



City of Rancho Palos Verdes

2013 Infrastructure Report Card

Evaluation of Right of Way and Traffic Devices



Evaluation Strategy

Grading Shall be the Opinion of the Consultant Based on the Following Approach:

- Meet with City Staff (Kickoff Meeting)
- Gather Required Information (i.e. Data, Reports, etc)
- Visit Various Facility Sites
- Review Provided Information
- Evaluate Current Infrastructure Condition and Determine "Draft" Grade
- Discuss Analysis of Data and Obtain Written and Verbal Elaborations on Current Infrastructure Conditions from City Staff
(that Amend or Expand Written Report Data)
- Re-Evaluate Current Infrastructure Conditions and Draft Grade
(Based on Increased Understanding of Infrastructure Conditions from City Staff)
- Prepare Draft Report Summarizing the Infrastructure Conditions and Provide a Revised Grade (if Different from "Draft" Grade Above)
- Meet with City to Review Draft Report & Obtain Comments from City Staff
- Finalize Report Based on Comments from City and Provide Final Grade

Kickoff Meeting with City Staff

- June 12, 2013

- Attendees:
 - Siamak Motahari
 - Bindu Vaish
 - Nicole Jules
 - Ron Dragoo
 - Andy Winje
 - Nadia Carasco

- Nicole Jules Provided Information on The Traffic & Right of Way System Following the Kickoff Meeting.

Data/Information Evaluated

- 2013 PCI Street Map
- 2013 PCI Report Spreadsheets
- 2009 Pavement Management System Report
- 2008 Traffic Calming Program
- 2011-2012 Traffic Analysis Report
- Capital Improvements Projects List (unfunded projects)
- Conceptual Bikeways Plan

Site Visits

- June 20th
 - Drove through various streets throughout City.

Photos from Site Visits (June 20, 2013 Site Visit:)

Various Streets



Review of Provided Data/Reports

- **2009 Pavement Management System Report**
Determined: Overall aspects of traffic and right of way system, including pavement and sidewalk quantities, and the PCI and SI indexes of arterials and residential streets
41 miles of streets (105 mi of local streets; 36 mi of arterials)*
*23.5 million square feet of AC**; 3.3 million square feet of concrete sidewalk**; 627,435 square feet of medians***
- **2013 PCI Report Spreadsheets & Street Map**
Determined: Current condition of streets in the City
- **2008 Traffic Calming Program**
Determined: Different Levels of Traffic Calming tools, their use in the City, and associated costs
- **2011-2012 Traffic Analysis Report**
Determined: Traffic flows along PVD South, connecting streets, and the impact of future development

- **Conceptual Bikeways Plan**
Determined: Bikeway Classes throughout City, location of bikeways, and associated costs

Preliminary Evaluation

Evaluation Criteria:

- **Capacity of Infrastructure**
As it relates to traffic flows
- **Structural Condition of Infrastructure**
As it relates to drive-ability/ride ability, and operation & maintenance
- **Environmental Sustainability of Infrastructure**
As it relates to safety, promoting recreation, an aesthetic environment and preserving nature

Preliminary Evaluation (cont.)

"Draft" Grades

Capacity of Infrastructure: **A (92%)**

Structural Condition of Infrastructure: **B (86%)**

Environmental Sustainability of Infrastructure: **A (96%)**

Overall Grade: A (92%)

Progress Meeting

July 30, 2013 and August 8, 2013

Progress Meeting were held on above dates.

Data Evaluation and "Draft" Grades were discussed with City staff. Current condition of right of way/traffic system was discussed. Data presented in 2009 PMS Update was a little behind/outdated. Some portions of the streets had a lower PCI/SI index. A 2013 Update (Spreadsheets and Map) was provided for further evaluation. Funding concerns were also discussed.

Re-Evaluation of ROW/Traffic System, Report Preparation, and Final Grade Determination

Final Grade of ROW/Traffic System based on review of existing data, site visits, and discussions with City staff, is shown on spreadsheet breakdown below:

Evaluation of Right of Way and Traffic Devices			
Criteria 1: The capacity of infrastructure as it relates to traffic flows			
No.	Subcriteria	Score	Comments
1	Overall accessibility/drive-ability throughout City	9	Good accessibility throughout City
2	Width/Number of Lanes/Traffic Concerns	9	Traffic concerns only at certain times/days
3	Alternative Access Routes storm drain system	8	Not many feasible alternate routes due to landscape
4	Accessibility for cyclists and pedestrians	10	Multiple Class I, II, III bikeways available
5	Cost of current or pending capacity improvements	9	No widening projects anticipated
Average Score		9.0	"A" Grade
Criteria 2: The structural condition of infrastructure as it relates to drive-ability/ride ability, and operation & maintenance			
No.	Subcriteria	Score	Comments
1	Overall structural condition of roadways	9	Overall great condition of roadways
2	Quantity of structural condition problems	8	Small amount of structural needs
3	Severity of structural/condition problems	8	Mostly general cracking/deterioration
4	Safety concerns of structural/maintenance problems	9	No major potholes/safety hazards
5	Cost of structural/maintenance problems	8	Moderate to major improvements anticipated
Average Score		8.4	"B" Grade
Criteria 3: The environmental sustainability of infrastructure as it relates to safety, promoting recreation, an aesthetic environment and preserving nature			
No.	Subcriteria	Score	Comments
1	Overall environmental conditions/utilization	10	Overall excellent environmental conditions
2	View/Scenery of local streets and arterials	10	Excellent view/scenery
3	Landscaping improvements along roadways	10	Great landscape planning/maintenance
4	Debris/trash/graffiti/etc on or adjacent to roadways	9	Little to no debris/trash/graffiti noticed
5	Cost of cleaning/maintenance	9	City routinely cleans and inspects
Average Score		9.6	"A" Grade
Total Average Score		9.0	"A" Grade

Final Grade: "A"