

**Memorandum  
Public Works Department**



**To:** City Manager  
**Subject:** Stop Sign  
**Date:** Stop Signs  
**Number:** 2011-189

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**SOURCE OF REQUEST:**

Rachele Teague  
507 14<sup>th</sup> Avenue  
Rock Island, IL 61201

**NATURE OF REQUEST:**

The Traffic Engineering Committee received a request from Rachele Teague, 507 14<sup>th</sup> Avenue, to install stop signs at the intersection of 6<sup>th</sup> Street and 14<sup>th</sup> Avenue.

**MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES WARRANTS:**

The excerpts from the Manual of Uniform Traffic Control Devices (MUTCD) are attached.

**CONTACTS WITH RESIDENTS:**

None

**TRAFFIC STUDY INFORMATION:**

The Engineering Division conducted a traffic study of this intersection and determined that the installation of STOP signs is not warranted.

A copy of the traffic study is attached.

**COST:**

The cost to the city is minimal.

**RECOMMENDATION:**

The Traffic Engineering Committee recommends that the City Council deny the request.

**Submitted by:** Robert T. Hawes, P.E., Assistant City Manager/Public Works Director  
Traffic Engineering Committee

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**Approved by:** John C. Phillips, City Manager

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<b>TO:</b>	City Manager	<b>TEC Number:</b>	11-24
<b>SUBJECT:</b>	Request for Installing STOP Signs 6 <sup>th</sup> Street at 14 <sup>th</sup> Avenue	<b>Date:</b>	06/22/11

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The Engineering Division evaluated a request about installing a STOP sign at the intersection of 6<sup>th</sup> Street and 14<sup>th</sup> Avenue. No traffic control signage is currently installed at this intersection. Traffic at the above intersection was studied on June 15 and 16, 2011. According to the latest edition of the Manual of Uniform Traffic Control and Devices (MUTCD), STOP signs can be warranted at an intersection if one of the following warrants is met:

**Intersection of a less important road where application of the normal right-of-way rule would not be expected to provide reasonable compliance with the law:** The traffic study indicated the following volumes:

- 6<sup>th</sup> Street carried 194 to 199 AADT;
- 14<sup>th</sup> Avenue carried 470 AADT.

This intersection was observed to meet the application of the normal right-of-way rule with reasonable compliance with the law. *Therefore this warrant was not met.*

**Street entering a through highway or street (arterial):** 6<sup>th</sup> Street and 14<sup>th</sup> Avenue are classified as local streets. *Therefore this warrant was not met.*

**Unsignalized intersection in a signalized area:** In accordance with MUTCD criteria, there are no signalized intersections in this area. *Therefore this warrant was not met.*

**Minimum vehicular volumes:** To satisfy the traffic warrant, the vehicular volume entering the intersection from the major street approaches (total of both approaches) should average at least 300 vehicles/hour for any 8 hours of an average day. The study indicated that 14<sup>th</sup> Avenue averaged less than 60 vehicles/hour for the busiest hours of an average day. *Therefore this warrant was not met.*

**Restricted view or crash records indicate a need for control by the STOP sign:** There are no obstructions that would restrict a motorist's vision at this intersection. To satisfy the accident experience warrant, at least 5 or more reported crashes in a 12-month period that is susceptible to correction by a STOP sign installation. In the past 3 years, there have been no reported crashes at this intersection. *Therefore this warrant was not met.*

**Summary:** *The traffic study performed on the dates referenced above indicated that this intersection did not meet any of the above warrants or conditions for the installation of STOP signs.*

**SUBMITTED BY:** Michael J, Kane, P.E., City Engineer

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**APPROVED:**

5-25-11

This letter is a petition to the City of Rock Island, I am trying to have a Stop sign put in on the corner of 6<sup>th</sup> St + 14<sup>th</sup> Ave in Rock Island Illinois. Reason being that the area has a very great amount of children that play right in this area and are always crossing the street. This street does draw alot of traffic and it would make it safer for the children, being there is not a sign of any kind going either direction. This would be very appropriate for the Stop sign to be put up.

Thank you

Rachael League - 507 14<sup>th</sup> Ave

John Lepp - 507 14<sup>th</sup> Ave

John Smith, Court Ave

Eloony Heann

Russell Bowen

Nochelle Bernal 515 ~ 14<sup>th</sup> Ave

Ed Rhodes

Jenifer Petersen 1520 14<sup>th</sup> St

Janastha Singh 507 14<sup>th</sup> Ave  
Ray Singh 507 14<sup>th</sup> Ave

Thank You

Rachelo A. League  
507 14<sup>th</sup> Ave  
Rock Island IL 61201

309-371-0198

10/11