



Date: April 22, 2015
To: Patrick H. West, City Manager *T.H.W.*
From: Ara Maloyan, P.E., Director of Public Works/City Engineer *h*
For: Mayor and Members of the City Council
Subject: **Street Sweeping Optimization Update**

As you are aware, per a request from the Mayor and City Council, the City Manager has directed staff to conduct a street sweeping optimization study to improve customer service while maximizing efficiencies in the operation. The objectives of this optimization are as follows:

1. Relieve congestion in parking impacted neighborhoods by reducing four-hour sweeping time zones to two-hour time zones where possible;
2. Eliminate 4 a.m. – 8 a.m. time zones in residential neighborhoods where possible;
3. Eliminate conflicts with refuse collection;
4. Evaluate new vacuum style air sweepers for use; and
5. Generate cost savings.

Environmental Services Bureau (ESB) management has met with street sweeping and parking control staff numerous times in a collaborative effort to achieve these objectives.

Staff is making considerable progress on this project. Among other accomplishments, they have: identified potential 4 a.m. – 8 a.m. time zones that could be eliminated; defined and mapped conflict areas with refuse collection; tested seven different vacuum sweepers and selected one for purchase; and identified potential cost saving measures.

Staff is currently working with a logistics consultant to develop an algorithm for routing software to create efficient two-hour routes that meet the objectives of this effort. To that end, ESB staff will schedule meetings with each Council office to discuss changes that may affect neighborhoods in each Council district, including explaining which areas we anticipate moving out of a 4 a.m. – 8 a.m. time zone. Staff will be seeking input from each Council office on these and other changes that may impact each district.

If you have any questions regarding this project, please contact either James R. Kuhl, Manager of the Environmental Services Bureau, or Diko Melkonian, General Superintendent of Operations.

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cc: Charles Parkin, City Attorney
Laura Doud, City Auditor
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