



## AGENDA

### PUBLIC WORKS COMMISSION CITY OF HUNTINGTON BEACH

Wednesday October 19, 2011 – 5:00 PM

City Council Chambers

2000 Main Street

Huntington Beach, CA 92648

#### A. PLEDGE OF ALLEGIANCE

##### ROLL CALL

Cook, Herbel, McGovern, O'Connell,  
Siersema, Spencer, Thomas

#### B. PRESENTATIONS-COMMENDATIONS

#### C. MINUTES

C-1. (Pg 3-6) Minutes of September 21, 2011

#### 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

#### F. INFORMATION ITEMS

F-1. (Pg 7-12) 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 2010/11 Capital Improvement Program notebook, or on the city's website under Government, Current [Budget](#) information.

AGENDA  
PUBLIC WORKS COMMISSION  
Wednesday, October 19, 2011  
PAGE 2

**G. ADMINISTRATIVE ITEMS**

- G-1. (Pg 13-15) Arterial Highway Rehabilitation Project, CC-1413, Center Avenue (along proposed Costco frontage, approximately 1,300 linear feet); Magnolia Street (Indianapolis Avenue to Adams Avenue); Springdale Street (Warner Avenue to Edinger Avenue) - Plans and specifications for the Arterial Highway Rehabilitation Project, CC-1413 are in final preparation. Staff is seeking support for the project and the initiation of the competitive bid process.

**Funding Source:** Funds are available in the amount of \$500,000 from Measure M, Account No. 21390019; \$1,300,000 from the Capital Improvement Reserve, Account No. 10040314; and \$1,750,000 from the Gas Tax Fund, Account No. 20790008. The engineer's estimate is \$2,600,000.

**Recommended Action:** Motion to recommend to the City Council, the Arterial Highway Rehabilitation Project, CC-1413.

- G-2. Rainbow Disposal Contract Funding for Infrastructure Maintenance – The Public Works Commission to consider a letter to the City Council in regards to the accounting method of revenue from the Rainbow Disposal refuse contract.

**H. WRITTEN COMMUNICATIONS**

**I. COMMISSION AND STAFF COMMENTS**

**J. ADJOURNMENT**

<p><b>NEXT PUBLIC WORKS COMMISSION MEETING</b> <i>November 16, 2011 5:00 PM, City Council Chambers</i></p>
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# MINUTES

## CITY OF HUNTINGTON BEACH PUBLIC WORKS COMMISSION SEPTEMBER 21, 2011

**Call to Order/  
Pledge of Allegiance:** The meeting was called to order at 5:00 p.m. by Chairman Siersema, who led Commissioners and the audience in the Pledge of Allegiance to the Flag.

**Commissioners Absent:** None

**Commissioners Present:** Commissioners Cook, Herbel, McGovern, O'Connell, Siersema, Spencer and Thomas were in attendance.

**Others Present:** Travis Hopkins, Director of Public Works  
Tony Olmos, City Engineer  
Bob Stachelski, Transportation Manager  
Bill Janusz, Principal Civil Engineer  
Terri Elliott, Principal Civil Engineer  
Joyce Greene, Administrative Assistant

### **B. PRESENTATIONS-COMMENDATIONS**

None

### **C. MINUTES**

Motion by Commissioner Herbel, seconded by Commissioner McGovern to approve the minutes of July 20, 2011 as presented.

VOTE: The motion carried.

AYES: 7

NOES: 0

ABSENT: 0

ABSTENTIONS: 0

### **D. ORAL COMMUNICATIONS**

None

## **E. DIRECTOR'S ITEMS**

Travis Hopkins announced the Rededication of the Utilities Facility on Thursday, September 28, 2011, 4:30 PM. Invitations were sent electronically to the Public Works Commissioners and they are encouraged to attend.

The Green Expo was held Saturday, September 17, 2011. As part of the expo, 55+ gallon rain water barrels are being offered to residents at the reduced price of \$75 each. Barrels must be pre-ordered on-line and can be picked up at the Utility Yard on Saturday, September 24, 2011 from 10:00 am to 12 noon.

Updates since the July Strategic Planning session were reviewed at a recent Study Session. Public Works is addressing four items. Travis Hopkins will email the Public Works Commissioners the updates.

Upcoming Study Sessions - October 3, 2011, OCTA will present and update on the I-405 proposed extension. The November 7 Study Session topic will be Water Tiered Rates. An additional Study Session topic will be the results of the city-wide street improvements assessment feasibility study to include all paved areas, i.e., arterial streets, residential streets, alleys, parking lots, any paved area maintained by the city.

Due to timing issues, the survey results will not come to the Public Works Commission before going to City Council. Commissioner McGovern stated he feels the Public Works Commission should review the results before being presented to City Council. Tony Olmos suggested staff will look at the consultant's schedule and may be able to bring some preliminary information to the October meeting. Travis Hopkins encouraged the Commissioners to attend the November Study Session to have their comments heard.

At the last Public Works Commission meeting, the question was raised regarding revenue received by the City from Rainbow Disposal designated for infrastructure and not General Fund to be over and above the 15% infrastructure calculation. Travis Hopkins updated the Commissioners on the actions taken at the July 2006 City Council meeting. The City Administrator submitted a late item Motion amendment that was passed by the City Council to deposit the payment in the General Fund. Discussion.

A draft letter to the City Council will be prepared by Chair Siersema and will be presented to the Public Works Commission at the next meeting for review. The proposed letter will be placed on the next Public Works Commission agenda for action.

Commissioner O'Connell is recusing himself as Rainbow Disposal is sponsoring an event for Colette's Home.

**F. INFORMATION ITEMS**

- F-1. NPDES Water Quality Management Plan – Tony Olmos provided a brief background on the NPDES permit. Terri Elliott presented the item and a PowerPoint presentation explaining the change in permit requirements. The County and cities within were required to modify the Model Water Quality Management Plan to include Low Impact Development best management practices.
- F-2. Active Capital Project Report – Tony Olmos provided the updates. Added to the report are FY 2011/12 projects that will not be funded until next fiscal year. Tony Olmos then asked the Commissioners for any questions.

**G. ADMINISTRATIVE ITEMS**

Commissioner Herbel left at 6:10 PM.

- G-1. Citywide Left Turn Phasing Study – Bill Janusz presented the item and a PowerPoint presentation. A comprehensive evaluation of a prioritized list for the potential installation of left turn arrows at existing signalized intersections was presented to review the methodology applied and the recommended priority list of locations. The study identified forty-seven signalized intersections that do not have left turn phasing in at least one direction. The analysis of 66 separate street segments was undertaken. The Manual of Uniform Traffic Control Devices (MUTCD) identifies two measures of analysis for consideration of the installation of left turn arrows at an existing signalized intersection. Discussion ensued.

Motion by Commissioner Cook, seconded by Commissioner O'Connell to recommend to the City Council to approve the methodology presented for developing the rankings contained in the Citywide left turn phasing study; and approve the revised Citywide left turn phasing study and ranking.

VOTE: The motion carried.  
AYES: 6  
NOES: 0  
ABSENT: 1 (Herbel)  
ABSTENTIONS: 0

- G-2. 2001 Traffic Signal Priority List Update – Bob Stachelski provided the staff report. A periodic review is completed and is used as a tool for funding opportunities, communicating with the public, and to identify areas for additional attention.

After evaluation of the data, staff recommends the intersection ranking #2, Yorktown at Huntington, not be considered for a traffic signal due to the number of signals already on Yorktown in the same vicinity. Staff prefers to investigate engineering alternatives for the intersection. He then asked the Public Works Commissioners for any questions or comments.

Commissioner Cook commented on location ranking #9, Ellis at Delaware, as she travels this intersection regularly and sees no need for a traffic signal. Mr. Stachelski responded currently there is no funding for any traffic signal installation and recent installations have been funded by Safe Routes to School or development projects. He stated recent signal installations were not paid with General Fund dollars. Discussion ensued.

Motion by Commissioner O’Connell, seconded by Commissioner Spencer to recommend to the City Council to approve the methodology presented for developing the Traffic Signal Priority List; and approve the revised Traffic Signal Priority List and ranking.

VOTE:                   The motion carried.  
AYES:                   5  
NOES:                   1 (Cook)  
ABSENT:                1 (Herbel)  
ABSTENTIONS:        0

**H. WRITTEN COMMUNICATIONS**

None

**I. COMMISSION AND STAFF COMMENTS**

Commissioner McGovern complimented Travis Hopkins and staff on the reply to the recent Sierra Club Water Conservation Study where the City of Huntington Beach was rated Poor in the study.

**J. ADJOURNMENT**

The meeting adjourned at 6:30 pm to October 19, 2011 in City Council Chambers.

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Michael Siersema  
Chair

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Joyce Greene  
Administrative Assistant







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

Tue 10/11/11

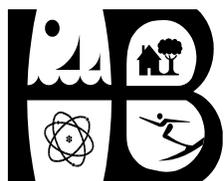
ID	Task Name	Duration	Start	Finish	Resource	Budget	Comments	2011				2012							
								1	2	3	4	5	6	7	8	9	1	2	3
130																			
131	<b>SEWER</b>	630 days	Mon 9/13/10	Fri 2/8/13															
132	CC-1396 Sewer Lining (10/11)	60 days	Mon 10/17/11	Fri 1/6/12	Eng	\$100,000	Construction underway.												
133	Construction	60 days	Mon 10/17/11	Fri 1/6/12															
134																			
135	CC-1369 Adams/Ranger Sewer Lift Station (#16)	140 days	Mon 8/15/11	Fri 2/24/12	Eng	\$2,000,000	Construction underway.												
136	Construction	140 days	Mon 8/15/11	Fri 2/24/12															
137																			
138	CC-1370 Warner Ave Gravity Sewer Main & Lift Station "C" Reconstruction	630 days	Mon 9/13/10	Fri 2/8/13	Eng	\$6,600,000	Resumed design of ultimate solution.												
139	Final Design of Ultimate Solution	405 days	Mon 9/13/10	Fri 3/30/12															
140	Construction	180 days	Mon 6/4/12	Fri 2/8/13															
141																			
142	CC-1415 Algonquin/Boardwalk Lift Station	380 days	Mon 5/2/11	Fri 10/12/12	Eng	\$2,100,000	Design underway.												
143	Design	160 days	Mon 5/2/11	Fri 12/9/11															
144	Construction	180 days	Mon 2/6/12	Fri 10/12/12															
145																			
146	CC-1401 Trinidad Lift Station	160 days	Mon 5/7/12	Fri 12/14/12	Eng	\$400,000	Not started.												
147	Design	160 days	Mon 5/7/12	Fri 12/14/12															
148																			
149	CC-1419 Sewer Lining (11/12)	130 days	Mon 4/2/12	Fri 9/28/12	Eng	\$100,000	Not started.												
150	Design	40 days	Mon 4/2/12	Fri 5/25/12															
151	Construction	40 days	Mon 8/6/12	Fri 9/28/12															
152																			
153	<b>TRANSPORTATION</b>	250 days	Mon 1/9/12	Fri 12/21/12															
154	CC-1402 Golden View School (SR2S)	170 days	Mon 1/9/12	Fri 8/31/12	Eng	\$249,000	Not started.												
155	Design	60 days	Mon 1/9/12	Fri 3/30/12															
156	Construction	40 days	Mon 7/9/12	Fri 8/31/12															
157																			
158	CC-1421 Signal Synchronization - Goldenwest (SR22 to PCH)	190 days	Mon 4/2/12	Fri 12/21/12	OCTA	\$317,000	Not started.												
159	Design	60 days	Mon 4/2/12	Fri 6/22/12															
160	Construction	80 days	Mon 9/3/12	Fri 12/21/12															
161																			
162	CC-1422 Signal Synchronization - Talbert/Macarthur (Beach to SR55)	190 days	Mon 4/2/12	Fri 12/21/12	OCTA	\$29,000	Not started.												
163	Design	60 days	Mon 4/2/12	Fri 6/22/12															
164	Construction	80 days	Mon 9/3/12	Fri 12/21/12															
165																			
166	CC-1423 Signal Synchronization - Warner (PCH to Red Hill)	190 days	Mon 4/2/12	Fri 12/21/12	OCTA	\$343,000	Not started.												
167	Design	60 days	Mon 4/2/12	Fri 6/22/12															
168	Construction	80 days	Mon 9/3/12	Fri 12/21/12															
169																			
170	<b>UTILITY UNDERGROUNDING</b>	540 days	Mon 10/26/09	Fri 11/18/11															
171	CC-2052 Beach Boulevard Underground Utility District	540 days	Mon 10/26/09	Fri 11/18/11	Eng	\$8,300,000	Utilities provided revised schedule.												
172	Construction (Cabling) & Pole Removal	540 days	Mon 10/26/09	Fri 11/18/11															
173																			
174	<b>WATER</b>	880 days	Mon 12/7/09	Fri 4/19/13															
175	CC-1175 Southeast Reservoir & CC-1191 Southeast Transmission Main (Planning Phase Only)	683 days	Wed 2/17/10	Fri 9/28/12	Eng	\$185,000	Planning of transmission main has started.												
176	Design	683 days	Wed 2/17/10	Fri 9/28/12															

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

Tue 10/11/11

ID	Task Name	Duration	Start	Finish	Resource	Budget	Comments	2011					2012							
								1	2	3	4	5	6	7	8	9	1	2	3	4
177																				
178	<b>CC-XXXX Well No. 8 Irrigation Project (Phase II - Related to CC-1268)</b>	<b>570 days</b>	<b>Mon 2/1/10</b>	<b>Fri 4/6/12</b>	<b>Eng</b>	<b>\$100,000</b>	<b>Design underway.</b>													
179	Design	520 days	Mon 2/1/10	Fri 1/27/12																
180	Permits (Building, and may need DPH & OCWD approval)	110 days	Mon 11/7/11	Fri 4/6/12																
181																				
182	<b>Security Improvements</b>	<b>260 days</b>	<b>Mon 10/3/11</b>	<b>Fri 9/28/12</b>	<b>Ops</b>	<b>\$500,000</b>	<b>Ongoing throughout year.</b>													
183	Construction	260 days	Mon 10/3/11	Fri 9/28/12																
184																				
185	<b>Variable Frequency Drive at Peck Reservoir</b>	<b>630 days</b>	<b>Mon 3/1/10</b>	<b>Fri 7/27/12</b>	<b>Ops/Eng</b>	<b>\$250,000</b>	<b>Design underway.</b>													
186	Conceptual Study	355 days	Mon 3/1/10	Fri 7/8/11																
187	Final Design	105 days	Mon 7/11/11	Fri 12/2/11																
188	Construction	125 days	Mon 2/6/12	Fri 7/27/12																
189																				
190	<b>Well #9 GAC Filtration</b>	<b>470 days</b>	<b>Mon 3/15/10</b>	<b>Fri 12/30/11</b>	<b>Eng/Ops</b>	<b>\$250,000</b>	<b>Study continuing along with 21" Reliability Study.</b>													
191	Conceptual Study	470 days	Mon 3/15/10	Fri 12/30/11																
192																				
193	<b>Well #10 Rehabilitation</b>	<b>129 days</b>	<b>Tue 5/3/11</b>	<b>Fri 10/28/11</b>	<b>Eng/Ops</b>	<b>\$600,000</b>	<b>Construction 90% complete.</b>													
194	Construction	129 days	Tue 5/3/11	Fri 10/28/11																
195																				
196	<b>CORROSION CONTROL</b>	<b>620 days</b>	<b>Mon 11/8/10</b>	<b>Fri 3/22/13</b>																
197	<b>CC-1285 Corrosion Protection 30" Steel on Yorktown (Joint Bonding and Appurtenance Upgrade)</b>	<b>230 days</b>	<b>Mon 11/8/10</b>	<b>Fri 9/23/11</b>	<b>Eng</b>	<b>\$3,900,000</b>	<b>Completed.</b>													
198	Construction	230 days	Mon 11/8/10	Fri 9/23/11																
199																				
200	<b>CC-1330 Corrosion Protection 36" Steel on Springdale</b>	<b>420 days</b>	<b>Mon 8/15/11</b>	<b>Fri 3/22/13</b>	<b>Eng</b>	<b>\$3,100,000</b>	<b>Design underway.</b>													
201	Design	165 days	Mon 8/15/11	Fri 3/30/12																
202	Construction	120 days	Mon 10/8/12	Fri 3/22/13																
203																				
204	<b>WATER MAIN REPLACEMENT</b>	<b>535 days</b>	<b>Mon 4/4/11</b>	<b>Fri 4/19/13</b>																
205	<b>CC-1409 &amp; 1412 Water Main Replacement @ Sunset Beach Area</b>	<b>535 days</b>	<b>Mon 4/4/11</b>	<b>Fri 4/19/13</b>	<b>Eng</b>	<b>\$1,400,000</b>	<b>Design underway.</b>													
206	Design	260 days	Mon 4/4/11	Fri 3/30/12																
207	Construction	160 days	Mon 9/10/12	Fri 4/19/13																
208																				
209	<b>WATER MASTER PLANNING STUDIES</b>	<b>295 days</b>	<b>Mon 11/1/10</b>	<b>Fri 12/16/11</b>																
210	<b>Update to the Water Master Plan</b>	<b>295 days</b>	<b>Mon 11/1/10</b>	<b>Fri 12/16/11</b>	<b>Eng/Ops</b>	<b>\$350,000</b>	<b>Study underway.</b>													
211	Study	295 days	Mon 11/1/10	Fri 12/16/11																
212																				
213	<b>WATER SYSTEM RELIABILITY STUDIES</b>	<b>645 days</b>	<b>Mon 12/7/09</b>	<b>Fri 5/25/12</b>																
214	<b>Study Elimination of Potential Choke Points Near Overmyer Reservoir</b>	<b>525 days</b>	<b>Mon 12/7/09</b>	<b>Fri 12/9/11</b>	<b>Eng</b>	<b>\$75,000</b>	<b>Study underway.</b>													
215	Study	525 days	Mon 12/7/09	Fri 12/9/11																
216																				
217	<b>Study to Create Potential Redundancy of the Northern End of the 36" Main OC-35</b>	<b>505 days</b>	<b>Mon 1/4/10</b>	<b>Fri 12/9/11</b>	<b>Eng</b>	<b>\$75,000</b>	<b>Study underway. Need field testing during Summer 2011.</b>													
218	Study	505 days	Mon 1/4/10	Fri 12/9/11																
219																				
220	<b>Study to Utilize 21" Steel OC-9 for Dedicated Well Water Transmission</b>	<b>170 days</b>	<b>Mon 10/3/11</b>	<b>Fri 5/25/12</b>	<b>Eng</b>	<b>\$200,000</b>	<b>Construct in FY 11/12.</b>													





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

Item No. PWC 11-24

**SUBMITTED TO:** Chairman Siersema and Members of the Commission

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

**DATE:** October 19, 2011

**SUBJECT:** Arterial Highway Rehabilitation Project, CC-1413, Center Avenue (along proposed Costco frontage, approximately 1,300 linear feet); Magnolia Street (Indianapolis Avenue to Adams Avenue); Springdale Street (Warner Avenue to Edinger Avenue)

**Statement of Issue:** Plans and specifications for the Arterial Highway Rehabilitation Project, CC-1413 are in final preparation. Staff is seeking support for the project and the initiation of the competitive bid process.

**Funding Source:** Funds are available in the amount of \$500,000 from Measure M, Account No. 21390019; \$1,300,000 from the Capital Improvement Reserve, Account No. 10040314; and \$1,750,000 from the Gas Tax Fund, Account No. 20790008. The engineer's estimate is \$2,600,000.

**Impact on Future Maintenance Costs:** Future maintenance costs are expected to be reduced as a result of the project.

**Recommended Action:** Motion to recommend to the City Council, the Arterial Highway Rehabilitation Project, CC-1413.

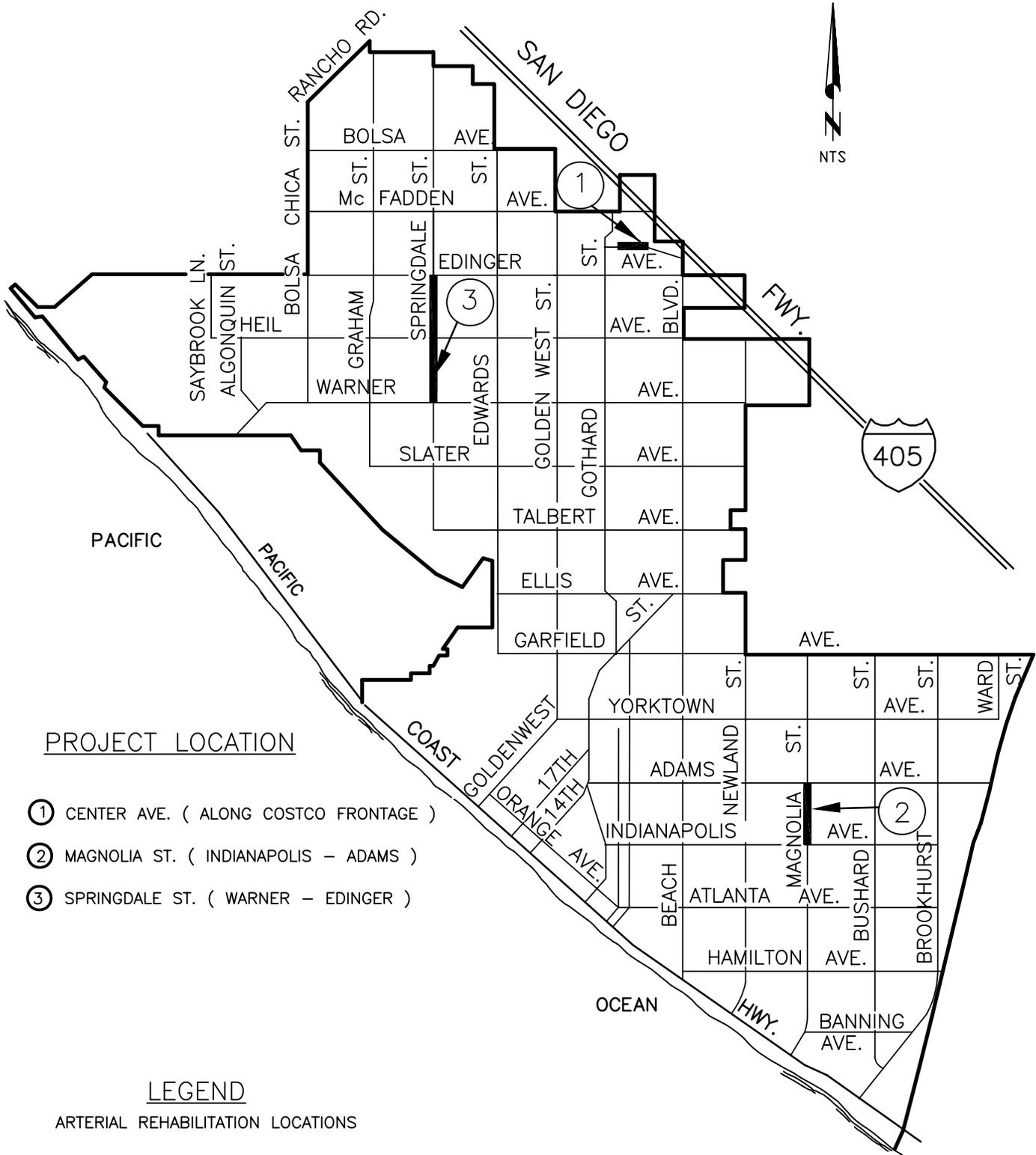
**Alternative Action(s):** Deny approval and recommend an alternative action.

**Analysis:** The project locations are Center Avenue, from the east side of railroad crossing to approximately 1300 feet east along proposed Costco frontage; Magnolia Street from Indianapolis Avenue to Adams Avenue; Springdale Street from Warner Avenue to Edinger Avenue. The projects consist of asphalt rehabilitation by either full depth reclamation or through conventional methods by grinding the existing pavement, removing failed roadway sections, and overlaying the street with rubberized asphalt concrete. Limited replacement of concrete curb, gutter, and sidewalk and construction of access ramps will be installed where needed. Manholes, monitoring wells, survey monuments, and water valve assemblies will be adjusted to grade and traffic loops and striping will be replaced.

**Attachments:**

1. Project Location Map

# **ATTACHMENT #1**



PROJECT LOCATION

- ① CENTER AVE. ( ALONG COSTCO FRONTAGE )
- ② MAGNOLIA ST. ( INDIANAPOLIS - ADAMS )
- ③ SPRINGDALE ST. ( WARNER - EDINGER )

LEGEND

ARTERIAL REHABILITATION LOCATIONS

REV 10/10/11

ARTERIAL REHABILITATION CONSTRUCTION, CC-1413  
PROJECT LOCATION MAP

CITY OF HUNTINGTON BEACH  
DEPARTMENT OF PUBLIC WORKS

