

## **City of Rancho Palos Verdes**

### **2013 Infrastructure Report Card**

Engineer's Opinion of Improvement Costs to Improve  
Sewer Infrastructure Grade Level by  
One Letter Grade (D to C)

<b>No.</b>	<b>Description &amp; Location (Drainage Area)</b>	<b>Cost</b>
1	CIP related projects per 2009 Sewer Master Plan Update*	\$1,918,000
2	Repair/replacement of existing gravity pipe as needed (i.e. non-CIP) by the Sewer Maintenance District (SMD)	
3	Relining (CIPP) of existing pipes by the SMD	
4	Repair/replacement of existing force main/pressure pipe by SMD	
5	Repair/replacement of existing manholes by SMD	
6	Upgrade of lift stations by SMD	
<b>Total</b>		<b>\$1,918,000</b>

Prepared by: SA Associates

## **City of Rancho Palos Verdes**

### **2013 Infrastructure Report Card**

Engineer's Opinion of Improvement Costs to Improve  
Sewer Infrastructure Grade Level to  
An "A" Grade (D to A)

<b>No.</b>	<b>Description &amp; Location (Drainage Area)</b>	<b>Cost</b>
1	Improvements Listed in Table Above	\$1,918,000
2	Installation of some additional/redundant infrastructure by SMD	
3	Additional replacement of pipe/manholes (beyond above table) by SMD	
4	Replacement of lift stations by SMD	
5	Working with LA County towards improving system & maintenance	\$500,000
6	Miscellaneous Improvements (i.e. aesthetics/noise/smell, etc.) by SMD	
<b>Total</b>		<b>\$2,418,000</b>

Prepared by: SA Associates

\* Each segment identified as needing additional capacity in the 2009 Sewer Master Plan will be reviewed and confirmed prior to design or construction.

Note: the City's 2009 Sewer Master Plan Update and 2013 Five-Year Capital Improvement Plan was used to prepare the above estimates. Items may not exactly match the City's 2013-2014 CIP cost estimates as they have been modified based on the engineer's opinion resulting from preparing the Infrastructure Report Card and discussions with City staff.