



## **STAFF REPORT**

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### **Discussion of Hiller Street Traffic Calming Cost Estimates and Direction to City Staff**

Honorable Mayor and City Council:

#### **Summary**

The Sterling Downs Neighborhood Association met with City staff and developed a series of possible changes to the traffic calming devices and other improvements along Hiller Street between Ralston Avenue and Sterling View. City staff has prepared the cost estimates for each of the possible changes and is presenting that information to City Council for discussion and direction.

#### **Background**

City staff met with residents of the Sterling Downs neighborhood on March 10<sup>th</sup> to discuss the traffic calming devices along Hiller Street and the side streets between Cornish and Ralston Avenue. At the meeting, the Sterling Downs Neighborhood Association representative indicated the preferred solution for the traffic calming devices is to first remove the side street bulb-outs, have a trial period to determine whether or not the remaining bulb-outs should be removed and then return to Council for further action. The group identified a series of other possible changes and asked for cost estimates.

The following provides the total cost of labor, material and equipment for each of the alternatives the Neighborhood Association requested:

- |    |  |           |
|----|--|-----------|
| 1) | Removing all the bulb-outs at one time                         | \$47,200  |
| 2) | Removing just the side street bulb-outs                        | \$26,400  |
| 3) | Slurry seal Hiller from Ralston to Sterling View               | \$154,900 |
| 4) | Slurry seal Hiller from Ralston to Cambridge                   | \$133,200 |
| 5) | Slurry seal Masonic between Hiller and Granada                 | \$14,100  |
| 6) | New thermoplastic pavement markings (Ralston to Cambridge)     | \$13,500  |
| 7) | New thermoplastic pavement markings (Cornish to Sterling View) | \$13,300  |

## Discussion of Hiller St. Traffic Calming Cost Estimates

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8)	Monument Signs:	12" x 12" Wood Posts (4 posts)	\$5,000
		24" Square stucco	\$5,400
		24" Concrete	\$5,200
	It should be noted these are construction costs only.		
9)	Relocating and adding signs for safety/ visibility		
	Moving Existing signs		\$3,300
	Additional signs		\$6,600
10)	Intersection Treatments	Landscaping w/ 24" high planter	\$27,300
		24" Rock	\$5,400

### **Discussion**

The Neighborhood Association has requested the slurry seal of several streets as a means to reduce the confusion of the old pavement markings that were ground out and painted over and the new ones that have been installed along Hiller Street and Masonic Way.

The Pavement Condition Index for Hiller Street between Ralston Avenue and Marine View is 78. This indicates the roadway surface is in good condition. The implementation of a slurry seal would normally not be considered until the Pavement Condition Index reaches the low 60s. This indicates that Hiller Street would not need a slurry seal for another 6 to 8 years.

The Pavement Condition Index for Masonic Way between Hiller Street and Old County Road ranges between 2 and 9. This street is in a Failed condition and requires reconstruction. The installation of slurry seal on Masonic Way would not add to value to the structural integrity of the roadway. The cost to reconstruct Masonic Way between 610 Masonic Way and Hiller Street (PCI of 2) is \$128,000 and between 610 Masonic Way and Old County Road (PCI of 9) is \$208,000 for a total of \$336,000.

The Pavement Condition Index for most of the other streets in the Sterling Downs neighborhood has PCIs that are 70 or greater and are generally in Good condition. The exceptions are Wessex Way from Hiller Street to the end of the cul-de-sac east of Hiller Street (PCI of 21) and Wessex Way between Granada to the Post Office (PCI of 18). Both of these streets should be reconstructed. The reconstruction cost estimates for the two street segments on Wessex are \$186,000 and \$124,000, respectively.

From strictly a Pavement Management perspective, the priority for expending funds on pavement resurfacing projects within the Sterling Downs neighborhood should be on Masonic Way and the two segments of Wessex Way. City staff is scheduled to return to Council in December to outline the proposed Pavement Management Program based upon the available State and Federal funding. There are other streets throughout the City that are in worse condition. The Pavement Management Program will estimate when Masonic Way and Wessex would be scheduled for reconstruction.

The new thermoplastic pavement markings between Ralston Avenue and Cambridge are only needed if Hiller Street is slurry sealed. The remaining portion of Hiller street between Cornish and Sterling View is to remove and replace the existing pavement markings. This could be implemented without slurry sealing the street. If this segment of street is slurry sealed, the pavement markings will have to be replaced.

The monument signs, relocating and adding signs for improved safety and visibility and the intersection treatments are all optional treatments for the neighborhood.

The primary concerns of the Sterling Downs Neighborhood Association is to remove the bulb-outs on the side streets along Hiller Street and to replace them with asphalt. They would then want a trial period to determine if the removal of the side street bulb-outs was sufficient to meet the neighborhood concerns. If it did not meet the neighbors concerns, they would then want the remaining bulb-outs removed and the street restored as it was before the bulb-outs were installed. City staff would want a 90 day trial period to insure that we could work this project into our existing work schedule.

### **Fiscal Impact**

The actual cost is dependent upon which measures the City Council directs City staff to implement. The costs range from the removal of the bulb-outs on the cross streets (\$26,400) to a project that includes all the elements (approximately \$400,000).

The changes to the Hiller Street Traffic Calming project may be funded out of the General Fund, Measure A Fund or the Redevelopment Agency Fund. City Council will be evaluating a number of budget measures to reduce the impact on General Funds as part of the Budget review process. This does not appear to be a viable funding alternative. The City Council has previously given staff direction to maximize Measure A funds for the resurfacing and reconstruction of roadways throughout the City. The Pavement Condition Index of Hiller Street indicates that the street would not be considered for any pavement treatments for another 6 to 8 years. This would not be a prudent use of Measure A funds. The Redevelopment Agency does have funds that could be used to implement some or all of the measures requested by the Sterling Downs Neighborhood Association.

### **Recommendation**

It is recommended City Council:

- 1) Discuss the alternatives requested by the Sterling Downs Neighborhood Association.
- 2) Authorize City staff to remove the bulb-outs on the side streets along Hiller Street.
- 3) Implement a 90-day trial period from the day the bulb-outs are removed to assess whether or not additional measures should be taken.
- 4) Appropriate \$26,400 to Street Maintenance from the Redevelopment Agency to remove the bulb-outs on the side streets.

- 5) Add the remaining alternatives to the list of unfunded Redevelopment Agency Capital Projects to be considered as part of the Redevelopment Agency budget.

**Alternatives**

- 1) City Council may implement any one or all of the alternatives requested by the Sterling Downs Neighborhood Association.
- 2) Refer the matter back to City staff for additional study

Respectfully submitted,

Raymond E. Davis, III, P.E., PTOE  
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