



# City of Rancho Palos Verdes

## 2013 Infrastructure Report Card

Infrastructure Management  
Workshop  
February 10, 2014

# Infrastructure Report Card

- Report Card
- Grading Process
- Categories
- Criteria
- Grades
- Next Steps



**Experience in  
Infrastructure  
Report Cards**

**Exclusively  
Municipal and  
Public Agency  
Experience**

**SA**  
**ASSOCIATES**

**24 Years of  
Experience in  
Infrastructure  
Projects**

**Specific  
Experience in  
LA County IRC  
2002, 2005 &  
2010**



# What is Rancho Palos Verdes 2013 Infrastructure Report Card?



An Independent Review of the current state of  
infrastructure within the City

## WHY is a Report Card Important?

Opportunity for  
Comprehensive  
Appraisal

Track Trends &  
Forecast Future

Inform the  
Public & Policy  
Makers

Guides Policy  
Makers



# Report Card:



# Infrastructure Management Program:



# The Grading Process



# Assessed Categories



Public Buildings



Park Sites



TRAILS



Storm Water System



Sanitary Sewer System



Abalone Cove District Sewer System



Right of Way and Traffic Control Devices



Palos Verdes Drive South Landslide



# Assessment Criteria

**General Condition**

**Capacity vs. Demand**

**Operation/Functionality & Maintenance**

**Safety & Security**



# Grading Criteria



Follow ASCE Report Card Methodology



Utilize Grading Criteria The General Public Relates To

**A : 90 - 100%**

**Exceptional**

**B : 80 - 99%**

**Good**

**C : 70 - 79%**

**Average**

**D : 41 - 69%**

**Poor**

**F : 40% or lower**

**Failing**



# Assessed Categories



**Public Buildings**



**Park Sites**



**TRAILS**



**Storm Water System**



**Sanitary Sewer System**



**Abalone Cove District Sewer System**



**Right of Way and Traffic Control Devices**



**Palos Verdes Drive South Landslide**





## PUBLIC BUILDINGS

17 BUILDINGS / 8 LOCATIONS / 68,819 SQUARE FEET

### Recommendations:

- ✓ Develop a comprehensive long term maintenance plan
- ✓ Secure funding sources for maintenance, renovation, and replacement
- ✓ Encourage efforts towards updating City buildings into green and sustainable buildings





Robert E Ryan Park



## PARK SITES

16 PARKS / 185.95 ACRES

### Recommendations:

- ✓ Continuous maintenance, renovation & development of Parks System
- ✓ Update the 1989 Parks Master Plan
- ✓ Secure consistent funding for maintenance/unfunded projects





Ocean Front Estates Trail



## TRAILS

101 PRESERVE TRAILS - 29 MILES / 16 NON-PRESERVE TRAILS - 3 MILES

### Recommendations:

- ✓ Update the 1984 Trails Master Plan
- ✓ Secure consistent funding for maintenance
- ✓ Perform a Visitor Survey/Study to know the expected increase in the number of visitors.
- ✓ Perform Parking Assessment Study
- ✓ Expand public awareness to protect the preserve.





McCarrell Canyon Storm Drain



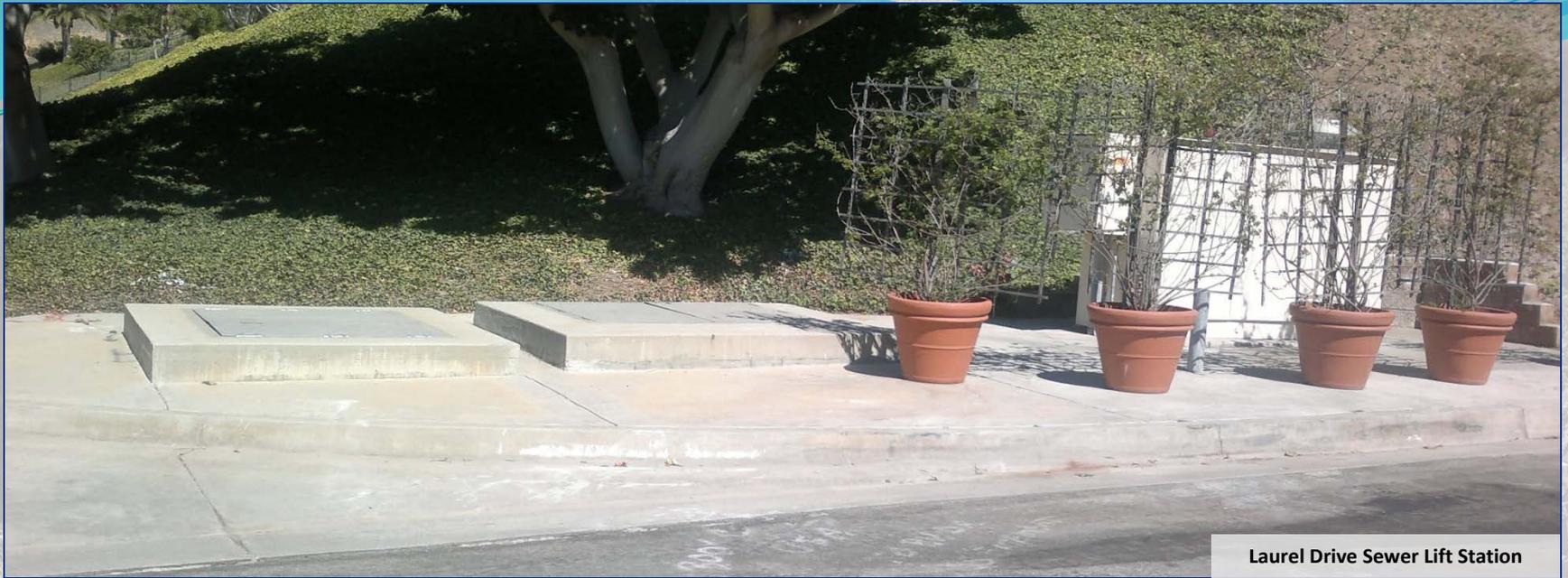
## STORM WATER SYSTEM

4.6 MILES / 588 CATCH BASINS / 67 MANHOLES / 82 CULVERTS / 51 INLETS / 200 TRASH EXCLUDERS

### Recommendations:

- ✓ Maintain a strong CIP program
- ✓ Renew user fee/rates
- ✓ Utilize natural drainage patterns
- ✓ Install debris reduction methods
- ✓ Maintain proper maintenance/cleaning
- ✓ Inspect 100% of known Storm Drain System





Laurel Drive Sewer Lift Station



**D**

## **SANITARY SEWER SYSTEM**

**150 MILES / 3,707 MANHOLES / 17 LIFT STATIONS**

### **Recommendations:**

- ✓ **Maintain a strong CIP program**
- ✓ **Establish user fee/rates**
- ✓ **Maintain proper maintenance/cleaning**





Abalone Cove Shoreline Park Sewer Lift Station



## ABALONE COVE DISTRICT SEWER SYSTEM

7.8 MILES / 130 MANHOLES / 44 GRINDER PUMPS

### Recommendations:

- ✓ Maintain a strong CIP program
- ✓ Increase user fee/rates
- ✓ Maintain proper maintenance/cleaning





## RIGHT OF WAY & TRAFFIC DEVICES

23,497,303 SQUARE FEET OF AC PAVEMENT / 3,332,396 SQUARE FEET OF SIDEWALK  
1,084,172 LINEAR FEET OF CURB & GUTTER / 627,435 SQUARE FEET OF MEDIANS

### Recommendations:

- ✓ Maintain a strong CIP program
- ✓ Continue to Seek and Obtain Funding Sources
- ✓ Maintain proper maintenance/cleaning





## **PALOS VERDES DRIVE SOUTH LANDSLIDE**

**1.2 MILES OF PALOS VERDES DRIVE SOUTH EXPOSED TO LANDSLIDE**

### **Recommendations:**

- ✓ **Maintain a strong CIP program**
- ✓ **Maintain a strong maintenance program**
- ✓ **Continue to Work Together with other agencies**
- ✓ **Continue to Seek and Obtain Funding Sources**
- ✓ **Investigate and minimize groundwater sources in neighboring cities**



# Summary

Infrastructure	Grade
Public Buildings	D
Park Sites	B
Trails	A
Storm Water System	C
Sanitary Sewer System	D
Abalone Cove District Sewer System	D
Right of Way & Traffic Devices	A
Palos Verdes Drive South Landslide	D



# Future Steps

Know the  
Grades

Recommend  
Preparation  
of an IMP

Establish  
Funding  
Sources

Implement  
the Program  
to improve  
and maintain  
infrastructure





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