

PPRTA PROJECTS AND PROGRAMS QUARTERLY UPDATE



Street Division – Paving with SMA on Academy Boulevard



City Engineering - Circle Drive Bridges Evaluation



City Engineering – Proby Parkway



City Engineering – Woodmen Road Corridor Improvement Project

The Future of Transportation in Colorado Springs



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:

- *Data collection and surveying of the corridor is complete. An open house was held on September 24th to obtain people's concerns for the corridor. Development of alternatives is under way.*

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

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	Mike Chaves, Sr. Civil Engineer	385-5408	mchaves@springsgov.com	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):									\$ -
TOTAL					\$ 1,700,000	\$ -	\$ -	\$ 28,237,754	\$ 29,937,754

Spent by Category as of November 13, 2009

<i>Design & Construction Management</i>	\$397,115
<i>Right-of-Way Acquisition</i>	\$0
<i>Construction</i>	\$0
TOTAL	\$397,115

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 is under way and construction is anticipated to start in Spring 2010.**

Project Schedule:	Consultant/Contractor	Status
Design: 2006-2009	URS	Approximately 95% complete
Right-of-Way: 2007-2009		<i>Four large parcels have been acquired.</i> Two residential properties have been acquired for the Drennan Road extension to Jet Wing Drive. Coordinating easement acquisition for the remaining areas.
Construction: 2010-2011		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. Early utility relocations are being done in late 2009 and early 2010. Construction of main project should start in Spring 2010.

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	Andy Garton, Sr. Civil Engineer	385-5054	agarton@springsgov.com	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):									\$ -
TOTAL	\$ 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

Spent by Category as of November 13, 2009

Design & Construction Management	\$6,938,781
Right-of-Way Acquisition	\$8,277,924
Construction	\$1,273,195
TOTAL	\$16,489,900

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

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



Colorado Springs Utilities work on the relocation of the electric transmission lines along Academy Boulevard



The Boychuk extension opened to traffic in late August



Construction in progress on the new Drennan Extension that will connect the old Drennan Road with Jet Wing Drive



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.**

Project Schedule:	Consultant/Contractor	Status
Design: Sept. 2005 - Jan. 2007	Wilson & Co.	Final design is complete.
Right-of-Way: Feb. 2007 - Sept. 2007	N/A	Completed.
Construction: Late Fall 2009	Blue Ridge Construction	Anticipated to begin mid-December

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	Andy Garton, Sr. Civil Engineer	385-5054	agarton@springsgov.com	City of Colorado Springs / City Engineering

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

Spent by Category as of November 13, 2009

Design & Construction Management	\$96,614
Right-of-Way Acquisition	\$123,666
Construction (Traffic Signal Equip.)	\$64,792
TOTAL	\$285,072

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 for 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:

- Bridge replacement in conceptual design phase.

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

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	Lesley Mace, Senior Civil Engineer	385-5069	lmace@springsgov.com	City of Colorado Springs / City Engineering

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

Spent by Category as of November 13, 2009

Design & Construction Management	\$17,275
Right-of-Way Acquisition	
Construction - PPRTA Funds	
Construction - City Funds	
TOTAL	\$17,275

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: \$1,454,417

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:
 Transportation Planning has conducted traffic analysis on several corridors for bicycle lane implementation, focusing on streets with 2009 resurfacing projects.

- A proposed work plan for new on-street bicycle facilities based on a reduced 2009 street resurfacing program has been completed and is being implemented in conjunction with street resurfacing projects this summer. New bicycle lanes have been installed on Cache La Poudre St., Cheyenne Meadows, East Lake Blvd., and Lexington Dr.
- **Staff completed needed field measurements for CAD design consultant for four bicycle lane project locations - Airport Rd., Dublin Blvd., Cheyenne Meadows, and King Street.**
- Staff is continuing to input bicycle facility sign locations (coordinates) into the Cartegraph traffic sign inventory. Several custom signs have been developed for use in unique locations to improve safety and better communicate conditions to motorists and bicyclists.
- Additional work upgrading existing bicycle lanes and signed bicycle routes (adding/upgrading signage and pavement markings) has continued. **Locations completed or in the installation queue include S. Tejon St., Corona St., N. Nevada Ave., Rockrimmon Blvd.**

Project Schedule:	Consultant	Status
Contract for Design: 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	kbennett@springsgov.com	City of Colorado Springs / Traffic Engineering

Funding Source(s):	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012-2014	Project Total
PPRTA	\$ -	\$ 27,911	\$ 30,232	\$ 102,790	\$ 355,583		\$ 270,087	\$ 350,014	\$ 1,136,617
Bicycle Tax		\$ -	\$ 30,000	\$ 35,000	\$ 45,000				\$ 110,000
City-Grant Funding					\$ 207,800				\$ 207,800
TOTAL	\$ -	\$ 27,911	\$ 60,232	\$ 137,790	\$ 400,583	\$ -	\$ 270,087	\$ 350,014	\$ 1,454,417

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



Several new bike lanes, including this one on Lexington Drive, provide access to several District 20 schools

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

Project Program: PPRTA Capital
Project Cost: \$289,158

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). **December**
- 8th/Ramona - Complete Rebuild (High). Delayed to 2009 for inclusion in intersection project
- Chelton/Palmer Park Complete Rebuild (Medium). Completed May
- Lehmburg/Palmer Park Complete Rebuild (Medium) **25% completed**
- 17th/Colorado Complete Rebuild (Medium) **maybe December**
- Astrozon/Chelton Complete Rebuild (Medium) On hold needs to coincide with street division work August
- Cascade/Vermijo Complete Rebuild (Medium) **Completed August**
- Tejon/Vermijo Complete Rebuild (Medium) **Complete November**
- Delta W/Hancock Complete Rebuild (Medium) Needs roadway engineering November
- Institute/Pikes Peak Complete Rebuild (Medium) **25% Completed**
- Nevada/Mountview Complete Rebuild (Medium) Needs roadway engineering December
- Del Monico/Rockrimmon S. - Complete Rebuild (High). 2008 project Delayed to coincide with intersection modifications

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

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

Funding Source(s):	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012-2014	Program Total
PPRTA	\$ 302,325	\$ 95,228	\$ 99,415	\$ 407,374	\$ 289,158	\$ 258,565	\$ 258,575	\$ 943,032	\$ 2,653,672
Other (Explain)		\$ -							
TOTAL	\$ 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. **Project has been awarded to US Road and construction will begin in mid-November 2009.**

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

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	Dave Krauth, City Traffic Engineer	385-5433	dkrauth@springsgov.com	City of Colorado Springs / Traffic Engineering

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

Additional Comments:

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".

<u>Project Schedule:</u>	<u>Consultant</u>	<u>Status</u>
Design:		
Right-of-Way:		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.
Construction:		

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

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

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 Maintenance
Project Cost: \$14,458,901

Project Description:
 This project will design and construct a new bridge over Cottonwood Creek and extend Vincent Drive from Dublin Boulevard to the North Nevada Avenue frontage road.

- Project Status:**
- *Phasing options being considered to build extension in 2010.*
 - *Bridge replacement in later phase.*
 - *Right-of-way negotiations and acquisition in progress.*

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

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	Mike Chaves, Sr. Civil Engineer	385-5408	mchaves@springsgov.com	City of Colorado Springs / City Engineering

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

Spent by Category as of November 13, 2009

<i>Design & Construction Management</i>	<i>\$834,182</i>
<i>Right-of-Way Acquisition</i>	<i>\$235,440</i>
<i>Construction</i>	<i>NA</i>
TOTAL	\$1,069,622

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.

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

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

Funding Source(s):	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012	Project Total
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
Federal Stimulus					\$ 35,000,000				\$ 35,000,000
TOTAL	\$ 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 November 13 2009

Design & Construction Management-RTA	\$1,308,778
Design & Construction Management-City	\$6,515,164
Right-of-Way Acquisition - PPRTA	\$3,820,402
Right-of-Way Acquisition - City	\$12,992,816
Construction - PPRTA	\$187,774
Construction - ARRA	\$1,311,088
TOTAL	\$26,136,022

Additional Comments:

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



Demolition of the Einstein Bagels building.



Work in progress on the new Olga Willson Way

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

Project Program: PPRTA Maintenance
Project Cost: \$2,642,058 (2009)

Project Description:

- Provide ongoing bridge repairs and maintenance to the City's 205 major bridge structures (greater than 20 feet in length) and 300+ 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 6 bridges) is nearly complete.
- **Second 2009 contract began construction in August 2009 and has finished 9 of 11 structures.**
- Work under way on Circle Bridges Rehabilitation design and evaluation.
- **A third contract for 2009 will focus 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, being replaced.**

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

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

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

2009 Spent by Category as of November 13, 2009

Design & Construction Management	\$149,322
Right-of-Way Acquisition	NA
Construction	\$639,572
TOTAL	\$788,894

Additional Comments:

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



Snooper truck on Circle Drive Bridges allows for inspections to be performed on the underside of the structures



Left: Alco Construction recently completed a new retaining wall and added rip-rap at the Drennan Road Bridge over Jimmy Camp Creek



Above: TLM Contractors place epoxy sealer with fine aggregate in the median of the Colorado Avenue Viaduct over the railroad tracks and Sierra Madre Street

Project Name: Nevada Avenue Bridges over Van Buren
Drainageway Rehabilitation

Project Program: PPRTA Maintenance
Project Cost: \$1,350,000

Project Description:

- The Nevada Avenue Bridge developed a hole in the bridge deck on December 26, 2007.
- The project will develop and implement a bridge rehabilitation strategy to increase the life of the structure approximately 20 years.

Project Status:

- An engineering evaluation of the existing bridges has been completed.
- Meetings with neighborhood, business and railroad representatives in progress.
- Rehabilitation strategy is complete.
- **Submitted plans to Union Pacific Railroad for review.**
- Preparing for second public meeting in **January 2010**.

Project Schedule:	Consultant/Contractor	Status
Design: N/A	LONCO	Evaluation and concept development.
Right-of-Way: N/A	N/A	N/A
Construction: TBD		

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

Funding Source(s):	Funding thru 2005	2006	2007	2008	2009	2010	2011	Project Total
PPRTA				\$ 141,334	\$ 958,666			\$ 1,100,000
CDOT				\$ 250,000				\$ 250,000
TOTAL				\$ 391,334	\$ 958,666	\$ -	\$ -	\$ 1,350,000

Spent by Category as of November 13, 2009

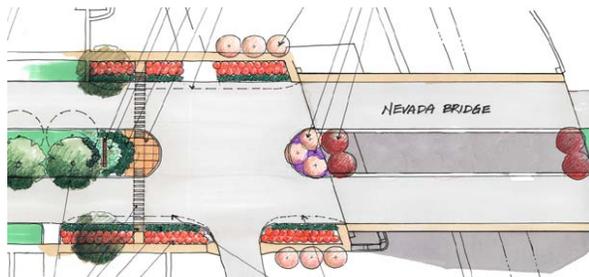
Design	\$217,226
Right-of-Way Acquisition	\$0
Construction	\$0
TOTAL	\$217,226

Additional Comments:

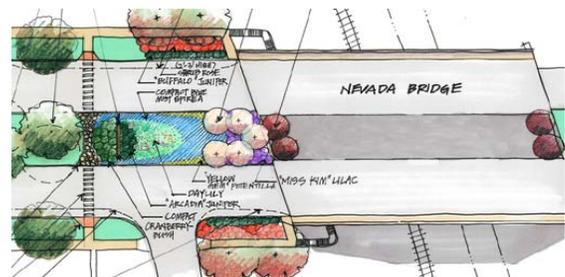
New and/or updated information is formatted above in bold italics



Nevada Avenue Bridge Looking North



The median at Lilac Street will be closed to enhance safety.



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

Project Program: PPRTA Maintenance
Project Cost: \$6,061,111

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 Citizen Request Concrete Repair Program**. This citywide program addresses high-priority needs, primarily in locations involving safety, high-volume pedestrian areas, schools, and hospitals (Priority 1 repairs). The remaining program 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]** *The Overlay Prep Concrete Repair Program has been reinitiated as Phase II after additional funding was received from Traffic Engineering and SWENT. Two concrete contractors will focus on concrete repairs in areas designated for the 2010 Overlay Program. If necessary, a third contractor may be added to ensure all funding will be spent before December 31, 2009. Each concrete contractor is monitored by an inspector. Concrete testing is performed by a certified PPRTA inspector. Additional sidewalk trip hazard work will be performed by Wavecore in advance of the 2010 Overlay Program.*
- On-Call Citizen Request Concrete Repair Program.** *The On-Call Concrete Repair program is completed for 2009.*
- ADA Pedestrian Ramps.** *275 pedestrian ramps have been completed through October by the combined concrete repair programs.*

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

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

<u>Funding Source(s):</u>	<u>Funding thru 2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>Amended 2009 Budget*</u>	<u>2010</u>	<u>2011</u>	<u>Project Total</u>
PPRTA	\$ 5,000,000	\$ 5,543,516	\$ 6,181,213	\$ 6,524,407	\$ 6,061,111			\$ 29,310,247
Ramp	\$ 232,500	\$ 218,734	\$ 237,468	\$ 100,000	\$ -			\$ 788,702
CIP	\$ 46,500	\$ 197,272	\$ -	\$ -	\$ -			\$ 243,772
City-CDBG	\$ 75,000	\$ 150,000	\$ -	\$ -	\$ -			\$ 225,000
TOTAL	\$ 5,354,000	\$ 6,109,522	\$ 6,418,681	\$ 6,624,407	\$ 6,061,111	\$ -	\$ -	\$ 30,567,721

Additional Comments: * Amended 2009 Budget includes 2009 Revenue Shortfall, 2008 Positive Carry Over, internal transfer of \$100K from the PPRTA Maintenance Account and \$800K from Traffic Engineering

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



Concrete Contractors Preparing New Crossspan Forms



2009 Sidewalk Concrete Repair

Project Name: Incident Management/Signal Upgrades

Project Program: PPRTA Maintenance
Project Cost: \$561,191

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
 - Install traffic signal back plates at mast arm intersections to improve target value of traffic signal heads
 - Replace small traffic signal cabinets to allow the addition of a current monitor for improved intersection operation and safety
 - Replace aging controller assemblies and conflict monitors for improved intersection operation and safety

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

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

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

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: \$2,965,247

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.
- Street Name Signs. Replace 2,000 street name signs on local and collector streets with larger types to comply with Federal requirements (**1991** street name signs upgraded in 2009 year-to-date).
- School Legends . Refresh permanent long-lasting school legends at approximately 225 locations in advance of crosswalks (**482** 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.) - **557** crosswalks have been completed in 2009 year-to-date
- Pavement Markings. Mark 1,200 lane miles using long-lasting, high-build paint. In 2009, **1,619.23** lane miles have been painted year-to-date.

Specific 2009 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.

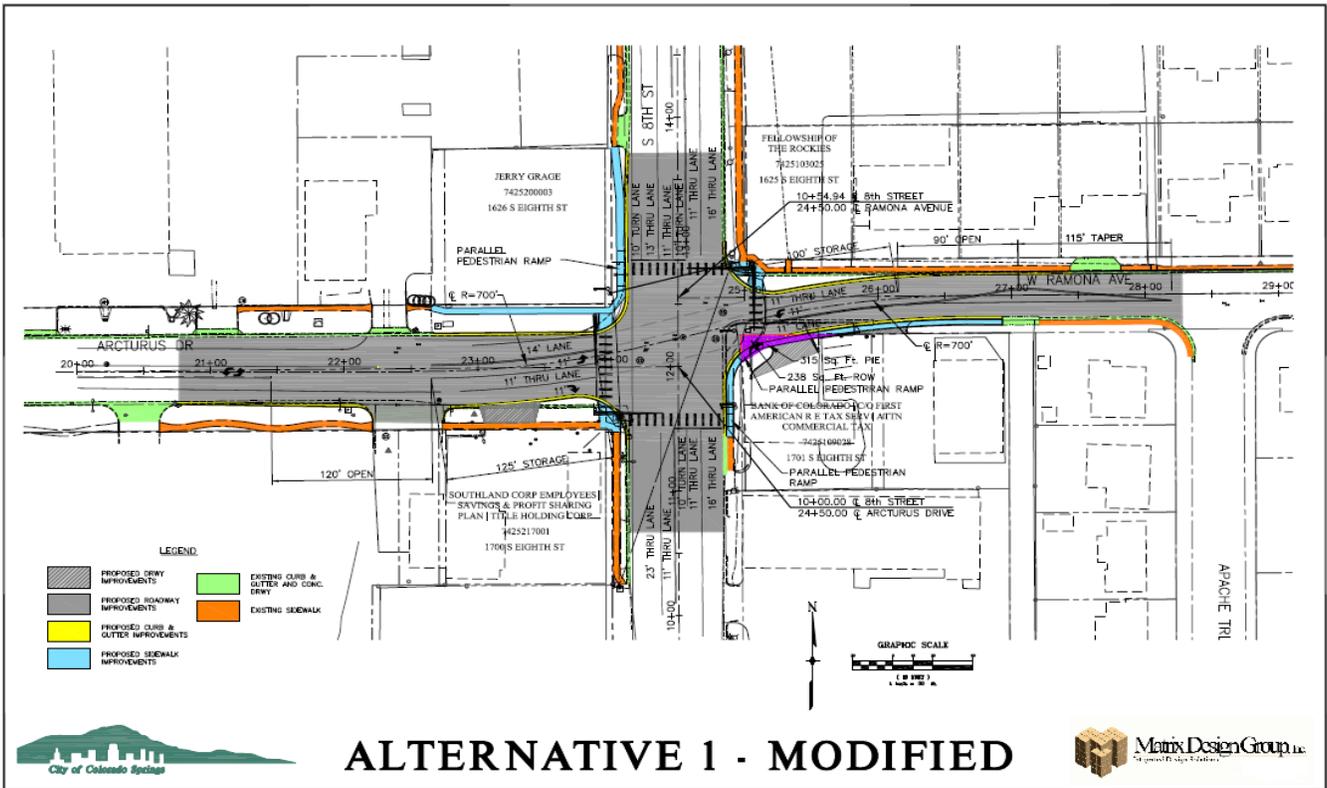
Project Schedule:	Consultant/Contractor	Status
Design: N/A	N/A	
Right-of-Way: N/A	N/A	
Construction: Jan. - Dec. 2008	N/A	

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	Dave Krauth, City Traffic Engineer	385-5433	dkrauth@springsgov.com	City of Colorado Springs / Traffic Engineering

Funding Source(s):	Funding thru 2005	2006	2007	2008	2009	2010	2011	Project Total
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:								
Street Striping-Mrkng	\$ 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
TOTAL	\$ 2,650,000	\$ 2,798,241	\$ 3,102,500	\$ 3,109,137	\$ 2,965,247	\$ 2,900,000	\$ -	\$ 17,525,125

Additional Comments:	
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New and/or updated information is formatted above in bold italics



8th STREET & ARCTURUS/RAMONA REALIGNMENT PROJECT

Project Name: 2009 Roadway Maintenance Program

Project Program: PPRTA Maintenance

Project Cost: \$6,872,431

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 Terminal Blend Tire Rubber Asphalt) and SMA (Stone Mastic Asphalt).
- **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 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 be in June, 2009. It has been postponed until 2010 due to budget cuts.
 - **Overlay Program.** *The overlay program is progressing as scheduled. N Academy Blvd between I-25 and Shrider Rd, and Circle Drive between Janitell Rd and Airport Rd have been resurfaced with Terminally Blended Tire Rubber Asphalt (TBTRA), completing a project begun in 2008. Academy Blvd between Austin Bluffs Parkway and Maizeland Road has been paved with SMA, and the remaining designated arterial and residential streets have been overlaid with traditional mixes. LaFarge will place an experimental mix called "Duraphalt" on Rusina Road. Duraphalt is a new "warm mix" which can be placed in cooler ambient temperatures than regular asphalt.*
- **Pothole Patching [ATTACHMENT E].**

One (1) full-time PPRTA crew is patching potholes throughout the city. PPRTA crack sealing activities are completed for 2009. In addition to the PPRTA pothole crew, there are two city pothole crews who are working on pothole patching, crack sealing and minor road repairs in designated grids. **The total number of potholes patched by the PPRTA crews between Jan. and Oct., 2009 is 10,458.**

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

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

Funding Source(s):	Funding thru 2005	2006	2007	2008	Amended 2009 Budget *	2010	2011	Project Total
PPRTA	\$ 6,500,000	\$ 7,222,310	\$ 7,862,106	\$ 7,162,655	\$ 6,872,431	\$ 5,900,000		\$ 41,519,502
TOTAL	\$ 6,500,000	\$ 7,222,310	\$ 7,862,106	\$ 7,162,655	\$ 6,872,431	\$ 5,900,000	\$ -	\$ 41,519,502

Additional Comments: * Amended 2009 Maintenance Budget includes 2009 Revenue Shortfall, 2008 Positive Carry Over, and \$220K internal transfer of funds to the PPRTA Concrete Program Account

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



Filling Pavers with SMA Mix at the job Site



Paving Operations with SMA on N Academy Blvd



Measuring TBTRA Temperatures (300°F Min)

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

Project Program: PPRTA Maintenance
Project Cost: \$2,475,591

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.

- 2005
2000
5
- 1. Academy Boulevard Safety Improvements (Bijou Street to Briargate Boulevard) (Grant Funds = \$79,000; PPRTA funding will be used to expand these improvements):
 - Academy & Bijou. Modify left turn lanes on Academy to improve sight distance.
 - Academy & N. Carefree. Widen N. Carefree to improve intersection alignment so the signal can be better phased and more green time can be allocated to Academy.
 - Academy & Briargate. Modify left turn lanes on Kelley Johnson to improve sight distance.
- 2006
- 2. 8th Street & Cimarron Street (Grant Funds = \$158,000): Increase the length of the northbound right-turn storage. PPRTA funding will be used to improve pedestrian facilities in conjunction with this project.
- 2000
00
7
- 3. Fillmore/El Paso Street (Grant Funds = \$225,000): 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.
- 2000
00
7
- 4. Airport Road & Powers Boulevard (Grant Funds = \$250,000) 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.
- 2000
00
7
- 5. Platte Avenue from Union to Hancock (Grant Funds = \$270,000): Project initiated to address high number of accidents in this section of Platte Ave where no center median or turn lanes exist. .
- 2000
00
1
0
- 6. Briargate Pkwy & Voyager Pkwy (Grant Funding = \$207,000) 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
- 7. Carefree Circle South & New Center Point (Grant Funding = \$138,048.00): Project initiated to address high number of accidents at this intersection.

Project Status:

- 1. Academy Boulevard Safety Improvements (Bijou Street to Briargate Boulevard) Construction is **complete**.
- 2. 8th Street & Cimarron Street. Project designs have been completed and construction is **complete**.
- 3. 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. **Construction contract was awarded in November 2009.**
- 4. Airport Road & Powers Boulevard. **City forces were used to restripe the southbound left turn lane and widen Stewart Road to accommodate dual left turns. Reconstruction and lengthening of the southbound left turn lanes will be constructed to finish the project.**
- 5. 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.
- 6. Briargate Pkwy & Voyager Pkwy. IGA is under review.
- 7. Carefree Circle South & New Center Point. IGA is under review..

Project Schedule:	Consultant/Contractor	Status
Design: 2005 Projects	N/A	Completed and submitted to CDOT for review.
Construction: 2006 Project	N/A	Late fall 2009
Construction: 2005 Projects	N/A	06/09 - 10/09

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	<i>Colleen Dawson, Civil Engineer II</i>	385-5436	cdawson@springsgov.com	<i>City of Colorado Springs / Traffic Engineering</i>
	<i>Andy Garton, Senior Civil Engineer</i>	385-5054	agarton@springsgov.com	<i>City of Colorado Springs / Roadway Engineering</i>
	<i>Mike Chaves, Senior Civil Engineer</i>	385-5385	mchaves@springsgov.com	<i>City of Colorado Springs / Roadway Engineering</i>

Funding Source(s):	Funding thru 2005	2006	2007	2008	2009	2010	2011	Project Total
PPRTA	\$ 26,092	\$ 351,560	\$ 103,190	\$ -	\$ 1,012,749	XX	XX	\$ 1,493,591
City-HES Grant	\$ 237,000	\$ 225,000	\$ 520,000					\$ 982,000
TOTAL	\$ 263,092	\$ 576,560	\$ 623,190	\$ -	\$ 1,012,749	\$ -	\$ -	\$ 2,475,591

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



Modified left turn lanes at Academy Boulevard and Bijou



PPRTA funds provided improved pedestrian facilities on South 8th Street that included a new pedestrian bridge over Fountain Creek



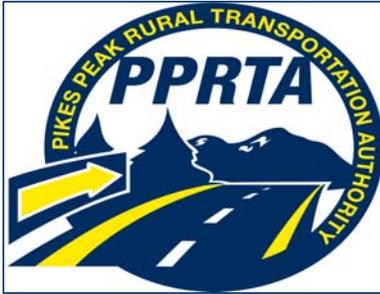


Congestion/Incid. Signal Improvements

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 11/04/09		
Location	Description	Scheduled 2009	Construction Start	Construction Complete	Notes
Chelton/Palmer Park	Rebuild	Feb	March	5/13/09	
Tejon/Vermijo	Rebuild	April	May	November	95%, delayed for CSU change in power source. Contractor to start first week August
Cascade/Vermijo	Rebuild	April	May	8/14/2009	
29th/Colorado Fire Station #5	Rebuild	July	September		Engineering underway
Lehmberg/Palmer Park	Rebuild	July	August		25% Completed
Institute/Pikes Peak	Rebuild	November	August		25% Completed
17th/Colorado	Rebuild	August			
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
8th/Ramona	Rebuild				Delayed to 2009 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 11/04/09

RTA - Work Plan Signal Back Plates, Cabinet replacements

Location--	Back Plates
Dublin/Montarbor	Completed-March
Chelton/Palmer Park	Completed-May
Tejon/Vermijo	in progress
Cascade/Vermijo	in progress
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

Location--	Controller Cabinet Upgrades
Chelton/Palmer Park	Completed-May
Dublin/Powers	Completed-May
Tejon/Vermijo	Completed-November
Cascade/Vermijo	Completed-August



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 2009

11/06/09

Fund	Location	Description	Construction Year	Status	Est./Final Cost	Consultant	Work Start / End Schedule	Notes
2009								
53M	8th & Arcturus	Realign intersection to correct offset	2010	Design	\$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	Construction	\$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	60% Design	\$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	Construction	\$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	Construction	\$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
December 2009**

Bridge Program Status and Financial Overview

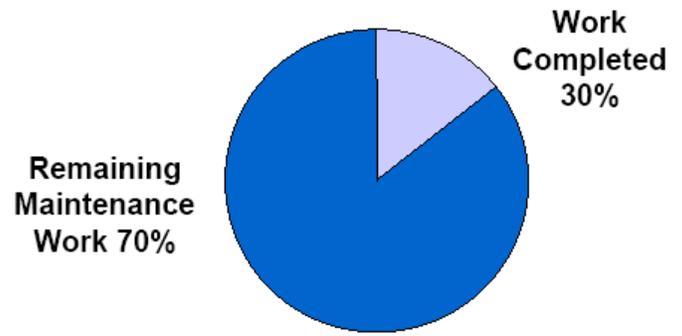
2009 Program Status Summary

2009 Bridge Maintenance Program Budget		Spent Since 8-13-09	Spent to Date	Status
Bridge Repair and Maintenance	\$ 1,525,149	\$ 44,052	\$ 639,572	In Progress
Inspection Program	\$ 150,000	\$ -	\$ -	In Progress
Bridge Evaluation and Engineering	\$ 50,000	\$ -	\$ 9,852	In Progress
Circle Drive Bridges	\$ 546,909	\$ 5,180	\$ 5,180.00	In Progress
Emergency Bridge Repair	\$ 100,000	\$ -	\$ -	As Required
Bridge Maintenance Expenses	\$ 30,000	\$ 5,102	\$ 7,269	In Progress
Program Support	\$ 240,000	\$ 24,645	\$ 127,021	In Progress
2009 Bridge Maintenance Totals	\$ 2,642,058	\$ 78,979	\$ 788,894	

Targeted Program Goals for 2009 include:

- o Complete winter bridge maintenance and repair package started in 2008 - *completed*
- o Complete three 2009 bridge maintenance and repair packages
- o Develop a twenty-year plan - *completed*
- o Conduct engineering analysis to address bridge safety and capacity issues
- o Colorado Avenue Viaduct deck sealing and railing painting – *2009 Repair Package 3*
- o Request for proposal for bridge inspections on minor structures – *pending*
- o Complete painting of South Nevada Avenue railroad bridge
- o Implement the Cartegraph asset management software for bridges inventory and maintenance program
- o Submitted two grant requests for Colorado Municipal League funding
- o Consultant preliminary report for Circle Drive Bridges due in November

2009 Budget Status



Upcoming Program Goals for 2010 include:

- o Preparation of 2010 construction packages 1 and 2
- o Meadowland pedestrian bridge replacement
- o Minor structure RFP

**PPRTA/ Colorado Springs
Bridge Maintenance Program
December 2009**

2009 Phase 1 Construction Package – Nearing Completion
Blue Ridge Construction - \$377,716

Structure	Status
1. Academy Boulevard at Cottonwood Creek	Complete
2. Academy Boulevard at Spring Creek	Nearing Completion
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



Blue Ridge Construction working on the box culvert extension at Academy over Spring Creek. The extension will allow for the installation of curb, gutter, sidewalk and guardrail along Academy Boulevard.

Curb and gutter is scheduled and work on box culvert extension will restart on November 16th.

2009 Phase 2 Construction Package – in Progress
ALCO Construction - \$225,055

Structure	Status
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	Pending
8. Pikes Peak Avenue over Spring Creek	Pending
9. West bound Platte Avenue over Sand Creek	Pending
10. East bound Austin Bluffs Parkway at Union Boulevard	Completed
11. Rockrimmon Boulevard at Mark Dabling Boulevard	Completed

2009 Phase 3 Construction Package – in Progress
TLM Constructors - \$283,550

Colorado Avenue Bridge	
1. Deck overlay	Pending
2. Concrete sealer over sidewalks and median	Pending
3. Pigeon abatement	Pending

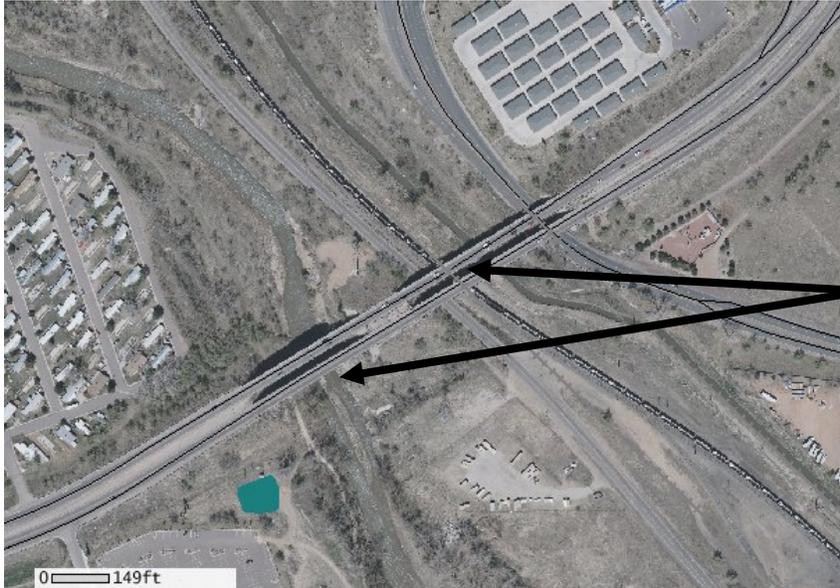


TLM Constructors jack-hammer and remove delaminated concrete on the bridge deck surface on the Colorado Avenue viaduct over the railroad tracks and Sierra Madre Street.

The bridge deck revealed exposed rebar and/or an extremely shallow concrete cover.

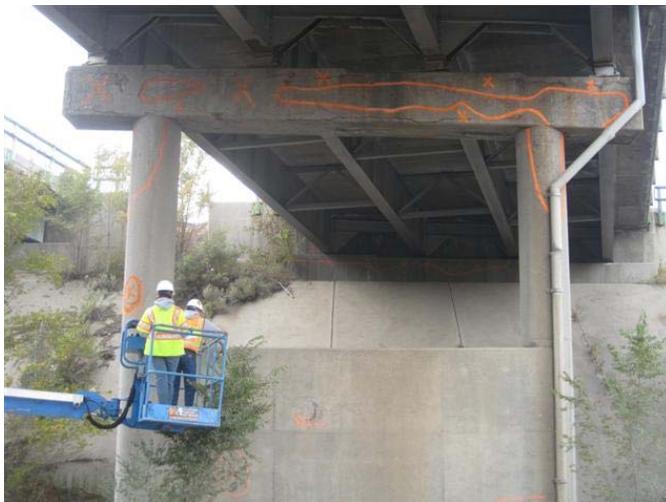
**PPRTA/ Colorado Springs
Bridge Maintenance Program
December 2009**

Circle Drive Bridges



A design and project management contract was awarded to HDR/LONCO in August 2009 to evaluate the existing condition and recommend alternatives for rehabilitation and maintenance. There are four bridge structures that cross the Union Pacific Railroad, Las Vegas Street and Fountain Creek.

- Consultant preliminary report due in November 2009



- Inspectors with the engineering firms HDR and LONCO are sounding with a hammer to detect delaminations in steel reinforced concrete piers. The problem areas are marked with paint.



PPRTA / STREET Division Quarterly Report

Roadway Maintenance and Concrete Repair Programs

August, 2009



Roadway Maintenance Budget	Spent	%	Status
Overlay Program	\$ 3,584,458.25	\$ 26,954.73	0.8% In Progress
Chip Seal Program	\$ -	\$ -	0.0% Postponed til 2010
Pothole Program	\$ 592,531.00	\$ 370,510.76	62.5% In Progress
City Materials purchased through contracted suppliers	\$ 1,669,875.36	\$ 598,347.16	35.8% In Progress
Program Support Functions	\$ 220,608.00	\$ 29,148.08	13.2% On-Going
Program Management	\$ 904,959.05	\$ 538,572.38	59.5% On-Going
Roadway Maintenance Budget:	\$ 6,972,431.66	\$ 1,563,533.11	22.4%

Concrete Maintenance Budget	Spent	%	Status
Concrete: Curb, Gutter, Sidewalks	\$ 4,232,111.30	\$ 4,083,545.29	96.5% In Progress
Concrete: ADA Pedestrian Ramps	\$ 929,000.04	\$ 827,757.49	89.1% In Progress
Concrete Maintenance Budget:	\$ 5,161,111.34	\$ 4,911,302.78	95.2%
Total 2009 Modified Budget*	\$ 12,133,543.00	\$ 6,385,961.87	52.6%

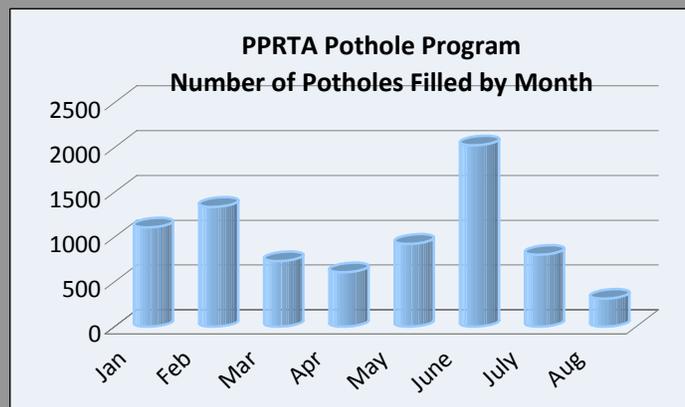
**Total 2009 Modified Budget includes 2009 Shortfall and 2008 Positive Carry Over*

PPRTA Program Statistics as of August 13, 2009

Concrete Repair Program	Roadway Maintenance Program			
Installed Curb and Gutter:	60,051 LF / 11.37 MI	<i>PROGRAM</i>	<i>Miles</i>	<i>TONS</i>
Installed 4 ft Sidewalk:	116,307 SF / 5.51 MI	Milling:	0.95	--
Number of Pedestrian Ramps:	268	TBTRA:	8.84	2,784
Number of Cross Pans:	60	Overlay	0	0

Concrete Repair Program Statistics reflect work completed through July 31, 2009, and combines accomplishments from the Overlay Prep Concrete Repair Program and the On-Call Concrete Repair Program.

Miles measured in Lane Miles. Milling quantities are edge milling on Academy Blvd and Circle Drive in preparation for Terminal Blend Tire Rubber Asphalt (TBTRA) paving.



Pothole Program
Total Number of Potholes Patched: 7,850
<i>Includes Potholes, Sunken Areas, and Minor Digout Repairs Completed by PPRTA Personnel</i>

2009 PPRTA Program Planning and Implementation

- Both PPRTA concrete repair programs, the On-Call and Overlay Prep Concrete Repair Programs, are completed for this year. Began closing and reconciliation of concrete programs. This process includes: financial and statistical reconciliation, updating the numerous tracking spreadsheets in preparation of the Year End Report and various other PPRTA reports and presentations, as well as evaluation of the concrete contractors performance and cooperation.
- Initiated the contract close out procedure for the remaining six concrete contractors. Requested necessary tax forms, punch lists, final invoices, and change orders to close out the Overlay Prep Concrete Repair Program contracts.
- After completing the Overlay Prep Concrete Program, the PPRTA staff has transitioned the to 2009 Overlay Program. Currently, the main focus is quality control of the various mix designs and the overlay processes. The office staff tracks the milling and overlay quantities to assure accurate billing. The 2009 overlay operations began with the placement of Terminal Blend Tire Rubber Asphalt on Academy Blvd and Circle Drive.
- Two PPRTA inspectors are on-site at all times to oversee the milling and overlay operations, monitor quality control, and resolve issues in the field with the public or the contractor.
- PPRTA Project Manager monitored & documented LaFarge's production of the TBTRA mix from the asphalt plant tower. Provided technical assistance and facilitated the flow of information between plant personnel and the tire rubber oil manufacture in Texas.
- Held pre-construction and weekly meetings with LaFarge, this year's resurfacing contractor. Discussed Terminal Blend Tire Rubber-Asphalt (PFC TBTRA), Stone Mastic Asphalt (SMA) and traditional resurfacing specifications and testing requirements with contractor. Specified sequence of work and traffic control for overlay operations.

On-Going 2009 Program Management and Street Division Support

- Manage PPRTA program budget, including planning, invoicing, financial tracking and reconciliation. Resolve account discrepancies and ensure necessary documentation of transactions. Act as a liaison between agencies to enhance communication and efficiency.
- Support On-Call Administrator and City administrative support personnel in financial tracking and reconciliation of On-Call Concrete and Pothole programs.
- PPRTA staff continues to look for process improvement and cost saving opportunities. Develop and modify reports, spreadsheets, forms and binders to improve tracking and documentation for PPRTA programs and accomplishments.
- Provided on-going financial, statistical and field data, and special reports to R. Sonnenburg and other PPRTA/City staff. Created Infrastructure Highlight report and Comprehensive Planning Report, as well as worked on Pavement Management Assessment and Budget presentation for City Council and Street Division Managers.
- Provide on-going support to the Street Division Managers, including planning, program history, presentation assistance, and other support as requested.
- Respond to internal and external inquiries regarding issues and questions arising from PPRTA work. Coordinate responses between contractors, inspectors, and homeowners.



PPRTA Concrete Work Areas May through July 2009



Month Work Completed	Overlay Prep Program Work	
	STREET SEGMENT	(TO - FROM)
May through July 2009	Academy Blvd	
	Becket Dr	Wycliffe Dr to Broadmoor Bluffs Dr
	Broadmoor Bluff Dr	Farthing Dr to Ellsworth St
	Buckeye Ct	Buckeye Dr to Dead End North
	Buckeye Dr	Pebble Way to Woodmen Rd
	Chaseglen Dr	
	Danceglen Dr	Farthing Dr to Farthing Dr
	Danceglen Dr	Farthing Dr to Dead End West
	Discovery Ct	Buckeye Dr to Dead End North
	Enfield Pl	Becket Dr to Dead End West
	Fernglen Ct	Chaseglen to Dead End West
	Maroonglen Ct E	Chaseglen Dr to Dead End East
	Maroonglen Ct W	Chaseglen Dr to Dead End West
	Pebble Way	Buckeye Dr to Delmonico Dr
	Robinglen Ct E	Chaseglen Dr to Dead End East
	Robinglen Ct W	Chaseglen Dr to Dead End West
	Songglen Cir	Chaseglen Dr to Chaseglen Dr
	Spiceglen Dr	Songglen Cir to Songglen Cir
	Stonecrop Ct	Buckeye Dr to Dead End North
	Wycliffe Dr	Star Ranch Rd to Broadmoor Bluffs Dr



PPRTA Concrete Work Areas May through July 2009



Month Work Completed	On-Call Program Work	
	STREET SEGMENT	BLOCK/ADDRESS
May through July 2009	Coachwood Trail	5605
	Cooper Ave	1520, 1521, 1524
	E Costilla St	123
	E Madison Ave	1100-1400 Block and 1918
	E Monument St	1200 Block
	E Platte Ave	1100 Block
	E Washington St	13-21 and 100 Block
	LaSalle St	1300-1400 Block
	Monroe St	1200-1300
	N Cascade Ave	1530, 1900-2000 Block
	N Hancock Ave	600 - 900 Block
	N Tejon St	525, 529, 601 and 1900-2000 Block
	N Wahsatch St	915
	N Weber St	1426
	N Wood Ave	1531
	Nevada Ave	1900 Block
Sheridan Ave	600 Block	
Vermijo Ave	7 & 15	

Month Work Completed	Peds Ramps	Mid-Block Ramps / Ramps at Commercial Driveways		
			STREET	DESCRIPTION
May through July 2009		SW	Corner - N Tejon St & Washington St	



PPRTA Concrete Work Areas May through July 2009



Month Work Completed	Peds Ramps	Corners with Ped Ramp Work	
		LOCATION	
May through July 2009	X	NW	Corner - Becket Dr and Enfield Pl
	X	SE	Corner - Becket Dr, Wycliffe Dr and Main Entrance for Strip Mall
	X	NE	Corner - Becket Dr, Wycliffe Dr and Main Entrance for Strip Mall
	X	NE	Corner - Bourke Dr & Coachwood Trail
	X	NE	Corner - Broadmoor Bluffs Dr and Neal Ranch Rd
	X	NE	Corner - Buckeye Ct and Buckeye Dr
	X	NW	Corner - Buckeye Ct and Buckeye Dr
	X	SE	Corner - Buckeye Dr and Pebble Way
	X	SW	Corner - Buckeye Dr and Pebble Way
	X	NE	Corner - Buckeye Dr and Stonecrop Ct
	X	NW	Corner - Chaseglen Dr and Farthing Dr
	X	NE	Corner - Chaseglen Dr and Farthing Dr
	X	NE	Corner - Custer Ave & Madison Ave
	X	NW	Corner - Custer Ave & Madison Ave
	X	NW	Corner - Discovery Ct and Buckeye Dr
	X	NW	Corner - Hancock Ave & St. Vrain St
	X	NW	Corner - Monument St & Sheridan Ave
	X	SW	Corner - Monument St & Sheridan Ave
	X	NE	Corner - N Tejon St & Washington St
	X	SE	Corner - N Tejon St & Washington St
	X	SW	Corner - N Tejon St & Washington St
	X	NE	Corner - Pebble Way and Delmonico Dr
	X	SE	Corner - Pebble Way and Delmonico Dr
	X	SW	Corner - S Tejon St & Vermijo Ave
	X	NW	Corner - Stonecrop Ct and Buckeye Dr
	X	NW	Corner - Wycliffe Dr and Becket Dr
	X	SW	Corner - Wycliffe Dr and Becket Dr
	X	NE	Corner - Wycliffe Dr and Broadmoor Bluffs Dr
	X	SW	Corner - Wycliffe Dr and Crown Point Dr
	X	SE	Corner - Wycliffe Dr and Crown Point Dr
	X	SE	Corner - Wycliffe Dr and Royal Crown Ln
	X	NW	Corner - Wycliffe Dr and Stonehaven Dr - Eastside
	X	NE	Corner - Wycliffe Dr and Stonehaven Dr - Westside
X	SW	Corner - Wycliffe Dr and Stonehaven Dr (East End)	
X	NW	Corner - Wycliffe Dr and Stonehaven Dr (West End)	
X	NW	Corner - Wycliffe Dr and Wolcott Pl	
X	SW	Corner - Wycliffe Dr and Wolcott Pl	
X	565	Wycliffe Dr (Across from Address at Back Side of Strip Mall - East End at Driveway)	
X	565	Wycliffe Dr (Across from Address)	

