



AGENDA

PUBLIC WORKS COMMISSION CITY OF HUNTINGTON BEACH

Wednesday, April 15, 2015 – 5:00 PM
Utilities Yard
19021 Huntington Street
Huntington Beach, CA 92648

A. PLEDGE OF ALLEGIANCE

ROLL CALL

Berge, Capps, Carr,
Scandura, Stanford, Strook, Troxell

B. PRESENTATIONS-COMMENDATIONS

C. MINUTES

C-1. Minutes of March 18, 2015

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

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

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description, location maps and funding sources can be found in the FY 2014/15 Capital Improvement Program notebook, or on the city's website under Government, Current [Budget](#) information.

- F-3. Sewer System Operations and Wastewater Master Plan- Dorien McElroy and Todd Broussard will present.

G. ADMINISTRATIVE ITEMS

- G-1. FY 14/15 Arterial Rehabilitation- Plans and Specifications for the FY 14/15 Arterial Rehabilitation Project, CC-1470 are in final preparation. Staff is seeking support to begin the public bidding process.

Funding Source- Funds in the amount of \$3,197,200 are budgeted in the General Fund Account No. 10040314.82300 (\$1,000,000) and Measure "M" Account No. 21390008.82300 (\$2,197,000).

Recommended Action- Motion to approve that the FY 14/15 Arterial Rehabilitation Project, CC-1470, is in general conformance with the approved CIP.

- G-2. Main Street Library ADA Restroom- Plans and Specifications for the Main Street Library ADA Restroom, MSC 495, are in final preparation. Staff is seeking support to begin the public bidding process.

Funding Source- Funds in the amount of \$125,230 are budgeted in Community Development Block Grant Funds Account No. 86381501.82200.

Recommended Action- Motion to approve that the Main Street Library ADA Restroom, MSC 495, is in general conformance with the previously approved CIP.

- G-3. Review of Crosswalk Treatment Options for the Intersection of Newland and St. Augustine- The existing school area crosswalk markings are no longer applicable to this intersection. The City needs to make a determination on whether the marked crosswalk should be removed or reconfigured as a standard crosswalk.

Funding Source- Any modification (removal or reconfiguration) of the current signing and marking treatment of the crosswalk can be accomplished within the current maintenance operating budget for the Signs and Marking Maintenance section. Removal would cost approximately \$1,000 in labor and materials. Reconfiguration is estimated to cost approximately \$3,000 in labor and materials. The installation of 2 ADA compliant curb ramps would

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cost approximately \$7,000 and is not funded in the current operations and maintenance budget for the Public Works Department.

Recommended Action- Motion to support staff's recommendation to remove the existing school crosswalk treatment including all associated signs and pavement markings.

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

<p>NEXT PUBLIC WORKS COMMISSION MEETING <i>May 20, 2015, 5:00 PM, Utilities Yard</i></p>



MINUTES

CITY OF HUNTINGTON BEACH PUBLIC WORKS COMMISSION MARCH 18, 2015

**Call to Order/
Pledge of Allegiance:** The meeting was called to order at 5:00 P.M. by Chairperson Carr, who led Commissioners and the audience in the Pledge of Allegiance to the Flag.

Commissioners Absent: None

Commissioners Present: Commissioners Berge, Capps, Carr, Scandura, Stanford, Strook and Troxell were in attendance.

Others Present: Travis Hopkins, Director of Public Works
Todd Broussard, Principal Civil Engineer
Duncan Lee, Principal Civil Engineer
Brian Ragland, Utilities Manager
Jay Kleinheinz, Water Production Supervisor
Rudy Ocampo, Water Distribution Supervisor
Ken Dills, Project Manager
Kirsty Wapner, Administrative Assistant

B. PRESENTATIONS-COMMENDATIONS

None.

C. MINUTES

C-1. Commissioner Scandura wanted it recorded that on item G-4 from the February minutes, that had a property conflict of interest, which is why he abstained from the G-4 vote.

Motion by Commissioner Scandura, seconded by Commissioner Capps to approve the minutes of February 18, 2015 as presented.

VOTE: The motion carried.
AYES: 5
NOES: 0
ABSENT: 0
ABSTENTIONS: 2 (Berge, Stanford)

D. ORAL COMMUNICATIONS

None

E. DIRECTOR'S ITEMS

None.

F. INFORMATION ITEMS

F-1. Upcoming City Council Study Sessions – Travis Hopkins stated the Bolsa Chica Annexation would be presented on April 6. The Streetlight Buy-Back Program is being presented on April 20. Poseidon is tentatively being brought to Study Session on June 1. The CIP will probably be brought to Study Session on July 20.

F-2. Active Capital Project Report – Todd Broussard provided updates on the capital project report.

- Arterial Rehab- Main, Talbert, Indianapolis- will be presented at the PWC in April, with work to begin in early June.
- Residential Pavement Rehab Zone 8- opening bids next Tuesday.
- Beach Parking Lot- opened bids last Tuesday and came in below the Engineers estimate. Strict timelines on this project.
- Traffic Signal Modifications Magnolia/Yorktown and Adams/Bushard- awarded Monday.
- Edgewater Lift Station- recently awarded Professional Services Contract to start design on contract and will begin soon.

Commissioner Capps inquired about the work to be done on PCH. Broussard stated that work is not listed on this sheet because Caltrans is doing it.

F-3. Water Supply and Engineering Presentation – Travis Hopkins presented on water supply sources. Approximately 70% of our water is from groundwater and 30% is from MWD. Commissioner Scandura inquired about Poseidon. Hopkins stated OCWD is considering a water purchase agreement. Coastal Commission is the last permit required. There are a number of factors and issues with Poseidon. South Orange County has all imported water.

Jay Kleinheinz presented a PowerPoint on water production in the City, providing information on equipment and terminology. Commissioner Berge asked about natural gas vehicles within Public Works. A few trucks were noted at the Utilities Yard. Chair Carr inquired about outreach for employment opportunities. Employment opportunities are posted and advertised at Rancho Santiago College, where different cert and training programs are taught.

Rudy Ocampo provided a presentation on water distribution, explaining the different duties of his division and staff.

Duncan Lee presented on water infrastructure master planning.

Chair Carr asked about the statistics with the City of Westminster. Ken Dills stated it may not be a fair comparison due to businesses, density and other contributing factors.

G. ADMINISTRATIVE ITEMS

None.

H. WRITTEN COMMUNICATIONS

None.

I. COMMISSION AND STAFF COMMENTS

None.

J. ADJOURNMENT

The meeting adjourned at 6:50 PM to April 15, 2015 at 5:00 PM at the Utilities Yard.

Kim Carr
Chairperson

Kirsty Wapner
Administrative Assistant

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

4/9/15

ID	Task Name	Duration	Start	Finish	Budget	Comments	2015											
							D	J	F	M	A	M	J	J	A	S	O	N
37	CC-1470 Arterial Rehab-Main (Yorktown to Garfield),Lake (Indianapolis to Adams),Indianapolis St (Magnolia to Brookhurst)	266 days	1/5/15	1/11/16	\$3,200,000	Under Design												
38	Design	86 days	1/5/15	5/4/15														
39	Bidding/Award (3 Months)	60 days	5/5/15	7/27/15														
40	Construction	120 days	7/28/15	1/11/16														
41	Arterial Rehab-Main (Garfield to Beach),Talbert (Gothard to Beach), Indianapolis (Newland to Magnolia)	266 days	5/5/15	5/10/16	\$3,200,000	Not Started												
42	Design	86 days	5/5/15	9/1/15														
43	Bidding/Award (3 Months)	60 days	9/2/15	11/24/15														
44	Construction	120 days	11/25/15	5/10/16														
45	CC-1454 Beach / Edinger Improvements	315 days	7/14/14	9/25/15	\$350,000	Constr Awarded. Waiting for Caltrans Approval												
46	Design	86 days	7/14/14	11/10/14														
47	Bidding/Award (3 Months)	60 days	11/11/14	2/2/15														
48	Construction	120 days	4/13/15	9/25/15														
49	Gothard Street/Center Ave Rehabilitation	400 days	9/29/14	4/8/16	\$350,000	Design Complete, waiting for developments to												
50	Design	86 days	9/29/14	1/26/15														
51	Bidding/Award (3 Months)	60 days	8/3/15	10/23/15														
52	Construction	120 days	10/26/15	4/8/16														
53																		
54	NEIGHBORHOOD/LOCAL STREET	220 days	9/22/14	7/24/15														
55	CC-1503 Resid Pavement Rehab - Zone 8 - Angler Ln + Palisade Dr (Brkhst Frontage Rd)	220 days	9/22/14	7/24/15	\$2,750,000	Bids Received, Award 4/20												
56	Design	86 days	9/22/14	1/19/15														
57	Remove Trees, Replace C&G, S/W	66 days	11/13/14	2/12/15														
58	Crack Seal	20 days	6/29/15	7/24/15														
59	Bidding/Award (3 Months)	60 days	1/20/15	4/13/15														
60	Construction	45 days	4/14/15	6/15/15														
61																		
62	TRANSPORTATION	653 days	10/7/13	4/6/16														
63	CC-1421 Signal Synchronization - Goldenwest (SR22 to PCH)	425 days	12/9/13	7/24/15	\$317,000	OCTA Administered												
64	Design	255 days	12/9/13	11/28/14														
65	Construction	120 days	2/9/15	7/24/15														
66	CC-1423 Signal Synchronization - Warner (PCH to Red Hill)	415 days	12/23/13	7/24/15	\$343,000	OCTA Administered												
67	Design	255 days	12/23/13	12/12/14														

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

4/9/15

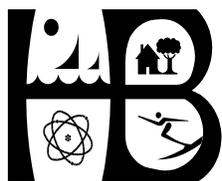
ID	Task Name	Duration	Start	Finish	Budget	Comments	2015											
							D	J	F	M	A	M	J	J	A	S	O	N
490	Permits	120 days	12/15/14	5/29/15														
491	Design	380 days	10/21/13	4/3/15														
492	Bidding/Award (3 Months)	64 days	6/15/15	9/10/15														
493	Construction	60 days	9/11/15	12/3/15														
494																		
495	WATER ENGINEERING STUDIES	1525 days	3/22/10	1/22/16														
496	Study Elimination of Potential Choke Points Near Overmyer Reservoir	1315 days	3/22/10	4/3/15	\$75,000	Draft study done. Field testing to												
497	Study	1315 days	3/22/10	4/3/15														
498	Study to Create Potential Redundancy of the Northern End of the 36" Main OC-35	1295 days	4/19/10	4/3/15	\$75,000	Study underway. Field testing during												
499	Study	1295 days	4/19/10	4/3/15														
500	Groundwater Master Plan	240 days	2/23/15	1/22/16		Not Started												
501	Design	240 days	2/23/15	1/22/16														
502	LPG Station at Utilities Yard	240 days	2/23/15	1/22/16		Not Started												
504	Overmyer Booster Station Dual Drive	240 days	2/23/15	1/22/16		Not Started												
506	Well 12 Abandonment/Demolition	150 days	3/9/15	10/2/15		Not Started												



~2015~ City Council Study 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	STATUS	SUBJECT	DEPT HEAD
2015			
Jan. 5, 2015		NO MEETING	
Jan. 20, 2015		General Plan Update Fireworks Ordinance	Hess
Feb. 2, 2015		Investment Advisory Board Annual Report BECSP Options	Cutcheon Hess
Feb. 17, 2015		Massage Ordinance Park Master Plan Update	Handy/Hess Laudenback
Mar. 2, 2015		Beach/Edinger Corridor	Hess
Mar. 16, 2015		1. PD Staffing 2. Parking Permit Program	Handy Hopkins
April 6, 2015		Bolsa Chica Annexation	Wilson
April 20, 2015	<i>new</i>	Rogers Senior Center	Fritzal
May 4, 2015		Mid-year Budget Review	Farrell
May 18, 2015		Streetlight Buy-Back Program/RMDZ	Wilson
June 1, 2015		1. Poseidon 2. Vacation Rentals	Hopkins Gates
June 15, 2015		Council/CPAB – CDBG Recommendations	Fritzal
July 6, 2015		FY 15/16 Proposed Budget	Farrell
July 20, 2015			
Aug. 3, 2015		CIP	Hopkins
Aug. 17, 2015			
Sept. 8, 2015			
Sept. 21, 2015			
Oct. 5, 2015			
Oct. 19, 2015			
Nov. 2, 2015			
Nov. 16, 2015			
Dec. 7, 2015		Mayoral Transition	
Dec. 21, 2015			



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

Item No. PW 15-08

SUBMITTED TO: Chair Carr and Members of the Commission

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

DATE: April 15, 2015

SUBJECT: FY 14/15 Arterial Rehabilitation, CC-1470

Statement of Issue: Plans and Specifications for the FY 14/15 Arterial Rehabilitation Project, CC-1470 are in final preparation. Staff is seeking support to begin the public bidding process.

Funding Source: Funds in the amount of \$3,197,200 are budgeted in the General Fund Account No. 10040314.82300 (\$1,000,000) and Measure "M" Account No. 21390008.82300 (\$2,197,000).

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

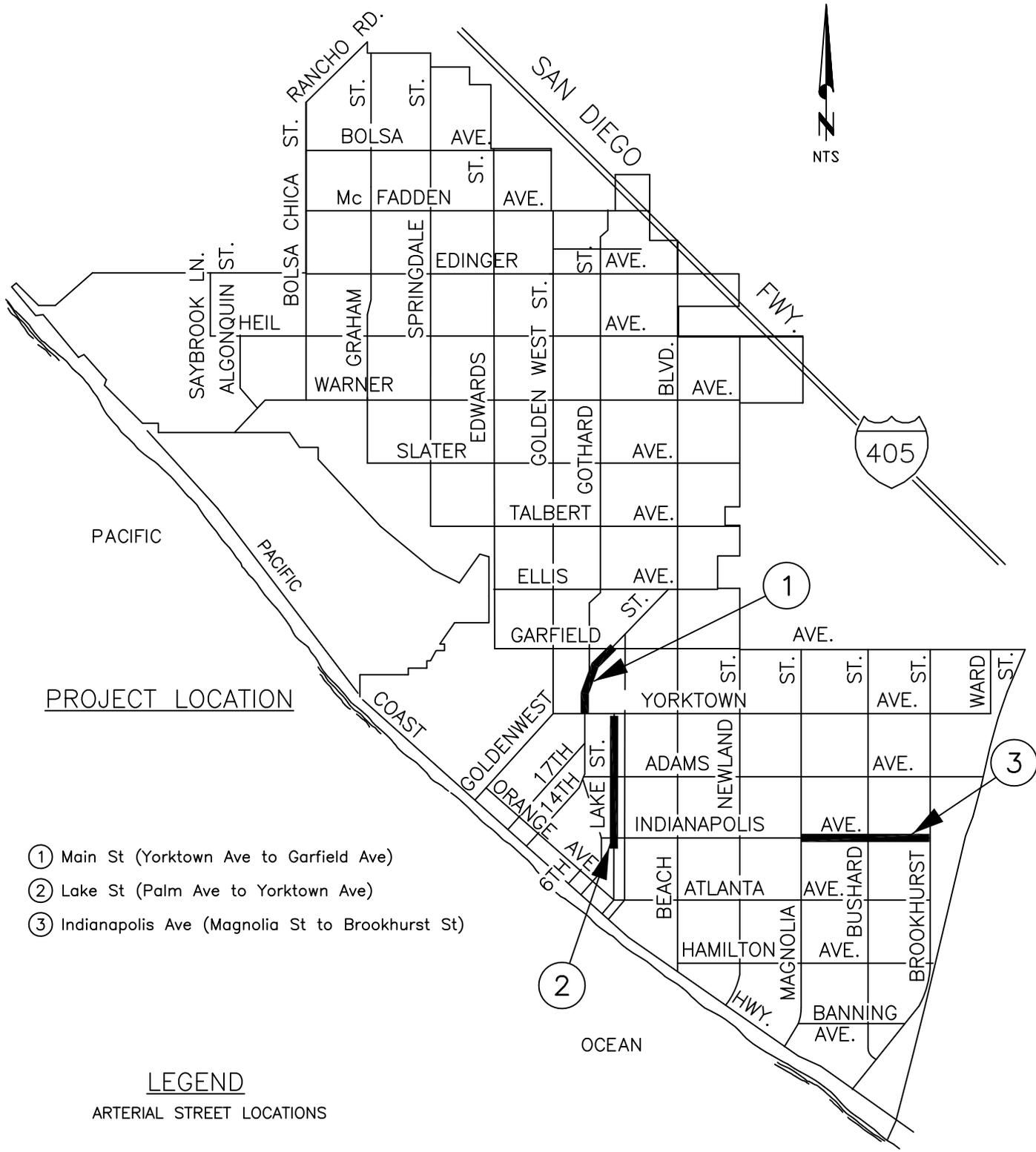
Recommended Action: Motion to approve that the FY 14/15 Arterial Rehabilitation Project, CC-1470, is in general conformance with the approved CIP.

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

Analysis: The project locations for the FY 14/15 Arterial Rehabilitation Project, are Main Street (Yorktown Avenue to Garfield Avenue), Lake Street (Palm Avenue to Yorktown Avenue), and Indianapolis Avenue (Magnolia Street to Brookhurst Street). The project rehabilitation methods include grinding out failed asphalt and replacing with fiber reinforced asphalt concrete (FRAC) as well as standard overlay and slurry sealing as the conditions warrant. Sewer manholes and water meter boxes and valves will be adjusted to grade as necessary. The segments of Main Street, Lake Street and Indianapolis Avenue have had some overlay work last performed in the 1990's.

Attachments:

1. Project Location Map



- ① Main St (Yorktown Ave to Garfield Ave)
- ② Lake St (Palm Ave to Yorktown Ave)
- ③ Indianapolis Ave (Magnolia St to Brookhurst St)

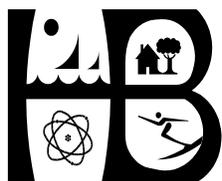
LEGEND

ARTERIAL STREET LOCATIONS

REV 04/03/15

FY 14/15 ARTERIAL REHABILITATION, CC-1470
 PROJECT LOCATION MAP
 CITY OF HUNTINGTON BEACH
 DEPARTMENT OF PUBLIC WORKS





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

Item No. PW 15-09

SUBMITTED TO: Chair Carr and Members of the Commission

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

DATE: April 15, 2015

SUBJECT: Main Street Library ADA Restroom, MSC 495

Statement of Issue: Plans and Specifications for the Main Street Library ADA Restroom, MSC 495, are in final preparation. Staff is seeking support to begin the public bidding process.

Funding Source: Funds in the amount of \$125,230 are budgeted in Community Development Block Grant Funds Account No. 86381501.82200.

Impact on Future Maintenance Costs: There are minimal future maintenance costs associated with this project.

Recommended Action: Motion to approve that the Main Street Library ADA Restroom, MSC 495, is in general conformance with the previously approved CIP.

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

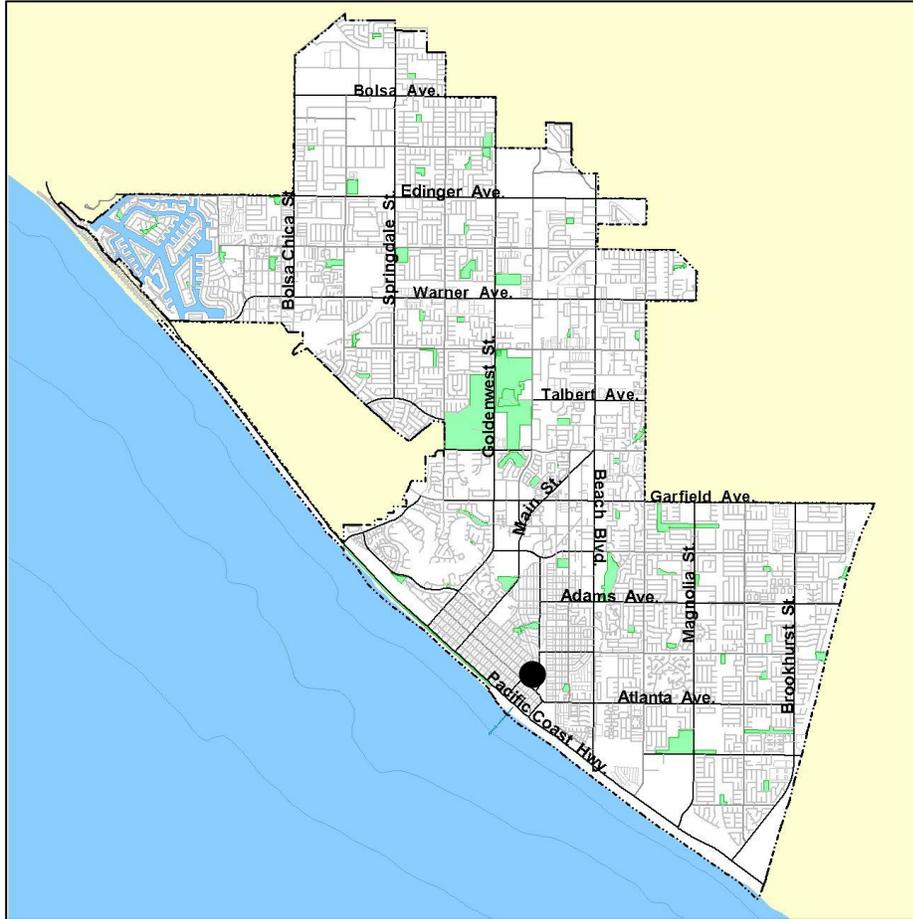
Analysis: Many city facilities were constructed prior to the adoption of Federal and state mandates collectively known as the Americans with Disabilities Act (ADA). ADA statutes require the city to provide facilities and programs that are accessible to individuals with disabilities, which can include not only mobility constraints, but also sensory constraints (hearing, vision, touch) and manual dexterity. Since 2007, staff has been working to identify sites, secure funding, and construct improvements that remove barriers to access at various city facilities.

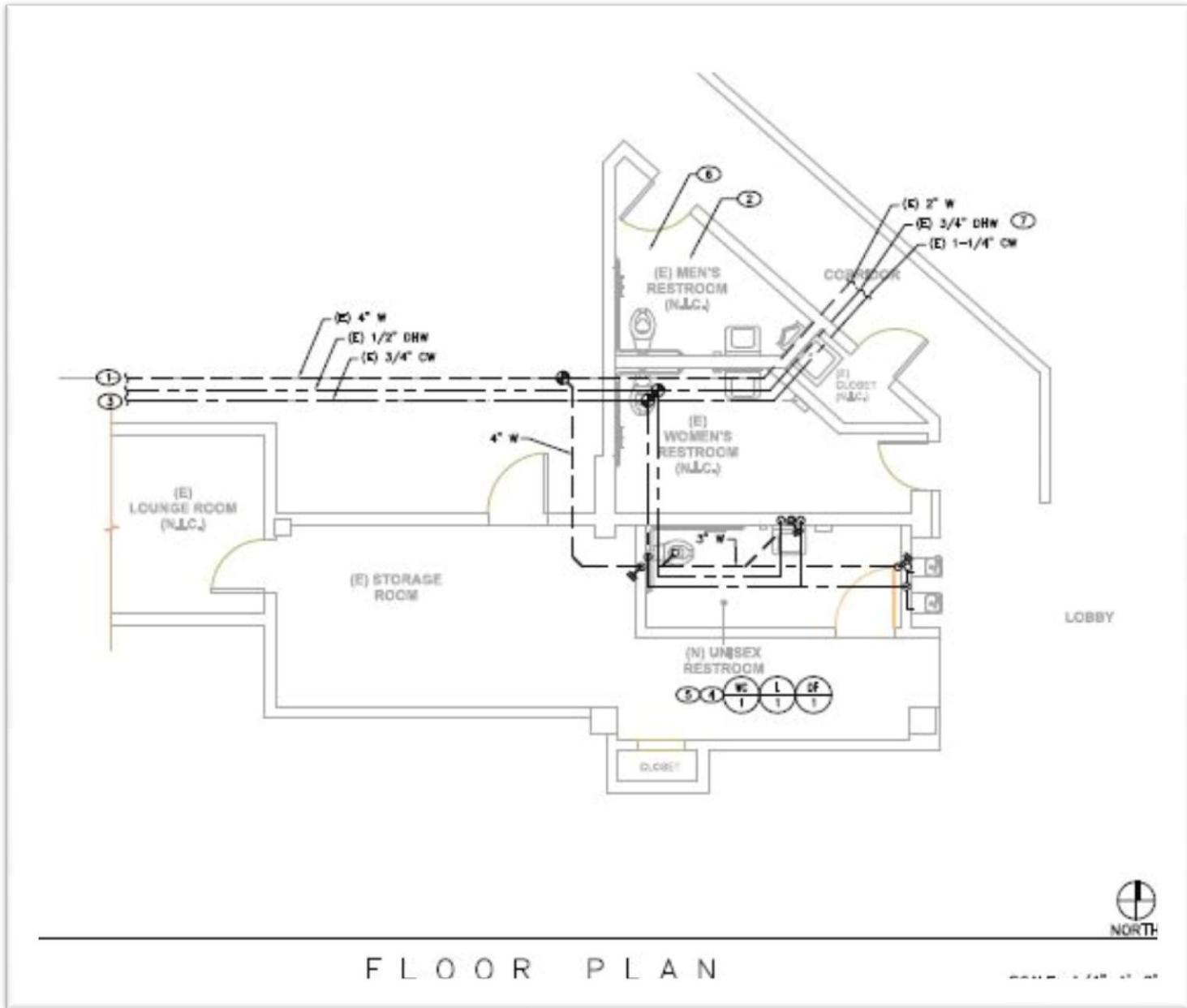
Public Works is the recipient of Community Development Block Grant funds for the construction of ADA improvements at the Main Street Library, located at 501 Main Street adjacent to Triangle Park. Improvements to this facility will consist of the construction of one new unisex, accessible restroom and associated signage in an area currently designated for storage and for used book sales. Because the facility is a designated historic structure listed on the National

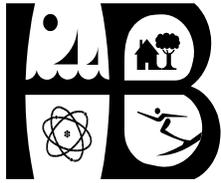
Register, staff worked with the Planning Department to submit and receive clearance for this project from the State Historic Preservation Office.

Attachments:

1. Project Location Map
2. Floor Plan diagram







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

Item No. PW 15-10

SUBMITTED TO: Chair Carr and Members of the Commission

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

DATE: April 15, 2015

SUBJECT: Review of Crosswalk Treatment Options for the Intersection of Newland Street and St. Augustine Drive

Statement of Issue: The existing school area crosswalk markings are no longer applicable to this intersection. The City needs to make a determination on whether the marked crosswalk should be removed or reconfigured as a standard crosswalk.

Funding Source: Any modification (removal or reconfiguration) of the current signing and marking treatment of the crosswalk can be accomplished within the current maintenance operating budget for the Signs and Marking Maintenance section. Removal would cost approximately \$1,000 in labor and materials. Reconfiguration is estimated to cost approximately \$3,000 in labor and materials. The installation of 2 ADA compliant curb ramps would cost approximately \$7,000 and is not funded in the current operations and maintenance budget for the Public Works Department.

Impact on Future Maintenance Costs: The City would realize minor maintenance budget savings with removal of the crosswalk of less than \$500 per year. Reconfiguration of the crosswalk would continue current annual maintenance expenditures of the same amount.

Recommended Action: Motion to support staff's recommendation to:

1. Remove the existing school crosswalk treatment including all associated signs and pavement markings.

Alternative Action(s):

1. Remove the existing school crosswalk treatment including all associated signs and pavement markings; and,
2. Install a standard white crosswalk at the intersection with appropriate motorist warning signs and pavement markings and ADA improvements.

Analysis:

The California Manual on Uniform Traffic Control Devices (CAMUTCD) sets forth standards for the application and use of traffic control devices throughout the State. The document includes detailed information regarding the appropriate use of school area signs and markings, including those associated with school area marked crosswalk. Kettler Elementary School (located on Dorsett Lane) was closed by the Huntington Beach City School District in 2005 and has not been functioning as a school since that time. The school area marked crosswalk at the intersection of St. Augustine and Newland Street served students attending that school and was also staffed with a crossing guard during school arrival and departure times.

With the closure of the school, the crossing no longer meets the basic requirements of a school area crosswalk – being greater than 600 feet from any school grounds. Retaining a yellow school crosswalk that does not comply with these requirements may expose the City to claims in the event an accident should occur. A school area crosswalk treatment is intended to accommodate school activities and warn motorists of the activity that could be expected during normal school times. It is possible that motorists may not expect use of a school crosswalk outside of typical school times and non-school pedestrians may expect motorist recognition when using the crosswalks at other times.

These factors have compelled staff to recommend that the existing school crosswalk treatment be removed. There are two options to consider with the removal of the yellow school area crosswalk.

1. Permanently eliminate any crosswalk markings and signs in the area, retaining the ability for pedestrians to legally cross at this or any other location in the area. Removal of the crosswalk would not make it illegal for pedestrians to cross Newland Street. The jaywalking law would not apply in this situation. Anyone crossing the street would be required to exercise appropriate discretion in doing so in conformance with the requirements of the California Vehicle Code.
2. Reestablish a standard crosswalk treatment with a marked white crosswalk and standard pedestrian warning signs for motorists. This would indicate that pedestrians have a greater degree of right-of-way when crossing within the crosswalk and motorists would be expected to anticipate potential pedestrian crossing at any time of the day or night. Install curb ramps at the crosswalk compliant with current ADA requirements.

General use white marked crosswalks are used in areas where pedestrians need additional guidance towards a particular location to cross a street and/or where a relatively large concentration of pedestrian activity takes place. Along with signs and other pavement markings, crosswalk markings help to alert

motorists of a designated crossing point at locations not controlled by traffic signals, stops or yields.

The CAMUTCD cautions against the indiscriminant use of crosswalk lines and recommends that engineering studies should be conducted at any location away from a traffic signal or an approach not controlled by stop or yield signs. Staff has completed an analysis of the use and conditions at the crossing as part of this review. Pedestrian counts were conducted for 24 hour periods on 5 days. One day was Wednesday, March 11, followed by 4 consecutive days between Thursday, March 26 and Sunday, March 29. The counts were conducted using video cameras, with the video images evaluated afterward. The following summarizes the results of the counts:

Count Day	Total 24 hr Ped Count	Peak 1 hr Ped Count	Peds @ School Times
Wed – 3/11/15	9	2	2
Thurs – 3/26/15	21	6	1
Fri – 3/27/15	28	6	2
Sat – 3/28/15	21	4	n.a.
Sun – 3/29/15	29	8	n.a.

These pedestrian volumes do not represent high volumes of pedestrians for a typical neighborhood intersection with an arterial, but are probably slightly higher than average. There are indications that a significant portion of the pedestrian crossings at this location are related local neighborhood use of the nearby Ralph Bauer park, approximately 2 blocks south of the intersection. Resident that live in the tract west of Newland Street would naturally use St. Augustine as an exit point from the tract to go towards the park. The crosswalk may also serve as an access path for residents from the west side of Newland wishing to go to Edison Community Park via a small pedestrian path at the intersection of Sable Drive and Breton Lane.

Pedestrians wishing to go to Ralph Bauer Park have another option for a more protected crossing of Newland Street at the traffic signal controlled intersection of Newland Street and Hamilton Ave. As an alternative to crossing at St. Augustine, pedestrians from the north would need to walk approximately 900 feet (less than 0.20 of a mile) further to go to the park. By typical traffic engineering standards, this is considered a reasonable alternative walking distance to the park. The pedestrian crossings at the intersection of Newland and Hamilton are currently ADA compliant.

The walking distance for pedestrians currently using the crosswalk to go to Edison Community Park would increase between 0 and 1000 feet by using the Newland/Hamilton crossing, depending on their desired destination in the park.

Removal of the marked crosswalk would not prohibit any of the current pedestrians using the intersection to cross Newland from doing so, with the crossing remaining legal. However, those wishing to cross Newland at a location with enhanced control of auto traffic and greater compliance in yielding right-of-way to pedestrians have a very viable option of walking less than 1,000 feet further to cross at the Newland/Hamilton intersection.

Other factors to consider as part of the review of the crosswalk treatment are the traffic volumes, speed, visibility conditions and lighting at the Newland/St. Augustine location.

General Conditions: The segment of Newland near St. Augustine is generally a divided roadway (separated by a painted median or two way left turn lane) with bike lanes and no on-street parking. As southbound traffic approaches the intersection, there are two southbound lanes being reduced to a single lane just south of the intersection. In the northbound direction, the opposite is occurring. There is a single northbound lane until just south of the St. Augustine intersection when a second lane is added. Through the intersection and continuing to the north there are 2 northbound travel lanes.

Traffic volumes: Typical daily traffic volumes on this section of Newland are about 13,000 vehicles. For this type of street, this level of traffic is considered relatively low with a typical capacity for this section of Newland being about 15,000 vehicles per day. The CAMUTCD does recognize that roadways with 12,000 vehicles per day or more for a 4 lane roadway with conditions similar to those at this intersection, combined with a 40 miles per hour speed limit or more as a condition warranting consideration of enhanced treatments.

Vehicle speeds: This segment of Newland has a posted speed limit of 45 miles per hour with an 85th percentile speed of 47 miles per hour. This represents relatively fast typical travel speeds requiring greater stopping distances and visibility.

Visibility: This section of Newland is essentially flat and straight in alignment. On-street parking is prohibited in this area and there are few street trees in the area to affect visibility of roadside signs or conditions. The biggest single factor affecting visibility at the intersection, related to the crosswalk is the number of travel lanes on the roadway. With 2 southbound travel lanes approaching the crosswalk and the beginning of a second northbound travel lane approaching the crosswalk, the issue of other vehicles affecting visibility is a key consideration. It is recognized that a motorist trailing another vehicle in an adjacent lane can have their visibility of a pedestrian crossing a street obscured by the vehicle. In those cases, the front vehicle may stop for a pedestrian while the adjacent

motorist may not realize that there is a pedestrian in the area, resulting in potential exposure of the pedestrian to a collision if they are not looking out for such a condition. This potential does exist in both direction on Newland, though to a lesser extent in the northbound direction.

Lighting: Street lighting is provided in the area with the nearest streetlight approximately 30 feet north of the crosswalk on the west side of the street. There are no streetlights on the east side of the street near the crosswalk that would provide any illumination of the crossing. Generally, the current lighting in the area would be considered adequate, though it is a bit darker on the east side of the street. Ideally, additional lighting would be available to better illuminate the east side of the crosswalk.

Accident History: Accident records for the intersection were reviewed for the last 15 years. A total of 6 accidents have occurred in the intersection since January 1, 2000. However, 5 of those accidents have occurred since 2010. One accident did involve a pedestrian crossing Newland Street at 10 pm in 2012. The information available indicates that the pedestrian was found to be at fault in the accident, which also involved a northbound vehicle. The accident resulted in injury, but not a fatality. None of the other accidents at the intersection appear to involve use of the crosswalk in any way.

Recommendation: Based on review and consideration of all of the factors related to the use and conditions at the Newland Street and St. Augustine crosswalk, staff recommends complete removal of the crosswalk and to not install a standard white crosswalk at the location. The following details the rationale for this recommendation.

- The existing yellow school crosswalk treatment should be removed because the area no longer meets the requirements for a school area crosswalk.
- Pedestrian use of the crosswalk is generally low with some of the likely attributable to area parks with alternative crossing locations with better traffic control and ADA accessibility.
- The speed and volume of traffic on Newland meets thresholds where enhanced crosswalk treatments should be considered if it is determined that a crosswalk is needed.
- The multi-lane configuration of Newland Street approaching the crosswalk creates a situation where visibility of pedestrians can be compromised by adjacent vehicles. Even with enhanced crosswalk treatments, these conditions cannot be fully mitigated.
- The merging activity for motorists in the southbound lane have the potential for the attention of motorists to be distracted from a potential pedestrian crossing as they look for opportunities to merge either in front of or behind a vehicle in the adjacent lane.

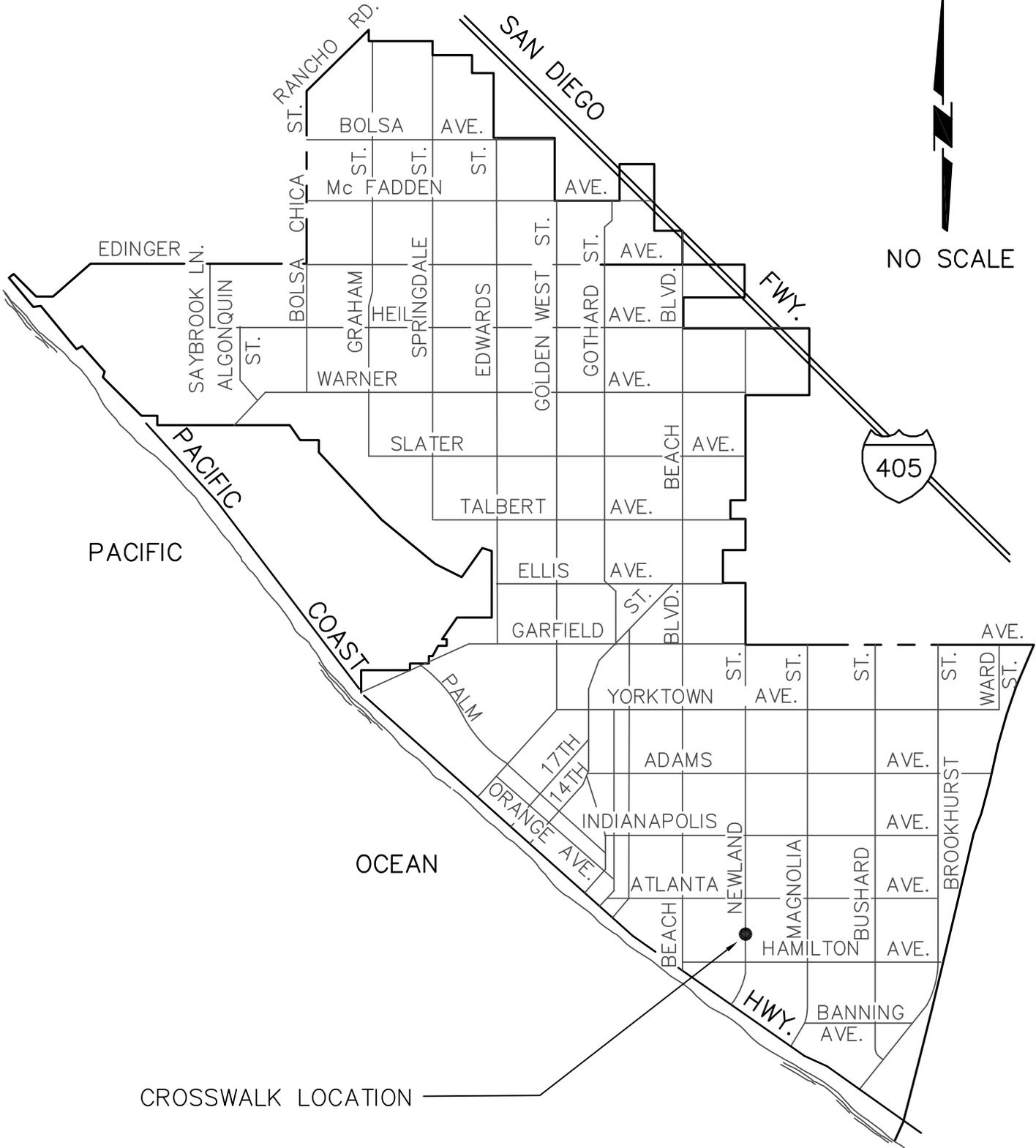
- The overall accident history for the intersection does not indicate that pedestrians have had significant difficulty crossing the intersection safely. However, it is unclear what role the marked crosswalk may have had in the one accident that did occur.
- The signal controlled intersection of Newland and Hamilton is located approximately 1,000 feet south of St. Augustine and is a viable alternative crossing point for many of the current crosswalk users. The traffic signal at the intersection offer pedestrians a high degree of traffic control when crossing the street and may result in relatively short additional walking distances for many pedestrians, depending on their ultimate destination.

Public Notice:

State law requires that an agency post notices at any crosswalk being considered for removal for a minimum of 30 days. The agency must also hold a public meeting regarding the consideration of the crosswalk removal following the 30 day notice. Staff posted signs at the crosswalk on March 12 notifying the public of the potential consider of crosswalk removal and the date, time and location of the public meeting. Up to the time of preparation of this report, one call was received from a resident expressing her concern for the crosswalk removal. She indicated that she uses the crossing regularly as she takes her children to Ralph Bauer Park. No other written or verbal communication has been received. Staff will provide copies of any other correspondence that may be received at the Public Works Commission meeting.

Attachments:

1. Location Map
2. Pedestrian Count Information
3. Aerial Photos of Crosswalk Area
4. Photograph of Posted Notice



CITY OF HUNTINGTON BEACH * PUBLIC WORKS



VICINITY MAP

ATTACHMENT

1

PREPARED BY NATIONAL DATA & SURVEYING SERVICES

PROJECT#: 15-1066-001

N/S Street: Newland St

E/W Street: St. Augustine Dr

DATE: 3/11/2015

DAY: Wednesday

CITY: Huntington Beach

A M

PEDESTRIANS

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
12:00 AM	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0	0	0
6:00 AM	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0
8:00 AM	0	1	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0
9:30 AM	0	0	0	0	0	0	0	0
9:45 AM	0	1	0	0	0	0	0	0
TOTALS	0	2	0	0	0	0	0	0

NOON*PEDESTRIANS*

TIME	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
10:00 AM	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0
10:30 AM	0	0	0	0	0	0	0	0
10:45 AM	0	1	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0
11:45 AM	2	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	0
1:15 PM	0	0	0	0	0	0	0	0
1:30 PM	0	0	0	0	0	0	0	0
1:45 PM	0	0	0	0	0	0	0	0
2:00 PM	0	0	0	0	0	0	0	0
2:15 PM	1	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0
TOTALS	3	1	0	0	0	0	0	0

P M
PEDESTRIANS

T I M E	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG	
	EB	WB	EB	WB	NB	SB	NB	SB
3:00 PM	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0
4:30 PM	2	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0
7:15 PM	0	1	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0
8:45 PM	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0
9:15 PM	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	0	0	0	0
9:45 PM	0	0	0	0	0	0	0	0
10:00 PM	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0
TOTALS	2	1	0	0	0	0	0	0

PEDESTRIAN STUDY

LOCATION: Marked crosswalk at Newland St & St Augustine Dr

CITY: Huntington Beach

TIME	Thursday, March 26, 2015		Friday, March 27, 2015		Saturday, March 28, 2015		Sunday, March 29, 2015	
	CROSSWALK		CROSSWALK		CROSSWALK		CROSSWALK	
	EB	WB	EB	WB	EB	WB	EB	WB
0:00	0	0	0	0	0	0	0	0
0:15	0	0	0	0	0	0	0	0
0:30	0	0	0	0	0	0	0	0
0:45	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0
1:15	0	0	0	0	0	0	0	0
1:30	0	0	0	0	0	0	0	0
1:45	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0
2:15	0	2	0	0	1	0	0	0
2:30	1	0	0	0	0	0	0	0
2:45	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0
3:15	0	0	0	0	0	0	0	0
3:30	0	0	0	0	0	0	0	0
3:45	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0
4:15	0	0	0	0	0	0	0	0
4:30	0	0	0	0	0	0	0	0
4:45	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0
5:15	0	0	0	0	0	0	0	0
5:30	0	0	0	0	0	0	0	0
5:45	0	0	0	0	0	0	0	0
6:00	1	0	0	0	0	0	0	0
6:15	0	1	0	0	0	0	0	0
6:30	0	0	0	1	0	0	0	0
6:45	0	0	0	0	0	0	0	0
7:00	0	0	0	0	0	0	0	0
7:15	0	0	0	0	0	0	0	0
7:30	0	0	0	0	0	1	0	0
7:45	0	0	0	0	0	1	0	0
8:00	0	1	0	0	0	1	0	1
8:15	0	0	0	0	0	0	0	0
8:30	0	0	0	0	0	1	0	0
8:45	0	0	0	1	0	2	0	0
9:00	0	0	0	0	0	0	0	0
9:15	0	0	2	0	0	0	0	1
9:30	0	0	0	0	0	1	0	2
9:45	0	0	0	0	0	0	0	1
10:00	0	0	0	0	0	1	0	0
10:15	0	0	0	0	0	0	0	0
10:30	0	0	0	2	0	0	0	4
10:45	0	0	0	0	0	0	2	0
11:00	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	1	0	0
11:30	0	0	0	0	0	0	0	2
11:45	0	0	0	0	0	0	0	0
12:00	0	0	0	3	0	1	0	0
12:15	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0

PEDESTRIAN STUDY

LOCATION: Marked crosswalk at Newland St & St Augustine Dr

CITY: Huntington Beach

TIME	Thursday, March 26, 2015		Friday, March 27, 2015		Saturday, March 28, 2015		Sunday, March 29, 2015	
	CROSSWALK		CROSSWALK		CROSSWALK		CROSSWALK	
	EB	WB	EB	WB	EB	WB	EB	WB
12:45	0	0	0	0	0	0	0	1
13:00	0	1	0	0	0	0	0	1
13:15	0	0	0	0	0	0	0	0
13:30	0	0	3	0	0	0	0	1
13:45	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0
14:30	0	0	1	0	0	0	0	0
14:45	0	0	0	0	0	0	0	1
15:00	0	0	0	0	0	0	0	0
15:15	0	0	0	1	0	0	0	0
15:30	0	0	0	0	0	1	0	0
15:45	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0
16:15	0	0	1	0	0	0	0	1
16:30	0	0	0	0	0	0	0	0
16:45	0	0	0	2	0	0	0	0
17:00	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0
17:30	2	2	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	1	2	0
18:15	0	1	0	0	0	0	2	0
18:30	2	0	0	0	0	0	0	2
18:45	0	0	0	0	0	0	2	0
19:00	0	1	3	1	0	0	0	1
19:15	0	0	2	0	0	2	0	0
19:30	0	2	0	0	0	0	0	0
19:45	0	0	0	0	0	0	0	0
20:00	2	0	0	0	2	0	0	0
20:15	0	2	0	0	0	0	0	0
20:30	0	0	0	0	1	0	1	0
20:45	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0
21:15	0	0	0	0	0	0	0	0
21:30	0	0	1	1	0	0	1	0
21:45	0	0	1	0	0	2	0	0
22:00	0	0	0	0	0	0	0	0
22:15	0	0	0	0	0	0	0	0
22:30	0	0	1	1	0	0	0	0
22:45	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0
23:15	0	0	0	0	0	1	0	0
23:30	0	0	0	0	0	0	0	0
23:45	0	0	0	0	0	0	0	0
TOTALS	8	13	15	13	4	17	10	19



rive

Newland St

St Augustine Dr

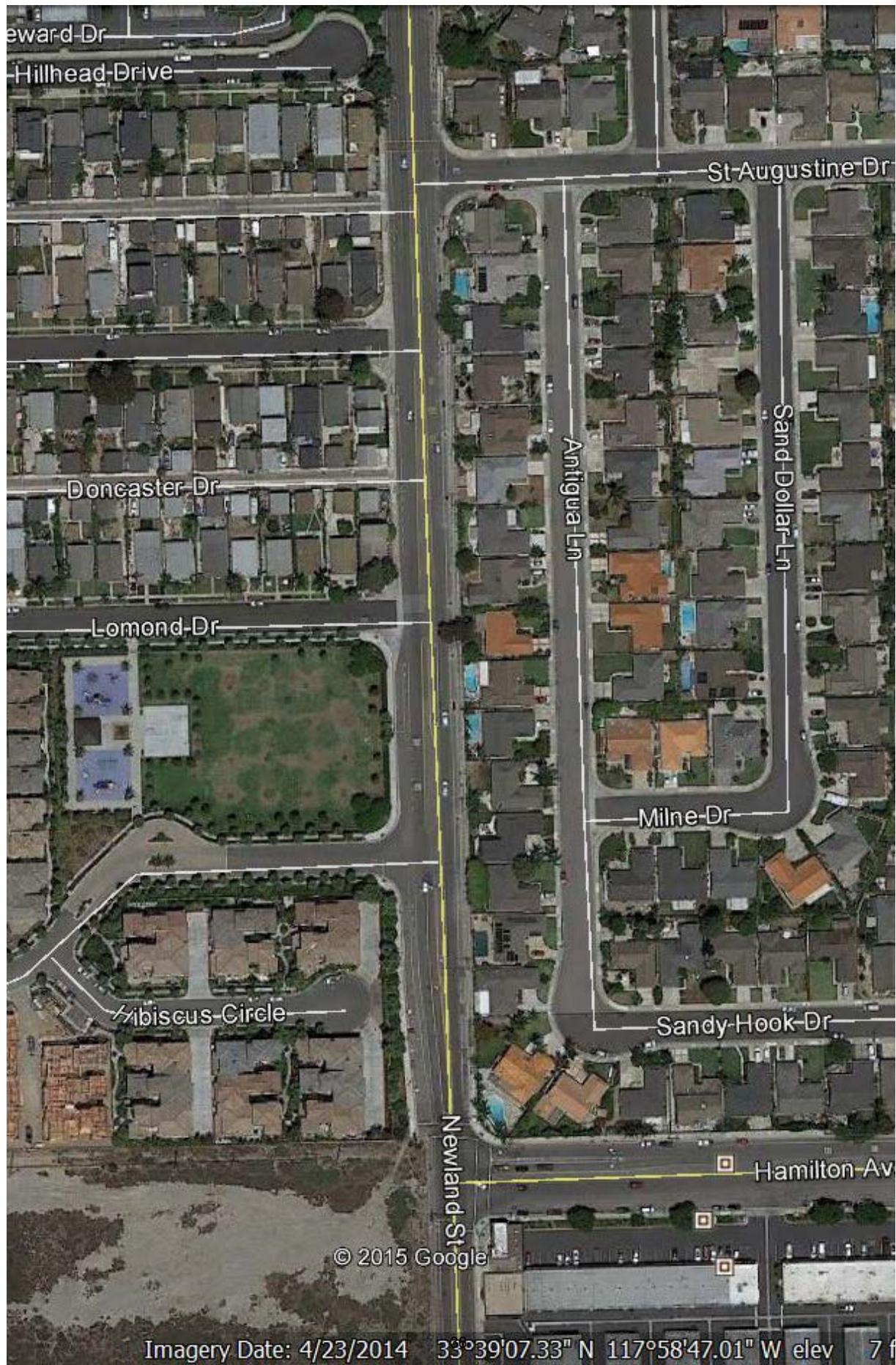
Antigua Ln

Doncaster Dr

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Imagery Date: 4/23/2014 33°39'13.13" N 117°58'46.34"

1994



eward-Dr

Hillhead-Drive

St-Augustine-Dr

Doncaster-Dr

Antigua-Ln

Sand-Dollar-Ln

Lomond-Dr

Milne-Dr

Abiscus-Circle

Sandy-Hook-Dr

Newland-St

Hamilton-Av

© 2015 Google

Imagery Date: 4/23/2014 33°39'07.33" N 117°58'47.01" W elev 7 f

PUBLIC NOTICE

PROPOSED MARKED CROSSWALK REMOVAL

The Public Works Commission of the City of Huntington Beach will consider the permanent removal of THIS MARKED CROSSWALK at its April 15, 2015 regular meeting beginning at 5:00 p.m. at the City Utility Yard, 19021 Huntington Street Huntington Beach, California. The public is encouraged to attend this meeting to express their opinions regarding the recommended proposed removal or present their opinions in writing. Removal is being considered due to the Kettler School closure.

Written comments may be submitted to:

**City of Huntington Beach
Department of Public Works
2000 Main Street
Huntington Beach, CA 92648**

If you have any questions regarding the recommended marked crosswalk removal please call Transportation Engineering at (714)536-5431

03.13.2015