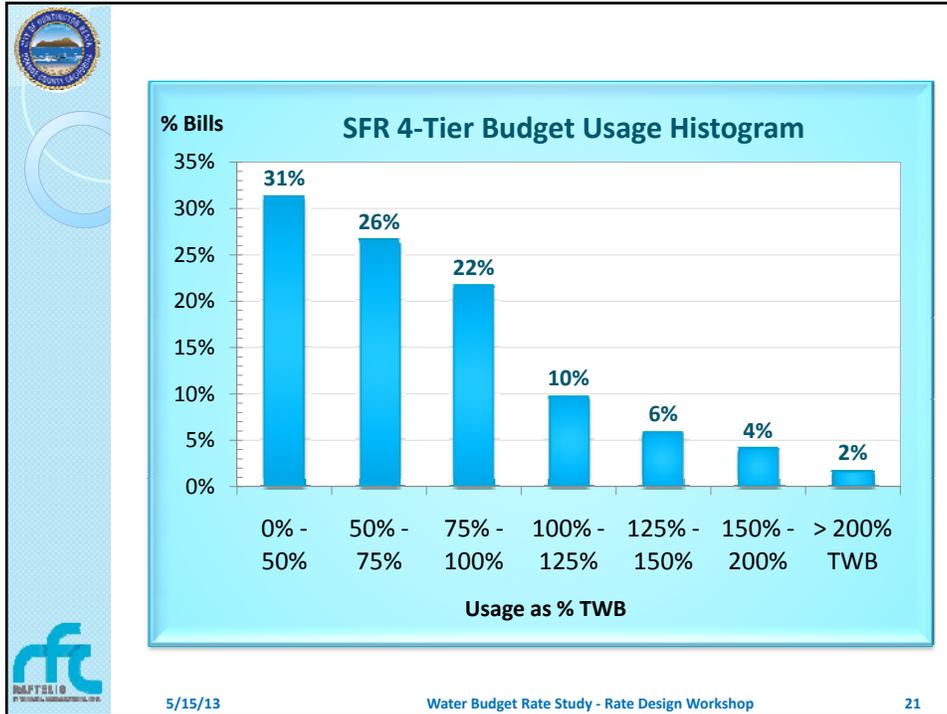
Lot Size Bins	% Parcel	Allotted Landscape Area
0 - 5,000 sq ft	16%	2,000 sq ft
5,000 - 8,000	77%	3,000 sq ft
above 8,000 sq ft	7%	4,000 sq ft

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- ## 4-Tier Water Budget
- Indoor Water Budget (IWB)
 - Household Size
 - Default Household Size = 4
 - GPCD = 55

 - Outdoor Water Budget (OWB)
 - Actual Weather by Billing Period
 - Landscape Area
- 5/15/13 Water Budget Rate Study - Rate Design Workshop 20





Tier Definitions

Tiers	3-Tier Water Budget	4-Tier Water Budget
Tier 1 – Essential	100% IWB	100% IWB
Tier 2 – Efficient	100% OWB	100% OWB
Tier 3 – Inefficient	Above Tier 2	50% TWB
Tier 4 – Excessive		Above Tier 3

Total Water Budget (TWB) = Indoor Water Budget (IWB) + Outdoor Water Budget (OWB)



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Variance Policies to Consider

- Household Size – greater than 4
- Landscape Area – verify by field visit
- Medical Conditions
- Other Special Needs



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Commercial/Industrial Customers

- Staff Recommendation is to apply water budget rates to SFR, MFR and Irrigation customers only, stay with uniform rate
- Commercial/Industrial Customers would require substantial additional resources to monitor and manager
- Staff would focus on water efficiency programs (audits, retrofits, rebates).

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NEXUS REQUIREMENTS ON RATES

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Nexus Requirements on Rates

Prop 218 requirements

- Nexus between tier prices & cost of service
- Examples
 - Cost of water supplies
 - Conservation program costs
 - Potential new sources of supply
 - Urban run-off program costs



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Water Supply Components

Water Supply Justifications	
WB Rates	
Tier 1	MWDOC / OCWD Blended
Tier 2	MWDOC / OCWD Blended
Tier 3 Tier 4	Imported Water Costs
Uniform Rates	MWDOC / OCWD Blended



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3-Tier Water Budget Rates

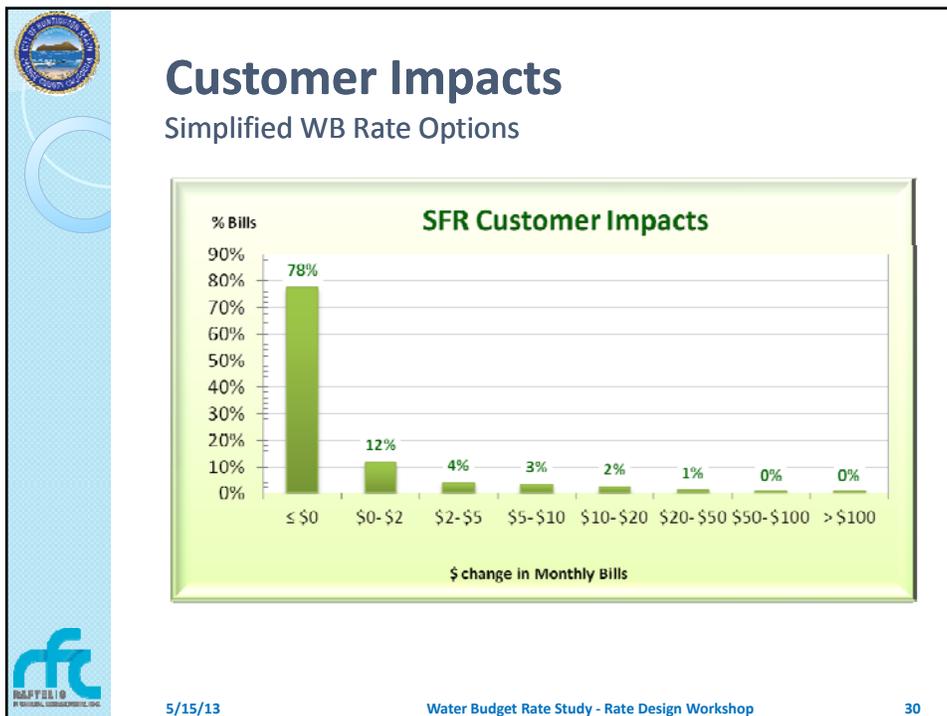
Tiers	Supply Cost	Delivery Cost	WUE Cost	Rev Offset	Urban Run-off	Proposed	Current
Tier 1	\$1.1152	\$0.5961	\$0.0000	-\$0.0534	\$0.0000	\$1.6579	\$1.7535
Tier 2	\$1.1152	\$0.7948	\$0.0000	\$0.0000	\$0.0000	\$1.9100	\$1.7535
Tier 3	\$2.0566	\$0.0000	\$0.6366	\$0.0000	\$0.2919	\$2.9851	\$1.7535

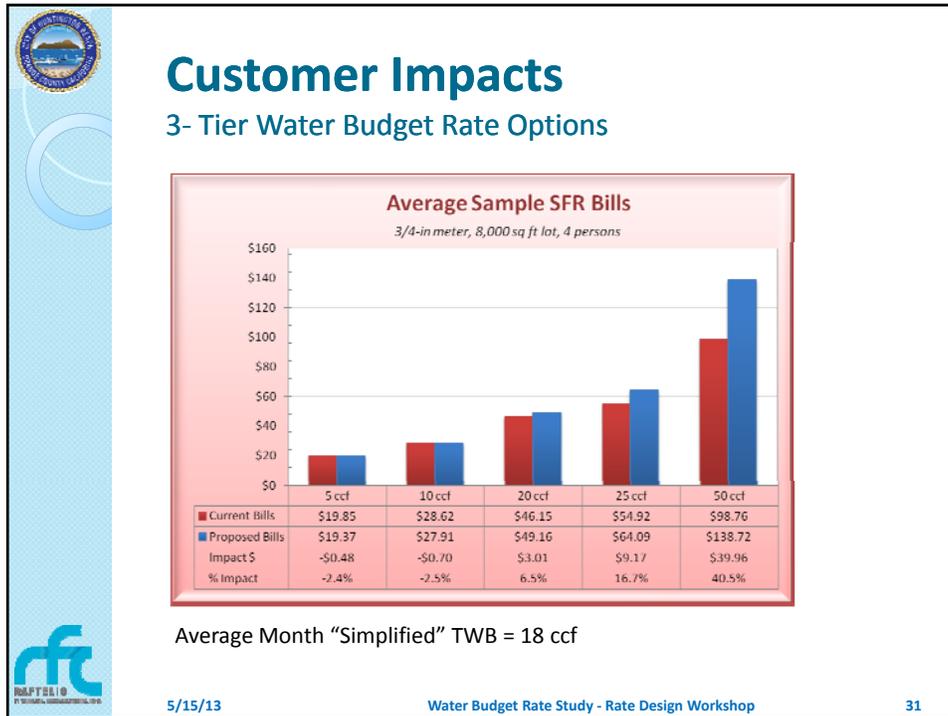


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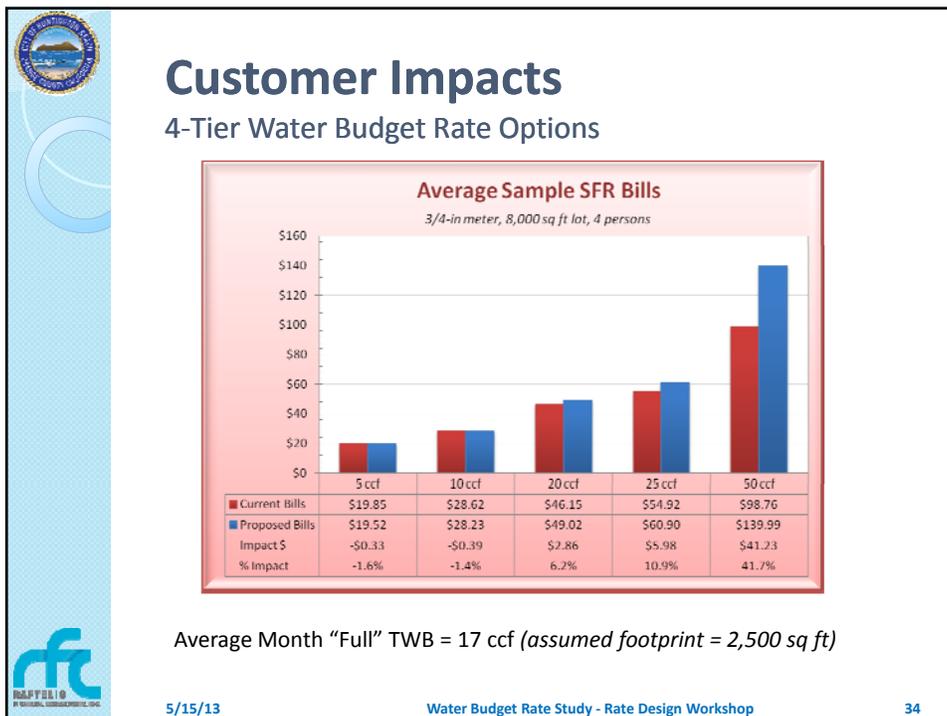
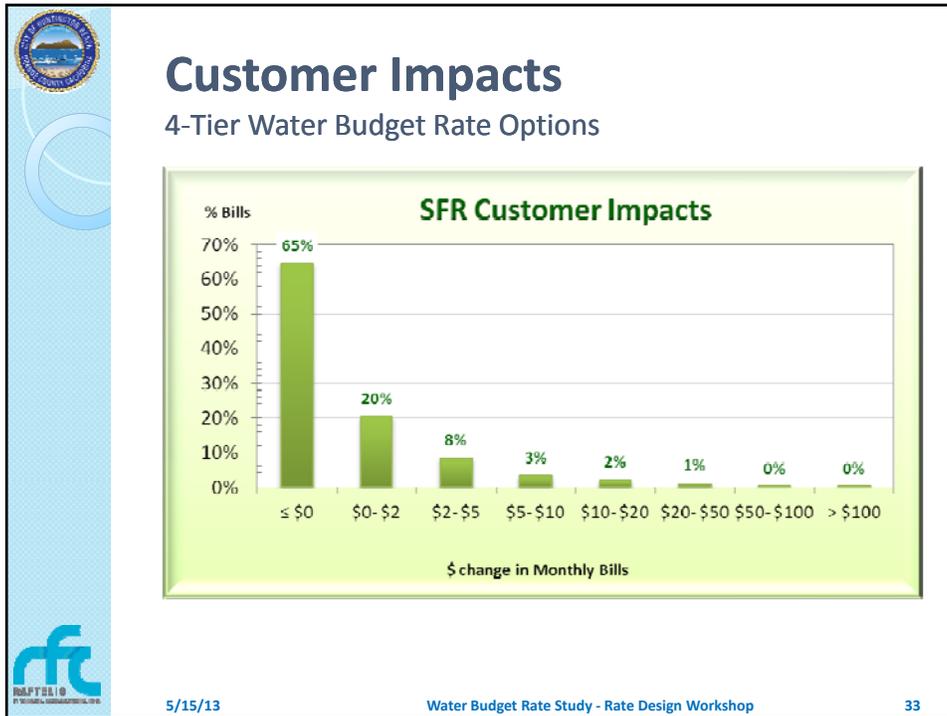




4-Tier Water Budget Rates

Tiers	Supply Cost	Delivery Cost	WUE Cost	Rev Offset	Urban Run-off	Proposed	Current
Tier 1	\$1.1152	\$0.6267	\$0.0000	-\$0.0534	\$0.0000	\$1.6885	\$1.7535
Tier 2	\$1.1152	\$0.8355	\$0.0000	\$0.0000	\$0.0000	\$1.9507	\$1.7535
Tier 3	\$2.0566	\$0.0000	\$0.3206	\$0.0000	\$0.0000	\$2.3772	\$1.7535
Tier 4	\$2.0566	\$0.0000	\$0.6411	\$0.0000	\$0.4985	\$3.1962	\$1.7535

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Rate Alternative Options

Water Consumption Charges	Current Rates	3-Tier Water Budget Rates	4-Tier Water Budget Rates
Tier 1	\$1.7535	\$1.6579	\$1.6885
Tier 2	\$1.7535	\$1.9100	\$1.9507
Tier 3	\$1.7535	\$2.9851	\$2.3772
Tier 4	\$1.7535		\$3.1962



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Implementation Considerations

- Existing billing system will not accommodate tiered water rates
 - Upgrade existing
 - Purchase new
- Public outreach/Prop 218
- Temporary staff
 - Additional field work
 - Customer service during changover
- Full-time staff



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Staff Recommendation

- 3-Tier Lot Size Bin Approach for SFR, MFR and Irrigation Customers
- 3 Seasons – Summer, Fall/Spring, Winter
- Water Use Efficiency Programs and uniform water rate for Commercial/Industrial Customers
- 2 Additional FTE



5/15/13 Water Budget Rate Study - Rate Design Workshop 37




Next Steps

- Present results to City Council
- Receive direction to proceed to implementation
 - Gather landscape area data
 - Upgrade/replace billing system
- Proceed to adoption
 - Finalize rates
 - Conduct public outreach
 - Proceed with Proposition 218 notice and public hearing



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Discussion

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~2013~ CITY COUNCIL STUDY SESSIONS & SPECIAL SESSIONS

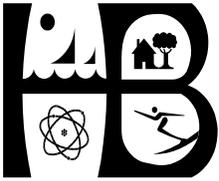
*This information is for agenda scheduling purposes only and is subject to change on a daily basis.
Subjects listed below are not guaranteed to appear on a City Council agenda.*

COUNCIL MEETING	TIME	SUBJECT	DEPT HEAD
2013			
<i>Jan. 7, 2013</i>		<i>No Meeting</i>	
Jan. 22, 2013		<i>Circulation Element Update</i> <i>Water Master Plan</i>	<i>Hess</i> <i>Hopkins</i>
<i>Feb. 4, 2013</i>		<i>Street Light RFQ</i>	<i>Hall</i>
<i>Feb. 19, 2013</i>		<i>DTSC Ascon Update</i>	<i>Hall</i>
<i>Mar. 4, 2013</i>		<i>Housing Element/ General Plan Update Work Program</i>	<i>Hess</i>
<i>Mar. 18, 2013</i>		<i>Senior Center Update</i>	<i>Laudenback</i>
<i>April 1, 2013</i>			
<i>April 15, 2013</i>		<i>PERS Actuarial Update</i>	<i>Farrell</i>
<i>May 6, 2013</i>		<i>Mid-Year Budget Study Session</i>	<i>Farrell</i>
<i>May 20, 2013</i>		<i>Historic Context & Survey Report</i>	<i>Hess/Galvin Preservation Associates</i>
June 3, 2013		<i>Downtown Alcohol Recommendations/</i> <i>Downtown Surveillance Cameras Update</i>	<i>Small</i>
June 17, 2013		<i>CDBG – Allocations</i> <i>Conservation (Tiered) Water Rates</i>	<i>Hall</i> <i>Hopkins</i>
July 1, 2013		<i>Senior Center</i> <i>Update on projects within Beach Edinger Corridors Specific Plan Area</i>	<i>Hopkins</i> <i>Hess</i>
July 15, 2013		<i>Proposed FY 2013/14 Budget</i> <i>Bolsa Chica Annexation</i>	<i>Farrell</i> <i>Hess</i>
Aug. 5, 2013		<i>FY 2013/14 CIP Budget and Infrastructure Discussion</i> <i>General Plan Update</i>	<i>Farrell</i> <i>Hess</i>
Aug. 19, 2013		<i>Long Term Financial Plan Update</i>	<i>Farrell</i>
Sept. 3, 2013			
Sept. 16, 2013			
Oct. 7, 2013			
Oct. 21, 2013			
Nov. 4, 2013			
Nov. 18, 2013	<i>New</i>	IAB (Investment Advisory Board) Joint Study Session	Cutchen
Dec. 2, 2013		Mayoral Transition	
Dec. 16, 2013			

**City of Huntington Beach
Capital Improvement Program Master Schedule**

Wed 6/12/13

ID	Task Name	Duration	Start	Finish	Budget	Comments	2013															
							A	M	J	J	A	S	O	N	D	J	F	M	A			
168	CC-1175 Southeast Reservoir & CC-1191 Southeast Transmission Main (Planning Phase Only)	943 days	Wed 2/17/10	Fri 9/27/13	\$185,000	Transmission main alignment study underway.																
169	Study	943 days	Wed 2/17/10	Fri 9/27/13																		
170	CC-1427 Well No. 8 Irrigation Project	935 days	Mon 2/1/10	Fri 8/30/13	\$100,000	Design scope may change based on Talbert Lake																
171	Design	875 days	Mon 2/1/10	Fri 6/7/13																		
172	Permits (Building, and may need DPH & OCWD approval)	455 days	Mon 12/5/11	Fri 8/30/13																		
173	CC-1467 Security Improvements	520 days	Mon 10/3/11	Fri 9/27/13	\$500,000	Ongoing throughout year.																
174	Construction	520 days	Mon 10/3/11	Fri 9/27/13																		
175	CC-1420 Peck Reservoir Dual Drive	1120 days	Mon 3/1/10	Fri 6/13/14	\$1,575,000	Design underway. Working on power issue with SCE.																
176	Conceptual Study	355 days	Mon 3/1/10	Fri 7/8/11																		
177	Design	530 days	Mon 7/11/11	Fri 7/19/13																		
178	Bidding/Award (3 Months)	60 days	Mon 7/22/13	Fri 10/11/13																		
179	Construction	175 days	Mon 10/14/13	Fri 6/13/14																		
180	Well #9 GAC Filtration	925 days	Mon 3/15/10	Fri 9/27/13	\$250,000	Preparing RFP for Prel Design of GAC Filtration																
181	Conceptual Study	925 days	Mon 3/15/10	Fri 9/27/13																		
182	CORROSION CONTROL	540 days	Mon 8/15/11	Fri 9/6/13																		
183	CC-1330 Corrosion Protection 36" Steel on Springdale. Paving from North City Limit to Warner	540 days	Mon 8/15/11	Fri 9/6/13	\$6,000,000	Under Construction																
184	Design	220 days	Mon 8/15/11	Fri 6/15/12																		
185	Bidding/Award (3 Months)	60 days	Mon 6/18/12	Fri 9/7/12																		
186	Construction	260 days	Mon 9/10/12	Fri 9/6/13																		
187	WATER MAIN REPLACEMENT	775 days	Mon 7/11/11	Fri 6/27/14																		
188	CC-1412 Water Main Replacement @ Sunset Beach Area - Phase I	80 days	Thu 2/21/13	Wed 6/12/13	\$800,000	Completed																
189	Construction	80 days	Thu 2/21/13	Wed 6/12/13																		
190	CC-1429 Water Main Replacement @ Sunset Beach Area - Phase II	775 days	Mon 7/11/11	Fri 6/27/14	\$600,000	Project schedule pending completion of SCE undergrounding																
191	Final Design	540 days	Mon 7/11/11	Fri 8/2/13																		
192	Bidding/Award (3 Months)	60 days	Mon 8/5/13	Fri 10/25/13																		
193	Construction	175 days	Mon 10/28/13	Fri 6/27/14																		
194	CC-1432 Cast Iron Pipe Replacement@Various Locations Downtown	489 days	Wed 8/1/12	Mon 6/16/14																		
195	Final Design	283 days	Wed 8/1/12	Fri 8/30/13																		
196	Bidding/Award (3 Months)	60 days	Mon 9/2/13	Fri 11/22/13																		
197	Construction	146 days	Mon 11/25/13	Mon 6/16/14																		
198	WATER SYSTEM RELIABILITY STUDIES	955 days	Mon 12/7/09	Fri 8/2/13																		
199	Study Elimination of Potential Choke Points Near Overmyer Reservoir	955 days	Mon 12/7/09	Fri 8/2/13	\$75,000	Study underway																
200	Study	955 days	Mon 12/7/09	Fri 8/2/13																		
201	Study to Create Potential Redundancy of the Northern End of the 36" Main OC-35	935 days	Mon 1/4/10	Fri 8/2/13	\$75,000	Study underway. Need field testing during Summer																
202	Study	935 days	Mon 1/4/10	Fri 8/2/13																		



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

Item No. PW 13-18

SUBMITTED TO: Chair Thomas and Members of the Commission

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

DATE: June 19, 2013

SUBJECT: FY 2012/13 Sewer Lining Project, CC-1444

Statement of Issue: Plans and Specifications for the Sewer Lining Project, CC-1444, are in final preparation. Staff requests recommended action to proceed with the bidding process.

Funding Source: Funds in the amount of \$200,000 are budgeted in the Sewer Service Fund, Account No. 51189002.

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

Recommended Action: Motion to approve that the Sewer Lining Project, CC-1444, is in general conformance with the previously approved Capital Improvement Program.

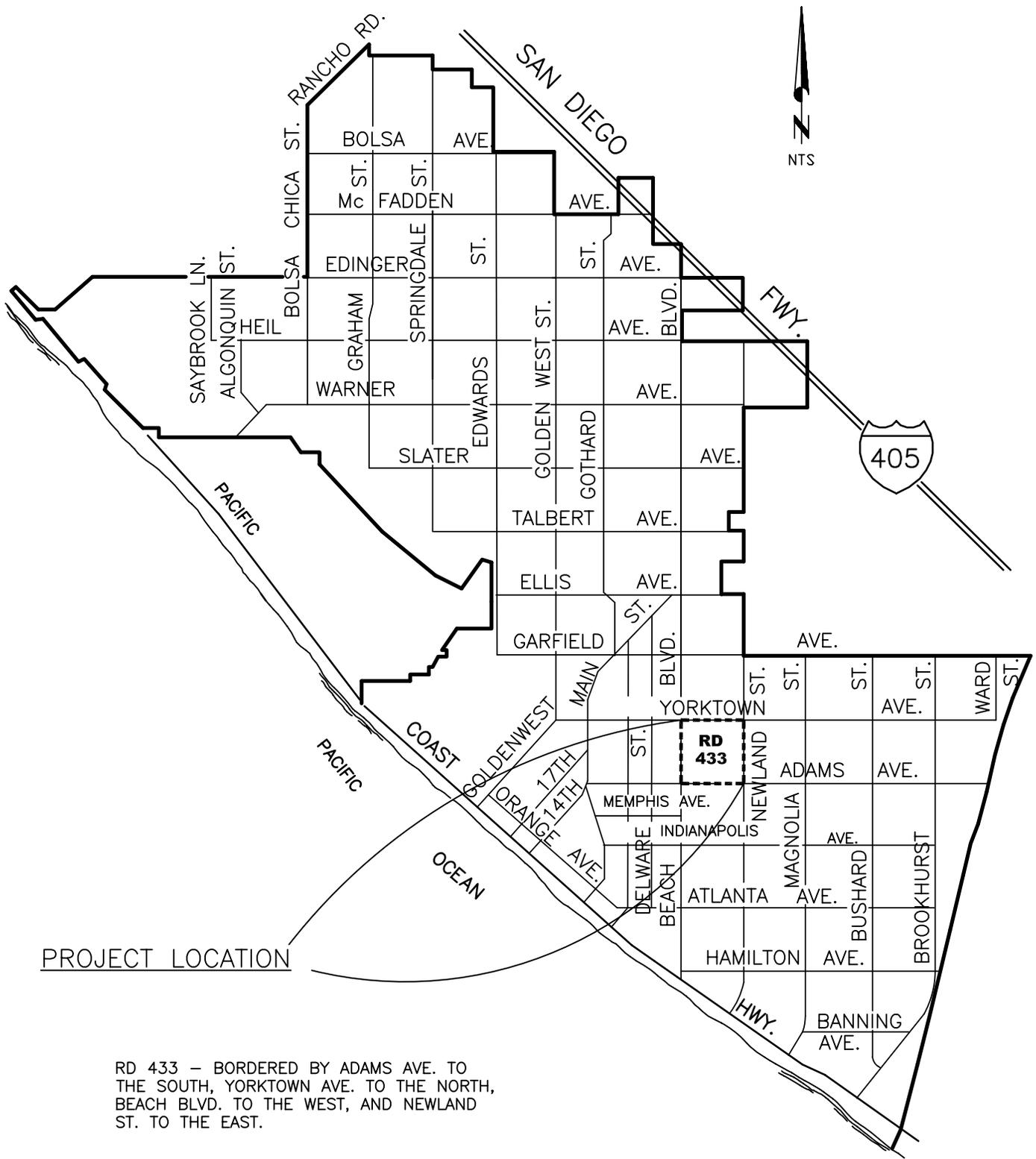
Alternative Action(s): Deny approval and recommend an alternative action.

Analysis: The Engineering and Utilities Division coordinate the need for lining of existing sewer pipes based on maintenance history and video inspection. The scope of work for the project includes lining approximately 6,000 lineal feet of eight-inch diameter aged sewer main lines in reporting district, RD 433, identified as a priority this year. The locations would benefit from lining as the existing pipe is lined with calcium deposits, from groundwater seepage through minor cracks and joints. These deposits, which inhibit flow, will be removed prior to lining. The locations include coating existing sewer manholes. The Engineers Estimate for this project is \$200,000.

Attachments:

1. Location Map

ATTACHMENT #1



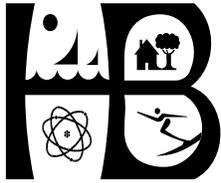
PROJECT LOCATION

RD 433 – BORDERED BY ADAMS AVE. TO THE SOUTH, YORKTOWN AVE. TO THE NORTH, BEACH BLVD. TO THE WEST, AND NEWLAND ST. TO THE EAST.

2012–13 SEWER LINING PROJECT, CC-1444
PROJECT LOCATION MAP

CITY OF HUNTINGTON BEACH
DEPARTMENT OF PUBLIC WORKS





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

Item No. PW 13-19

SUBMITTED TO: Chairman and Members of the Commission

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

DATE: June 19, 2013

SUBJECT: Edinger Ave. Bicycle Path, CC-1447

Statement of Issue: Plans and specifications for the Edinger Ave. Bicycle Path, CC-1447 are in final preparation. Staff is seeking support for the project and the initiation of the competitive bid process.

Funding Source: Funds are budgeted in the Edinger Parkway Account No. 21390022. Seventy-five percent of eligible construction costs will be reimbursed to the City through Federal Transit Authority (FTA) grant funds up to a maximum \$192,330.

Impact on Future Maintenance Costs: The proposed asphalt path is intended for bicyclists and pedestrian use, and not heavy vehicular traffic. Therefore, as the adjacent parkway landscaping is already being maintained, there should be negligible impact on future maintenance costs due to the proposed path.

Recommended Action: Motion to approve that the Edinger Ave. Bicycle Path, CC-1447, is in general conformance with the previously approved CIP.

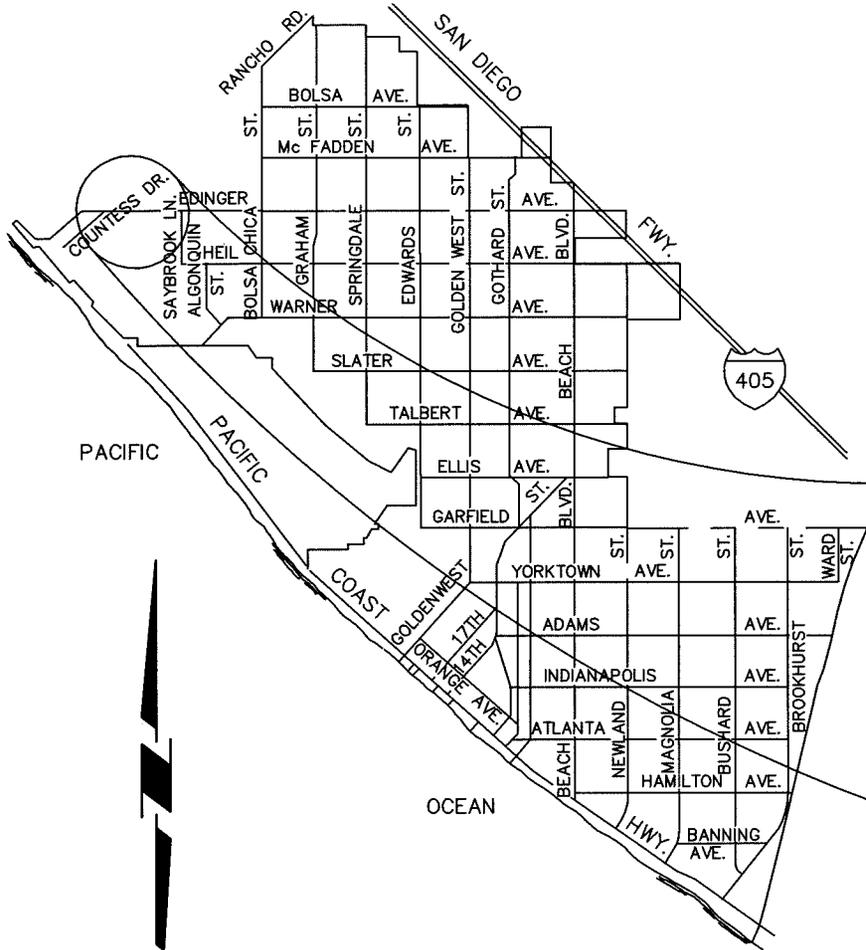
Alternative Action(s): Deny approval and recommend an alternative action.

Analysis: The project proposes to relocate the existing Class II bicycle lane located along the north side of Edinger Avenue, between Countess Drive and Santa Barbara Lane. The scope of work includes the construction of an asphalt paved, Class I bicycle path that is located away from the vehicular roadway, providing a safer alternative location for the bicyclists and pedestrians that traverse this area.

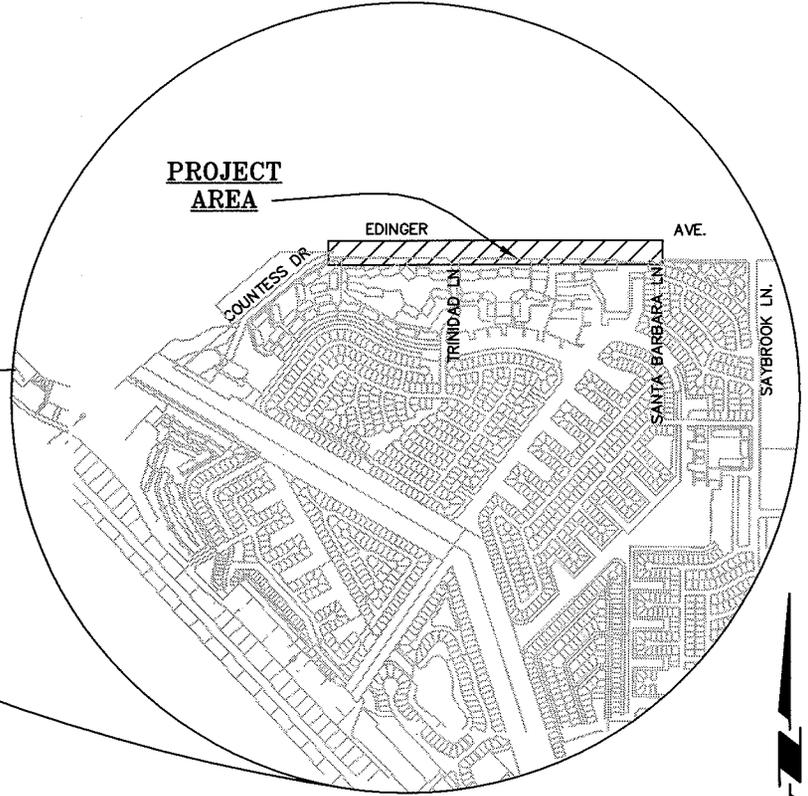
Attachments:

1. Project Location Map

ATTACHMENT #1



VICINITY MAP
N.T.S.

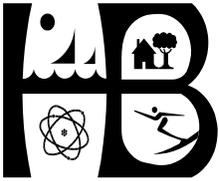


LOCATION MAP
N.T.S.

**EDINGER AVENUE BICYCLE PATH, CC-1447
(FROM COUNTESS DR. TO SANTA BARBARA LN.)**

CITY OF HUNTINGTON BEACH
DEPARTMENT OF PUBLIC WORKS





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

Item No. PW 13-20

SUBMITTED TO: Chair Thomas and Members of the Commission

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

DATE: June 19, 2013

SUBJECT: Slater Pump Station Maintenance Road Rehabilitation, CC-1445

Statement of Issue: Plans and Specifications, for Slater Pump Station Maintenance Road Rehabilitation, CC-1445, are in final preparation. Staff is seeking support to begin the public bidding process.

Funding Source: Funds in the amount of \$150,000 is budgeted in the Capital Improvement Reserve Account No. 10040314.82800. The engineers cost estimate for the project is \$130,000.

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

Recommended Action: Motion to approve that the Slater Pump Station Maintenance Road Rehabilitation Project, CC-1445., is in general conformance with the previously approved CIP.

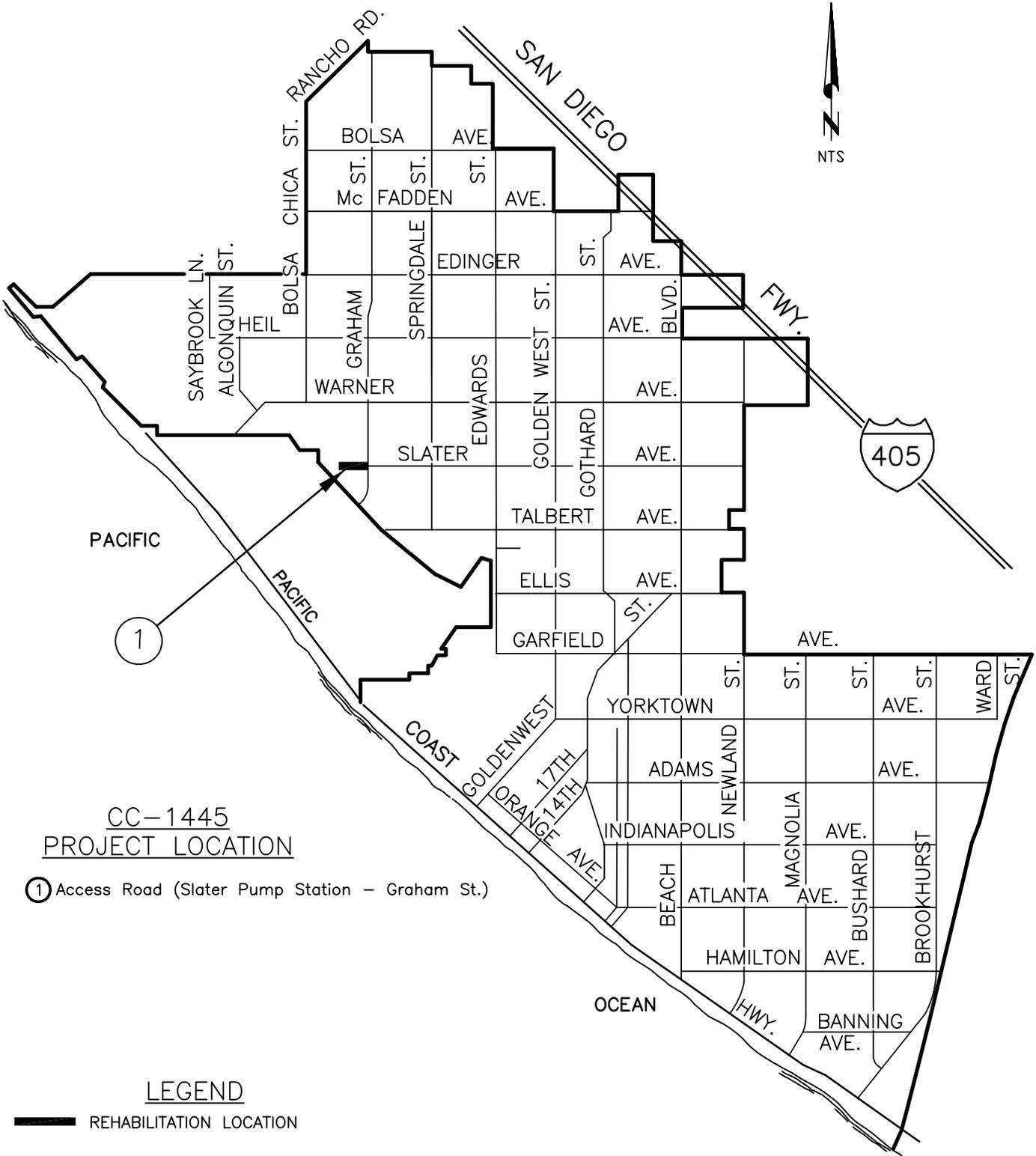
Alternative Action(s): Deny approval and recommend an alternative action.

Analysis: The project location is along the Slater Pump Station maintenance road from the entrance on Slater Avenue at Graham Street to the back of the Pump Station, approximately 1,200 linear feet. This maintenance road was originally constructed with the adjacent residential tract in 1976 and is in need of rehabilitation. Over 36 years, rain has caused some noticeable erosion in the dirt ridge between the maintenance road and the adjacent concrete lined Slater Channel. The project consists of rehabilitating the asphalt access road, mitigating the area of erosion, and replacing the rusted chain link fencing between the road and the channel.

Attachment:

1. Project Location Map

ATTACHMENT #1



CC-1445
PROJECT LOCATION

① Access Road (Slater Pump Station – Graham St.)

LEGEND

— REHABILITATION LOCATION

REV 05/28/13

SLATER P.S. MAINTENANCE ROAD REHABILITATION
PROJECT LOCATION MAP

CITY OF HUNTINGTON BEACH

DEPARTMENT OF PUBLIC WORKS





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

Item No. PW 13-21

SUBMITTED TO: Chairman and Members of the Commission
SUBMITTED BY: Travis K. Hopkins, PE, Director of Public Works
DATE: June 19, 2013
SUBJECT: FY 2013/14 Capital Improvement Program

Statement of Issue: The proposed FY 2013/14 Capital Improvement Program (CIP) is presented for approval.

Funding Source: As indicated in the CIP detail sheets.

Impact on Future Maintenance Costs: As indicated in the CIP detail sheets.

Recommended Action: Motion to recommend to the City Council the Fiscal Year 2013/14 Capital Improvement Program.

Alternative Action(s): Approve or modify specific projects.

Analysis: The proposed FY 2013/14 CIP is being recommended by staff based on available funding. The total of new appropriations for next fiscal year will be \$49,374,246, with continuing appropriations of \$9,071,093. The CIP will be presented to the City Council during a Study Session in August. The public hearing, and first opportunity for adoption will be September 2, 2013, with a possible continuance to the September 16, 2013 meeting.

Attachments: Capital Improvement Program – Fiscal Years 2013/14 through 2017/18