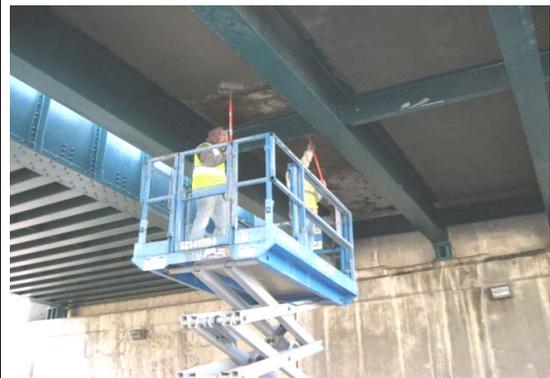


PPRTA PROJECTS AND PROGRAMS QUARTERLY UPDATE



Street Division – Residential Resurfacing



City Engineering - Waterproof membrane being applied to the El Paso Return Road Bridge



City Engineering - Proby Parkway



City Engineering – Woodmen Road Corridor

The Future of Transportation in Colorado Springs



PPRTA PROJECTS AND PROGRAMS QUARTERLY UPDATE

4th Quarter 2010

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

PPRTA Capital Project
Project Budget: \$29,937,754

Project Manager:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	<i>Mike Chaves, Acting Roadway Eng. Mgr.</i>	385-5408	mchaves@springsgov.com	City of Colorado Springs / Roadway Engineering

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 mobility per the East-West Mobility Study
- Reduce accidents and congestion at signalized intersections.
- 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:

- *The project team is working on the details of the preliminary design. The preliminary design is scheduled to be completed by May 2011.*



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>	

Funding Sources:	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012-2014	Project Total
PPRTA					\$ 595,600	\$ 1,104,400	\$ 200,000	\$ 28,037,754	\$ 29,937,754
Other (Explain):									\$ -
TOTAL					\$ 595,600	\$ 1,104,400	\$ 200,000	\$ 28,037,754	\$ 29,937,754

Expenditures as of December 31, 2010:

Design & Construction Management	\$848,067
Right-of-Way Acquisition	\$0
Construction	\$0
TOTAL	\$848,067

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

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



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

PPRTA Capital Project
Project Budget: \$55,440,114

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

Project Description: <ul style="list-style-type: none"> 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 (<i>in 2010 dollars</i>). 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: <ul style="list-style-type: none"> Construction has started for Phase I improvements between Academy Boulevard and Powers Boulevard. Local access improvements have been constructed as part of an Early Action project. Bridge and roadway construction is under way. Construction began in April 2010 and is 48% complete as of December 2010.
--



Bridge construction under way for interchange at Academy Boulevard



Ramp E Bridge girders being placed in December 2010

Project Schedule:	Consultant/Contractor	Status
Design: 2006-2009	URS	Complete
Right-of-Way: 2007-2009	TRS	Complete
Construction: 2010-2012	Ames Construction, Inc.	Construction of an early action project is complete. Early action utility duct bank complete. Notice to Proceed issued April 19, 2010 for main project.

Funding Sources:	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012	Project Total
PPRTA	\$ 109,111	\$ 604,316	\$ 2,069,187	\$ 6,661,483	\$ 7,806,456	\$ 16,455,384	\$ 19,322,083	\$ 2,412,094	\$ 55,440,114
Other (Explain):									\$ -
TOTAL	\$ 109,111	\$ 604,316	\$ 2,069,187	\$ 6,661,483	\$ 7,806,456	\$ 16,455,384	\$ 19,322,083	\$ 2,412,094	\$ 55,440,114

Expenditures as of December 31, 2010:	
Design & Construction Management	\$9,633,059
Right-of-Way Acquisition	\$8,299,193
Construction	\$15,608,249
TOTAL	\$33,540,501

Additional Comments: PPRTA budgets based on most recent PPRTA Capital Project List
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New and/or updated information is formatted above in bold italics



Hancock Avenue Bridge at Templeton Gap Floodway

PPRTA Capital Project
Project Budget: \$5,070,418

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

Project Description:

The proposed project is the replacement 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 replacement of the bridge is due to the load posting of the bridge and hydraulic problems related to the Templeton Gap Floodway.

Project Status:

The project team is currently working on the final design and acquisition of property.



PROJECT STATUS

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

Funding Source:	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012-2014	Project Total
PPRTA	\$ -	\$ -	\$ -	\$ -	\$ 42,854	\$ 1,157,146	\$ 496,616	\$ 3,373,802	\$ 5,070,418
CSU/Transit/Planning	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ 42,854	\$ 1,157,146	\$ 496,616	\$ 3,373,802	\$ 5,070,418

Expenditures as of December 31, 2010:	
Design & Construction Management	\$317,623
Right-of-Way Acquisition	\$11,316
Construction	
TOTAL	\$328,939

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

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



The preferred alignment of Hancock Avenue and the new Hancock Bridge over the Templeton Gap Floodway.



On-Street Bikeway Improvements

PPRTA Capital Program
Program Budget: \$1,136,617

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

Program 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.

Program Status:

Traffic Engineering staff has developed its 2010 bicycle transportation improvement projects program with a number of projects piggybacked to scheduled street resurfacing projects. Staff also has several projects under design for future construction.

- **Over seven centerline miles of new bicycle lanes were installed in 2010.**
- Staff continues to input bicycle facility sign locations (coordinates) into the Cartegraph traffic sign inventory (ongoing effort as additions/changes are made). Staff has also begun inputting pavement markings into the inventory (ongoing).
- Staff is assisting City Parks staff with the design of a Midland Trail connection on-street/on sidewalk between 21st Street and 25th Street. Staff participated in design consultant proposal review/selection and initial field meetings with consultant (Law & Mariotti). Draft plans for the improvements are expected in November 2010.
- PPRTA Bikeway Program field staff laid out new bicycle lanes on Airport Rd. (Apollo Circle to Troy Hill) and W. Woodmen Rd. (Centennial to Kittridge) for striping in Oct./Nov. 2010. **Hancock Avenue bike lanes were added from Columbine Boulevard to 4th Street in partnership with a Safe Routes to School grant.**



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 Schedule:	Consultant/Contractor	Status
Design: 3 months		
Right-of-Way: 8 months		
Construction: 4-6 months		

Funding Source:	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012-2014	Project Total
PPRTA	\$ -	\$ 27,911	\$ 30,232	\$ 102,790	\$ 75,823	\$ 279,760	\$ 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
TOTAL	\$ -	\$ 27,911	\$ 60,232	\$ 137,790	\$ 328,623	\$ 341,760	\$ 270,087	\$ 350,014	\$ 1,516,417

Additional Comments:

PPRTA budgets based on most recent PPRTA Capital Project List

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



Congestion/Incident Management Signal Improvements [ATTACHMENT A]

PPRTA Capital Program
Program Budget: \$2,653,672

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

Program Status:
2010 funding in the amount of \$258,565, together with partial funding from 2009 carryover and City Wide Safety and Traffic Operations, will provide for the traffic signal projects listed below.

- 8th/Ramona - Complete Rebuild (High). **Waiting for ROW--Construction Spring 2011.**
- 17th/Colorado Complete Rebuild (Medium) **Community outreach phase.**
- Del Monico/Rockrimmon S. - Complete Rebuild (High). **Scheduled March**
- Astrozon/Chelton Complete Rebuild (Medium) **Design at 30% with LSC.**
- Delta W/Hancock Complete Rebuild (Medium) **Design at 30% with PBSJ.**
- Nevada/Mountview Complete Rebuild (Medium) **Design at 30% with PBSJ.**



PPRTA crews mounting mast arms on signal poles



PPRTA crews installing signal heads on mast arms

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

Funding Source:	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012-2014	Program Total
PPRTA	\$ 302,325	\$ 95,228	\$ 99,415	\$ 407,374	\$ 105,730	\$ 441,993	\$ 258,565	\$ 943,042	\$ 2,653,672
Other (Explain)		\$ -							
TOTAL	\$ 302,325	\$ 95,228	\$ 99,415	\$ 407,374	\$ 105,730	\$ 441,993	\$ 258,565	\$ 943,042	\$ 2,653,672

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

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



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 \$604,503 is allocated for funding small projects in 2010. Project objectives include funding improvements that have the greatest cost/benefit impact to the traveling public. The following projects will be active in 2010 for study, design and construction:

- **8th Street & Arcturus Dr/Ramona Ave Realignment Project (Construction).** 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 included right-of-way acquisition and design work, which began in March 2008. Construction of the project is anticipated in *mid 2011*.



- Las Vegas/Royer - Railroad Crossing Improvement. A contract for a feasibility study for alternate crossing was issued 8/19/2010. Process will involve public involvement, coordination with Railroad, CDOT, CSU, El Paso County and other Agencies. Two alternatives will be finalized to present to PUC and Railroad. *Alternative analysis and public involvement continued through 2010. Alternative analysis anticipated to be complete by second quarter of 2011.*
- S Circle Dr & Server Dr Intersection Improvements - *This project consists of intersection improvements and installation of a new traffic signal at the intersection of S. Circle Dr. and Server Dr. The City is providing all of the traffic signal equipment and will file for cost recovery for reimbursement of the cost of this project from the adjacent developer. The project was bid in the fourth quarter of 2010, with construction planned for early 2011.*

Project:	Consultant/Contractor	Status
8th Street & Arcturus Dr/Ramona Ave:	Matrix Design Group	Pursuing Property Acquisition / Completing Final Design
S Circle Dr & Server Dr	PBS&J (Design)	Construction Contract out to Bid.
Las Vegas/Royer RR Crossing:	FHU	Alternate Crossing Feasibility Study

Funding Source:	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:

PPRTA budgets based on most recent PPRTA Capital Project List

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



Powers Boulevard Right-of-Way Protection/Acquisition

PPRTA Capital Project
Project Budget: \$6,105,091

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

Project Schedule:	Consultant/Contract	Status
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:		

Funding Source:	Funding thru 2005	2006	2007	2008	2009	2010	2011		Project Total
PPRTA	\$ 17,891	\$ 81,658	-	\$ 5,490,719	\$ 285,725	\$ 229,098			\$ 6,105,091
Other (Explain):									-
TOTAL	\$ 17,891	\$ 81,658	-	\$ 5,490,719	\$ 285,725	\$ 229,098	-	-	\$ 6,105,091

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

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



Vincent Drive Bridge and Vincent Drive Extension

PPRTA Capital Project
Project Budget: \$16,102,552

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

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

- Project Status:**
- Construction phasing will** build extension in 2010-2011 and **Vincent north of Dublin** portion in 2012.
 - Final design of Phase 2 is under way. Construction of Phase 1 is in progress.**



New storm sewer construction on south end of project



Utility relocations under way along North Nevada Avenue

Project Schedule:	Consultant/Contractor	Status
Design: 2008 - 2011	Core Engineering	Working on Phase 2 final design
Right-of-Way: 2008 - 2011	Transportation Resource Svcs.	Acquiring right of way and easements for Phase 2
Construction: 2010 - 2012	Blue Ridge Construction	Construction of Phase 1 started December 1, 2010

Funding Source:	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012	Project Total
PPRTA				\$ 316,117	\$ 1,625,582	\$ 9,468,872	\$ 612,931	\$ 4,079,052	\$ 16,102,554
TOTAL				\$ 316,117	\$ 1,625,582	\$ 9,468,872	\$ 612,931	\$ 4,079,052	\$ 16,102,554

Expenditures as of December 31, 2010:

Design & Const. Management	\$1,635,321
Right-of-Way Acquisition	\$1,849,918
Construction	\$139,605
TOTAL	\$3,624,843

Additional Comments:
PPRTA budget based on most recent PPRTA Capital Project List.

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



Woodmen Road Corridor Improvement Project

PPRTA Capital Project
Project Budget: \$104,995,943

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)

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.

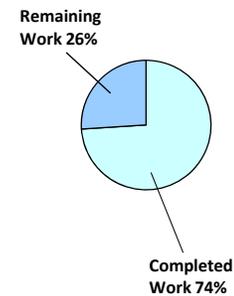
Project Status:

- Right-of-way acquisition and possession is in final stages and nearing completion.
- Construction began in September 2009.
- Construction contract is currently at **74%** complete.



Aerial views of the new Woodmen Road Bridge over Academy Boulevard. Traffic will be moved onto the new structure in March 2011.

Construction Project Status



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 in September 2009. Contractor selection and construction contract award were performed through a best value selection process.

Funding Source:	Funding thru 2005	2006	2007	2008	2009	2010	2011	2012	Project Total
PPRTA	\$ -	\$ 1,130,603	\$ 349,389	\$ 356,416	\$ 4,944,639	\$ 14,526,791	\$ -	\$ 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	\$ 31,818			\$ 35,031,818
TOTAL	\$ 12,839,400	\$ 3,831,653	\$ 3,944,389	\$ 3,169,416	\$ 7,930,639	\$ 18,770,791	\$ 4,619,000	\$ 14,858,837	\$ 104,995,943

PPRTA and City Fund Expenditure as of December 31, 2010

Design & Construction Management-RTA	\$4,685,347
Design & Construction Management-City*	\$9,008,640
Right-of-Way Acquisition - PPRTA	\$5,662,671
Right-of-Way Acquisition - City*	\$14,096,366
Construction - PPRTA	\$1,234,783
Construction - ARRA	\$28,581,413
TOTAL	\$63,269,219

URS assists the City in construction oversight, management, and FHWA coordination on all ARRA related items.

Additional Comments:

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



Annual Bridge Maintenance / Rehabilitation Program [ATTACHMENT C]

PPRTA Maintenance Program
Program Budget: \$13,840,033
(Through 2010)

Program 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

Project Description:

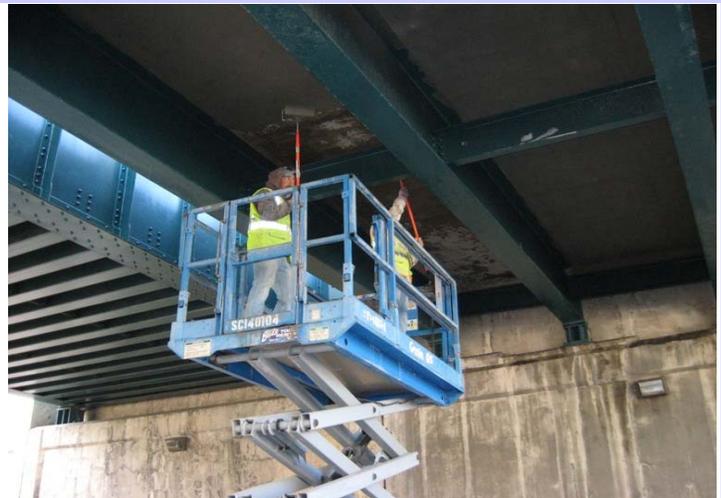
- Provide ongoing bridge repairs and maintenance to the City's 225 major bridge structures (greater than 20 feet in length) and 250+ minor bridge structures. Complete programmed repairs and safety improvements on major structures as outlined in the Colorado Department of Transportation (CDOT) Bridge Inventory and Inspection Reports and Minor Structure Inspection Reports.
- An asset management (inventory and inspection) program continues to be developed for major and minor structures.

Program Status:

- Awarded 2010 Repair Package 1.
- Circle Drive pier cap repair effort was started.
- Circle Drive engineering analysis and design **was completed**.
- Engineering analyses of El Paso over Platte Avenue **and Cache La Poudre over Monument Creek were completed**.
- Minor structure inspection project was completed.



Left: the deck integrity is tested on the Cache La Poudre Bridge over Monument Creek



Right: Waterproof membrane being applied on the El Paso Street Return Road over Platte Avenue

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

Funding Source:	Funding thru 2005	2006	2007	2008	2009	2010	2011	Project Total
PPRTA	\$ 1,272,899	\$ 2,443,747	\$ 2,595,579	\$ 1,625,432	\$ 1,579,377	\$ 2,681,437	\$ 1,666,665	\$ 13,865,136
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	\$ 1,579,377	\$ 2,681,437	\$ 1,666,665	\$ - \$ 15,506,697

Additional Comments:

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



Nevada Avenue Bridges over Van Buren Drainageway Rehabilitation

PPRTA Maintenance Project
Project Budget: \$1,350,000

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

Project Description:

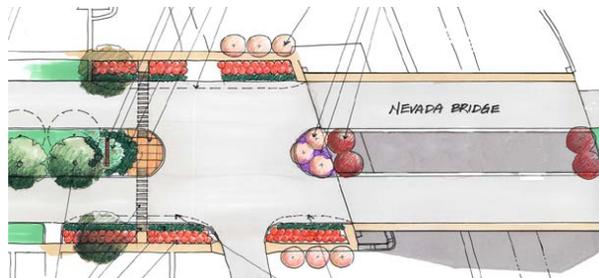
- The Nevada Avenue Bridge developed holes in the bridge deck on December 26, 2007 and December 22, 2009.
- The project will develop and implement a bridge deck rehabilitation strategy to extend the life of the structure approximately 20 years.

Project Status:

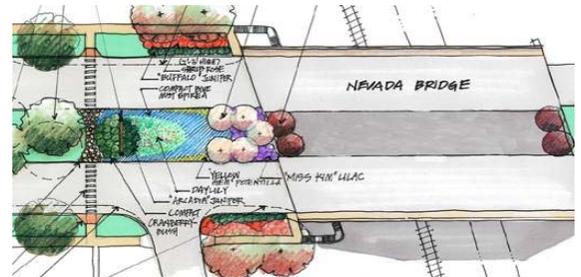
- Union Pacific Railroad agreement and PUC *extension* application in process.
- Construction easement acquisition is complete.
- Plan to begin construction in *spring/summer 2011*.



Additional steel plating being installed on southbound Nevada Avenue Bridge



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



Project Schedule:	Consultant/Contractor	Status
Design: N/A	LONCO	Completed
Right-of-Way: N/A	City/PPRTA	Temporary easement acquisitions complete.
Construction: TBD	TBD	Spring 2011

Funding Source:	Funding thru 2005	2006	2007	2008	2009	2010	2011	Project Total
PPRTA				\$ 141,334	\$ 90,735	\$ 867,930		\$ 1,099,999
CDOT				\$ 250,000				\$ 250,000
TOTAL				\$ 391,334	\$ 90,735	\$ 867,930	\$ -	\$ 1,349,999

Expenditures as of December 31, 2010:

Design	\$246,238
Right-of-Way Acquisition	\$7,744
Construction	\$0
TOTAL	\$253,982

Additional Comments:

PPRTA budgets based on most recent PPRTA Capital Project List

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



2010 Curb & Gutter/Sidewalk and Concrete/ADA Pedestrian Ramp Program [ATTACHMENT D]

PPRTA Maintenance Program
Program Budget: \$36,518,249
(Through 2010)

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

Program 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 to ensure compliance with City and PPRTA specifications and to enforce quality control.

- The Overlay Preparation Concrete Repair Program will be completed during the months of January - June, 2010. Additionally, \$70,000 from the concrete budget has been allocated to Wavecore Concrete to reduce sidewalk trip hazards, utilizing a diamond saw cutting technique to bring sidewalks into ADA compliance.
- A portion of the concrete budget is allocated to the On-Call Citizens Request Concrete Repair Program. This program addresses city-wide high-priority concrete repair needs, primarily in locations involving safety, high-volume pedestrian areas, schools, and hospitals (Priority 1 repairs). The remaining program resources focus on closing citizen repair requests in one grid per year.

ADA Pedestrian Ramps: This program contracts for retrofitting and construction of handicap ramps in advance of the annual resurfacing program, as well as in the city-wide contract addressing additional urgent needs and citizen requests.

Program Status:

- **Overlay Preparation Concrete Repair Program [ATTACHMENT D]:** Due to additional funding, three concrete contractors resumed the Overlay Preparation Concrete Program as Phase II in November 2010. The three contractors concentrated their work in designated areas for the 2011 Overlay Program. All three contractors spent combined over \$370,000 in Phase II.
- **On-Call Citizen Request Concrete Repair Program:** CMS and Blue Ridge continue to focus on citizens repair request in Grid 13 as part of the On-Call Concrete Program. The Trip Hazard Reduction program was rebid. The contract was awarded to Precision Concrete Cutting. Precision Concrete Cutting will work under the Overlay Prep Concrete Program, mitigating trip hazards in designated grids. In phase II the contractor will focus on easing trip hazards in Grid 13 and Grid 2. Grid 13 has been designated for On-Call work in 2011 and Grid 2 is scheduled for On-Call work in 2012.
- **ADA Pedestrian Ramps:** 284 pedestrian ramps have been completed January through December, 2010 by the combined concrete repair programs.



Left: Pouring a New Concrete Crosspan on Woodman Road



Right: Replacing the Concrete on Top of an Inlet Structure

Project Schedule:	Consultant/Contractor	Status
Project Mgmt.: 2010	Nolte Associates	Ongoing
Design: NA	NA	NA
Right-of-Way: NA	NA	NA
Construction: 2010	AA, Blue Ridge, CMS, Concrete Express, CTL Thompson, Even-Preisser, Noraa, Trax, Wavecore Concrete	Ongoing

Funding Source:	Funding thru 2005	2006	2007	2008	Amended 2009 Budget	Amended 2010 Budget*	2011	2012-2014	Project Total
PPRTA	\$ 5,000,000	\$ 5,543,516	\$ 6,181,213	\$ 6,524,407	\$ 6,061,111	\$ 6,635,113	\$ 5,257,137		\$ 41,202,497
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
TOTAL	\$ 5,354,000	\$ 6,109,522	\$ 6,418,681	\$ 6,624,407	\$ 6,061,111	\$ 6,635,113	\$ 5,257,137	\$ -	\$ 42,459,971

Additional Comments:

**Includes carryover from 2009, additional revenue and funding*

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



Incident Management/Signal Upgrades

PPRTA Maintenance Program
Program Budget: \$2,681,482 (Through 2010)

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

Program Status:

- Replace aging controller assemblies and conflict monitors for improved intersection operation and safety (***418 installed to date. Remaining controllers to be assembled and installed***)
- Replace small traffic signal cabinets to allow the addition of a current monitor for improved operation and safety (***28 of 32 installed to date***)
- Install traffic signal back plates at mast arm intersections to improve target value of traffic signal heads (***Project completed***)

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



Project Schedule:	Consultant/Contractor	Status
Design: N/A	N/A	
Right-of-Way: N/A	N/A	
Construction: Jan. - Dec. 2010	N/A	

Funding Source:	Funding thru 2005	2006	2007	2008	2009	2010	2011		Project Total
PPRTA	\$ 400,000	\$ 437,186	\$ 450,036	\$ 438,616	\$ 561,191	\$ 394,453	\$ 333,333		\$ 3,014,815
TOTAL	\$ 400,000	\$ 437,186	\$ 450,036	\$ 438,616	\$ 561,191	\$ 394,453	\$ 333,333	\$ -	\$ 3,014,815

Additional Comments:

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



Citywide Safety and Traffic Operations

PPRTA Maintenance Program
Program Budget: \$17,525,125
(Through 2010)

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

Program 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 2010, 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. **Upgraded street name signs to meet federally mandated font size and retroreflectivity standards at 1,253 locations YTD**
- School Legends - **Installed 517 "School" pavement legends in 2010.**
- School/Pedestrian Crosswalk Installations - **Installed or replaced 530 crosswalks in 2010.**
- Pavement Markings - **794 miles of longline paint striping and 494 miles of contract applied epoxy longline striping in 2010.**

Specific 2010 projects include:

- Arcturus/8th Street/Ramona - Realignment Project (Design). 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 efforts were re-initiated in late March 2010. This process was delayed due to environmental issues with one of the parcels to be acquired.~~ **Acquisition efforts continued through the end of 2010. Construction is anticipated for mid-2011.**
- 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 continued in early 2010, but due to budget constraints, construction is not anticipated until 2011. **Construction is planned for first quarter of 2011.**

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

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	\$ 2,999,996		\$ 19,225,121
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
TOTAL	\$ 2,650,000	\$ 2,798,241	\$ 3,102,500	\$ 3,109,137	\$ 2,965,247	\$ 2,900,000	\$ 2,999,996	\$ -	\$ 20,525,121

Additional Comments:

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



Roadway Maintenance Program

PPRTA Maintenance Program
 Program Budget: \$41,337,672 (Through 2010)

Program 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

Program 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. The program will use Traditional Dense-Graded Asphalt, Chip Seal, and PFC TBTRA (Permeable Friction Course Terminally Blended Tire Rubber Asphalt) in conjunction with aggregate from various sources and with differing hardness ratings.
- **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 a minimal amount of emergency grading and general maintenance of alleys.
- **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.

Program Status:

- **Contract Resurfacing Program [ATTACHMENT D]**
 - **Chip Seal Program:** 2010 Chip Seal Program was completed in August. The 2010 Chip Seal Program was divided into two phases. During the first phase the contractor A-1 Chip Seal placed a regular single chip in designated areas. In phase two the contractor placed double chip as resurfacing treatment in designated areas. A-1 Chip Seal used slag as aggregate in both phases. Slag is a by-product of the steel making process and comes from a local plant in Pueblo, CO and is 100% recycled material.
 - **Overlay Program:** PPRTA collaborated with City Engineering on two resurfacing projects, which were completed in December 2010. The first project entailed milling and overlaying Hancock Avenue between 4th Street and Columbine Blvd. The second project, LaFarge milled and overlaid Mesa Drive west of Monument Creek as well as the Monument Creek Bridge. The contractor placed a membrane onto the bridge deck to prolong the lifespan of the bridge. Two PPRTA inspectors ensured quality control and resolved field issues on site. The additional cost for the two projects were covered by City Engineering funding.
- **Pothole Patching [ATTACHMENT E].**
 The Pothole Patching Program is a year-round, city-wide operation. One (1) PPRTA and two (2) City crews work together to repair minor road damage, patch potholes, and apply crack seal to Colorado Springs' roadways. **The total number of potholes patched by PPRTA and city crews January through December 2010 is 25,249.**



Placing a protective membrane prior to paving the Monument Creek Bridge deck



Paving the bridge deck

Project Schedule:	Consultant/Contractor	Status
Project Mgmt.: 2010	Nolte	Ongoing
Design: N/A	N/A	N/A
Right-of-Way: N/A	N/A	N/A
Construction: 2010	LaFarge North America, Inc and A-1 Chip Seal	Chip Seal Program Phase I and II are completed Overlay Program was completed in December 2010

Funding Source:	Funding thru 2005	2006	2007	2008	Amended 2009 Budget*	Amended 2010 Budget*	2011	Project Total
PPRTA	\$ 6,500,000	\$ 7,222,310	\$ 7,862,106	\$ 7,162,655	\$ 6,872,431	\$ 6,382,103	\$ 6,242,849	\$ 48,244,454
TOTAL	\$ 6,500,000	\$ 7,222,310	\$ 7,862,106	\$ 7,162,655	\$ 6,872,431	\$ 6,382,103	\$ 6,242,849	\$ - \$ 48,244,454

Additional Comments:

**Includes carryover from 2009, additional revenue and funding*

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



Hazard Elimination and Safety (HES) Program (FY 2005-2010)

Project Managers:	Name / Title	Phone No.	E-Mail Address	Lead Agency
	Dan Krueger, Sr. Civil Engineer	385-5385	dkrueger@springsgov.com	City of Colorado Springs / Roadway Engineering
	Mike Chaves, Acting Roadway Engineering Manager	385-5408	mchaves@springsgov.com	City of Colorado Springs / Roadway Engineering

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.

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2. Airport Road & Powers Boulevard (Grant Funds = \$250,000): Existing southbound left turn lanes will be lengthened.
3. Platte Avenue from Union to Hancock (Grant Funds = \$360,000): Project initiated to address high number of accidents in this section of Platte Ave where no center median or turn lanes exist. .

Project Status:

2. Airport Road & Powers Boulevard. *Final design in review, requesting clearances from CDOT. Construction to begin late 2010/early 2011.*
3. 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 are complete, with acquisitions continuing through 2010. Construction planned for early **to mid** 2011.



The Platte Avenue project runs from Hancock to Union Boulevard



Powers Boulevard at Airport Road

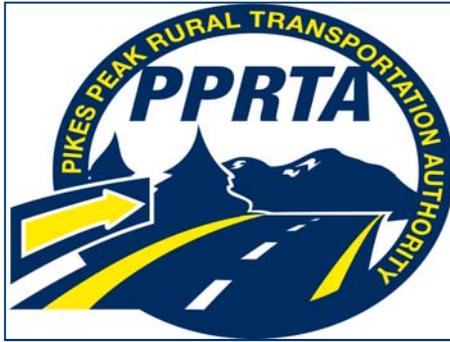
Project Schedule:	Consultant/Contractor	Status
Design: 2007 Projects	N/A	<i>Under Way</i>
Right-of-Way:		
Construction:		

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		\$ 1,493,591
City-HES Grant	\$ 237,000	\$ 225,000	\$ 520,000			\$ 368,853			\$ 1,350,853
TOTAL	\$ 263,092	\$ 576,560	\$ 623,190	\$ -	\$ 1,012,749	\$ 368,853	\$ -	\$ -	\$ 2,844,444

Additional Comments:

* Amended 2009 Maintenance 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



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 02/07/11

RTA - Work Plan Signal Back Plates, Cabinet replacements

Location--	Back Plates
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

29th/Colorado	Completed-March
Back plate installation Project completed	

Location--	Controller Cabinet Upgrades
Chelton/Palmer Park	Completed-May 09
Dublin/Powers	Completed-May 09
Dublin/Union	Completed-September 09
Chelton/Fountain	Completed-September 09
Institute/Pikes Peak	Completed-December 09
Lemhberg/Palmer Park	Completed-January 2010
29th/Colorado	Completed-March
Elpaso / Fillmore	Completed-April
Allegheny-Slit Rock	Completed-June
Anaconda-Rockrimmon	Completed-June
Delmonico-Rockrimmon (North)	Completed-June
Cascade/2800 N.	Completed-June
1700 N Weber	Completed-June
Van Buren/1000 East	Completed-June
2300 W. Colorado	Completed-June
Carefree Circle N./Homestead Tr.	Completed-July
Barnes/Homestead Tr.	Completed-July
Cache La Poudre/1900 E.	Completed-July
Carefree Cir S/Enchanted	Completed-August
Lexington/10210 N	Completed-August
Lexington/7501 N	Completed-August
Maizeland 3300 E	Completed-August
Uintah/900 E	Completed-August
Chestnut/2515 N	Completed-August
Chelton/2500 S	Completed-August
Chelton/2200 S	Completed-August
Chelton/1300 N	Completed-August
Chelton/between Saratoga-Shenandoah	Completed-August
Hancock/Moreno/Rio Grand	
Palmer Park/4400 E	
Pikes Peak 900 W	
Briargate 2300 E	



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 2011 02/02/11

Fund	Location	Description	Construction Year	Status	Est./Final Cost	Consultant	Work Start / End Schedule	Notes
53M	8th & Arcturus	Realign intersection to correct offset Modify East and West Bound Left Turn Lanes	2011	Final Design/ Acquisition	\$240,000	Matrix	Mid 2011 Design 2010/Construction 2011	Plan to realign Arcturus approaches @ 8th St. - Flow Improvement
55M	Hwy 24 & 26th St Realignment		2011	Final Design	\$60,000	PBS & J		
39 M	Sierra Madre / Union RR quiet zone	Safety improvements to crossing at Sierra Madre. Perm Closure of crossing at Las Anim		On Hold	\$350,000	PBS & J		Safety & Noise Reduction Improvements
4 C	LasVegas / Royer RR crossing	Feasibility Study for Alternate Crossing Locations	2011/2012	Study	\$1,500,000	Drexel/FHU	Study 2010-2011	RFP for analysis of alternate crossing locations issued to FHU
38 M	Platte corridor lane improvements	Study / design alternatives for high accident section	2011	Final Design	\$656,000	JR Engineering	Design 2009/Const 2011	Project Funding is \$360,000 HES, \$40,000 Match, \$256,644 PPRTA
45C	Airport Rd / Powers	Intersection redesign (City Engineering)	2011	Prelim Design	\$150,000	Drexel	2011	



PPRTA/ Colorado Springs Bridge Maintenance Program December 2010

Bridge Program Status and Financial Overview

2010 Program Status Summary

2010 Bridge Maintenance Program Budget		Spent as of Dec 30, 2010	Status
Bridge Repair and Maintenance	\$ 1,481,437	\$ 767,179	In Progress
Inspection Program	\$ 200,000	\$ 147,955	In Progress
Bridge Evaluation and Engineering	\$ 125,000	\$ 183,709	In Progress
Circle Drive Bridges	\$ 500,000	\$ 543,921	In Progress
Emergency Bridge Repair	\$ 100,000	\$ -	As Required
Bridge Maintenance Expenses	\$ 25,000	\$ 14,562	In Progress
Program Support	\$ 250,000	\$ 208,222	In Progress
2010 Bridge Maintenance Totals	\$ 2,681,437	\$ 1,865,548	

* 2010 budget reflects amended 2010 budget

Targeted Program Goals for 2010:

- ✓ Circle Drive Bridge repair package 1
- Construction on North Nevada Bridge Rehabilitation
- ✓ 1 bridge repair and maintenance package
- ✓ Minor structure inspections
- ✓ Cartegraph prioritization and reporting
- ✓ Engineering studies and conceptual designs for multiple bridge conditions
- ✓ Utilize a master guardrail contract for repairs
- ✓ El Paso/Return Road/Platte Avenue Bridge evaluation
- ✓ Cache La Poudre over Monument Creek bridge evaluation

2010 Budget Status



2010 Phase 1 Construction Package

Alco Construction - \$116,685

The City rehabilitated the Columbia Road box culvert. Construction included removal and replacement of the concrete lid and reconstruction of the inlets. Substantial sediment was removed to increase the capacity of the box culvert.



PPRTA/ Colorado Springs Bridge Maintenance Program December 2010

Minor Bridge Inspection Project Kleinfelder - \$264,580

The City of Colorado Springs completed an inspection and maintenance needs evaluation of its minor structures. This is the first comprehensive effort to inspect the minor structures since 1995. The project will provide the necessary information to effectively manage these bridges.

Cache La Poudre over Monument Creek

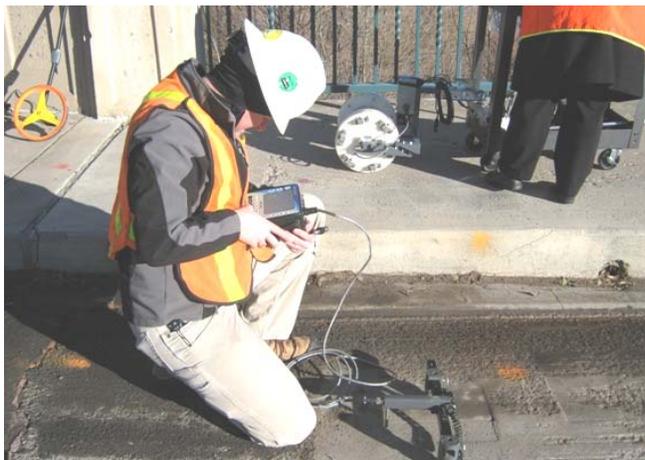
The City is conducting an engineering evaluation of this bridge due to concerns about the bridge deck remaining life. This evaluation has confirmed this concern by establishing the fact that extensive deterioration exists in the deck. A waterproof membrane was installed in an attempt to slow the deterioration of the concrete deck.

Planning a rehabilitation program is under way



Left: a rebar scanner is used on the Cache La Poudre Bridge abutment to determine the type and location of reinforcing steel.

Below: the deck integrity is examined using spectral analysis of surface waves method.



Circle Drive Bridges

The City began an extensive rehabilitation, planning, and implementation project in 2009. This project is focused on extending the life of four large bridges over Fountain Creek, Las Vegas Street, railroad and Hancock Avenue. A construction project to complete these repairs has been suspended due to temperatures and will restart in April 2011. Planning continues for constructing the remaining rehabilitation needs.



PPRTA / STREET Division Quarterly Report
Roadway Maintenance and Concrete Repair Programs
4th Quarter (October - December 2010)



RTA Roadway Maintenance Program	Original 2010 Budget	Modified 2010 Budget*	Spent 1st Qtr	Spent 2nd Qtr	Spent 3rd Qtr	Spent 4th Qtr	Spent to Date	% Spent	Status
Overlay Program	\$ 2,600,716	\$ 2,819,813	\$ 67,222		\$ 1,560,623	\$ 1,128,462	\$ 2,756,308	106%	Completed
Chip Seal Program (Phase I + II)	\$ 500,000	\$ 1,215,357		\$ 751,176	\$ 439,699	\$ 23,142	\$ 1,214,016	243%	Completed
Pothole Program	\$ 592,531	\$ 668,131	\$ 275,833	\$ 140,128	\$ 77,574	\$ 174,486	\$ 668,022	113%	Completed
City Materials purchased through contracted suppliers	\$ 1,300,000	\$ 861,482	\$ 21,530	\$ 309,756	\$ 269,300	\$ 100,828	\$ 701,413	54%	Completed
Program Support Functions	\$ 362,586	\$ 391,075	\$ 41,328	\$ 10,931	\$ 91,021	\$ 194,817	\$ 338,098	93%	Completed
Program Management	\$ 344,167	\$ 426,246			\$ 210,831	\$ 193,999	\$ 404,830	118%	Completed
Roadway Maintenance Budget	\$ 5,700,000	\$ 6,382,103	\$ 405,914	\$ 1,211,991	\$ 2,649,048	\$ 1,815,735	\$ 6,082,687	107%	% spent against Original Budget

RTA Curb, Gutter & Sidewalk	Original 2010 Budget	Modified 2010 Budget*	Spent 1st Qtr	Spent 2nd Qtr	Spent 3rd Qtr	Spent 4th Qtr	Spent to Date	% Spent	Status
Concrete: Curb, Gutter, Sidewalks	\$ 4,351,504	\$ 5,898,243	\$ 1,701,045	\$ 2,916,977	\$ 324,541	\$ 578,612	\$ 5,521,174	127%	Completed
Program Support Functions	\$ 366,663	\$ 337,040	\$ 96,031	\$ 166,194	\$ 57,621	\$ 12,762	\$ 332,607	91%	Completed
Program Management	\$ 481,833	\$ 399,829	\$ 198,875	\$ 200,955			\$ 399,829	83%	Completed
Concrete Maintenance Budget	\$ 5,200,000	\$ 6,635,113	\$ 1,995,950	\$ 3,284,126	\$ 382,162	\$ 591,373	\$ 6,253,611	120%	% spent against Original Budget

Combined 2010 Budgets	\$ 10,900,000	\$ 13,017,216	\$ 2,401,864	\$ 4,496,116	\$ 3,031,210	\$ 2,407,108	\$ 12,336,298	113%	% spent against Original Budget
Portion allocated to ADA Pedestrian Ramps	\$ 936,000	\$ 1,194,320	\$ 227,332	\$ 420,443	\$ 37,570	\$ 101,714	\$ 787,059	84%	% spent against Original Budget

* Modified Budgets Includes 2009 carryover, additional revenue and funding

Program Statistics - Roadway Maintenance and Concrete Repair Programs - 4th Quarter (October - December 2010)

RTA Concrete Repair Program	Comments	1st Qtr Stats	2nd Qtr Stats	3rd Qtr Stats	4th Qtr Stats	Total Stats	Status
Installed Curb and Gutter (Lft)	Quantities represent a combination of Overlay Prep - and On-Call Concrete Repair Program completed work in designated areas. Statistics include work completed using funding from the PPRTA and other funding sources	25,011	40,281	4,274	7,134	76,700	Overlay Prep Concrete Repairs Phase I and II completed; On-Call Concrete Repairs completed
Miles of Curb and Gutter		4.74	7.63	0.81	1.35	14.53	
Installed 4 ft Sidewalk (SqFt)		32,385	63,180	12,703	4920	113,188	
Miles of Sidewalk		1.54	2.99	0.61	0.25	5.39	
Number of New Ped Ramps		52	77	28	46	203	
Number of Retrofitted Ped Ramps		16	53	2	10	81	
Number of Cross Pans		16	39	2	14	70	
Trip Hazard Reduction Program	Number of Cuts	95	115	1178	130	1518	Completed

RTA Resurfacing Program	Comments	1st Qtr Stats	2nd Qtr Stats	3rd Qtr Stats	4th Qtr Stats	Total Stats	Status
Chip Seal Program (Sy Yd)	Programs used slag as aggregate Layers: (Phase I: single; Phase II: dble)		343,950	80,518		424,468	Phase I + II Completed
Lane Miles of Chip Seal			53.30	12.48		65.78	
Overlay Program (Tons)	Program statistics include joint projects with City Engineering			20,621	14,504	35,125	Completed
Lane Miles of Overlay				24.80	16.84	41.64	
Pothole Program	RTA & 2 city crews assisting; includes pothole patching and minor road repairs	7,416	9,957	4,400	3,476	25,249	Completed

2010 PPRTA Program Planning and Implementation

- Due to additional funding, three concrete contractors resumed the Overlay Preparation Concrete Program as Phase II in November 2010. The three contractors concentrated their work in designated areas for the 2011 Overlay Program and spent over \$370,000 combined in Phase II. PPRTA finalized the planning for the 2011 concrete program. All seven concrete contracts were extended for a one-year option period, using with new rates for 2011. The new 2011 unit pricing was reviewed upon receipt, and some items were questioned due to increases. With the help of the Purchasing Department, a justification was requested from the local concrete contractors. Only after the 2011 unit pricing was revised by several contractors, were change orders issued for the new grid assignments. The three concrete contractors that worked in Phase II, recommenced work in their designated areas the first week in January 2011. The remaining four contractors will start their work later in January 2011, following the concrete program kick off meeting. Noraa and Concrete Express will join Trax Construction, AA Construction and Even Preisser in the Overlay Preparation Concrete Program. CMS and Blue Ridge will continue to focus on citizens repair requests in Grid 13 as part of the On-Call Concrete Program. The Trip Hazard Reduction program has been rebid. The contract was awarded to Precision Concrete Cutting. The initial contract dollar amount for Precision Concrete Cutting is \$27,880. The contract is split into two phases. During Phase I, Precision Concrete Cutting will work under the Overlay Prep Concrete Program, mitigating trip hazards in designated grids. In Phase II, the contractor will focus on easing trip hazards in Grid 13 and Grid 2. Grid 13 has been designated for On-Call work in 2011 and Grid 2 is scheduled for On-Call work in 2012.
- PPRTA completed the 2011 budget and program planning. The field inspectors collected field data for the overlay, chip seal and concrete programs. Takeoffs, along with new contractor pricing, determine the cost of the new grid assignments for the concrete and overlay, as well as for chip seal. PPRTA updated and printed the contractor and inspector manuals, along with producing the new concrete books and maps for contractors, inspectors and the testing team. These materials serve as communication tools to reduce ambiguity and resolve issues in the field. PPRTA updated all spreadsheets, databases and reports in preparation for 2011. PPRTA also focused on the year end close out of 2010. The close out includes the financial reconciliation of all programs, updating the Dashboard Report, generating the 4th Quarter Report, and creating the 2010 Year End Report.
- PPRTA collaborated with City Engineering on two resurfacing projects, which were completed in December 2010. The first project entailed the milling and overlaying of Hancock Avenue between 4th Street and Columbine Blvd. In the second project, LaFarge milled and overlaid Mesa Drive west of Monument Creek, as well as resurfacing the Monument Creek Bridge deck. Both projects used Warm Mix, saving production energy. Prior to paving, the contractor placed a membrane on the bridge deck to prolong the lifespan of the bridge. Two PPRTA inspectors ensured quality control and resolved field issues on site. The additional cost for the two projects were covered by City Engineering funding.
- In November, PPRTA staff submitted the final invoice to the Colorado Department of Public Health and Environment (CDPHE) requesting reimbursement for the Advanced Technology Grant (ATG). The grant was for the 2010 TBTRA sound study, road surface analysis, and materials testing. Hankard Environmental and Research International completed their studies of TBTRA and submitted final reports to PPRTA. PPRTA reviewed the reports and summarized their TBTRA research results on the City Website. PPRTA will capture the report findings and submit a final grant summary report to the CDPHE in February 2011.
- The Concrete Database has been updated to now include Pre-Overlay Concrete Repair Program data and On-Call Concrete Repair Program data from 2008 - 2010.

On-Going 2010 Program Management and Street Division Support

- Manage the PPRTA program budget, including planning, costing, 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.
- PPRTA staff continues to look for process improvements and cost saving opportunities; i.e. develop and modify reports, spreadsheets, forms, and binders to improve tracking and documentation for PPRTA programs and accomplishments.
- Provide on-going financial, statistical, field data, and special reports to R. Sonnenburg and other PPRTA/City staff. Aid Street Division Managers by creating PowerPoint presentations for CAC, PPRTA Board, and City Council. Circulated the 3rd Quarter PPRTA Report and the Quarterly On-Call Open Request Report updates to Council.
- Provide on-going support to the Street Division Managers including: planning, cost calculations, program history, financial updates, presentation assistance, and other support as requested.
- Respond to internal and external inquiries regarding issues and questions arising from PPRTA work. Coordinate responses between city, contractors, inspectors, and homeowners.



2010 Completed Overlay Program Street List



GRID 1					
Grid 01-04-A	RTA-OL/C		Woodmen Road		
Project #	Thickness	Mix	Street Name	From	To
1230-10	2.5"	S 64-28	Woodmen Road	Woodmen Road	Corporate Drive

GRID 4					
Grid 04-04-R	RTA-OL/C		Wycliffe Dr	(Warm Mix)	
Project #	Thickness	Mix	Street Name	From	To
1000-10	2"	SX 64-22	Wycliffe Drive	Star Ranch Road	Broadmoor Bluffs Drive
1005-10	2"	SX 64-22	Becket Drive	Wycliffe Drive	Broadmoor Bluffs Drive
1010-10	2"	SX 64-22	Wembleton Place	Becket Drive	Cul-de-Sac End
1015-10	2"	SX 64-22	Enfield Place	Becket Drive	Cul-de-Sac End
1020-10	2"	SX 64-22	Wolcott Place	Wycliffe Drive	Stonehaven Drive
1025-10	2"	SX 64-22	Stonehaven Drive	Wycliffe Drive	Wycliffe Drive
1030-10	2"	SX 64-22	Hempstead Place	Wolcott Place	Cul-de-Sac End
1035-10	2"	SX 64-22	Stepney Court	Stonehaven Drive	Cul-de-Sac End
1040-10	2"	SX 64-22	Edinburgh Court	Stonehaven Drive	Cul-de-Sac End
1045-10	2"	SX 64-22	Cromwell Court	Stonehaven Drive	Cul-de-Sac End

GRID 5					
Grid 05-01-A	RTA-OL		Voyager Pkwy	Test Section Slag Aggregate (TBTRA)	
Project #	Thickness	Mix	Street Name	From	To
1236-10	1"	3/8" SLAG	S.B. Voyager Pkwy	S. side of Ridgeline Drive Intersection	1000' South Bound Voyager Pkwy

Grid 05-02-A	RTA-OL		Voyager Pkwy	Test Section Front Range Aggregate (TBTRA)	
Project #	Thickness	Mix	Street Name	From	To
1235-10	1"	3/8" Granit	N.B. Voyager Pkwy	N. side of Jet Stream Drive Intersection	890' North Bound Voyager Pkwy

GRID 7					
Grid 07-01-A	RTA-OL		Academy Blvd.		
Project #	Thickness	Aggregate	Street Name	From	To
1050-10	3"	S 64-28	Academy Blvd.	S. of Dublin Blvd Intersection	S. of Vickers Drive Intersection

Grid 11					
Grid 11-07-R	RTA-OL/C		Del Rey Drive	(Warm Mix)	
Project #	Thickness	Mix	Street Name	From	To
1115-10	2"	SX 64-22	Del Rey Drive	S of 5860 Del Rey Road	Flintridge Drive
1120-10	2"	SX 64-22	Roche Drive North	Garmish Road	Roche Drive South
1125-10	2"	SX 64-22	Roche Drive South	Garmish Road	Roche Drive North
1135-10	2"	SX 64-22	Sapporo Drive	Del Rey Drive	Flintridge Drive
1140-10	2"	SX 64-22	Sapporo Court	Sapporo Drive	Dead End East
1145-10	2"	SX 64-22	Sapporo Place	Sapporo Drive	Dead End East
1150-10	2"	SX 64-22	Oslo Court	Vickers Drive	Dead End North
1155-10	2"	SX 64-22	Eldora Drive	Vickers Drive	Del Paz Drive
1160-10	2"	SX 64-22	Eldora Lane	Eldora Drive	Del Rey Drive
1165-10	2"	SX 64-22	Del Paz Drive	Vickers Drive	Flintridge Drive
1170-10	2"	SX 64-22	Bell Mountain Drive	Vickers Drive	Flintridge Drive
1175-10	2"	SX 64-22	Red Onion Way	Vickers Drive	Vickers Drive
1180-10	2"	SX 64-22	Wolf Creek Place	Bell Mountain Drive	Dead End East
1185-10	2"	SX 64-22	Vickers Drive	Vickers Drive	Dead End North

Grid 11-08-A	RTA-OL/C		Academy Blvd		
Project #	Thickness	Mix	Street Name	From	To
1190-10	3"	S 64-28	Academy Blvd	Montebello Drive	Austin Bluffs Intersection

GRID 12

Grid 12-06-A	RTA-OL/C		American Drive		
Project #	Thickness	Mix	Street Name	From	To
1195-10	2"	S 64-22	American Drive	Austin Bluffs Parkway	Academy Blvd

Grid 12-07-A	RTA-OL/C		N. Carefree Circle		
Project #	Thickness	Mix	Street Name	From	To
1200-10	2"	S 64-22	Carefree Circle North	Van Teylingen Drive	Academy Blvd

Grid 12-10-A	RTA-OL/C		Circle Drive		
Project #	Thickness	Mix	Street Name	From	To
1225-10	2"	S 64-28	Circle Drive	Palmer Park	Galley Road

GRID 13

Grid 13-09-A	RTA-OL/C		Bijou Street		
Project #	Thickness	Mix	Street Name	From	To
1205-10	2"	S 64-28	Bijou Street	Union Blvd	Circle Drive

Grid 13-10-A	RTA-OL/C		Bijou Street		
Project #	Thickness	Mix	Street Name	From	To
1240-10	2"	S 64-28	Bijou Street	Circle Drive	Chelton Road

Joint Projects

Grid 8	RTA-OL		Mesa Drive	(Warm Mix)	
Project #	Thickness	Mix	Street Name	From	To
Special	2"	SX 64-22	Mesa Drive	Rail Road Tracks	West of Monument Creek Bridge

Grid 8	RTA-OL		Hancock Avenue	(Warm Mix)	
Project #	Thickness	Mix	Street Name	From	To
Special	2"	SX 64-22	Hancock Avenue	Fourth Street	Columbine Blvd

Traditional Overlay w/o TBTRA and Warm Mix	
Total Lane Miles:	25.82
Total Square Yards:	166,641
Total Tons:	23,899

TBTRA ONLY	
Total Lane Miles:	1.17
Total Square Yards:	7,565
Total Tons:	375

Warm Mix	
Total Lane Miles:	14.65
Total Square Yards:	94,530
Total Tons:	10,851

Total of all Resurfacing Treatments	
Total Lane Miles:	41.64
Total Square Yards:	268,736
Total Tons:	35,125



PPRTA Concrete Work Areas - 4th Quarter 2010

Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
Grid 01-11-A											
Woodmen Rd											
305	Across from		Woodmen Rd			x					Westbound Woodmen
	Westbound		Woodmen Rd			x					50' South of Chapel Ln
	Westbound		Woodmen Rd			x					100' South of Chapel Ln
	Westbound		Woodmen Rd			x					Across from intersection at Raven Hills Rd
	Westbound		Woodmen Rd			x					Southside of intersection at Raven
	Westbound		Woodmen Rd			x					70' South of Raven Hills Rd
Grid 01-12-A											
Woodmen Rd											
			Woodmen Rd			x					60' West of Cedar Valley Ln - 4 areas
			Woodmen Rd			x					60' East of Orchard Valley Rd
			Woodmen Rd			x					150' East of Orchard Valley Rd
	Corner	NW	Woodmen Rd		Cedar Valley Ln	x					
	Intersection	W	Woodmen Rd		Cedar Valley Ln	x				x	
	Corner	SE	Woodmen Rd		Orchard Valley Rd	x					
	Corner	SW	Woodmen Rd		Orchard Valley Rd	x					2 areas
	Intersection		Woodmen Rd		Orchard Valley Rd	x					Northside of intersection - 2 areas
Grid 07-04-A											
N Academy Blvd											
5125		N	Academy Blvd			x	x				
Grid 08-R On-Call											
Columbia St and Nevada Ave											
	Median		Columbia St		Nevada Ave	x	x				
	Corner	NE	Columbia St		Nevada Ave	x	x	x			
	Corner	NW	Columbia St		Nevada Ave	x	x	x			
	Corner	SE	Columbia St		Nevada Ave	x	x	x			
	Corner	SW	Columbia St		Nevada Ave	x	x	x			
Grid 10-R On-Call											
Contrails Dr											
8445			Contrails Dr			x	x	x			Bump Out
Grid 10-R On-Call											



PPRTA Concrete Work Areas - 4th Quarter 2010

Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
Contraills Dr											
8475			Contraills Dr			x	x	x			Bump out
	Corner	NE	Contraills Dr		Blue Sky Dr	x	x	x			
	Corner	NW	Contraills Dr		Blue Sky Dr	x	x	x			
	Corner	NW	Contraills Dr		Ilex Dr	x	x		x		
	Corner	NW	Contraills Dr		Rain Dance Ct	x	x	x			
	Corner	SW	Contraills Dr		Rain Dance Ct	x	x		x		
	Corner	NW	Contraills Dr		Salsifa Ter	x	x		x		
	Corner	NE	Contraills Dr		Stratus Dr	x	x	x			
	Corner	NW	Contraills Dr		Stratus Dr	x	x	x			
	Corner	SE	Contraills Dr		Stratus Dr	x	x	x			
	Corner	SW	Contraills Dr		Stratus Dr	x	x	x			
	Intersection		Contraills Dr		Stratus Dr					x	
	Corner	NE	Contraills Dr		Thunder Cloud Dr	x	x	x			
	Corner	NW	Contraills Dr		Thunder Cloud Dr	x	x	x			
	Corner	SW	Contraills Dr		Thunder Cloud Dr	x	x	x			
	Intersection		Contraills Dr		Thunder Cloud Dr					x	
Grid 10-05-A											
Briargate Blvd											
3455-3475			Briargate Blvd			x	x				Lexington side driveway
Hartsel Dr											
3525			Hartsel Dr			x					
Lexington Dr											
7555			Lexington Dr			x					Next to open space
			Lexington Dr			x					100' North of Randall
	Intersection		Lexington Dr		Randall Dr	x				x	
	Intersection		Lexington Dr		Randall Dr	x	x				North of Intersection
Grid 11-9-A											
Banjo Dr											
3195	Side Yard		Banjo Dr			x					On Flintridge Dr
3790			Banjo Dr			x					
Del Paz Ct											
6113			Del Paz Ct			x	x				
Downhill Dr											
3170	Side Yard		Downhill Dr				x				On Flintridge Dr
Flintridge Dr											
5905			Flintridge Dr			x					
Grid 11-9-A											
Flintridge Dr											



PPRTA Concrete Work Areas - 4th Quarter 2010

Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crosspan	Notes
5987			Flintridge Dr			x					
6003			Flintridge Dr			x					
6005			Flintridge Dr			x					
6005-6021	Median		Flintridge Dr			x					Eastside of eyebrow median
6007			Flintridge Dr			x					
6025			Flintridge Dr			x				x	
6085			Flintridge Dr			x					
6105			Flintridge Dr			x					
6115			Flintridge Dr			x					
6125			Flintridge Dr			x	x				
	Intersection		Flintridge Dr		Banjo Dr	x				x	
	Corner	NE	Flintridge Dr		Copper Mountain Dr		x	x			
	Corner	SE	Flintridge Dr		Copper Mountain Dr	x	x	x			
	Intersection		Flintridge Dr		Copper Mountain Dr	x				x	
	Intersection		Flintridge Dr		Del Paz Ct					x	
	Corner	NE	Flintridge Dr		Del Paz Dr	x	x	x			
	Corner	NW	Flintridge Dr		Downhill Dr	x	x	x			
	Intersection		Flintridge Dr		Downhill Dr					x	
	Corner	NW	Flintridge Dr		Dublin Blvd	x					
	Corner	SE	Flintridge Dr		Dublin Blvd	x	x	x			
	Corner	SW	Flintridge Dr		Dublin Blvd		x	x			
	Corner	NW	Flintridge Dr		Lange Dr		x	x			
	Intersection		Flintridge Dr		Lange Dr					x	
Hearthridge Cir											
3167	Side Yard		Hearthridge Cir			x	x				On Flintridge Dr
3207	Side Yard		Hearthridge Cir			x	x				On Flintridge Dr
Lange Cir											
6602	Side Yard		Lange Cir			x	x				On Flintridge Dr
6732	Back Side		Lange Cir			x					Back yard is on Flintridge Dr
6738			Lange Cir			x					Backyard is on Flintridge Dr
6744	Back Side		Lange Cir			x					Backyard is on Flintridge Dr
6750	Back Side		Lange Cir			x	x				Backyard is on Flintridge Dr

Grid 11-9-A

Lange Cir



PPRTA Concrete Work Areas - 4th Quarter 2010

Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
6756	Back Side		Lange Cir			x					Backyard is on Flintridge Dr
6768	Back Side		Lange Cir			x					Backyard is on Flintridge Dr
6774	Back Side		Lange Cir			x					Backyard is on Flintridge Dr
Lange Dr											
6595	Side Yard		Lange Dr			x					On Flintridge Dr
Lange Terr											
3150	Back Side		Lange Terr			x					Backyard is on Flintridge Dr
3151	Back Side		Lange Terr			x					Backyard is on Flintridge Dr
Sapporo Dr											
6195	Side Yard		Sapporo Dr			x	x				On Flintridge Dr
6198	Side Yard		Sapporo Dr			x	x				On Flintridge Dr
Vickers Dr											
3420	Side Yard		Vickers Dr			x					On Flintridge Dr
Grid 11-10-A											
Lexington Dr											
6995			Lexington Dr			x					
7035			Lexington Dr			x				x	
	Corner	SE	Lexington Dr		Sharpsberg Terr	x				x	
	Corner	SW	Lexington Dr		Sharpsberg Terr		x				
	Intersection		Lexington Dr		Sharpsberg Terr	x				x	
Grid 11-R On-Call											
Catskill Ln and Bowsprit Ln											
	Corner	NE	Catskill Ln		Bowsprit Ln	x	x	x			
	Corner	NW	Catskill Ln		Bowsprit Ln	x	x	x			
Rolling Wood Loop and Woodview Ct											
	Corner	NE	Rolling Wood Lp		Woodview Ct	x	x	x			
	Intersection		Rolling Wood Lp		Woodview Ct	x	x			x	
Grid 12-R On-Call											
American Dr											
3475 - 3495	Median		American Dr			x	x	x			
Grid 15-R On-Call											
Monica Dr and Prescott Ave											
	Corner	SW	Monica Dr		Prescott Ave	x	x	x			



PPRTA Concrete Work Areas - 4th Quarter 2010

Street Number	Addtl Location Info	Dir	Street 1	Dir	Street 2	Curb and Gutter	Sidewalk	New Ped Ramp	Retro Ped Ramp	Crossspan	Notes
Grid 16-R On-Call											
Peterson Rd and Pony Tracks Dr											
	Corner	SW	Peterson Rd		Pony Tracks Dr	x	x		x		

