



## **Staff Report**

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### RESOLUTION APPROVING INSTALLATION OF SPEED HUMPS AT 916/914 AND 917/915 RUTH AVENUE

Honorable Mayor and Council Members:

#### **Summary**

Staff requests that the City Council approve the installation of speed humps at 916/914 and 917/915 Ruth Avenue.

#### **Background**

The Parking and Traffic Safety Committee (PTSC) received a petition from residents of Ruth Avenue to install speed humps on the 900 block of Ruth Avenue to reduce the speed of vehicles. The PTSC performed a traffic study, reviewed speed, volume data, collision history and past traffic enforcement in the area.

#### **Discussion**

After analyzing the findings, it was determined that the collected data including traffic speed, volume and road geometry are in compliance with the most current Speed Hump Installation Policy adopted by the City of Belmont in September 2007 and justify speed hump installation. PTSC staff then met with residents of Ruth Avenue to establish locations for the speed humps to ensure maximum effect on speed reduction and accommodate residents. The outcome of this meeting was selection of two locations for the speed humps within 900 block of Ruth Avenue. The residents then conducted meetings to finalize these locations and one location was eliminated due to opposition from the residents since it would affect parking that is in high demand in this area.

After the speed hump location was finalized, the City prepared a petition to be circulated among the residents to obtain consent on the speed hump installation. The necessary condition for the speed hump installation was that it must contain signatures of 75% of the residents along and between the project boundaries with 67% of these signatures being from the property owners. The petition also specified the following:

- The estimated cost of the speed humps purchase and installation on each block is \$12,700.
- The residents' share is 25% of said amount (\$3,175) and shall be paid by the property owners/residents located in the 900 block of Ruth Avenue, who sign this petition.



- If all property owners/residents within the block (24 properties) sign this petition, the cost per residence will be \$132.
- Appropriate signs and pavement markings are required. “Speed Hump” signs on poles will be erected at each speed hump.

In July 2008 Ruth Avenue residents submitted a signed petition for the installation of speed humps at the following locations: 916/914 and 917/915 on the 900 block of Ruth Road. If the City Council approves the installation of the speed humps, the City will provide 75% of the speed hump purchase and installation cost and 25% of the cost will be provided by residents. Once residents provide 25% of the cost, City staff will purchase and install two speed cushions.

The Belmont Public Works Maintenance staff will order and install the speed humps and necessary signage. The residents will pay 25% of the installation cost which amounts to \$3,175. 92% of residents within the block signed the petition. 71% of the residents who signed the petition are property owners. The signatures provided passed the necessary conditions including the 75% approval required per address and the 67% approval required from property owners. Since only 92% of residents signed the petition, the cost per residence will be raised from \$132 to \$144 per residence to achieve \$3,175. The installation will not take place until 25% of the estimated cost is received by the City from the residents.

### **General Plan/Vision Statement**

No impact.

### **Fiscal Impact**

The total cost of the speed hump installation is approximately \$12,700 per block. One-fourth of the cost (\$3,175) will be paid by 22 property owners in each block of the subject area, which amounts to \$144 per residence. Payment for this project is from the Street Improvements Fund budget account 234-4312-3100-9030.

### **Public Contact**

The Council agenda was posted and residents were notified.

### **Recommendation**

Staff recommends that the City Council approve the installation of the speed humps at 916/914 and 917/915 Ruth Avenue.

### **Alternatives**

1. Take no action.
2. Refer back to staff for further information.
3. Deny approval.

**Attachments**

- A. Resolution
- B. Exhibit A
- C. Exhibit B – Speed Hump Criteria

Respectfully submitted,

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Bozhena Palatnik, P.E.  
Associate Civil Engineer

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Raymond E. Davis III, PE, PTOE  
Director of Public Works

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Jack R. Crist  
City Manager

**Staff Contact:**

Raymond E. Davis, Public Works Director  
(650) 595-7459  
rdavis@belmont.gov

**RESOLUTION NO. \_\_\_\_\_**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BELMONT APPROVING  
INSTALLATION OF SPEED HUMPS AT 916/914 AND 917/915 RUTH AVENUE**

**WHEREAS**, the Parking and Traffic Safety Committee (PTSC) has received a petition from the residents of Ruth Avenue to install speed humps at 916/914 and 917/915 Ruth Avenue; and,

**WHEREAS**, the PTSC reviewed the requests, performed a traffic study and reviewed speed and volume data, collision history and past traffic enforcement in the area; and,

**WHEREAS**, Ruth Avenue is a designated emergency route for police and fire response, speed hump cushions will be used instead of regular speed humps; and,

**WHEREAS**, the residents will fund 25% of the cost and installation; and,

**WHEREAS**, will not take place until 25% of the cost is received by the City from the residents; and,

**WHEREAS**, the cost to the residents will be \$144 per residence; and,

**WHEREAS**, the funding will be from the Street Improvement Fund, budget account 234-4312-3100-9030.

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Belmont approves the installation of the speed humps at 916/914 and 917/915 Ruth Avenue.

\* \* \* \* \*

I hereby certify that the foregoing Resolution was duly and regularly passed and adopted by the City Council of the City of Belmont at a regular meeting thereof held on September 9, 2008 by the following vote:

AYES, COUNCILMEMBERS: \_\_\_\_\_

NOES, COUNCILMEMBERS: \_\_\_\_\_

ABSTAIN, COUNCILMEMBERS: \_\_\_\_\_

ABSENT, COUNCILMEMBERS: \_\_\_\_\_

\_\_\_\_\_  
CLERK of the City of Belmont

APPROVED:

\_\_\_\_\_  
MAYOR of the City of Belmont



**CITY OF BELMONT**  
Department of Public Works

**EXHIBIT C - SPEED HUMP CRITERIA**

Street: Ruth Avenue

Between Malcolm Avenue and North Road

All of the following conditions must be met to warrant installation of speed humps:

	Satisfied	Not Satisfied
1. The street has one lane in each direction and is located in a residence district as defined by Section 515 of the CVC.	Yes	
2. The street is a through street with a minimum length of 750 feet uninterrupted by other intersections, stop signs, or traffic signals.		The distance is approximately 650 feet.
3. The width of the street segment is 40 feet or less.	Yes	
4. The street is bounded by standard vertical face curb and gutter.		No vertical curb and gutter.
5. The longitudinal grade of the section of the street to receive speed humps is 8% or less.	Yes	
6. The centerline radius of the street exceeds 300 feet.	Yes	
7. At least 15% of the traffic travels 32 mph or greater.		14% of traffic travels at 32 mph and greater.
8. The average daily traffic on the street segment ranges between 500 and 4000.	1,407 vehicles per day	
9. The street is not in an industrial area, <i>and</i> is not a truck route, public transit route, or emergency vehicle route.		The street is a designated primary emergency vehicle route. Therefore, speed cushions will be used to ensure no speed reduction for emergency vehicles.
10. The posted or prima facie speed limit on the street shall not exceed 25 miles per hour.	Yes	
11. Speed humps are not located within 250 feet of a traffic signal or within 20 feet of the closest perpendicular intersection of residential local streets. Speed humps are located at least 100 feet from the closest perpendicular intersection of residential collector streets.	Speed humps to be located at least 200 feet from the intersection	