



MEASURE A CITY ROADWORK SUMMARY

A message from the City of El Cerrito

Dear El Cerrito Citizens,

Anyone who lives or travels through El Cerrito knows that the City has been busy working to improve our local streets over the past three years. This work was a result of the El Cerrito Pothole Repair, Local Street Improvement and Maintenance Measure, which was approved by voters in February 2008. I am happy to report that "Measure A" has been very successful in fixing our streets and the initial work has been accomplished in less time than expected.

The program was designed in multiple phases, originally starting with a four-year accelerated work plan to bring the majority of local street conditions up to good pavement condition, followed by an on-going maintenance program. Due to the economy and other factors (including outside funding sources), staff saw opportunities to significantly accelerate the work even more to take advantage of excellent construction prices. This resulted in finishing the initial phase of the plan one year early (in 2011 instead of 2012).

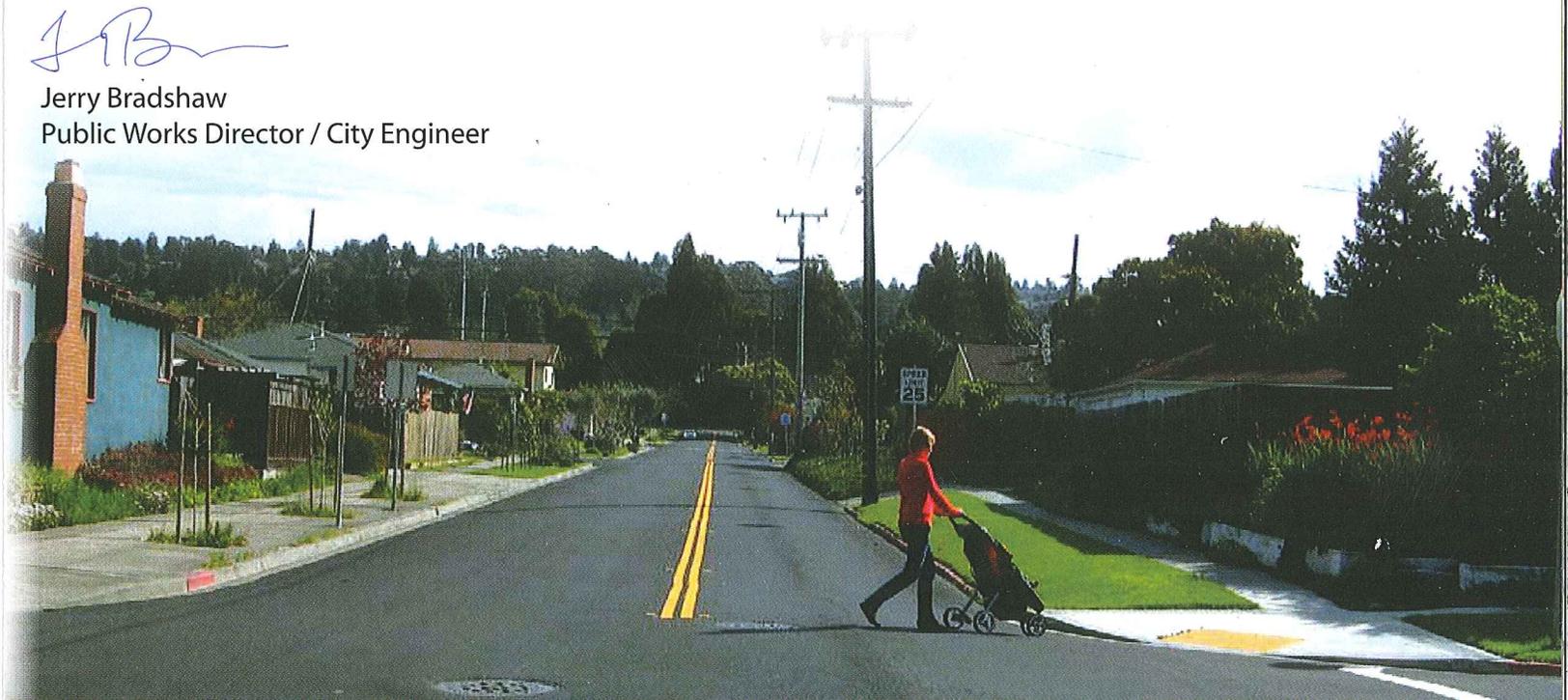
The other good news is that the results of the Measure A work has made a difference! The City evaluates the condition of each street using the standard Pavement Condition Index (PCI) to rate streets on a 100-point scale, with failed streets rated at 0 and excellent streets at 100. The City uses the PCI rating to help determine what type of work is needed for each street, as well as to help prioritize the order in which streets are repaired. When the City first began developing the street improvement program in 2007, the average PCI was only 52. Among Bay Area cities, that score meant El Cerrito was rated as one of the "Ten Worst." It is my great pleasure to report that the City's PCI was re-evaluated in the fall of 2010 and is now at 85 – one of the best in the Bay Area!

With the accelerated repair work completed, the City will now start the comprehensive on-going street maintenance and rehabilitation program in 2011. The focus now is to ensure the streets remain in good pavement condition. The annual maintenance work program will be much less intensive than the roadwork performed during the past three years.

We want to take this opportunity to thank all of the citizens of El Cerrito for their support for Measure A and patience during the sometimes hectic construction over the past few years.

Sincerely,

Jerry Bradshaw
Public Works Director / City Engineer



PROGRAM OVERVIEW

Thanks to voter approval in 2008 of Measure A, the El Cerrito Pothole Repair, Local Street Improvement and Maintenance Measure, the City has dedicated funding for a comprehensive street pavement repair and maintenance program. The program is an investment by the community in El Cerrito's future and a commitment by the City to maintain and enhance the quality of life for residents and businesses.

With Measure A funding, the City developed an intensive multi-year program to fix potholes, install curb ramps and resurface streets. To rapidly improve El Cerrito's street system in the most efficient way possible, the City utilized bond financing to fund the accelerated program.

2008 In 2008, the City repaired **500,000** square feet of potholes and other pavement failures, repaved **1.3** miles of streets and constructed over **300** new curb ramps.

2009 In 2009, the City resurfaced **26.7** miles of streets, constructed **12** new curb ramps and repaired **40** failing storm drains.

2010 In 2010, the City resurfaced **15.7** miles of streets, constructed **18** new curb ramps and also repaired **16** storm drain inlets, **2** manholes, and **500** linear feet of failing storm drains.

(Note: The improvements being made along San Pablo Avenue during this same time are not part of the Measure A program.)

Originally, the accelerated work plan was schedule to take four years to complete. However, the City was able to complete all the planned work in just three years!

The Next Phase: on-going street maintenance and rehabilitation

With completion of the accelerated work plan, beginning this year, the City will provide ongoing maintenance of the system in a manner to protect the City's valuable street infrastructure and maintain roadways in good pavement condition. Consistent with the Accelerated Work Plan, approximately 15% of dedicated revenue for streets will be set aside to improve non-vehicular mobility, accessibility and significant drainage problems associated with City streets. The Citizens' Oversight Committee will continue to review annual expenses based on the yearly workplan adopted by the City Council.

Moratorium on Street Excavation

In order to protect the City's investment on street improvements, the City places a moratorium (or waiting period) on recently paved streets that prohibits digging through them for up to five years, excluding emergency work. You can refer to the City's GIS webpage (http://www.el-cerrito.org/public_works/gis.html) or call the Public Works Department to find out if your street has a moratorium and when it expires.

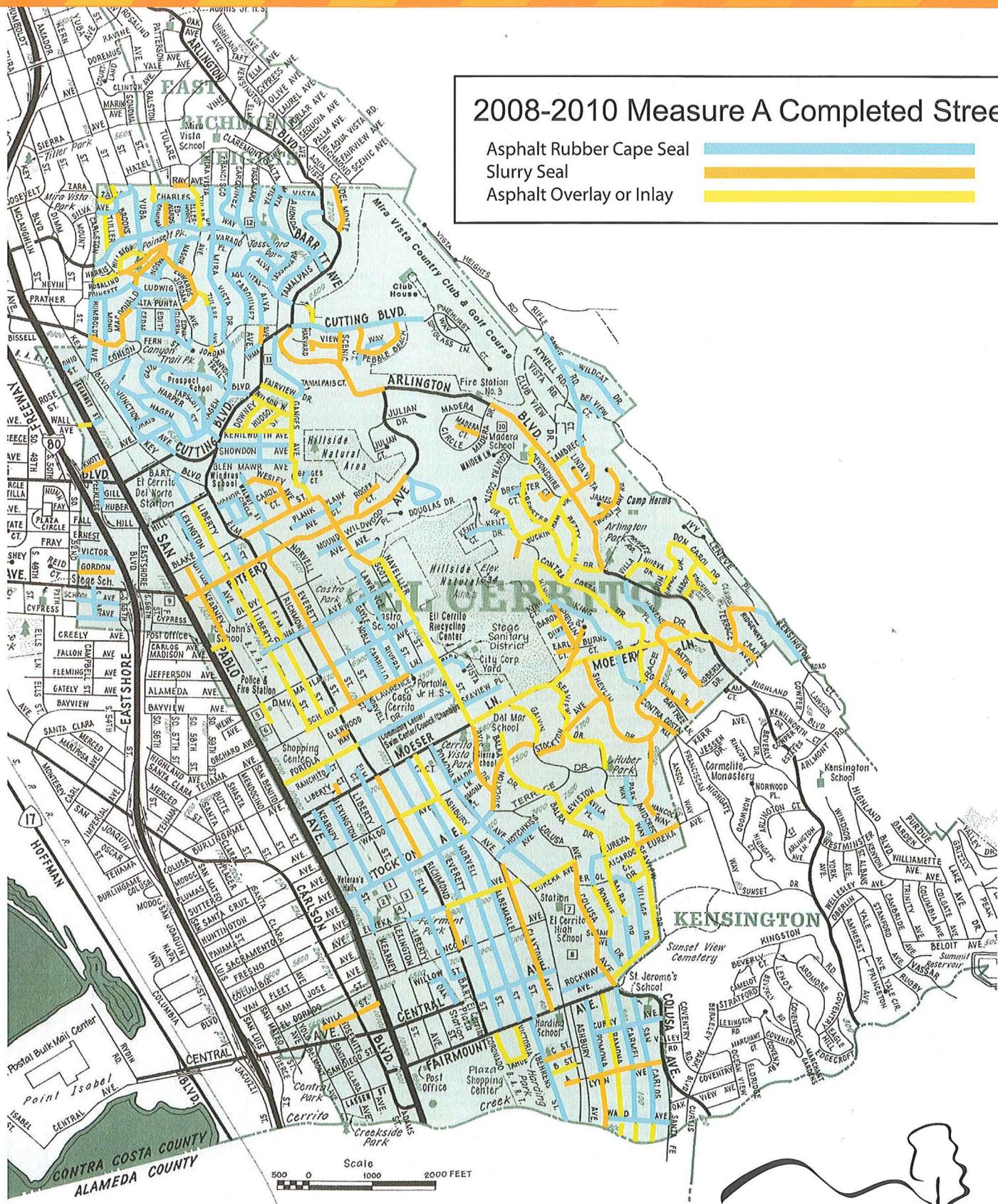
The US Environmental Protection Agency has directed sanitary sewer districts in the Bay Area (such as Stege Sanitary District) to repair defective sewer laterals as soon as possible. A "sewer lateral" is the portion of the sanitary sewer pipe from the house to the "sewer main" in the street. These repairs often necessitate digging up the street, which is in conflict with the City's paving moratorium. This creates a dilemma for the City as we try to protect our recent street paving investment while at the same time allow these important environmental requirements to be carried out to help ensure that raw sewage does not infiltrate the storm drain system that flows to the Bay.

The City, in cooperation with Stege, is seeking to minimize street excavations on moratorium streets. As such, the type of sewer lateral repair on a moratorium street will vary depending on the condition of the sewer lateral. If excavation is unavoidable, then special street restoration requirements will apply. For more information regarding this matter, please contact the City Public Works Department at (510) 215-4382 and Stege Sanitary District at (510) 524-4668.

MEASURE A COMPLETED STREETS

2008-2010 Measure A Completed Streets

- Asphalt Rubber Cape Seal
- Slurry Seal
- Asphalt Overlay or Inlay



**Portion of Map Reproduced with permission of the El Cerrito Chamber of Commerce





MEASURE A ROADWORK

As part of the Measure A accelerated work, the City utilized three different types of pavement resurfacing. This map shows where these treatments were used.

Asphalt Rubber Cape Seal

Cape Seal is a three-layer process where hot liquid asphalt (infused with rubber from recycled tires) is spread under asphalt-coated rocks and then rolled into place. The recycled rubber is a key element as it helps the liquid asphalt instantly fill the cracks in the old pavement and gives it superior bonding properties. It is also relatively flexible, which enables it to resist cracking in the future. The third layer is a slurry seal put over the top to make the road surface smooth enough for neighborhood traffic. This treatment has a 10 – 12 year life span.

Slurry Seal

Slurry Seal is the least expensive treatment, and includes a thin coat of asphalt emulsion intended to seal the cracks and provide a new driving surface for approximately seven years. This is considered preventive maintenance and does not provide additional structural value to the pavement.

Asphalt Overlay or Inlay

Asphalt overlay (a new thick layer of asphalt over the existing roadway) and inlay (grinding out the old asphalt and installing all new asphalt) were the most expensive treatment methods. These types of treatments are used for streets with major structural deficiencies and have a life span of 25 years or more.

Other Work

The City also replaced some failing storm drain pipes and constructed or improved curb ramps to meet the standards set in the Americans with Disabilities Act.



Types of Work Completed

Prior to roadwork in 2008, the City inspected all streets to determine what type of work was needed as well as to help prioritize the order in which they would be repaired. The type of treatment chosen for each street depended on pavement condition and economic factors.



Leveraging Funding

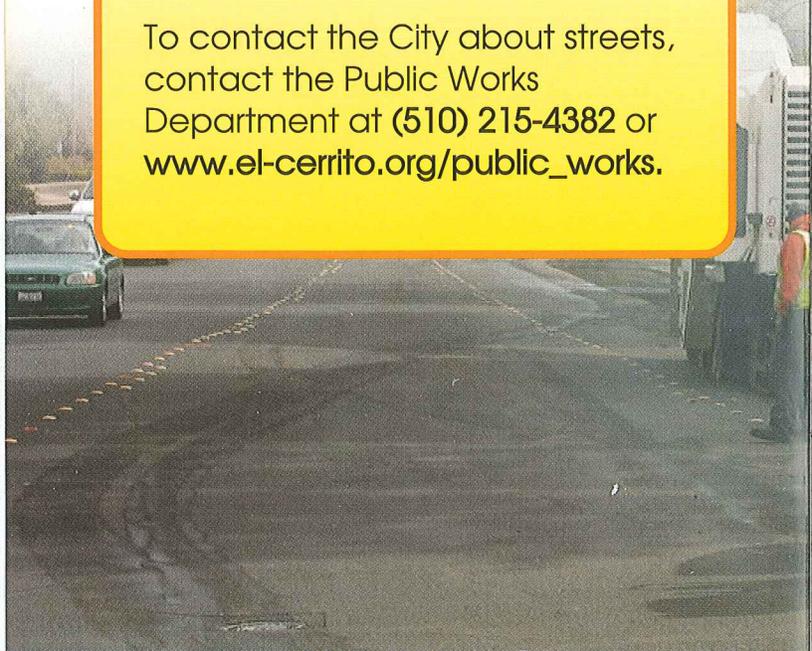
During these slow economic times, the City was able to provide jobs as well as take advantage of lower construction pricing and grant opportunities including federal stimulus money. In summary, the program spent \$14.4 million on the City's streets between 2008-2010. Funding came from multiple sources as follows:



Measure A Bond Proceeds	\$10.5 M
Measure A Annual Proceeds	\$2.0 M
Various Grant Funds	\$1.8 M
Miscellaneous Sources	\$0.1 M

PLEASE NOTE: The website used to inform the public about the roadwork construction, www.pavingelcerrito.org will be phased out, along with the Street Paving Hotline phone number and email address.

To contact the City about streets, contact the Public Works Department at (510) 215-4382 or www.el-cerrito.org/public_works.





10890 San Pablo Avenue
El Cerrito CA 94530

 *Printed on Recycled Paper*

Measure A Street Improvement Program Success

THE RESULTS ARE IN! Thanks to voter approval in 2008 of Measure A, the El Cerrito Pothole Repair, Local Street Improvement and Maintenance Measure, the City was able to begin a comprehensive street pavement repair and maintenance program.

Between 2008 and 2010, the focus of the Measure A Street Improvement Program was aimed at “catching up” on all the deferred maintenance of local streets with the goal of improving most local streets and raising the average pavement condition index (PCI – the “score” of the pavement on a scale of 1 – 100) from 52 to about 70. After completing all the “accelerated work” last year, the City recently had all the streets inspected and rated using the PCI. The results are better than expected—El Cerrito’s current average PCI is 85!

Now, the City can begin the comprehensive on-going street maintenance and rehabilitation phase of the program to ensure the streets STAY in good pavement condition. Read more inside this brochure.

Question or comments about local streets in El Cerrito?
Contact the Public Works Department at **(510) 215-4382** or
learn more online at www.el-cerrito.org/public_works.

