



DATE: April 6, 2011

TO: Honorable Mayor and City Councilmembers

FROM: Development Services Department

SUBJECT: **PROPOSED REMOVAL OF THE RUBBERIZED SPEED LUMPS ON NORTHERLY STREET**

### **SYNOPSIS**

Staff and the Transportation Commission recommend that the City Council approve the removal of the two rubberized speed lumps on Northerly Street between Darwin Drive and Panorama Ridge Road.

### **BACKGROUND**

Several years ago the Engineering Transportation Section received requests from Peacock Hills Senior Community residents to evaluate and address their speeding concerns on Northerly Street. In 2005, as a result of these requests, two rubberized speed lumps were installed on Northerly Street between Darwin Drive and Panorama Ridge Road. Speed lumps are similar to speed humps, but are designed with gaps to allow emergency vehicles to travel across them with minimal impacts. Not long after these traffic-calming devices were installed, residents from the senior community contacted the Engineering Transportation Section stating their dissatisfaction with the rubberized speed lumps. These residents felt the traffic-calming devices did not effectively address their speeding concerns.

Recently, Engineering Transportation Staff has received several requests to permanently remove these rubberized speed lumps. Residents from Peacock Hills Senior Community have requested City Staff evaluate removing these devices citing similar concerns of their inefficiency. They have also expressed their frustrations that a majority of the residents on Northerly Street were not in support of these devices and their input was not included during the initial evaluation process. It should be noted, in 2005, former Engineering Transportation Staff did not generate nor circulate a petition to the neighborhood for the installation of these traffic-calming devices. Also, as part of our new City of Oceanside Neighborhood Traffic Calming Program, a petition is required in order to consider the removal of any traffic-calming devices.

### **ANALYSIS**

Northerly Street is approximately 1,600 feet in length and bordered to the east by Darwin Drive and the west by Panorama Ridge Road (See Exhibit A). The street is

defined as a local street per the California Road System Maps and is approximately 40 feet wide. There are two existing speed limit signs on Northerly Street, posted in both directions, and a double-yellow centerline along the entire street length.

Per the City of Oceanside’s recently updated and approved Neighborhood Traffic Calming Program, staff informed the residents from Peacock Hills Senior Community that in order to proceed with the evaluation of removing the rubberized speed lumps, staff would need to receive a written request. Once this was received, City staff provided the residents of Northerly Street with a petition in support of the removal of these devices which needed to be circulated around the neighborhood (See Exhibit B).

In order to remove the speed lumps, 80 percent of the residents who live on Northerly Street would need to sign the petition. Another requirement of the new traffic-calming program is that the traffic-calming devices must have been in place for at least one year prior to evaluating the removal of them. The petition results are as follows:

<b>Petition Data – Northerly Street</b>			
<i>Number of Residences</i>	<i>Residences In Support of the Removal of the Rubberized Speed Lumps</i>	<i>Percent Obtained</i>	<i>Percent Required</i>
50	43	86%	80%

As can be seen by the data collected above, the criteria needed in order to remove the rubberized speed lumps was achieved.

According to the City’s new traffic-calming program, vehicular volume and speed counts need to be collected prior to, and after, the installation of the devices. The data is as follows:

<b>24 Hour Volume Data</b>		
<i>Northerly Street</i>	<i>Before</i>	<i>After</i>
Eastbound	224 vehicles	286 vehicles
Westbound	261 vehicles	319 vehicles

<b>Critical Speed Data</b>		
<i>Northerly Street</i>	<i>Before</i>	<i>After</i>
Eastbound	28.6 mph	30 mph
Westbound	28.4 mph	30 mph

\* The critical speed limit is the speed at which 85% of traffic is traveling at or below

As can be seen by the data that was collected, above, the rubberized speed lumps are not effectively reducing speeds along Northerly Street; in fact the critical speeds have increased since these devices were initially installed. This could be a result of the

rubberized speed lumps not being properly spaced on Northerly Street. The typical spacing needed for speed humps/lumps to effectively reduce vehicular speeds is approximately 400-foot intervals.

This data, along with 86 percent of the neighborhood signing the petition to remove these devices, supports the Peacock Hills Senior Community's request to remove these rubberized speed lumps.

**FISCAL IMPACT**

The funding source will be TransNet and the current available balance in the FY 2010-2011 CIP account for Neighborhood Traffic Improvements (902523100212) is approximately \$214,957. The cost for the removal of the two rubberized speed lumps is approximately \$1,600; therefore, sufficient funds are available.

**CITY ATTORNEY'S ANALYSIS**

Does not apply.

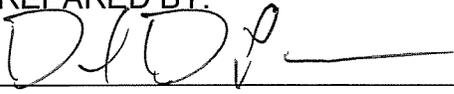
**COMMISSION OR COMMITTEE REPORT**

At their February 15, 2011, meeting, the Transportation Commission approved the proposed removal of the rubberized speed lumps on Northerly Street.

**RECOMMENDATION**

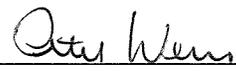
Staff and the Transportation Commission recommend that the City Council approve the removal of the two rubberized speed lumps on Northerly Street between Darwin Drive and Panorama Ridge Road.

PREPARED BY:

  
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David DiPierro  
City Traffic Engineer

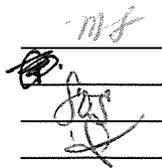
SUBMITTED BY:

  
\_\_\_\_\_

Peter A. Weiss  
City Manager

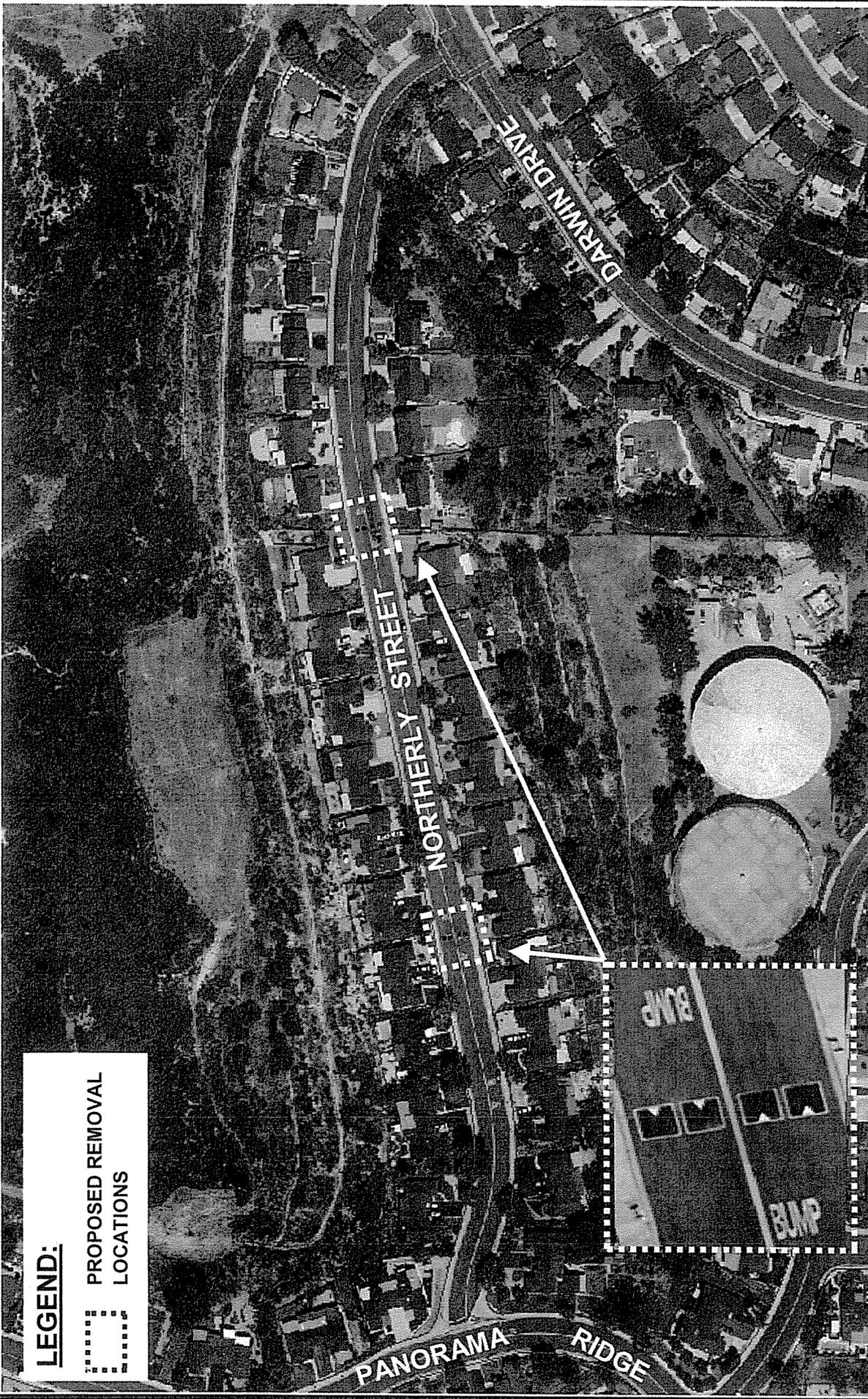
REVIEWED BY:

Michelle Skaggs Lawrence, Deputy City Manager  
George Buell, Development Services Director  
Scott O. Smith, City Engineer  
Teri Ferro, Financial Services Director

  
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Attachments:

- Exhibit A – Location Map
- Exhibit B – Petition for Removal of Traffic Calming Devices



**LEGEND:**

- PROPOSED REMOVAL
- LOCATIONS



PROJECT:

**PROPOSED REMOVAL LOCATIONS — RUBBERIZED  
SPEED LUMPS ON NORTHERLY STREET**

EXHIBIT  
A



## PETITION FOR REMOVAL OF TRAFFIC CALMING DEVICES

We, the undersigned, request the City of Oceanside remove the **rubberized speed lumps** on **Northerly Street** between **Panorama Ridge Road** and **Darwin Drive**. We understand that removing the speed lumps on Northerly Street removes the traffic calming that was installed in the area to address speeding issues. If you have questions regarding this matter you can contact Darra Woods in the Transportation Engineering Section at [dlwoods@ci.oceanside.ca.us](mailto:dlwoods@ci.oceanside.ca.us) or at (760)-435-5094.

Please specify the reason for the request for removal:

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Name (please print)	Address (please print)	Telephone	Date	Signature
J. GRACIDA	48 NORTHERLY ST OCEANSIDE, CA		9/23/10	<i>J. Gracida</i>
Charlotte M. Walker	48 Northerly St Oceanside, Ca		9/23/10	<i>Charlotte Walker</i>
MARIE SEVERD	48 NORTHERLY OCEANSIDE		9/23/10	<i>Marie Severd</i>
Yvonne Jacquez	48 Northerly St OSIDE, CA		9/24/10	<i>Yvonne Jacquez</i>
Maurice Pratt	48 Northerly Oceanside		9/24/10	<i>Maurice Pratt</i>
KURT LOEWY	48 NORTHERLY ST OCEANSIDE		9/24/10	<i>Kurt Loewy</i>
DEBBIE HAMILTON	48 Northerly St Oceanside CA		9/24/10	<i>Debbie Hamilton</i>
William Turpin	48 NORTHERLY ST OCEANSIDE CA		9/24/10	<i>William Turpin</i>
ROSE ZAPPALATO	48 NORTHERLY ST.		9/24/10	<i>Rose Zappalato</i>
Judy Petrosky	48 Northerly			<i>Judy Petrosky</i>



City of Oceanside  
Traffic Calming Program

Name (please print)	Address (please print)	Telephone	Date	Signature
JAMES B. PROENZA	48 NORTHERLY ST		9/23/10	[Signature]
Laura L. Lambres	48. Northely St		9/26/10	[Signature]
Amal D.	48 NORTHERLY ST.		9/26/10	[Signature]
Scott INGRAM	48 NORTHERLY ST.		9/26/10	[Signature]
Carl Walker	48 Northely		9/26/10	[Signature]
NICK FIORI	48 NORTHERLY		9/28/10	[Signature]
MARY BAXTER	48 NORTHERLY		9-28-10	[Signature]
HAZEL HARRIS	48 NORTHERLY ST		9-28-10	[Signature]
Barbara Hall	48 Northely St		9/30/10	[Signature]
Wm A. SAMUEL	48 Northely St.		9/30/10	[Signature]
James Tennison	48 Northely		10/1/10	[Signature]
MICHAEL SIZER	48 NORTHERLY		10/4/10	[Signature]
Lydia Ann Berry	48 Northely St		10/7/10	[Signature]
Michael Trech	48. Northely St		10/9/10	[Signature]
Ted Miklasz	48 NORTHERLY		10/1/10	[Signature]
Raymond MASKER	48 Northely		10-9-10	[Signature]
Don French	48 Northely		10/29/10	[Signature]
DONALD BLOXAM	48. NORTHERLY ST		1/29/10	[Signature]
Jacquelyn Rilea	48 Northely St.		10/29/10	[Signature]
JAMES F. PALLERL	48 NORTHERLY ST		10/29/10	[Signature]



