

## PPRTA PROJECTS AND PROGRAMS QUARTERLY UPDATE



Street Division – Concrete Improvements on Galley Road



City Engineering - Meadowland Pedestrian Bridge Replacement



City Engineering – Proby Parkway



City Engineering – Woodmen Road Corridor Improvement Project

*The Future of Transportation in Colorado Springs*

February 13, 2010



**PPRTA PROJECTS AND PROGRAMS QUARTERLY UPDATE**

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**Project Name:** Austin Bluffs Corridor - Nevada Ave. to Academy Blvd. & Barnes Rd. to Old Farm Dr.

**Project Program:** PPRTA Capital  
**Project Cost:** \$29,937,754

**Project Description:**

The project will design and construct improvements to widen Austin Bluffs Parkway to six through lanes and appropriate turn lanes at intersections from Nevada Avenue to Ruby/Old Farm Drive. Construction done under previous projects along the corridor will be utilized, as much as possible, to end up with a consistent six lane arterial corridor within the project limits. Specifically, improvements at Austin Bluffs/Nevada, Austin Bluffs/Union, Austin Bluffs/Academy, and Austin Bluffs/Old Farm will be incorporated into the project improvements. The objectives of this project include:

- Provide improved east-west mobility per the East-West Mobility Study
- Reduce accidents and congestion at signalized intersection.
- Enhance roadway capacity and safety.
- Adhere to the City's "complete streets" concept along the corridor.
- Identify Right of Way needs and acquire the ROW needed for the corridor.

The project scope includes corridor development, preliminary design, permitting, public information and outreach, final design, ROW acquisition, construction, and construction management. The design of the project will combine two PPRTA "A" list projects into one project, namely the Nevada Avenue to Academy Boulevard and the Barnes Road to Old Farm Drive.

**Project Status:**

- *Project design was suspended in December 2009 due to a shortfall of City Engineering staff available to manage the project. Work will resume when new program management staff is in place.* An open house was held on September 24, 2009 to obtain people's concerns for the corridor. *Alternatives will be presented to the public summer 2010.*

Project Schedule:	Consultant/Contractor	Status
Design: <b>2009-2010</b>	Matrix Design Group	Notice to proceed May 14, 2009.
Right-of-Way: <b>2009-2010</b>	<i>N/A</i>	
Construction: <b>2012-2014</b>	<i>N/A</i>	

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	Robin Kidder, Roadway Engineering Manager	385-5058	<a href="mailto:rkidder@springsgov.com">rkidder@springsgov.com</a>	City of Colorado Springs / City Engineering

Funding Source(s):	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012-2014	Project Total
PPRTA					\$ 1,700,000			\$ 28,237,754	\$ 29,937,754
Other (Explain):									\$ -
<b>TOTAL</b>					\$ 1,700,000	\$ -	\$ -	\$ 28,237,754	\$ 29,937,754

**Spent by Category as of February 13, 2010**

<b>Design &amp; Construction Management</b>	<b>\$572,171</b>
<b>Right-of-Way Acquisition</b>	<b>\$0</b>
<b>Construction</b>	<b>\$0</b>
<b>TOTAL</b>	<b>\$572,171</b>

**Additional Comments:** PPRTA budgets based on most recent PPRTA Capital Project List

***New and/or updated information is formatted above in bold italics***



↑  
Project is at step 2

**Project Name:** Milton E. Proby Parkway (a/k/a South Metro Accessibility, Phase I)

**Project Program:** PPRTA Capital  
**Project Cost:** \$55,440,114

**Project Description:**

- This project will implement the Phase I improvements recommended by the South Metro Accessibility Study between Academy Boulevard and Powers Boulevard. The total cost for improvements is estimated at \$55,440,114 (in 2009 dollars).
- The project scope includes corridor development, preliminary design, permitting, public information and outreach, final design, right-of-way (ROW) acquisition, construction, and construction management.

**Project Status:**

- City Engineering has completed the final design for Phase I improvements between Academy Boulevard and Powers Boulevard
- Local access improvements have been constructed as part of an Early Action project.
- Utility relocations are under way.
- Construction procurement was suspended in December 2009 due to a shortfall of City Engineering staff available to manage the project. Procurement will resume when new program management staff is in place. Construction is anticipated to start in Summer 2010.**

Project Schedule:	Consultant/Contractor	Status
Design: 2006-2009	URS	Approximately <b>95% complete</b>
Right-of-Way: 2007-2009		Four large parcels have been acquired. Two residential properties have been acquired for the Drennan Road extension to Jet Wing Drive. Coordinating easement acquisition for <b>one remaining parcel</b> .
Construction: 2010-2012		Construction of an early action project is complete. The early action project concentrated on local access changes on the west side of the overall project. <b>Early action utility duct bank completed.</b> Construction of main project should start in <b>Summer 2010</b> .

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	Robin Kidder, Roadway Engineering Manager	385-5058	<a href="mailto:rkidder@springsgov.com">rkidder@springsgov.com</a>	City of Colorado Springs / City Engineering

Funding Source(s):	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012	Project Total
PPRTA	\$ 109,111	\$ 604,316	\$ 2,069,187	\$ 6,661,483	\$ 12,585,766	\$ 11,676,074	\$ 19,322,083	\$ 2,412,094	\$ 55,440,114
Other (Explain):									
<b>TOTAL</b>	<b>\$ 109,111</b>	<b>\$ 604,316</b>	<b>\$ 2,069,187</b>	<b>\$ 6,661,483</b>	<b>\$ 12,585,766</b>	<b>\$ 11,676,074</b>	<b>\$ 19,322,083</b>	<b>\$ 2,412,094</b>	<b>\$ 55,440,114</b>

**Spent by Category as of February 13, 2010**

Design & Construction Management	\$7,188,218
Right-of-Way Acquisition	\$8,284,241
Construction	\$1,728,921
<b>TOTAL</b>	<b>\$17,201,380</b>

**Additional Comments:** PPRTA budgets based on most recent PPRTA Capital Project List

***New and/or updated information is formatted above in bold italics***



The Drennan Extension to Jet Wing Drive was completed in late November 2009



Construction of the Early Action Utility Duct Bank began in November 2009



Early Action Duct Bank will relocate telecommunications lines along Proby Parkway



**Project Name:** Fillmore/El Paso Street Improvements

**Project Program:** PPRTA Capital

**Project Cost:** \$854,649

**Project Description:**

The intent of this intersection improvement project is to realign El Paso Street, provide better turning radii, install new traffic signals, and improve the safety of pedestrian crossings.

**Project Status:**

- Wilson and Company has completed the design of the intersection improvements.
- Right-of-way acquisition has been completed in conformance with the City ROW Manual.
- CDOT IGA for construction funds executed.
- **Blue Ridge Construction was selected as the construction contractor.**

<b>Project Schedule:</b>	<b>Consultant/Contractor</b>	<b>Status</b>
<b>Design:</b> Sept. 2005 - Jan. 2007	Wilson & Co.	Final design is complete.
<b>Right-of-Way:</b> Feb. 2007 - Sept. 2007	N/A	Completed.
<b>Construction:</b> 2010	<b>Blue Ridge Construction</b>	<b>Anticipated to begin March 2010</b>

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Robin Kidder, Roadway Engineering Manager	385-5058	<a href="mailto:rkidder@springsgov.com">rkidder@springsgov.com</a>	City of Colorado Springs / City Engineering

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Project Total</b>
PPRTA		\$ 98,303	\$ 42,668	\$ 143,436	\$ 345,242			\$ 629,649
HES FY 2007			\$ 225,000					\$ 225,000
<b>TOTAL</b>	\$ -	\$ 98,303	\$ 267,668	\$ 143,436	\$ 345,242	\$ -	\$ -	\$ 854,649

**Spent by Category as of February 13, 2010**

<b>Design &amp; Construction Management</b>	\$99,084
<b>Right-of-Way Acquisition</b>	\$123,666
<b>Construction (Traffic Signal Equip.)</b>	\$64,792
<b>TOTAL</b>	<b>\$287,542</b>

**Additional Comments:**

*New and/or updated information is formatted above in bold italics*



**Project Name:** Hancock Avenue Bridge at Templeton Gap Floodway

**Project Program:** PPRTA Capital  
**Project Cost:** \$5,070,418

**Project Description:** The proposed project is the reconstruction of the existing Hancock Avenue Bridge over the Templeton Gap Floodway. The existing bridge is located along Hancock Avenue north of Fillmore Street and south of Austin Bluffs Parkway. The existing bridge is approximately 195 feet long and is a two-span pony truss bridge originally constructed in 1935 with an expansion project in 1961. The need for reconstruction of the bridge is due to the load posting of the bridge and hydraulic issues related to the Templeton Gap Floodway.

**Project Status:**

- Project design was suspended in December 2009 due to a shortfall of City Engineering staff available to manage the project. Work will resume when new program management staff is in place.*

<b>Project Schedule:</b>	<b>Consultant/Contractor</b>	<b>Status</b>
Design: 12 Months	<b>URS</b>	<b>URS was selected as the design consultant.</b>
Right-of-Way:		
Construction:		

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Robin Kidder, Roadway Engineering Manager	385-5058	<a href="mailto:rkidder@springsgov.com">rkidder@springsgov.com</a>	City of Colorado Springs / City Engineering

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012-2014</b>	<b>Project Total</b>
PPRTA	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 200,000		\$ 3,870,418	\$ 5,070,418
CSU/Transit/Planning		\$ -		\$ -	\$ -				
<b>TOTAL</b>	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 200,000	\$ -	\$ 3,870,418	\$ 5,070,418

**Spent by Category as of February 13, 2010**

<b>Design &amp; Construction Management</b>	<b>\$36,848</b>
<b>Right-of-Way Acquisition</b>	
<b>Construction - PPRTA Funds</b>	
<b>Construction - City Funds</b>	
<b>TOTAL</b>	<b>\$36,848</b>

**Additional Comments:**

***New and/or updated information is formatted above in bold italics***



The Hancock Avenue Bridge at the Templeton Gap Floodway

**Project Name:** On-Street Bikeway Improvements

**Project Program:** PPRTA Capital  
**Project Cost:** \$1,516,417

**Project Description:**  
 The City's Comprehensive Plan, Intermodal Transportation Plan (ITP), and the Complete Streets Policy strongly recommend that streets be designed to accommodate safe and efficient bicycle travel and access. There are many locations in the city where safe and adequate bicycle travel and access are not provided. The proposed improvements with this project will:

- improve and construct bicycle lanes in accordance with the ITP;
- improve access to the off-street trail system from roadways in residential and commercial centers;
- improve the safety and accessibility of trail crossing locations; and
- develop and implement improved signage providing improved information and direction to bicyclists.

**Project Status:**  
 Traffic Engineering staff started its review of the proposed 2010 Street Resurfacing Program to identify projects to piggyback bicycle lane or route improvements on to; the 2010 Bikeway Capital Improvement Project draft work plan is under development and will be completed by the second quarter, 2010.

- The 2009 work plan for new on-street bicycle facilities was fully implemented. New bicycle lanes have been installed on Cache La Poudre St., Cheyenne Meadows, East Lake Blvd., Dublin Blvd., and Lexington Drive (5 centerline miles of new bicycle lane). Five (5) miles of existing bicycle lanes or routes were also upgraded in 2009.
- Staff continues to input bicycle facility sign locations (coordinates) into the Cartegraph traffic sign inventory (ongoing effort as sign additions or changes are made).
- **Gap safety studies for five (5) existing or planned mid-block trail crossings were completed in January 2010; trail crossing improvements are under design for these locations (consultant) with anticipated construction of at least two trail crossing improvements in Summer 2010.**
- **A trail safety improvement project was constructed on the Palmer-Mesa Trail adjacent to Holmes Middle School to prevent parents from driving on the trail with automobiles during pick-up and drop-off times (collaborative project between TOPS staff and Traffic Engineering).**

**Project Schedule:**

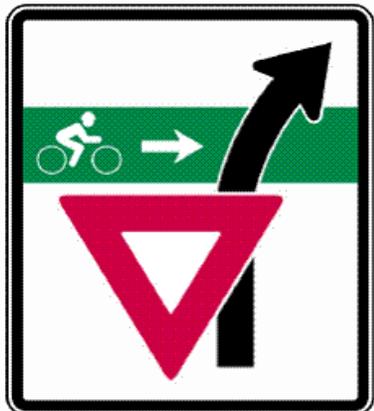
	Consultant/Contractor	Status
Design Contract:	3 months	
Design / ROW / Bid:	8 months	
Construction:	4-6 months	

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	Kristin Bennett, Sr. Transp. Planner	385-5622	<a href="mailto:kbennett@springsgov.com">kbennett@springsgov.com</a>	City of Colorado Springs / Traffic Engineering

Funding Source(s):	Funding thru									Project Total
	2005	2006	2007	2008	2009	2010	2011	2012-2014		
PPRTA	\$ -	\$ 27,911	\$ 30,232	\$ 102,790	\$ 355,583		\$ 270,087	\$ 350,014	\$ 1,136,617	
Bicycle Tax	\$ -		\$ 30,000	\$ 35,000	\$ 45,000	\$ 62,000			\$ 172,000	
City-Grant Funding	\$ -				\$ 207,800				\$ 207,800	
<b>TOTAL</b>	\$ -	\$ 27,911	\$ 60,232	\$ 137,790	\$ 608,383	\$ 62,000	\$ 270,087	\$ 350,014	\$ 1,516,417	

**Additional Comments:**

***New and/or updated information is formatted above in bold italics***



New custom signage being developed to address bicyclist safety and motorist awareness at high merge locations

New bicycle lanes, including this one on Lexington Drive, provide access to schools, parks and neighborhoods.

**Project Name:** Congestion/Incident Management Signal Improvements [ATTACHMENT A]

**Project Program:** PPRTA Capital  
**Project Cost:** \$2,653,672

**Project Description:**  
 This capital program funds traffic signal system improvements that will improve traffic safety and reduce motorist delays. Identified projects include intersection improvements to install left-turn signal heads, add new traffic signal poles, and completely refurbish installations with new equipment as well as modifying traffic signal timing plans. Project priorities include highly cost-effective improvements needed to address existing safety and congestion conditions.

**Project Status:**  
 2009 funding in the amount of \$289,158, together with partial funding from City Wide Safety and Traffic Operations, will provide for the traffic signal projects listed below.

- Colorado/Fire Station #5 - Complete Rebuild (High). **40% completed**
- 8th/Ramona - Complete Rebuild (High). **Delayed to 2010 for inclusion in intersection project**
- Chelton/Palmer Park Complete Rebuild (Medium). **Completed**
- Lehmerberg/Palmer Park Complete Rebuild (Medium). **Completed**
- 17th/Colorado Complete Rebuild (Medium). **Need engineering**
- Astrozon/Chelton Complete Rebuild (Medium) On hold needs to coincide with street division work
- Cascade/Vermijo Complete Rebuild (Medium). **Completed**
- Tejon/Vermijo Complete Rebuild (Medium). **Complete**
- Delta W/Hancock Complete Rebuild (Medium) Needs roadway engineering November
- Institute/Pikes Peak Complete Rebuild (Medium). **Completed**
- Nevada/Mountview Complete Rebuild (Medium) Needs roadway engineering
- Del Monico/Rockrimmon S. - Complete Rebuild (High). Needs roadway engineering

<b>Project Schedule:</b>	<b>Consultant/Contractor</b>	<b>Status</b>
In-House Preliminary/Final:		
Materials Purchase (signal posts):		
Construction:		

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Rob Helt, Principal Traffic Engineer	385-7603	<a href="mailto:rhelt@springsgov.com">rhelt@springsgov.com</a>	City of Colorado Springs / Traffic Engineering

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012-2014</b>	<b>Program Total</b>
PPRTA	\$ 302,325	\$ 95,228	\$ 99,415	\$ 407,374	\$ 289,158	\$ 258,565	\$ 258,575	\$ 943,032	\$ 2,653,672
Other (Explain)		\$ -							
<b>TOTAL</b>	\$ 302,325	\$ 95,228	\$ 99,415	\$ 407,374	\$ 289,158	\$ 258,565	\$ 258,575	\$ 943,032	\$ 2,653,672

**Additional Comments:** It is anticipated that additional funding sources will be sought because the estimated project costs exceed the existing funding allocated for this project. The contributions from CSU/Transit/Planning and SWENT are estimates only.

***New and/or updated information is formatted above in bold italics***



PPRTA crews mounting mast arms on signal poles



PPRTA crews installing signals heads on mast arms

**Project Name:** Roadway Safety and Traffic Operations  
[ATTACHMENT B]

**Project Program:** PPRTA Capital  
**Project Cost:** \$9,149,567

**Project Description:**

This capital program includes intersection and corridor "spot" improvements to mitigate existing safety and traffic flow deficiencies. Proposed projects of this type will include the construction of traffic signals, roundabouts, auxiliary traffic lanes, and other lower cost geometric improvements. Project objectives include funding improvements that have the greatest cost/benefit impact to the traveling public. Projects identified typically fall into one of the following categories:

- Major arterial street intersection/corridor traffic congestion and safety improvements;
- Pedestrian, bicycle, and school crossing safety improvements;
- Neighborhood traffic calming projects; or
- Traffic improvements with matching federal/state/other grant funding.

**Project Status:**

Approximately \$834,174 is allocated for funding small projects in 2009. Project objectives include funding improvements that have the greatest cost/benefit impact to the traveling public. The following projects will be initiated in 2009 for study, design and construction:

- **8th Street/Cimarron Pedestrian Bridge Facility.** Pedestrian improvements are planned along 8th Street where pedestrians currently utilize a narrow shoulder area to traverse across the Fountain Creek bridge along this section. This is a companion project to the 2005 HES project at 8th Street and Cimarron. The construction contract was awarded 4/22/09. Construction is complete.
- **Las Vegas/Royer - Railroad Crossing Improvement.** The estimated project cost has increased to \$1,500,000 to address a scope change to provide a design that follows the "complete streets" approach and provides sidewalk along the south side of Las Vegas St. Due to lack of funding for the increased cost estimate, City staff are postponing further design efforts until a coordination meeting with internal stakeholders is held to determine if the project should proceed as currently planned and to identify additional funding sources.
- **Highway 24 & 21st Street - Safety Project.** This project was ranked amongst the top 10 high-accident locations in 2006. Improvements sought at this intersection consists of realigning left-turn lanes, reconstructing the "swing" right-turn lanes, and other improvements. Consultant design work began in March 2008 on this project. Project plans and ROW acquisition are complete. ***Construction contract award was suspended in December 2009 due to a shortfall of City Engineering staff available to manage the project. Contract award process will resume when new program management staff is in place.***

<b>Project Schedule:</b>	<b>Consultant</b>	<b>Status</b>
Contract for Design:		As noted above
Design / ROW / Bid:		As noted above
Construction:		As noted above

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Dave Krauth, City Traffic Engineer	385-5433	<a href="mailto:dkrauth@springsgov.com">dkrauth@springsgov.com</a>	City of Colorado Springs / Traffic Engineering

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012-2014</b>	<b>Project Total</b>
PPRTA	\$ 261,732	\$ 1,075,898	\$ 1,162,780	\$ 407,009	\$ 1,533,424	\$ 604,503	\$ 815,489	\$ 3,288,732	\$ 9,149,567
		\$ -	\$ -	\$ -					\$ -
<b>TOTAL</b>	<b>\$ 261,732</b>	<b>\$ 1,075,898</b>	<b>\$ 1,162,780</b>	<b>\$ 407,009</b>	<b>\$ 1,533,424</b>	<b>\$ 604,503</b>	<b>\$ 815,489</b>	<b>\$ 3,288,732</b>	<b>\$ 9,149,567</b>

<b>Additional Comments:</b>	
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***New and/or updated information is formatted above in bold italics***



BEFORE AND AFTER CONDITIONS AT 8TH STREET AND FOUNTAIN CREEK - NEW PEDESTRIAN BRIDGE

**Project Name:** Powers Boulevard Right-of-Way Protection/  
Acquisition

**Project Program:** PPRTA Capital  
**Project Cost:** \$6,105,091

**Project Description:**  
These funds will be used to protect and acquire right-of-way along Powers Boulevard to ensure that future Powers Boulevard construction options are protected as development continues along the corridor.

**Project Status:**

- City Council approved an intergovernmental agreement (IGA) with the Colorado Department of Transportation (CDOT) on February 13, 2007 that defines the responsibilities of the City and CDOT in using PPRTA funding to acquire properties along Powers Boulevard. The IGA gives priority to acquiring properties needed for the Stewart Avenue interchange.
- On May 11, 2009, CDOT submitted an invoice of \$285,725.50 for reimbursement of ROW acquisitions. CDOT has acquired eleven properties utilizing PPRTA funds at a total cost of \$5,776,444.00.
- Priority is being given to purchasing properties needed for the planned interchange at the intersection of Powers Boulevard and Stewart Avenue. Of the priority parcels needed for the interchange six have been purchased to date. CDOT is pursuing Congressional Earmark Funding in order to make this project "Shovel Ready".

<b>Project Schedule:</b>	<b>Consultant</b>	<b>Status</b>
<b>Design:</b>		
<b>Right-of-Way:</b>		Federal and state requirements for right-of-way acquisition will be followed. Formal acquisition offers to property owners are the first step in the process. The timing of property purchase is dependent on other activities as may be required by the federal and state process.
<b>Construction:</b>		

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Tim Roberts, Senior Transportation Planner	385-5481	<a href="mailto:troberts@springsgov.com">troberts@springsgov.com</a>	City of Colorado Springs / Comprehensive Planning

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Project Total</b>
PPRTA	\$ 17,891	\$ 81,658	\$ -	\$ 5,490,719	\$ 514,823			\$ 6,105,091
Other (Explain):								\$ -
<b>TOTAL</b>	<b>\$ 17,891</b>	<b>\$ 81,658</b>	<b>\$ -</b>	<b>\$ 5,490,719</b>	<b>\$ 514,823</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,105,091</b>

**Additional Comments:**

***New and/or updated information is formatted above in bold italics***

**Project Name:** Vincent Drive Bridge and Vincent Drive Extension

**Project Program:** PPRTA Capital  
**Project Cost:** \$14,458,901

**Project Description:**  
*This project will design and construct an extension of Dublin Boulevard to North Nevada Avenue. Vincent Drive will be extended to a new intersection with Dublin Boulevard.*

**Project Status:**

- Phasing options being considered to build extension in 2010. *Project design was suspended in December 2009 due to a shortfall of City Engineering staff available to manage the project. Work will resume when new program management staff is in place.*
- Bridge replacement in later phase.
- Right-of-way negotiations and acquisition in progress.

<b>Project Schedule:</b>	<b>Consultant/Contractor</b>	<b>Status</b>
<b>Design:</b> 2008 - 2009	Core Engineering	Working on final design
<b>Right-of-Way:</b> 2008 - 2009	N/A	N/A
<b>Construction:</b> 2010-2011	TBD	

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Robin Kidder, Roadway Engineering Manager	385-5058	<a href="mailto:rkidder@springsgov.com">rkidder@springsgov.com</a>	City of Colorado Springs / City Engineering

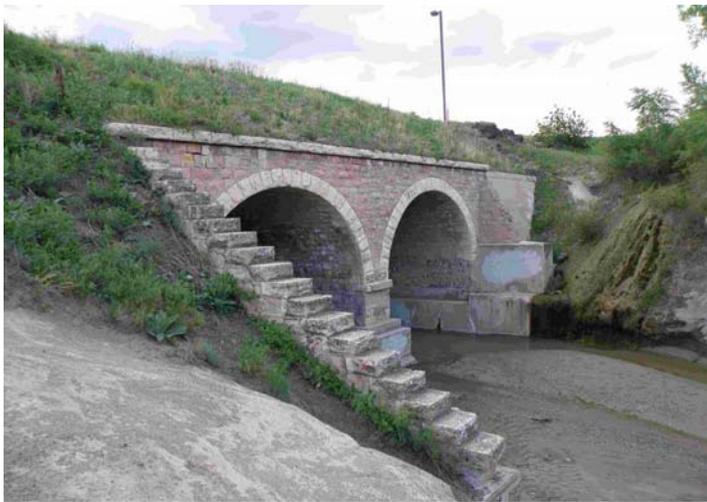
<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012-2014</b>	<b>Project Total</b>
PPRTA				\$ 316,117	\$ 8,083,432	\$ 1,398,772	\$ 626,994	\$ 4,033,586	\$ 14,458,901
<b>TOTAL</b>				\$ 316,117	\$ 8,083,432	\$ 1,398,772	\$ 626,994	\$ 4,033,586	\$ 14,458,901

**Spent by Category as of February 13, 2010**

<b>Design &amp; Construction Management</b>	<b>\$972,681</b>
<b>Right-of-Way Acquisition</b>	<b>\$941,630</b>
<b>Construction</b>	<b>NA</b>
<b>TOTAL</b>	<b>\$1,914,311</b>

**Additional Comments:**

***New and/or updated information is formatted above in bold italics***



*Proposed northern alignment will utilize the rehabilitated railroad arch culvert*



*Southern alignment along existing road*

**Project Name:** Woodmen Road Corridor Improvement Project

**Project Program:** PPRTA Capital  
**Project Cost:** \$104,964,125

- Project Description:**
- The Woodmen Road Corridor Improvement Project extends from I-25 to U.S. Highway 24, a distance of approximately 11 miles. The purpose of this project is to develop a roadway improvement concept that meets the safety and capacity needs of the corridor.
  - The City of Colorado Springs and El Paso County have completed the National Environmental Protection Act (NEPA) process for the Environmental Assessment (EA) for the project.
  - The City portion of the project is from I-25 to Powers Boulevard, approximately five miles. The first phase of construction of six lanes is from I-25 to approximately Stinson Road, including an interchange at Academy Boulevard.

- Project Status:**
- An Environmental Decision of Finding of No Significant Impact (FONSI) was determined by the Federal Highway Administration (FHWA) in February 2007. The Decision Document was released on March 22, 2007. As a result, the project is now authorized to advance to construction.
  - Design for Phase 1 is complete.
  - Right-of-way acquisition and possession is nearing completion.
  - Best value contractor selection process is complete with PPRTA and ARRA funding.
  - Construction contract **was** awarded in late summer of 2009.

<b>Project Schedule:</b>	<b>Consultant/Contractor</b>	<b>Status</b>
<b>Design:</b> 2004 - 2007	URS Corporation	<b>100%</b> complete for Phase 1
<b>Right-of-Way:</b> 2006 - 2008	Wilson & Company	To date, the City has acquired <b>or</b> obtained possession of <b>all</b> properties needed to proceed with the project improvements.
<b>Construction:</b> 2009 - 2011	Edward Kraemer & Sons	Construction <b>began</b> late summer of 2009. Contractor selection and construction contract award <b>were</b> performed through a best value selection process.

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Dan Krueger, Sr. Civil Engineer	385-5385	<a href="mailto:dkrueger@springsgov.com">dkrueger@springsgov.com</a>	City of Colorado Springs / City Engineering (for the I-25 to Powers Boulevard segment)
	Andre Brackin, Project Manager	520-6460	<a href="mailto:andrebrackin@elpasoco.com">andrebrackin@elpasoco.com</a>	El Paso County (for the Powers Boulevard to U.S. Highway 24 segment)

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>Project Total</b>
PPRTA	\$ -	\$ 1,130,603	\$ 349,389	\$ 356,416	\$ 16,538,780	\$ 2,932,650	\$ -	\$ 10,402,837	\$ 31,710,675
City On-going CIP	\$ 2,215,787	\$ 529,777	\$ 619,000	\$ 484,000	\$ 514,000	\$ 730,000	\$ 795,000	\$ 767,000	\$ 6,654,564
City SAFETEA-LU Grant	\$ 10,623,613	\$ 2,171,273	\$ 2,976,000	\$ 2,329,000	\$ 2,472,000	\$ 3,514,000	\$ 3,824,000	\$ 3,689,000	\$ 31,598,886
<b>Federal Stimulus</b>					\$ 35,000,000				\$ 35,000,000
<b>TOTAL</b>	\$ 12,839,400	\$ 3,831,653	\$ 3,944,389	\$ 3,169,416	\$ 19,524,780	\$ 7,176,650	\$ 4,619,000	\$ 14,858,837	\$ 104,964,125

**PPRTA and City Funds Spent by Category as of February 13, 2010**

<b>Design &amp; Construction Management-RTA</b>	<b>\$1,538,548</b>
<b>Design &amp; Construction Management-City</b>	<b>\$6,622,205</b>
<b>Right-of-Way Acquisition - PPRTA</b>	<b>\$3,933,413</b>
<b>Right-of-Way Acquisition - City</b>	<b>\$12,690,170</b>
<b>Construction - PPRTA</b>	<b>\$993,222</b>
<b>Construction - ARRA</b>	<b>\$6,732,885</b>
<b>TOTAL</b>	<b>\$32,510,443</b>

**Additional Comments:**

***New and/or updated information is formatted above in bold italics***



42-Inch waterline will be installed and functioning in February 2010



New spillway being poured at the stormwater retention pond on the Current property

**Project Name:** Annual Bridge Maintenance / Rehabilitation Program [ATTACHMENT C]

**Project Program:** PPRTA Maintenance  
**Project Cost:** \$1,500,000 (2010)

- Project Description:**
- Provide ongoing bridge repairs and maintenance to the City's 225 major bridge structures (greater than 20 feet in length) and 250+ minor bridge structures. Complete programmed repairs and safety improvements on major structures as outlined in the Colorado Department of Transportation (CDOT) Bridge Inventory and Inspection Reports.
  - An asset management (inventory and inspection) program continues to be developed for minor structures. Consultant assistance will be utilized to develop a practical inventory and inspection program and provide staff training.

- Project Status:**
- The first contract for 2009 (totaling **9** bridges) is nearly complete.
  - Second 2009 contract began construction in August 2009 and has finished **13 of 14** structures.
  - Work under way on Circle Bridges Rehabilitation design evaluation **including initial maintenance package.**
  - **A third contract for 2009 that focuses on the Colorado Avenue Viaduct and is under way.**
  - Bridge evaluation and engineering is in progress.
  - The inventory and inspection program will continue.
  - Meadowland pedestrian bridge, damaged by an accident, **was** replaced.

<b>Project Schedule:</b>	<b>Consultant/Contractor</b>	<b>Status</b>
<b>Design:</b> N/A	N/A	N/A
<b>Right-of-Way:</b> N/A	N/A	N/A
<b>Construction:</b> Ongoing	Multiple	Ongoing

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Dan Krueger, Sr. Civil Engineer	385-5385	<a href="mailto:dkrueger@springsgov.com">dkrueger@springsgov.com</a>	City of Colorado Springs / City Engineering

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Project Total</b>
PPRTA	\$ 1,272,899	\$ 2,443,747	\$ 2,595,579	\$ 1,625,432	\$ 2,642,058	\$ <b>1,500,000</b>		\$ <b>12,079,715</b>
City Essential Annual Bridge Maintenance	\$ 139,500	\$ 131,241						\$ 270,741
City Bridge Maint./Rehab.	\$ 1,370,820							\$ 1,370,820
<b>TOTAL</b>	\$ 2,783,219	\$ 2,574,988	\$ 2,595,579	\$ 1,625,432	\$ 2,642,058	\$ <b>1,500,000</b>	\$ -	\$ <b>13,721,276</b>

**Additional Comments:** *Obligated \$2,329,271 of the 2009 funding by the end of the year. The city chose to hold \$300,000 of 2009 funding for use on the Circle Drive Bridges construction project in 2010 due to the needs of these structures.*

***New and/or updated information is formatted above in bold italics***



Replacement of plug joints on the westbound bridge at Platte Avenue over Sand Creek



Pouring concrete floor for a box culvert extension at Academy Boulevard at Spring Creek



**Project Name:** 2009 Annual Curb & Gutter/Sidewalk & Concrete/ADA Pedestrian Ramp Program

**Project Program:** PPRTA Capital  
**Project Cost:** \$6,286,123

**Project Description:**

**Concrete Program:** Seven contractors are contracted to remove and replace curb, gutter, sidewalk, and crosspans in advance of the PPRTA and City Street Division asphalt overlay program. Each contractor has an inspector assigned to them for quality control and to ensure compliance with City specifications.

- The **Overlay Preparation Concrete Repair Program** will be completed during the months of January - June, 2009. Additionally, **\$65,000** from the concrete budget has been allocated to Wavecore Concrete. Wavecore reduces sidewalk trip hazards utilizing a diamond saw technique to bring sidewalks into ADA compliance. Wavecore's process was tested in 2008 with great success.
- A portion of the concrete funding is reserved for the **On-Call Citizens Request Concrete Repair Program**. This program addresses high-priority needs city-wide, primarily in locations involving safety, high-volume pedestrian areas, schools, and hospitals (Priority 1 repairs). The remaining program resources will focus on closing citizen repair requests in one grid per year.

**ADA Pedestrian Ramps:** This program will contract for the retrofitting and construction of handicap ramps in advance of the annual resurfacing program, as well as in the citywide contract that addresses additional urgent needs and citizen requests.

**Project Status:**

- **Overlay Preparation Concrete Repair Program [ATTACHMENT D]** All additional funding from SWENT and Traffic Engineering was spent by three concrete contractors before December 31, 2009. Wavecore, our contractor for the Trip Hazard Reduction Program, was also brought back to complete additional work in Phase II. 389 trip hazards on sidewalks were mitigated, 175 addresses were severed and 9 Citizens Repair Requests (CRIS) were closed. All seven concrete contractors will continue the concrete repair program in 2010.
- **On-Call Citizen Request Concrete Repair Program.** The On-Call Concrete Repair program is completed for 2009.
- **ADA Pedestrian Ramps.** 288 pedestrian ramps have been completed through December 2009.

<b>Project Schedule:</b>	<b>Consultant/Contractor</b>	<b>Status</b>
Project Mgmt.: 2009	Nolte Associates	Ongoing
Design: NA	NA	NA
Right-of-Way: NA	NA	NA
Construction: 2009	<b>Phase II: AA, Blue Ridge, Trax, Wavecore</b> Phase I: AA, Blue Ridge, CMS, Concrete Express, CTL Thompson, Even-Preisser, Noraa, Trax, Wavecore Concrete	Completed

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Bob Syme, Program Manager	385-6819	<a href="mailto:bsyme@springsgov.com">bsyme@springsgov.com</a>	City of Colorado Springs / Street Division

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012-2014</b>	<b>Project Total</b>
PPRTA	\$ 5,000,000	\$ 5,543,516	\$ 6,181,213	\$ 6,524,407	\$ 6,286,123				\$ 29,535,259
City-ADA Ped Ramp	\$ 232,500	\$ 218,734	\$ 237,468	\$ 100,000	\$ -				\$ 788,702
City-Ongoing CIP	\$ 46,500	\$ 197,272	\$ -	\$ -	\$ -				\$ 243,772
City-CDBG	\$ 75,000	\$ 150,000	\$ -	\$ -	\$ -				\$ 225,000
<b>TOTAL</b>	<b>\$ 5,354,000</b>	<b>\$ 6,109,522</b>	<b>\$ 6,418,681</b>	<b>\$ 6,624,407</b>	<b>\$ 6,286,123</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,792,733</b>

**Additional Comments:** \* Amended 2009 Budget includes 2009 Revenue Shortfall, 2008 Positive Carry Over, internal transfer of \$460K from the PPRTA Maintenance, \$131,482 from SWENT and transfer of 800K from Traffic Engineering

***New and/or updated information is formatted above in bold italics***



Concrete Contractor Warming the Subgrade before doing Winter Work



Reinforced Squared Return and Crossspan Replacement Prior to Concrete Pour

**Project Name:** Incident Management/Signal Upgrades

**Project Program:** PPRTA Maintenance  
**Project Cost:** \$2,681,482

**Project Description:**  
 This includes signal upgrades needed to facilitate signal coordination, operations, detection, and communications for 500+ traffic signals. Identified locations throughout the City include upgrade of street lighting, replace aging components by installation of state-of-the-art signal equipment, and increasing target value of traffic signal heads.

- Project Status:**
- Replace Traffic Engineering maintained street light luminaires with high efficiency LED replacements (*Program at RFI status*)
  - Install traffic signal back plates at mast arm intersections to improve target value of traffic signal heads (*39 intersections completed*)
  - Replace small traffic signal cabinets to allow the addition of a current monitor for improved operation and safety (*9 of 24 installed to date*)
  - Replace aging controller assemblies and conflict monitors for improved intersection operation and safety (*312 installed to date*)

<b>Project Schedule:</b>	<b>Consultant/Contractor</b>	<b>Status</b>
<b>Design:</b> N/A	N/A	
<b>Right-of-Way:</b> N/A	N/A	
<b>Construction:</b> Jan. - Dec. 2009	N/A	

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Rob Helt, Principal Traffic Engineer	385-7603	<a href="mailto:rhelt@springsgov.com">rhelt@springsgov.com</a>	City of Colorado Springs / Traffic Engineering

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>		<b>Project Total</b>
PPRTA	\$ 400,000	\$ 437,186	\$ 450,036	\$ 438,616	\$ 561,191	\$ 394,453	XX		\$ 2,681,482
<b>TOTAL</b>	<b>\$ 400,000</b>	<b>\$ 437,186</b>	<b>\$ 450,036</b>	<b>\$ 438,616</b>	<b>\$ 561,191</b>	<b>\$ 394,453</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 2,681,482</b>

**Additional Comments:**

***New and/or updated information is formatted above in bold italics***

Below: Typical view of back plates on signal heads (left) and signal controller/cabinet (right)



**Project Name:** Citywide Safety and Traffic Operations

**Project Program:** PPRTA Maintenance

**Project Cost:** \$17,525,125

**Project Description:**

This program includes corridor and intersection improvements to mitigate existing safety and traffic flow deficiencies, and improve traffic signals, signs, school/pedestrian improvements, pavement markings, and other traffic control devices.

**Project Status:**

This maintenance improvement program funds low-cost traffic safety and congestion mitigating projects that include intersection and corridor "spot" improvements. This program funding provides for citywide initiatives to improve traffic signals, signs, school/pedestrian installations, pavement markings, and other traffic control devices. Worked planned for 2009 includes:

- **Improve Traffic Signals [ATTACHMENT A].** In 2009, PPRTA program funding will be used to rebuild signals throughout the community that were installed more than 25 years ago and have exceeded their functional life. *(Continue in 2010)*
- **Street Name Signs.** Replace 2,000 street name signs on local and collector streets with larger types to comply with Federal requirements (2502 street name signs upgraded in 2009 year-to-date). **Federally mandated street name sign upgrades have been completed on the following corridors: Union Blvd., Academy Blvd., Jet Wing Dr., Bijou St., Chelton Rd., Constitution Ave., Flying W Ranch Rd., Circle Dr., Lake Ave. Nine other corridor upgrades are in progress.**
- **School Legends.** Refresh permanent long-lasting school legends at approximately 225 locations in advance of crosswalks (488 legends have been refreshed in 2009 year-to-date).
- **School/Pedestrian Installations.** Install permanent long-lasting markings at 350 school crosswalks (approximately 71,000 sq ft.) - **431** crosswalks have been completed in 2009 year-to-date
- **Pavement Markings.** Mark 1,200 lane miles using long-lasting, high-build paint. In 2009, **1,660** lane miles have been painted year-to-date.

Specific **2009/2010** projects include:

- **Arcturus/8th Street/Ramona - Realignment Project.** The existing Arcturus and Ramona approaches onto 8th Street have an offset of approximately 50 feet along their centerlines. This project consists of realigning the approaches to remove the jog to allow full pedestrian access and safer traffic movements. The first phase of this project in 2008/2009 includes right-of-way acquisition and design work, which began in March 2008. Design efforts and right-of-way acquisition will continue in 2009, with construction anticipated for 2010.
- **Highway 24 & 26th Street - Safety Project.** This project was ranked amongst the top 10 high-accident locations in 2006. Improvements sought at this intersection consists of realigning left-turn lanes, reconstructing the "swing" right-turn lanes, and other improvements. Consultant design work began in March 2008 on this project. Design efforts will continue in 2009, but due to budget constraints, construction is not anticipated until 2011.

<b>Project Schedule:</b>	<b>Consultant/Contractor</b>	<b>Status</b>
<b>Design:</b> N/A	N/A	
<b>Right-of-Way:</b> N/A	N/A	
<b>Construction:</b> Jan. - Dec. 2009	N/A	

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Dave Krauth, City Traffic Engineer	385-5433	<a href="mailto:dkrauth@springsgov.com">dkrauth@springsgov.com</a>	City of Colorado Springs / Traffic Engineering

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>		<b>Project Total</b>
PPRTA	\$ 2,200,000	\$ 2,448,241	\$ 2,892,500	\$ 2,819,137	\$ 2,965,247	\$ 2,900,000	XX		\$ 16,225,125
City-Ongoing CIP:									
St. Striping-Marking	\$ 100,000	\$ -	\$ -	\$ -					\$ 100,000
Traffic Safety Impr.	\$ 60,000	\$ 60,000	\$ -	\$ -					\$ 120,000
Traffic Signal Acq.	\$ 210,000	\$ 210,000	\$ 210,000	\$ 210,000					\$ 840,000
School Ped Safety	\$ 80,000	\$ 80,000	\$ -	\$ 80,000					\$ 240,000
<b>TOTAL</b>	<b>\$ 2,650,000</b>	<b>\$ 2,798,241</b>	<b>\$ 3,102,500</b>	<b>\$ 3,109,137</b>	<b>\$ 2,965,247</b>	<b>\$ 2,900,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 17,525,125</b>

<b>Additional Comments:</b>	
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***New and/or updated information is formatted above in bold italics***

**Project Name:** 2009 Roadway Maintenance Program

**Project Program:** PPRTA Maintenance

**Project Cost:** \$6,647,420

**Project Description:**

This will include various resurfacing programs and pothole patching. The alley rehabilitation (paving) program has been discontinued at this time.

- **Contract Resurfacing Program.** The resurfacing program contracts for program management, dig-out/prep, milling, overlay, materials testing and inspection. Products used will be Traditional Dense-Graded Asphalt, Chip Seal, and experimental sections of PFC TBTRA (Permeable Friction Course Terminally Blended Tire Rubber Asphalt), SMA (Stone Mastic Asphalt), **and Duraphalt.**
- **Alley Rehabilitation.** This program has been suspended indefinitely due to shifting priorities and budgetary restraints. The PPRTA will continue to take and prioritize requests for alley rehabilitation (paving) in preparation for future programs when funding is again available. The City will continue to do grading and general maintenance of alleys. PPRTA crews will continue to patch potholes in alleys as requested.
- **Pothole Patching Program.** This program includes the manpower, materials, and equipment to respond to citizen requests to fill potholes, make minor roadway repairs, and perform crack sealing operations.

**Project Status:**

- **Contract Resurfacing Program [ATTACHMENT D]**
  - **Chip Seal Program.** This program was scheduled to being in June, 2009. It was postponed until 2010 due to budget cuts.
  - **Overlay Program.** *LaFarge completed overlay operations at the end of November. Due to favorable weather conditions, LaFarge was able to place Duraphalt in November on Rusina Road. Duraphalt is a proprietary product manufactured by LaFarge which can be used to pave in cooler temperatures.*
- **Pothole Patching [ATTACHMENT E].**  
*The Pothole Patching Program is a year-round, city-wide operation. One (1) PPRTA and two (2) City crews worked hand in hand to repair minor road damage, patch potholes, and crack seal Colorado Springs' roadways. The total number of potholes patched by PPRTA and city crews through December 2009 was 14,012.*

<b>Project Schedule:</b>	<b>Consultant/Contractor</b>	<b>Status</b>
<b>Project Mgmt.:</b> 2009	Nolte	Ongoing
<b>Design:</b> N/A	N/A	N/A
<b>Right-of-Way:</b> N/A	N/A	N/A
<b>Construction:</b> 2009	LaFarge West, Inc	Completed

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Bob Syme, Program Manager	719-385-6819	bsyme@springsgov.com	City of Colorado Springs / Street Division

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>Amended 2009 Budget *</b>	<b>2010</b>	<b>2011</b>	<b>Project Total</b>
PPRTA	\$ 6,500,000	\$ 7,222,310	\$ 7,862,106	\$ 7,162,655	\$ 6,647,420			\$ 35,394,491
<b>TOTAL</b>	\$ 6,500,000	\$ 7,222,310	\$ 7,862,106	\$ 7,162,655	\$ 6,647,420		\$ -	\$ 35,394,491

**Additional Comments:** \* Amended 2009 Mainenance Budget includes 2009 Revenue Shortfall, 2008 Positive Carry Over, and \$460K internal transfer of funds to the PPRTA Concrete Program Account

**New and/or updated information is formatted above in bold italics**



Paving an Experimental Section using Duraphalt Asphalt on Rusina Road



Preparing an Edge Joint on the 2009 Circle Drive TBTRA Paving Project

**Project Name:** Hazard Elimination and Safety (HES)  
Program (FY 2005-2007)

**Project Program:** PPRTA Maintenance  
**Project Cost:** \$2,844,444

**Project Description:**

Reconstruct intersections for improved traffic operations and safety using federal Hazard Elimination & Safety (HES) funds for construction. The design work will be provided by PPRTA safety funds.

- |                  |   |
|------------------|---|
| 2006             | 1. <u>Fillmore/El Paso Street (Grant Funds = \$225,000)</u> : The intent of this intersection improvement is to realign El Paso Street, provide better turning radii, install new traffic signals, and improve the safety of pedestrian crossings.  |
| 2<br>0<br>0<br>7 | 2. <u>Airport Road &amp; Powers Boulevard (Grant Funds = \$250,000)</u> : The Airport Road and Stewart Road receiving approaches will be widened to allow two receiving lanes at each approach and Powers Boulevard will be widened to three lanes in both directions. PPRTA funds will be used for the companion Stewart widening project, which is necessary to accommodate a southbound dual left-turn movement on Powers Boulevard. |
| 2<br>0<br>1<br>0 | 3. <u>Platte Avenue from Union to Hancock (Grant Funds = \$270,000)</u> : Project initiated to address high number of accidents in this section of Platte Ave where no center median or turn lanes exist. .   |
| 2<br>0<br>1<br>0 | 4. <u>Briargate Pkwy &amp; Voyager Pkwy (Grant Funding = \$207,000)</u> The intent of this intersection improvement is to remove the eastbound "swing" right turn lane. The "swing" right turn lane is a source of high accidents at this intersection  |
| 2<br>0<br>1<br>0 | 5. <u>Carefree Circle South &amp; New Center Point (Grant Funding = \$138,048.00)</u> :Project initiated to address high number of accidents at this intersection. .  |

**Project Status:**

- Fillmore/El Paso Street. Wilson and Company has completed the design of the intersection improvements. Right-of-way acquisition was completed in conformance with the Uniform Act, with a CDOT IGA to follow for construction funds. ***Award of construction to Blue Ridge Construction is anticipated in February 2010 pending CDOT concurrence to award.***
- Airport Road & Powers Boulevard. The CDOT contract was approved by City Council on November 27, 2007. ***Design RFP will be advertised in early 2010.***
- Platte Avenue from Union to Hancock. The CDOT contract was approved by City Council on November 27, 2007. Contract for public process and preliminary design awarded to JR Engineering October 2008. Extensive public process began in December 2008 that included door-to-door visits, formation of working group, and working group meetings and an open house. Informed consent on the preferred alternative was reached in March 2009. Final design efforts planned to continue through 2009 with construction planned for 2010.
- Briargate Pkwy & Voyager Pkwy. IGA is under review.
- Carefree Circle South & New Center Point. IGA is under review..

<b>Project Schedule:</b>	<b>Consultant/Contractor</b>	<b>Status</b>
<b>Design:</b> 2007 Projects	N/A	<b><i>On hold</i></b>
<b>Right-of-Way:</b> 2006 Project	N/A	Complete
<b>Construction:</b> 2006 Project	<b><i>Blue Ridge Construction</i></b>	<b><i>Under way</i></b>

<b>Project Manager:</b>	<b>Name / Title</b>	<b>Phone No.</b>	<b>E-Mail Address</b>	<b>Lead Agency</b>
	Robin Kidder, Roadway Engineering Manager	385-5058	<a href="mailto:rkidder@springsgov.com">rkidder@springsgov.com</a>	City of Colorado Springs / Roadway Engineering
	Mike Chaves, Senior Civil Engineer	385-5385	<a href="mailto:mchaves@springsgov.com">mchaves@springsgov.com</a>	City of Colorado Springs / Roadway Engineering

<b>Funding Source(s):</b>	<b>Funding thru 2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Project Total</b>
PPRTA	\$ 26,092	\$ 351,560	\$ 103,190	\$ -	\$ 1,012,749		XX	\$ <b><i>1,493,591</i></b>
City-HES Grant	\$ 237,000	\$ 225,000	\$ 520,000			\$ <b><i>368,853</i></b>		\$ 1,350,853
<b>TOTAL</b>	\$ 263,092	\$ 576,560	\$ 623,190	\$ -	\$ 1,012,749	\$ <b><i>368,853</i></b>	\$ -	\$ <b><i>2,844,444</i></b>

***New and/or updated information is formatted above in bold italics***



The Platte Avenue project runs from Hancock to Union Boulevard



Powers Boulevard at Airport Road



## Congestion/Incid. Signal Improvements

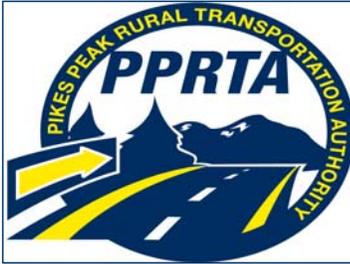
Eric Barber

Contact: Colorado Springs Traffic Engineering-Signals  
 P.O. Box 1575, Mail Code 1245  
 Colorado Springs, Colorado 80901  
 719-385-6721

### Work Plan 2009

Rev. Date 01/25/10

Location	Description	Scheduled 2009	Construction Start	Construction Complete	Notes
Chelton/Palmer Park	Rebuild	Feb	March	5/13/09	
Tejon/Vermijo	Rebuild	April	May	11/3/09	
Cascade/Vermijo	Rebuild	April	May	8/14/2009	
29th/Colorado Fire Station #5	Rebuild	July	September	40% completed.	
Lehmberg/Palmer Park	Rebuild	July	August	1/19/10	
Institute/Pikes Peak	Rebuild	November	August	12/30/09	
17th/Colorado	Rebuild	August	May?		Needs roadway engineering
Astrozon/Chelton	Rebuild	August			On hold, needs to coincide with Street Div. work
Delta W./Hancock	Rebuild	November			Needs roadway engineering. Started process to acquire right-away.
Nevada/Mountview	Rebuild	December			Needs roadway engineering
Del Monico / Rockrimmon S.	Rebuild				2008 Project delayed to coincide W/intersection Mod (Developer)
8th/Ramona	Rebuild				Delayed to 2010 for inclusion in intersection project



Congestion/Incid. Signal Improvements  
 Programed 2009  
 Eric Barber

Contact: Colorado Springs Traffic Engineering-Signals  
 P.O. Box 1575, Mail Code 1245  
 Colorado Springs, Colorado 80901  
 719-385-6721

**Rev. Date** 01/25/10

**RTA - Work Plan Signal Back Plates, Cabinet replacements**

<b>Location--</b>	<b>Back Plates</b>
Dublin/Montarbor	Completed-March
Chelton/Palmer Park	Completed-May
I-25 SB off ramp at N. Nevada	Completed-June
I-25 NB off ramp at N. Nevada	Completed-June
I-25 SB off ramp at Rockrimmon	Completed-June
I-25 NB off ramp at Rockrimmon	Completed-June
Cucharras & Nevada	Completed-July
Airport & Marjorie	Completed-July
Nevada & Vermijo	Completed-July
I-25 NB Ramp & Tejon	Completed-July
Arvada & Motor Way & Nevada	Completed-July
Motor Way & Tejon	Completed-July
I-25 SB Ramp & Tejon	Completed-July
Northgate & Voyager	Completed-July
I-25 & Nevada NB ramp (south side)	Completed-July
I-25 & Nevada SB on ramp (south side)	Completed-July
Circle & Palmer Park	Completed-July
Stout & Voyager Pkwy	Completed-July
Middle Creek & Voyager Pkwy	Completed-July
Old Ranch & Powers (W)	Completed-July
Old Ranch & Powers (E)	Completed-July
Jeannine-Van teylingen	Completed-July
New Life & Voyager	Completed-July
Cheyenne Meadow & 115	Completed-July
Fontanero & Nevada	Completed-July
Nevada & Jackson	Completed-July
Nevada & Winters	Completed-July
Cresta & Parkview	Completed-August
8th & Brookside	Completed-August
Cheyenne & Warren	Completed-August
Boulder & Nevada	Completed-August
Fontanero & Wahsatch	Completed-August
Platte & Wahsatch	Completed-August
Cascade/Vermijo	Completed-August
Dublin/Tutt	Completed-September
Carefree Cir. N. & Rio Vista	Completed-September
Circle & Fillmore & Union	Completed-October
Tejon/Vermijo	Completed-November
Institute/Pikes Peak	Completed-December

<b>Location--</b>	<b>Controller Cabinet Upgrades</b>
Chelton/Palmer Park	Completed-May
Dublin/Powers	Completed-May
Cascade/Vermijo	Completed-August
Dublin/Union	Completed-September
Chelton/Fountain	Completed-September
Tejon/Vermijo	Completed-November
Academy/Jet Wing	Completed-November
Institute/Pikes Peak	Completed-December
Lemhberg/Palmer Park	Completed-January
29th/Colorado	40% completed



## MINOR SAFETY AND CAPACITY PROJECTS

RTA public list.xls

Contact: Colorado Springs Traffic Engineering  
 30 S Nevada Ave Suite 450  
 Colorado Springs, Colorado 80903  
 719-385-5908

I/Toc-fpsvr/RTA/project list/RTA public list.xls

Yr 2010

02/13/10

Fund	Location	Description	Construction Year	Status	Est./Final Cost	Consultant	Work Start / End Schedule	Notes
<b>2009</b>								
53M	8th & Arcturus	Realign intersection to correct offset	2010	On Hold	\$240,000	Matrix	2010	Plan to realign Arcturus approaches @ 8th St. - Flow Improvement
54C	Hwy 24 & 21st St Realignment	Modify North Bound Right turn lane/Modify East and West Bound Left Turn Lanes	2009	On Hold	\$240,000	PBS & J	2009	
55M	Hwy 24 & 26th St Realignment	Modify North Bound Right turn lane/Modify East and West Bound Left Turn Lanes	2011	On Hold	\$120,000	PBS & J	Design 2009/Const 2011	
39 M	Sierra Madre / Union RR quiet zone	Safety improvements to crossing at Sierra Madre. Perm Closure of	2010	Final Design	\$350,000	PBS & J	July-05	Safety & Noise Reduction Improvements
4 C	LasVegas / Royer RR crossing	Modify RR track approach grades, widen Las Vegas		On Hold	\$1,500,000	Drexel		
13 M	8th & Cimarron (US24) to Costilla	Extend walk E side (1000' south), add ped bridge & ramps to NBR la	2009	Complete	\$100,000	Drexel	06/09 - 11/09	HES 2005
14 C	Academy & Bijou	Realign as needed, modify signal for protected/permissive left turns	2009	Complete	\$10,000	Drexel	July-09	HES 2005
15 M	Academy & N. Carefree	Widen EB appr, realign lanes, modify signal & phasing to eliminate s	2009	Complete	\$10,000	Drexel	July-09	HES 2005
17 C	Academy & Briargate Blvd	Widen EB appr, elim dual NBR, increase radius, add overlap NBR p	2009	Complete	\$10,000	Drexel	November-09	HES 2005
38 M	Platte corridor lane improvements	Study / design alternatives for high accident section	2010	Final Design	\$300,000	JR Engineering	Design 2009/Const 2010	HES 2007 - Preliminary Design and Public Process
45C	Airport Rd / Powers	Intersection redesign (City Engineering)	2009	Prelim Design	\$250,000		2009	



# PPRTA/ Colorado Springs Bridge Maintenance Program March 2010

## Bridge Program Status and Financial Overview

### 2009 Program Status Summary

2009 Bridge Maintenance Program Budget		Last Reported 11-13-09	Spent in 2009	Status
Bridge Repair and Maintenance	\$ 1,525,149	\$ 639,572	\$ 1,074,031	In Progress
Inspection Program	\$ 150,000	\$ -	\$ 4,950.00	Held until 2010
Bridge Evaluation and Engineering	\$ 50,000	\$ 9,852	\$ 44,076	In Progress
Circle Drive Bridges	\$ 546,909	\$ 5,180	\$ 183,794	In Progress
Emergency Bridge Repair	\$ 100,000	\$ -	\$ 44,772.77	As Required
Bridge Maintenance Expenses	\$ 30,000	\$ 7,269	\$ 8,894	In Progress
Program Support	\$ 240,000	\$ 127,021	\$ 164,816	In Progress
<b>2009 Bridge Maintenance Totals*</b>	<b>\$ 2,642,058</b>	<b>\$ 788,894</b>	<b>\$ 1,525,333</b>	

\*Held \$300,000 of 2009 budget for Circle Drive Bridge construction in 2010.

### Summary of 2009 Accomplishments

- Completed maintenance and repairs on 24 bridges
- Developed a twenty-year plan
- Conducted engineering analysis to address bridge safety and capacity issues
- Implemented the Cartegraph asset management software for bridges
- Began Circle Drive Bridges Rehabilitation project

### 2009 Budget Status



### 2009 Phase 1 Construction Package – *Nearing Completion*

#### Blue Ridge Construction - \$494,941

Structure	Status
1. Academy Boulevard at Cottonwood Creek	Complete
2. Academy Boulevard at Spring Creek	Complete
3. Hancock Expressway at Spring Creek	Complete
4. Mark Dabling Boulevard at N. Douglas Creek	Complete
5. Woodmen Road at Cottonwood Creek	Complete
6. Woodmen Road at Monument Creek	Complete
7. Delmonico and Pebble Way	Complete
8. Jeanine and Van Teylingen	Complete



Emergency Repairs - Blue Ridge Construction placed a new manufactured pedestrian bridge over the Meadowland Drive drainage channel, west of Russell Middle School. The old bridge was damaged by a motorist and partial cost was recovered through an insurance claim.

**PPRTA/ Colorado Springs  
Bridge Maintenance Program**

**March 2010**

**2009 Phase 2 Construction Package – in Progress**

**ALCO Construction - \$294,062**

<b>Structure</b>	<b>Status</b>
1. Fontaine Boulevard Over West Tributary of Jimmy Camp Creek	Completed
2. Bradley Road over Jimmy Camp Creek	Completed
3. Bradley Road over Local Drainage (0.1 Mile West of Marksheffel Road)	Completed
4. Bradley Road over Local Drainage (0.2 Mile West of Marksheffel Road)	Completed
5. Drennan Road over East Jimmy Camp Creek Tributary	Completed
6. Marksheffel Road over Jimmy Camp Creek Tributary	Completed
7. Fountain Boulevard over Spring Creek	Completed
8. Pikes Peak Avenue over Spring Creek	Completed
9. West bound Platte Avenue over Sand Creek	Completed
10. East bound Austin Bluffs Parkway at Union Boulevard	Completed
11. Rockrimmon Boulevard at Mark Dabbling Boulevard	Completed
12. Cowpoke and Cottonwood Creek	Construction
13. 8 <sup>th</sup> Street and Bear Creek	Construction
14. 21 <sup>st</sup> Street Drainage	Construction



Alco Construction installed chain link fence at a box culvert on Pikes Peak Ave. over Spring Creek (left) and constructed a new retaining wall to eliminate sidewalk settlement along box culvert in Fountain Boulevard east of Circle Drive (right)

**2009 Phase 3 Construction Package**

**TLM Constructors - \$453,968**

<b>Colorado Avenue Bridge</b>	
1. Deck overlay	Pending warm weather
2. Concrete sealer over sidewalks and median	Complete
3. Pigeon abatement	Construction
4. 21 <sup>st</sup> Street at Bear Creek	Complete



TLM Constructors jack-hammer and remove delaminated concrete on the bridge deck surface on the Colorado Avenue viaduct over the railroad tracks and Sierra Madre Street.

The bridge deck had exposed rebar and extremely shallow concrete cover in places.

**PPRTA/ Colorado Springs  
Bridge Maintenance Program  
March 2010**

**2010 Program Status Summary**

2010 Bridge Maintenance Program Budget*		Status
Bridge Repair and Maintenance	\$ 300,000	In Progress
Inspection Program	\$ 200,000	In Progress
Bridge Evaluation and Engineering	\$ 125,000	In Progress
Circle Drive Bridges	\$ 500,000	In Progress
Emergency Bridge Repair	\$ 100,000	As Required
Bridge Maintenance Expenses	\$ 25,000	In Progress
Program Support	\$ 250,000	In Progress
<b>2010 Bridge Maintenance Totals</b>	<b>\$ 1,500,000</b>	

\* Does not include 2009 carryover at the date of this report.

**Targeted Program Goals for 2010 include:**

- Circle Drive Bridge repair package 1
- 1 bridge repair and maintenance package
- Minor structure inspections
- Cartegraph prioritization and reporting
- Engineering studies and conceptual designs for multiple bridge conditions



Monitoring scour at pier at the Circle Drive Bridge over Fountain Creek, in collaboration with HDR Engineering and the City's Street Division



**PPRTA / STREET Division Quarterly Report**  
**Roadway Maintenance and Concrete Repair Programs**  
**December 2009**



RTA Roadway Maintenance Budget		Spent	%	Status
Overlay Program	\$ 3,404,471.72	\$ 3,034,145.84	89.1%	Completed
Chip Seal Program	\$ -	\$ -	0.0%	Postponed
Pothole Program	\$ 592,531.00	\$ 579,455.27	97.8%	Completed
City Materials purchased through contracted suppliers	\$ 1,569,875.36	\$ 1,492,579.62	95.1%	Completed
Program Support Functions	\$ 175,583.60	\$ 156,481.79	32.0%	Completed
Program Management	\$ 904,959.05	\$ 891,626.58	98.5%	Completed
<b>Roadway Maintenance Budget:</b>	<b>\$ 6,647,420.73</b>	<b>\$ 6,154,289.10</b>	<b>92.6%</b>	

RTA Concrete Maintenance Budget		Spent	%	Status
Concrete: Curb, Gutter, Sidewalks	\$ 5,154,621.08	\$ 5,074,040.12	98.4%	Completed
Concrete: ADA Pedestrian Ramps	\$ 1,131,502.19	\$ 938,398.72	82.9%	Completed
<b>Concrete Maintenance Budget:</b>	<b>\$ 6,286,123.27</b>	<b>\$ 6,012,438.84</b>	<b>95.6%</b>	

Total 2009 Modified Budget*	\$ 12,933,544.00	\$ 12,166,727.94	94.1%	
<b>Total 2009 RTA Budget after 800K Payback</b>	<b>\$ 12,133,544.00</b>	<b>\$ 12,166,727.94</b>	<b>100.3%</b>	

\*Total 2009 Modified Budget includes 2009 Shortfall, 2008 Positive Carry Over, 800K transferred from Traffic Engineering and Internal Transfer of \$460,035.27 from Roadway Maintenance Budget to Concrete Budget. Finally, a total of \$131,482.04 was billed to SWENT.

**PPRTA Program Statistics as of December 31, 2009**

RTA Concrete Repair Program		Trip Hazards Reduction Program	
Installed Curb and Gutter:	<b>72,622 LF / 13.76 MI</b>	Trip Hazards Mitigated	1,984
Installed 4 ft Sidewalk:	<b>126,640 SF / 6.00 MI</b>	Addresses Served	987
Installed Pedestrian Ramps:	<b>288 EA</b>	Total Modified Sidewalk in FT	3649 FT
Installed Cross Pans:	<b>95 EA</b>	Citizens Repair Requests Closed	88

**RTA Roadway Maintenance Program**

Pothole Program	Resurfacing Treatment	Square Yards	Tons	Lane Miles
Total Number of Potholes Patched: 14,012 <i>Includes Potholes, Sunken Areas, and Minor Digout Repairs completed by one PPRTA Crew, with two city crews assisting</i>	Stone Mastic Asphalt	58,781	6,663	9.11
	Duraphalt*	16,739	1,510	2.59
	TBTRA	167,942	8,179	26.03
	Traditional Overlay	119,560	14,968	18.53
	<b>Total of all PPRTA Resurfacing</b>	<b>363,022</b>	<b>31,320</b>	<b>56.26</b>
<i>*Duraphalt is a proprietary product manufactured by LaFarge.</i>	Total Milling including Edge Milling	<b>198,249</b>		<b>30.72</b>

## 2009 PPRTA Program Planning and Implementation

- The PPRTA concrete repair program received additional funding from Traffic Engineering and from SWENT in the amount of 800K and 100K respectfully to continue concrete repairs in preparation for the 2010 Overlay Program. The additional funding had to be spent before December 31, 2009, and was used as Concrete Repairs Phase II. Three concrete contractors worked in Phase II; AA Construction, Blue Ridge Construction and TRAX Construction. The three contractors spent a total of \$958,674.73 in Phase II. Between October and December 2009, the contractors installed 11,500 LF or 2 miles of curb and gutter. They completed 10,017 SF or .5 miles of sidewalk. An additional 13 pedestrian ramps and 27 cross pans were also installed.
- Wavecore, our contractor for the Trip Hazard Reduction Program, was also brought back to complete additional work in Phase II. 389 trip hazards on sidewalks were mitigated, 175 addresses were served and 9 Citizens Repair Requests (CRIS) were closed.
- LaFarge completed overlay operations at the end of November. Due to favorable weather conditions, LaFarge was able to place Duraphalt in November on Rusina Road. After completion of the overlay program, LaFarge's contract was closed out and retainage was released.
- All PPRTA Maintenance contracts, with exception of the chip seal contractor, have been rolled into 2010. This will ensure continuation of concrete repair work, as well as the other PPRTA programs.
- In December, PPRTA staff began program close out work. This includes financial and data reconciliation of all programs, as well as preparation of various statistics and reports. The PPRTA staff is currently working on the 2009 PPRTA Year End Report. Staff is also developing a picture database. This pictorial database will include pictures of concrete and overlay work before and after, as well as pictures of field findings and constructability issues. The database will be a tremendous tool in documenting field problems, as well as a reference for presentations.

## On-Going 2009 Program Management and Street Division Support

- Managed the PPRTA program budget, including planning, invoicing, financial tracking and reconciliation. Resolved account discrepancies and ensured necessary documentation of transactions. Acted as a liaison between agencies to enhance communication and efficiency.
- Supported the On-Call Administrator and City administrative support personnel in financial tracking and reconciliation of the On-Call Concrete Repair and Pothole programs.
- PPRTA staff continues to look for process improvements and cost saving opportunities; i.e. develop and modify reports, spreadsheets, and forms to improve tracking and documentation of PPRTA programs and accomplishments.
- Provided on-going financial, statistical and field data, and special reports to R. Sonnenburg and other PPRTA/City staff. Created October Infrastructure Highlights report. Assisted Street Division Managers by creating Power Point presentations for CTAB, CAC, PPRTA Board, and City Council.
- Provided on-going support to the Street Division Managers including: planning, program history, financial updates, presentation assistance, and other support as requested.
- Responded to internal and external inquiries regarding issues and questions arising from PPRTA work. Coordinated responses between contractors, inspectors, and homeowners.

## PPRTA Concrete Work Areas - 4th Quarter 2009

Grid	Group	Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
<b>Grid 07-R - Special Project for CSU</b>													
7		5905	Side Yard		Castlewood Ln			x					
7		1809			Vickers Dr			x					
7			Corner	NE	Vickers Dr		Castlewood Ln	x	x		x		
7			Corner	NW	Vickers Dr		Castlewood Ln	x	x		x		
7		1702			Vickers Dr				x				
7		1710			Vickers Dr			x	x				
7		1718			Vickers Dr			x					
7		1724			Vickers Dr			x					
7		1726			Vickers Dr			x					
7			Corner	NE	Vickers Dr		Castlewood Ln	x	x		x		
7			Corner	NW	Vickers Dr		Spurwood Dr	x	x		x		
Grid	Group	Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
<b>Grid 07-03-R</b>													
7	3	6515			Ashcroft Dr			x					
7	3	6525			Ashcroft Dr			x					
7	3	6535			Ashcroft Dr			x					
7	3	6545			Ashcroft Dr			x					
7	3	6555	Access Road		Ashcroft Dr			x				x	
7	3	6565			Ashcroft Dr			x					
7	3	6575			Ashcroft Dr			x					
7	3	6585			Ashcroft Dr			x				x	
7	3	6595			Ashcroft Dr			x					
7	3		Intersection		Ashcroft Dr		Dublin Blvd	x				x	
7	3		Intersection		Brook Park Dr		Dublin Blvd	x				x	
7	3		Intersection		Dublin Blvd		Ashcroft Dr	x				x	
7	3		Intersection		Dublin Blvd		Brook Park Dr	x				x	
7	3		Intersection		Dublin Blvd		Dublin Pl	x				x	
7	3		Intersection		Dublin Blvd		Dublin Terr	x				x	
7	3		Intersection		Dublin Blvd	E	Gambol Quail	x				x	
7	3		Intersection		Dublin Blvd		Gambol Quail	x				x	Eastside
7	3		Intersection		Dublin Blvd		Snowbird Dr	x				x	East and West sides
7	3		Intersection		Dublin Blvd		Turret Dr	x				x	
7	3		Intersection	W	Dublin Pl	W	Dublin Loop	x					Extra added to cover
7	3	6671		W	Gambol Quail			x				x	
7	3	6729		E	Gambol Quail			x				x	
7	3	6679			Gambol Quail			x				x	



**PPRTA Concrete Work Areas - 4th Quarter 2009**

Grid	Group	Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
<b>Grid 07-03-R - continued</b>													
7	3		Intersection		Snowbird Dr		Snowbird Pl	x				x	
7	3		Intersection		Snowbird Dr		Snowbird Terr	x				x	
7	3		Intersection	W	Snowbird Dr		Dublin Blvd	x				x	
7	3		Intersection	E	Snowbird Dr		Dublin Blvd	x				x	
7	3	6530			Turret Dr			x	x				
7	3	6540			Turret Dr			x					
7	3	6550			Turret Dr			x					
7	3	6562	Eye brow		Turret Dr			x				x	Square Return
7	3	6570			Turret Dr			x					
7	3	6574			Turret Dr			x	x				
7	3	6580	Driveway		Turret Dr			x	x				
7	3	6590	Driveway		Turret Dr			x	x			x	Square Return
7	3		Intersection		Turret Dr		Dublin Blvd	x				x	
7	3		Corner		Turret Dr		Dublin Blvd	x	x				Square Return
7	3	6505	Driveway	E	Wicklow Cir				x				
7	3	6510			Wicklow Cir			x	x			x	
7	3	6520		E	Wicklow Cir			x	x				
7	3	6530	Driveway	E	Wicklow Cir			x	x				
7	3	6540	Driveway	E	Wicklow Cir			x	x				And Cul-de-Sac Point
7	3	6550		E	Wicklow Cir			x					
7	3	6560	Driveway	E	Wicklow Cir			x	x				
7	3		Intersection	NE	Wicklow Cir		Dublin Blvd	x				x	
<b>Grid 11-7-R</b>													
11	7	5705			Del Rey Dr			x	x				
11	7	5715			Del Rey Dr			x					
11	7	5725			Del Rey Dr			x	x				
11	7	5735			Del Rey Dr			x	x				
11	7	5740			Del Rey Dr			x	x				
11	7	5750			Del Rey Dr			x	x				
11	7	5755			Del Rey Dr			x					
11	7	5765			Del Rey Dr			x	x				
11	7	5775			Del Rey Dr				x				
11	7	5785			Del Rey Dr			x	x				
11	7	5790			Del Rey Dr			x					
11	7	5795			Del Rey Dr			x	x				
11	7	5805			Del Rey Dr			x	x			x	
11	7	5815			Del Rey Dr			x					
11	7	5820			Del Rey Dr			x					



**PPRTA Concrete Work Areas - 4th Quarter 2009**

Grid	Group	Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
<b>Grid 11-7-R - continued</b>													
11	7	5810			Del Rey Dr			x					
11	7	5825			Del Rey Dr			x					
11	7	5830			Del Rey Dr			x					
11	7	5835			Del Rey Dr			x	x				
11	7	5840			Del Rey Dr			x					
11	7	5845			Del Rey Dr			x	x				
11	7	5846			Del Rey Dr			x	x				
11	7	5852			Del Rey Dr			x	x				
11	7	5855			Del Rey Dr			x	x				
11	7	5860			Del Rey Dr			x	x				
11	7	5865			Del Rey Dr			x	x				
11	7	5870			Del Rey Dr			x	x				
11	7	5875			Del Rey Dr			x	x				
11	7	5880			Del Rey Dr			x	x				
11	7	5885			Del Rey Dr			x	x				
11	7	5890			Del Rey Dr			x	x				
11	7	5895			Del Rey Dr			x	x				
11	7	5905			Del Rey Dr			x	x				
11	7	5910			Del Rey Dr			x	x				
11	7	5915	Driveway		Del Rey Dr			x	x				Approach only
11	7	5920			Del Rey Dr			x	x				
11	7	5925			Del Rey Dr			x	x				
11	7	5930			Del Rey Dr			x	x				
11	7	5935			Del Rey Dr			x	x				
11	7	5945			Del Rey Dr			x	x				
11	7	5946			Del Rey Dr			x	x				
11	7	5955			Del Rey Dr			x	x				
11	7	5962			Del Rey Dr			x	x				
11	7	5965			Del Rey Dr			x	x				
11	7	5968			Del Rey Dr			x	x				
11	7	5974			Del Rey Dr			x	x				
11	7	5975			Del Rey Dr			x	x				
11	7	5985			Del Rey Dr			x	x				
11	7	5986			Del Rey Dr			x	x				
11	7	5992			Del Rey Dr			x					
11	7	5995			Del Rey Dr			x	x				
11	7	6001			Del Rey Dr			x	x				
11	7	6009			Del Rey Dr			x	x				



**PPRTA Concrete Work Areas - 4th Quarter 2009**

Grid	Group	Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
<b>Grid 11-7-R - continued</b>													
11	7	6010			Del Rey Dr			x	x				
11	7	6017			Del Rey Dr			x	x				
11	7	6018			Del Rey Dr			x	x				
11	7	6026			Del Rey Dr			x	x				
11	7	6033			Del Rey Dr			x	x				
11	7	6034			Del Rey Dr			x	x				
11	7	6041			Del Rey Dr			x	x				
11	7	6042			Del Rey Dr			x	x				
11	7	6047			Del Rey Dr			x	x				
11	7	6050			Del Rey Dr			x	x				
11	7	6055			Del Rey Dr			x	x				
11	7	6058			Del Rey Dr			x	x				
11	7	6063			Del Rey Dr			x	x				
11	7	6066	Eyebrow		Del Rey Dr			x				x	Bump out
11	7	6071			Del Rey Dr			x	x				
11	7	6074	Eyebrow		Del Rey Dr			x	x			x	Bump out
11	7	6079			Del Rey Dr			x	x				
11	7	6082			Del Rey Dr			x	x				
11	7	6087			Del Rey Dr			x	x				
11	7	6090			Del Rey Dr			x	x				
11	7	6095			Del Rey Dr			x	x				
11	7	6098			Del Rey Dr			x	x				
11	7		Corner	SW	Del Rey Dr		Eldora Ln	x	x		x		
11	7		Corner	SE	Del Rey Dr		Eldora Ln	x	x		x		
11	7		Intersection		Del Rey Dr		Eldora Ln	x				x	
11	7		Corner	SW	Del Rey Dr		Flintridge Dr	x	x		x		
11	7		Corner	NW	Del Rey Dr		Flintridge Dr	x	x		x		
11	7		Intersection		Del Rey Dr		Flintridge Dr	x				x	
11	7		Corner	NE	Del Rey Dr		Garmish Rd	x	x		x		
11	7		Intersection		Del Rey Dr		Garmish Rd	x				x	
11	7		Corner	NE	Del Rey Dr		Vickers Dr	x	x		x		
11	7		Corner	NW	Del Rey Dr		Vickers Dr	x	x		x		
11	7		Intersection		Del Rey Dr		Vickers Dr	x				x	5' wide - conduit present
11	7	2904	Side Yard		Garmish Rd			x					
11	7	2910	Side Yard		Garmish Rd			x					
11	7	5775			Garmish Rd			x	x				
11	7	5785			Garmish Rd			x	x				



**PPRTA Concrete Work Areas - 4th Quarter 2009**

Grid	Group	Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
<b>Grid 11-7-R - continued</b>													
11	7	5795			Garmish Rd			x	x				
11	7	5825			Garmish Rd			x	x				
11	7		Corner	NW	Garmish Rd		Del Rey Dr	x	x		x		
11	7		Intersection		Garmish Rd		Del Rey Dr	x				x	
11	7		Corner	NE	Garmish Rd	S	Roche Dr	x	x		x		
11	7		Intersection		Garmish Rd	S	Roche Dr	x				x	
11	7		Corner	NW	Garmish Rd	N	Roche Dr	x	x		x		
11	7		Intersection		Garmish Rd	N	Roche Dr	x				x	
11	7		Corner	NE	Garmish Rd		Union Blvd	x	x		x		
11	7		Intersection		Garmish Rd		Union Blvd	x				x	5' wide - conduit present
11	7		Corner	SE	Garmish Rd		Union Blvd	x	x		x		
11	7		Intersection		Garmish Rd		Union Blvd	x				x	
11	7	2904	Side Yard	N	Roche Dr			x	x				
11	7	2905	Side Yard	S	Roche Dr			x	x				
11	7	2970	Eyebrow	S	Roche Dr			x	x			x	
11	7	6015			Sapporo Dr			x	x				
<b>Grid 11-08-A</b>													
11	8	4285	Driveway	N	Academy Blvd			x					South
11	8	4295		N	Academy Blvd			x	x				North
<b>Grid 15-01-A</b>													
15	1		Median	S	Academy Blvd								Center fill for median
15	1		Median	N	Academy Blvd								
15	1		Median	S	Academy Blvd			x					North end of median - tapered median nose
15	1		Median	S	Academy Blvd								
15	1		Intersection	S	Academy Blvd		Shelley Ave	x				x	
15	1	105	Median - East Side	S	Academy Blvd			x					
15	1	105	Median - West Side	S	Academy Blvd			x					
15	1	135	Median - East Side	N	Academy Blvd			x					
15	1	135	Median - West Side	S	Academy Blvd			x					
15	1	145	Median - East Side	S	Academy Blvd			x					

## PPRTA Concrete Work Areas - 4th Quarter 2009

Grid	Group	Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
<b>Grid 15-01-A - Continued</b>													
15	1	145	Median - West Side	S	Academy Blvd			x					
15	1	155	Median - East Side	N	Academy Blvd			x					
15	1	155	Median - West Side	S	Academy Blvd			x					
15	1	168		S	Academy Blvd			x					Eastside
15	1	175	Median - East Side	S	Academy Blvd			x					
15	1	175	Median - West Side	S	Academy Blvd			x					
15	1	195	Median - East Side	S	Academy Blvd			x					For removal of 4" concrete from median
15	1	195	Median - West Side	N	Academy Blvd			x					
15	1	225	Median - East Side	S	Academy Blvd			x					To Shelley Ave
15	1	225	Median - West Side	S	Academy Blvd			x					
15	1	245	Median - East Side	S	Academy Blvd			x					
15	1	245	Median - West Side	S	Academy Blvd			x					
15	1	275		S	Academy Blvd			x					Eastside
15	1	275	Driveway	S	Academy Blvd			x					
15	1	275	Median - East Side	S	Academy Blvd			x					
15	1	275	Median - West Side	S	Academy Blvd			x					
15	1	345		S	Academy Blvd			x					Eastside
15	1	345	Median - East Side	S	Academy Blvd			x	x				
15	1	3820	Median - East Side	E	Pikes Peak Ave			x					Side Yard
15	5	225	Driveway	S	Academy Blvd			x	x				
15	5	245	Driveway	S	Academy Blvd			x	x				
15	5	275		S	Academy Blvd				x				



**PPRTA Concrete Work Areas - 4th Quarter 2009**

Grid	Group	Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
<b>Grid 15-05-A</b>													
15	5	345	Driveway	S	Academy Blvd			x	x				Plus (2) areas of sidewalk
15	5	225		S	Academy Blvd				x				(2) areas of sidewalk
15	5	155		S	Academy Blvd			x					At bus stop
15	5	145		S	Academy Blvd			x					
15	5	375		S	Academy Blvd			x	x				Behind curb head

## GRID 1

Grid 01-01-R		RTA OL-C		Buckeye/Delmonico		
Project #	Thickness	Mix	Street Name	From	To	
TBD	2"	SX	Buckeye Drive	Woodmen Road	Stonecrop Court	
1000-09	2"	SX	Buckeye Drive	Stonecrop Court	885' South (Discovery Court)	
1005-09	2"	SX	Stonecrop Court	Buckeye Drive	Dead End North	
1010-09	2"	SX	Buckeye Court	Buckeye Drive	Dead End North	
1015-09	2"	SX	Discovery Court	Buckeye Court	Dead End North	
1020-09	2"	SX	Pebble Way	Buckeye Drive	Delmonico Drive	

Grid 01-03-R		RTA OL-C		Big Valley Drive		
Project #	Thickness	Mix	Street Name	From	To	
1025-09	2"	SX	Big Valley Drive	Mt. Woodmen Court	Oak Hills Drive	

Grid 01-06-A		RTA OL-C		Rusina Road	Duraphalt	
Project #	Thickness	Mix	Street Name	From	To	
1031-09	2"	S	Rusina Road	Popes Valley Drive	Garden of the Gods Road	

## GRID 4

Grid 04-05-R		RTA OL-C		(Cardiff Circle/Broadmoor Bluffs Park)		
Project #	Thickness	Mix	Street Name	From	To	
1075-09	2"	SX	Cardiff Circle	Farthing Drive	Farthing Drive	
1080-09	2"	SX	Churchill Court	Cardiff Circle	Cul-de-Sac End	
1085-09	2"	SX	Reginold Court	Cardiff Circle	Cul-de-Sac End	
1090-09	2"	SX	Cheshire Court	Cardiff Circle	Cul-de-Sac End	
1100-09	2"	SX	Gloucester Court	Cardiff Circle	Cul-de-Sac End	

## GRID 6

Grid 06-01-A		RTA TBTRA		Academy Blvd. (TBTRA Only)	TBTRA	
Project #	Thickness	Mix	Street Name	From	To	
1105-09	1.00" -3/8"	TBTRA	Academy Blvd	501' north of SH83/Kelly Johnson	Shrider Road	

## GRID 9

Grid 09-05-A		RTA OL		Colorado Avenue		
Project #	Thickness	Mix	Street Name	From	To	
1255-09	2"	S	Colorado Avenue	Eastside of Nevada Avenue	Shooks Run Bridge	

## GRID 12

Grid 12-04-A		RTA OL-C		Academy Blvd.	SMA	
Project #	Thickness	Mix	Street Name	From	To	
1270-09	2.5"	SMA	N.B and S.B. Academy Blvd	Maizeland Road	N. Carefree Circle	
1270-09	2.5"	64-28	N.B and S.B. Academy Blvd	N. Carefree Circle	150' S. of Austin Bluffs Pkwy	
1270-09	2.5"	64-22	Academy Blvd.	Maizeland Road intersection	S.B Academy Blvd turn lanes	

## GRID 13

Grid 13-01-A		RTA-TBTRA		Circle Drive (TBTRA Only)	TBTRA	
Project #	Thickness	Mix	Street Name	From	To	
1275-09	1.25"-1/2"	TBTRA	Southbound Circle Drive	West Side of Janitell Road intersection	Airport Road North Side of intersection	
1275-09	1.25"-1/2"	TBTRA	Northbound Circle Drive	West Side of Janitell Road intersection	Airport Road North Side of intersection	

GRID 14					
Grid 14-06-R	RTA OL		Oro Blanco Drive/N Carefree Circle		
Project #	Thickness	Mix	Street Name	From	To
1290-09	2"	SX	Gracemoor Circle	Oro Blanco Drive	Oro Blanco Drive
1295-09	2"	SX	Splendid Circle	Oro Blanco Drive	Oro Blanco Drive
1300-09	2"	SX	Great Place	Splendid Circle	Cul-de-Sac End
1305-09	2"	SX	Cheerful Rd.	Oro Blanco Drive	Crimson Circle
1310-09	2"	SX	Portrait Place	Oro Blanco Drive	Crimson Circle
1315-09	2"	SX	Crimson Circle	Oro Blanco Drive	Portrait Place
1320-09	2"	SX	Athena Lane	Crimson Circle	Cul-de-Sac End
1325-09	2"	SX	Neat Place	Crimson Circle	Cul-de-Sac End

Traditional Overlay without TBTRA	
Total Lane Miles:	18.53
Total Square Yards:	119,560
Total Tons:	14,968

TBTRA ONLY	
Total Lane Miles:	26.03
Total Square Yards:	167,942
Total Tons:	8,179

DURAPHALT	
Total Lane Miles:	2.59
Total Square Yards:	16,739
Total Tons:	1,510

SMA (STONE MASTIC ASPHALT)	
Total Lane Miles:	9.11
Total Square Yards:	58,781
Total Tons:	6,663

Total of all Resurfacing Treatments	
Total Lane Miles:	56.26
Total Square Yards:	363,022
Total Tons:	31,320

# PPRTA Asphalt Repair and Expenditure Report



1/1/2009-12/31/2009

Supply Cost

<u>Springs Contractor Supply</u>	\$1,245.41
	<b>\$1,245.41</b>

Material Cost

<u>AmeriGas</u>	\$3,505.35
<u>Kiewit Western</u>	\$15,663.52
<u>Lafarge</u>	\$692.66
<u>Schmidt</u>	\$35,203.99
<u>Westates Inc</u>	\$80,000.00
	<b>\$135,065.52</b>

Equipment Cost

<u>Hertz Rental</u>	\$10,816.44
<u>Fleet</u>	\$27,156.60
<u>Comerica Leasing</u>	\$50,334.35
	<b>\$88,307.39</b>

Labor Cost

<u>Remedy Staffing</u>	\$325,478.84
<u>Add Staff</u>	\$1,765.01
	<b>\$327,243.85</b>

Insurance Cost

Travelers	\$385.40
<u>Travelers (Credit return of premiums)</u>	<u>-\$261.00</u>
	<b>\$124.40</b>
Brown & Brown Insur. (Credit)	-\$1,044.00
<u>Brown &amp; Brown Insur.</u>	<u>\$28,503.88</u>
	<b>\$27,459.88</b>

Parking Cost

<u>\$ 8.81</u>	
	<b>\$ 8.81</b>

**Total Expenditures**

	<b>\$579,455.26</b>
Budget	\$592,531.00
<b>Amount left</b>	<b>\$13,075.74</b>

**Potholes Completed**

**14,012** \*\*

Asphalt Repairs include potholes, sunken areas and minor asphalt repairs.

\*\*\* Comerica Leasing Corp (Patch Trucks) 12/22/08 Paid in 2009 1/7/09

\*\* Pothole count includes both RTA Group and Street Division Crews