


**CITY OF MANHATTAN BEACH
DEPARTMENT OF COMMUNITY DEVELOPMENT**

TO: Parking and Public Improvements Commission

FROM: Richard Thompson, Director of Community Development
Nhung Madrid, Senior Management Analyst *nm*
Erik Zandvliet, Traffic Engineer 

DATE: January 23, 2014

SUBJECT: Consider a Request for Stop Signs at 21st Street/22nd Street and Magnolia Avenue

RECOMMENDATION:

Staff recommends that the Parking and Public Improvements Commission pass a motion to recommend that the City Council adopt a resolution to install stop signs in all directions at the intersection of 21st Street/22nd Street and Magnolia Avenue.

BACKGROUND:

On August 14, 2013, the City received a request from Ms. Mecia Sabbe, a local resident, to install stop signs in all directions at the intersection of 21st Street/22nd Street and Magnolia Avenue (Exhibit 1). She explained that she has been involved in several incidences when crossing the intersection with her children. Ms. Sabbe says there is limited visibility due to the curves, and parked cars make it difficult to see oncoming vehicles.

DISCUSSION:

The intersection of 21st Street and 22nd Street at Magnolia Avenue is located in a residential area east of Sepulveda Boulevard (Exhibit 2). 21st Street is the southwest leg of the intersection, 22nd Street is the northwest leg, and Magnolia Avenue forms the southeast and northeast legs. All streets are 30-foot wide two-lane local streets with a 25mph prima facie speed limit that carry approximately 300 vehicles per day each. 21st Street and 22nd Street are stopped at Cedar Avenue to the west. Magnolia Avenue is stopped at Marine Avenue to the north and 18th Street to the south. All streets are improved with curbs, and sidewalks. Curb parking is allowed on both streets, except for street sweeping restrictions. Curb parking demand is generally light during the day to moderate at night. There is a horizontal curve on the southeast leg of 21st Street and the northeast leg of Magnolia Avenue that reduce sight distance.

Field Observations

Field observations were made on typical days during peak and non-peak periods. Field observations confirm low traffic volumes on all legs and other physical characteristics at the intersection as noted above. Proper right-of-way is assigned by stop signs on two of the four approaches. There is adequate sight distance for motorists stopped on the southeast leg of Magnolia Avenue looking southwest and northeast. However, sight distance for drivers on 22nd Street is reduced below the recommended minimum stopping sight distance for stopped

intersections due to the horizontal curves on 21st Street and Magnolia Avenue (Exhibit 3). Recurrent speeding was not observed on any of the approaching street segments because of the curves in the neighborhood and narrow streets with parked cars.

The traffic collision history between January 1, 2005 and December 31, 2011 was analyzed for both intersections. According to City records, there have been no collisions reported near the intersection during this seven (7) year period.

Multi-way Stop Signs

The State of California has established guidelines for the installation of stop signs. These criteria have been widely accepted and are used by the City of Manhattan Beach. Multi-way or all-way stop controls are generally recommended when one or more of the State criteria are satisfied and indicate the existing traffic control devices are not sufficient to assign proper right-of-way or cannot be remedied through other means.

A stop sign warrant checklist was completed that indicates that multi-way stop signs ARE warranted at this intersection (Exhibit 4). This intersection has sufficient right-of-way controls, does not meet minimum traffic volumes and has no collision history. However, the existing sight distance restriction is unable to be remedied by removal of curb parking. Therefore, stop signs in all directions are appropriate at this intersection due to the geometric conditions of the street alignment.

Public Notice

Residents within 500 feet of the intersection and the petitioners were notified by mail of the proposed stop sign request and were invited to give input to the Commission (Exhibits 5 & 6).

CONCLUSION:

Based on minimum State guidelines, multi-way stop signs are justified at the intersection of 21st Street/22nd Street and Magnolia Avenue at this time. It is recommended that the Commission pass a motion to recommend that the City Council adopt a resolution to install stop signs in all directions at 21st Street/22nd Street and Magnolia Avenue.

- Exhibits:
1. Ms. Sabbe Request
 2. Site Photos
 3. Aerial Photo and Location Map
 4. Stop Sign Warrant Checklist
 5. Mailed Public Notice
 6. Public Comments

EHZ
T:\PPIC\PPIC-22 at magnolia 1-23-2014.doc



Work Order: 32980

Submitted on: 08/14/2013 2:04 PM

Customer: Mecia Sabbe

Department: , Phone:

Topic: Traffic Control Measures

Site:

Location: Magnolia Avenue & 22nd Street

Priority: 3 Normal

Job Type:

Charge

Acct:

Category:

Assigned To: Nhung Madrid

From: mecia sabbe [mailto:sabbemecia@hotmail.com] Sent: Wednesday, August 14, 2013 9:57 AM To: Robert Cochran Subject: Area 4 Traffic Good Morning Officer Robert Cochran, We would like to request an upgrade to 4-way stop sign for the intersection of Magnolia and 22nd st. This is a blind intersection. We live on 1139 22nd st and want to let you know that we had multiple scary episodes happening on a corner of 22nd st and Magnolia when we walking our children to school. The cars driving both ways on the street have no visibility since the street has a curve and in on a hill. When someone parked a car on the corner of Magnolia the pedestrians can not see oncoming vehicles. Our neighbors always complain about how difficult it is to cross that corner but no one has filed a complaint or looked into the process. Please let me know what we need to do to get a 4 way stop sign installed at the intersection of 22nd and magnolia We will appreciate your help ! Thanks, Mecia Sabbe 310-546-5952

Description:

Tasks (0,Total Labor Cost: \$0)

Materials (0,Total Material Cost: \$0)

Total Cost of Job: \$0

Employee	Date	Hours	Cost	Employee	Date	Hours	Cost

Item Number	Description	Quantity	Unit Price	Total Price

Follow-up Information

#6: 01/08/2014 3:38 PM - Email Message sent to customer by Nhung Madrid

Good Afternoon Ms. Sabbe,

Happy New Year! I just wanted to follow-up on your request and confirm that you received the mailed notice for the upcoming Parking and Public Improvements Commission Meeting on January 23rd at 6:30pm. Please let me know if you will be attending the meeting and if you would like to make a presentation before the commission.

Thanks,
Nhung

#5: 12/04/2013 3:24 PM - Added internal information by Nhung Madrid

From: Nhung Madrid
 Sent: Wednesday, December 04, 2013 12:13 PM
 To: 'mecia sabbe'
 Subject: RE: petition form for STOP sign request

Good Afternoon Ms. Sabbe,

I got your phone message in addition to this email. What you have obtained will be fine. I will use it to attach to the staff report.

Thanks,
Nhung

From: mecia sabbe [mailto:sabbemecia@hotmail.com]
Sent: Wednesday, December 04, 2013 11:46 AM
To: Nhung Madrid
Subject: Re: petition form for STOP sign request

Hi Nhung,

Yesterday we got 10 signatures from our neighbors including two who lives in the corner of 21/22nd st and Magnolia. One house in that corner I don't know them and they don't open the door. The other one the residents were in vacation and the grandparents didn't want to sign because they are not residents. So I'll send the signatures on the mail today.

Thank you for your help,

Mecia Sabbe

#4: 12/03/2013 08:23 AM - Added internal information by Nhung Madrid

Spoke to Ms. Sabbe this morning regarding petition. She states that she has already talked to a few of her neighbors regarding request and will get their signatures on a petition.

From: Nhung Madrid
Sent: Tuesday, December 03, 2013 8:22 AM
To: 'sabbemecia@hotmail.com'
Subject: petition form for STOP sign request

Good Morning Ms. Sabbe,

I have attached the petition form that you requested. Please let me know if you have any questions.

Please return completed petition to:

Nhung Madrid
City of Manhattan Beach, Community Development Dept
1400 Highland Avenue
Manhattan Beach, CA 90266

Thanks,
Nhung

#3: 11/19/2013 2:38 PM - Email Message sent to customer by Nhung Madrid

Good Afternoon Ms. Sabbe,

Thank you for your patience during this process. Your request has been evaluated by our Traffic Engineer and he has determined that this intersection may warrant the installation of an all-way Stop sign.

The next step in the process requires you, the requesting party, to obtain a petition showing support for your request. At a minimum, please circulate a petition and obtain signatures showing support from the four property owners immediately adjacent to the intersection. This includes 1152 and 1153 22nd St, 2012 and 2013 Magnolia Ave. Signatures showing support from other neighboring properties would also be helpful.

Once the City receives and reviews the petition, the request will be scheduled for a Parking and Public Improvements Commission meeting for recommendation for approval and then to City Council for final approval.

Please let me know if you have any questions regarding this process.

Thanks,
Nhung

#2: 08/14/2013 10:43 PM - Email Message from Customer

Thank you for your reply.
Mecia Sabbe

Sent from a not so smart device

On Aug 14, 2013, at 2:04 PM, "City of Manhattan Beach" <manhattan@user.govoutreach.com> wrote:

#1: 08/14/2013 2:14 PM - Email Message sent to customer by Nhung Madrid

Good Afternoon Ms. Sabbe,

Thank you for contacting the City with your concerns. I received your email from Officer Cochran for follow-up since your request falls under the review of the City Traffic Engineer (he is within the Traffic Engineering Division in the Community Development Department). Based on your email, it sounds like you are requesting the two way stop on Magnolia Ave/22nd Street to be changed to an all-way stop controlled intersection. I have submitted your request for our Traffic Engineer to review and the process takes approximately four to six weeks. Our Traffic Engineer is a consultant and is only in the office one day per week, so we appreciate your patience during this process. No further action on your part is needed at this time, however, during his review process, if the Traffic Engineer finds that an all way stop may be warranted, you will be contacted and asked to circulate a petition for signatures of residents that support this request.

If you have any other questions regarding this request, please contact Jason Masters at jmasters@citymb.info or 310-802-5515 and reference Government Outreach # 32980.

EXHIBIT 1



**City of Manhattan Beach
Petition Form**

RECEIVED
DEC 5 2013
By _____

We, the undersigned residents, do hereby petition the City of Manhattan Beach to
Install an all-way stop sign at the intersection of 21st Street / 22nd Street and Magnolia Avenue

We attest that each undersigned person is 18 years or older and is a responsible owner or resident in the proposed block.

The designated contact person(s) are:

CONTACT PERSON: Mecia Sabbe

DAYTIME PHONE NO: (310) 546 - 5952


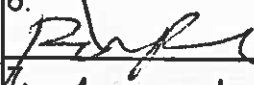
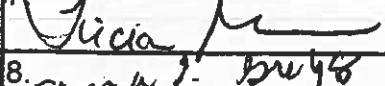
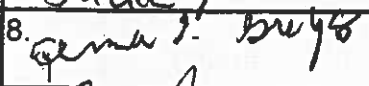


ALTERNATIVE CONTACT: _____

DAYTIME PHONE

NO: () -

NOTE: Only one responsible signature per residence is required.

SIGNATURE Or "Opposed" or "No Contact"	PRINT NAME	PRINT STREET ADDRESS	PRINT DATE
<i>Angela Jacobson</i>	ANGELA JACOBSON	2013 MAGNOLIA AVE MANHATTAN BEACH	12-3-13
<i>Natalie Broden</i>	Natalie Broden	1147 22nd St. Manhattan Beach, CA 90266	12/3/13
<i>Mary Beth McCreel</i>	MARY BETH McCREEL	2008 Magnolia Ave MB CA	12/3/13
<i>MARK McCRACKEN</i>	MARK McCRACKEN	2004 MAGNOLIA AVE MB CA	12/3/13

5.		Rochelle Cook	1152 22 nd St.	12/3/13
6.		Ronda Ferguson	1804 Magnolia Ave	12-3-13
7.		Tricia Morphey	1900 Magnolia Ave	12/3/13
8.		Anna Gregg	1140 22nd St.	12/3/13
9.		John Diamond	1135 22 nd St	12/3/13
10.		Dijana Parker	1131 22 nd Street	12/4/13

I declare under penalty of perjury, pursuant to the laws of the State of California, that the foregoing is true and correct.

Mecia Sabbe Executed on 12/3/13 in Manhattan Beach, California.

Signed by Contact

Date

12/03/13

Petition on _____

NOTE: Only one responsible signature per residence is required.

SIGNATURE Or "Opposed" or "No Contact"	PRINT NAME	PRINT STREET ADDRESS	PRINT DATE
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			

**EXHIBIT 2
SITE PHOTOS**



22nd Street (Northwest Leg) at Magnolia Avenue Looking Southwest Towards 21st Street



22nd Street (Northwest Leg) at Magnolia Avenue Looking Northwest Towards Magnolia Avenue



Magnolia Avenue (Southeast Leg) at 22nd Street Looking Northeast



Magnolia Avenue (Southeast Leg) at 22nd Street Looking Southwest

EXHIBIT 3
AERIAL PHOTO AND LOCATION MAP
22nd Street at Magnolia Avenue

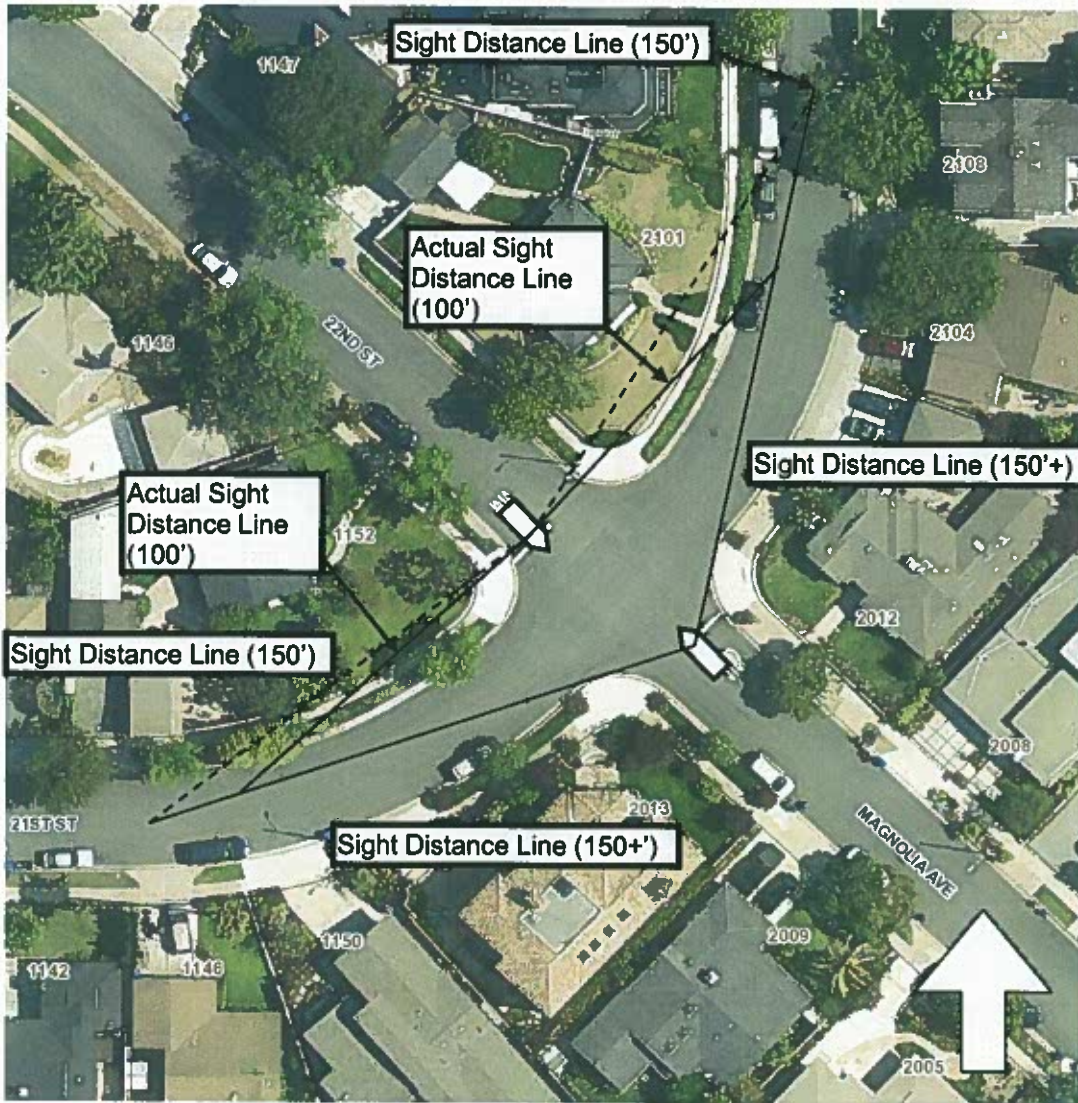




EXHIBIT 4

STOP SIGN WARRANT CHECKLIST

MAJOR STREET: Magnolia Avenue **MINOR STREET:** 22nd Street

REQUESTED BY: Citizen **DATE:** 11/19/2013

REVIEWED BY: Erik Zandvliet

Warranted?

SINGLE STREET STOP SIGN WARRANTS

- On a less important road where the normal right-of-way rules would not be expected to provide reasonable compliance with the law.
- On a street entering a legally established through highway or street.
- At an unsignalized intersection in a signalized area.
- At other intersections where high speeds, restricted view, or crash record indicates a need for control by a stop sign.

MULTI-WAY STOP SIGN WARRANTS

- Where traffic signals are warranted, and stop signs are used as an interim measure to control traffic while the signal is installed.
- Where a crash problem exists, as indicated by five or more reported accidents within a 12 month period of a type correctable by a multi-way stop sign.
- Where the total vehicular volume entering from the major street approaches average at least 300 vehicles per hour for any 8 hours, and
the combined vehicular, bicycle and pedestrian volume from the minor street approaches average at least 200 units per hour for the same 8 hours, with an average delay to the minor street traffic is at least 30 seconds per vehicle during the highest hour, and
if the 85th percentile approach speed of the
minimum vehicular volume warrant is 70 per cent
- Where there four or more reported accidents within a 12 month period of a type correctable by a multi-way stop sign, and
the average major and minor street volumes are at least 80% of the minimum values.
- Other locations where multi-way stop signs are justified based on an engineering study.

MULTI-WAY STOP SIGN WORKSHEET

MAJOR STREET: Magnolia Avenue 85TH SPEED - < 40 MPH

MINOR STREET: 23rd Street DATE: 11/19/2013

TRAFFIC VOLUMES **WARRANTED** **YES** **NO**

If the 85th percentile speed of the major street exceeds 40 MPH, use 70% volume.

Street	Min Volume	70%	80%	Ave.	Hour / Volume								
					7am	8am	9am	2pm	3pm	4pm	5pm	6pm	
Major	300	210	240	<50									
Minor	200	140	160	<50									

And, does the minor street have an average delay of at least 30 seconds in the peak hour?

Peak Average Delay < 12 sec.

COLLISION RECORD **WARRANTED** **YES** **NO**

Are there five or more reported collisions within a 12 month period of a type correctable by a multi-way stop sign?

DATE	TIME	DIRECTION	TYPE	CAUSE
2011	-	None	-	-
2010	-	None	-	-
2009	-	None	-	-
2008	-	None	-	-
2007	-	None	-	-

80% COMBINATION **WARRANTED** **YES** **NO**

Are there four or more reported accidents within a 12 month period of a type correctable by a multi-way stop sign, and

Average major and minor street volumes are at least 80% of the minimum values?

OTHER MULTI-WAY STOP CONDITIONS **WARRANTED** **YES** **NO**

- | | | |
|--|-------------------------------------|----|
| A. Need to control left turn conflicts | YES | NO |
| B. Need to control vehicle/pedestrian conflicts at high ped locations | YES | NO |
| C. Visibility obstruction after stopping on minor street approach | <input checked="" type="checkbox"/> | NO |
| D. Two similar neighborhood collector streets that would improve operation | YES | NO |



City of Manhattan Beach

Community Development

Phone: (310) 802-5500
FAX: (310) 802-5501
TDD: (310) 546-3501

November 26, 2013

NOTICE OF ALL WAY STOP SIGNS AT 21ST STREET AND 22ND STREET AT MAGNOLIA AVENUE

Dear Resident/Property Owner:

The Department of Community Development received a request for the installation of additional stop signs (all-way stop signs) at the intersection of 21st Street, 22nd Street and Magnolia Avenue. The request has been evaluated by the City Traffic Engineer pursuant to State stop sign guidelines. Based on State warrants, he is recommending the installation of all-way stop signs at this intersection due to restricted sight distance.

Before this matter is referred to the Parking and Public Improvements Commission (PPIC) for review and recommendation for action by the City Council, we invite you to provide your comments and opinions on this matter. Written comments may be mailed or emailed to:

Nhung Madrid, Management Analyst
Community Development Department
1400 Highland Avenue
Manhattan Beach, CA 90266
nmadrid@citymb.info
(310) 802-5540

Once comments have been received, this matter will be considered by the Parking and Public Improvements Commission at an upcoming meeting. Additional public notice will be provided, so that residents may attend the meeting and have an opportunity to be heard.

Sincerely,

A handwritten signature in blue ink that reads 'Nhung Madrid'.

Nhung Madrid



EXHIBIT 5

NOTICE MAILED JANUARY 7, 2014

PUBLIC MEETING

ALL WAY STOP SIGNS AT 21ST STREET AND 22ND STREET AT MAGNOLIA AVENUE



The Parking and Public Improvements Commission (PPIC) will conduct a public meeting to consider the installation of all-way stop signs at 21st Street and 22nd Street at Magnolia Avenue.

PARKING AND PUBLIC IMPROVEMENTS COMMISSION MEETING

WHEN: January 23, 2014 at 6:30 P.M.

**WHERE: City Hall Council Chambers
1400 Highland Avenue, Manhattan Beach, CA 90266**

All interested parties are encouraged to attend and participate. The Staff Report will be available at www.citymb.info on January 16, 2014 after 5:00 P.M. For additional information, please contact Nhung Madrid at (310) 802-5540 or email at nmadrid@citymb.info.

Nhung Madrid

From: Richard Worthington <kontikinui@gmail.com>
Sent: Wednesday, November 27, 2013 8:07 PM
To: Nhung Madrid
Subject: All Way Stop at 21st and 22nd St at Magnolia Ave

Hi Nhung,

I live at 1901 N Meadows, and frequently walk that route to and from the mall. I look both ways at that intersection, but also listen for zooming cars that might be out of sight, then hustle across the street. I am in favor of the proposed 4-way stop.

-Richard

Nhung Madrid

From: Andy Chen <andypchen@yahoo.com>
Sent: Thursday, November 28, 2013 10:49 AM
To: Nhung Madrid
Subject: Stop sign at 21st and Magnolia

Hi Nhung,

I'm not so sure stop signs need to be added at 21st St and Magnolia, but I do think they need to be added at 20th St and Magnolia. Too many cars come flying down the hill (and flying up the hill). With so many kids in the neighborhood this had caused concern among our neighbors.

Thanks for listening.

Andy Chen
1808 Magnolia Ave

Nhung Madrid

From: Kathryn Auld <kathieauld@mac.com>
Sent: Thursday, November 28, 2013 12:50 PM
To: Nhung Madrid
Subject: all way stop at 21/22/Magnolia

I'm in favor. I avoid that intersection because you can't see if anyone is coming. Additional stop signs would be very helpful.

Kathryn Auld
2005 Magnolia
310-58-0104

Nhung Madrid

From: Martin Garber <mandjgarber@gmail.com>
Sent: Friday, November 29, 2013 6:29 PM
To: Nhung Madrid
Subject: stop sign at 21st

We think this is a great idea.....and long overdue....we have seen "almost" accidents occur here on a number of occasions.

Judy and Marty Garber
1209 18th Street

Nhung Madrid

From: Robert <rajaentrp@aol.com>
Sent: Monday, December 02, 2013 9:37 AM
To: Nhung Madrid
Subject: All way stop signs @ 21st and 22nd streets at Magnolia Ave

This action is long overdue and will reduce vehicle speeds on a blind curve and help prevent accidents (if drivers stop as they should!)

We support your recommendation for an all way stop.

Robert Arnold 1224 21st Street, Manhattan Beach 90266

Jean Arnold 1224 21st Street, Manhattan Beach 90266

Also you need to check the four way stop signs at 21st Street and Meadows. Drivers seldom slow down let alone stop.

rajaentrp@aol.com

Sent from my iPad

Nhung Madrid

From: Robert <rajaentrp@aol.com>
Sent: Tuesday, December 03, 2013 10:30 AM
To: Nhung Madrid
Subject: All way stop signs: ADDITIONS TO ORIGINAL EMAIL... ***See below***

This action is long overdue and will reduce vehicle speeds on a blind curve and help prevent accidents (if drivers stop as they should!)

We support your recommendation for an all way stop.

Robert Arnold 1224 21st Street, Manhattan Beach 90266

Jean Arnold 1224 21st Street, Manhattan Beach 90266

Also you need to check the four way stop signs at 21st Street and Meadows. Drivers seldom slow down let alone stop.

***There are stop signs at 20th & Chestnut streets at Magnolia. This intersection needs a 4-way stop to avoid accidents at the Magnolia curve. Parked cars on Magnolia at the curve cause traffic to become a hazard.

rajaentrp@aol.com

Sent from my iPad

Nhung Madrid

From: sharkjay@aol.com
Sent: Tuesday, December 03, 2013 4:15 PM
To: Nhung Madrid
Subject: Re: Stop signs at 21st,22nd st at Magnolia

Dear Nhung Madrid,

I just want to voice my opinion that I oppose putting a 4 way stop at that intersection. I have lived at 1208 20th St for 34 years and use that intersection most everyday mainly because it DOESN'T have a 4 way stop. I hope the homeowners who live at that intersection understand what their getting with more noise and pollution from the cars that don't currently have to stop and soon will be. I have lived at a 4 way stop at 8th St and Herrin, and personally would never do so again.

Yes there is some limited visibility to the northeast as 21st turns into Magnolia but I have never had an issue with that intersection and I don't think it warrants another stop sign.

Thank you for your time.

Sincerely,

Jay Harkenrider
Jay F. Harkenrider
Riddle & Ross Realtors
1413 N. Sepulveda Blvd.
Manhattan Beach, Ca. 90266
BRE Lic.# 00858217
(310) 971-3923 Cell
(310)545-6555 Office