

Bond Oversight Commission

Annual Report
March 1, 2016



Revised 5/22/2017*

* Completed Project List, page 15



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2012 Bond Oversight Commission



March 1, 2016

Roger W. Randolph
City Clerk
City of Tucson

Dear Mr. Randolph,

In accordance with Resolution 21945 adopted by Mayor and Council on August 7, 2012, I provide the accompanying document as the Bond Oversight Commission's 2015 Annual Report to the Mayor and Council and Citizens of the City of Tucson.

The report describes the activities and recommendations of the 2012 Bond Oversight Commission during its third year of existence.

The BOC member attendance record is also included within the report. Please forward the BOC Annual Report to the appropriate City officials and post the report on the City Clerk's website for Boards and Commissions.

Sincerely,

A handwritten signature in blue ink that reads "Bruce Burke". The signature is fluid and cursive.

Bruce Burke
BOC Chair

In accordance with Resolution 21945 adopted by Mayor and Council on August 7, 2012, please consider this document the Bond Oversight Commission's annual report to the Mayor and Council and Citizens of the City of Tucson.

Introduction

The 2012 Bond Oversight Commission (“BOC”) was established by the City Manager and the Tucson Mayor and City Council. The Committee is charged with responsibility to monitor the progress of road improvement projects to ensure that bond funds are used only as approved by the voters.

In accordance with Resolution 21945 adopted by Mayor and Council on August 7, 2012, please consider this document the Bond Oversight Commission's Annual Report to the Mayor and Council and the Citizens of the City of Tucson.

Executive Summary

The promise to voters during the Proposition 409 campaign was that the City would expend \$100 million over five consecutive years to improve City roadways. Now in its third year, the City of Tucson Road Recovery Program is currently ahead of schedule and exceeding initial budget expectations.

In adopting Proposition 409, City residents approved a package of specified arterial roadways to be improved. As a result of TDOT's conservative road repair estimates and a favorable bidding environment resulting from lower material costs, the total arterial road mileage repairs authorized by Proposition 409 are now roughly estimated to cost only \$60 million. As a result, this year the BOC recommended, and the Mayor and Council unanimously adopted, an allocation of the “extra” \$40 million in bonded revenue to be spent on an expanded list of arterial and residential road repair projects. With this additional capacity, TDOT has added an additional 550 lane miles to the program, which results in roadway improvements in about 45 more roadway segments. Additionally, TDOT will be able to incorporate more maintenance projects to institute good paving preservation.

TDOT has made significant improvements to the Road Recovery website - <https://www.tucsonaz.gov/street-bonds> - by creating a user-friendly interactive map that allows the public to view roadway segments that have been completed, segments that are currently under reconstruction and planned roadway improvements. The map also identifies neighborhood grids that have been improved, grids that are currently being improved and planned improvements to local streets. The map also allows users to view current and future bicycle boulevards.

Despite the fact that TDOT has made great strides to improve the City’s roadway infrastructure through the bond program, the City’s unmet needs are still great and far exceed current bond and other budgeted revenues. In November, 2015, voters countywide rejected a Pima County Bond Program - Proposition 425 - to spend \$160 million to improve and preserve roadways in the entire region. As its share, the City would have received a much-needed \$65.5 million for roadway improvements. It is imperative that the City find additional ways to increase funding to improve the City’s roads and to supplement the current Road Recovery Program.

Bond Oversight Commission Membership And Attendance

The following is a list of the Commission members with their respective rolls and appointers.

2012 Bond Oversight Commission Members:		
Member	Role	Appointed By
Mr. Bruce Burke	Chairperson (2016)	City Manager
Mr. Dale Calvert	Co-Chair (2014)	City Manager
Mr. Daniel Castro	Co-Chair (2016)	Ward 1
Mr. Melvin Cohen	Member	Mayor
Mr. Ramon Gaanderse	Chairperson (2015)	City Manager
Mr. Ricky Hernandez	Member	City Manager
Mr. Ian Johnson	Member	Ward 3
Dr. Lorraine Morales	Member	Ward 4
Mr. Jesse Lugo	Co-Chair (2015)	Ward 5
Mr. Steve Pageau	Chairperson (2014)	Ward 6
Mr. Steve Alan Taylor	Member	Ward 2

The BOC met six times in FY 2015-2016. The omission oversaw the expenditure of funds on arterial street repairs and used a data driven selection process to determine which residential streets would be improved in the upcoming fiscal years.

2012 Bond Oversight Commission Attendance Summary 2015-2016

Name	Appointed by:	02/23/2015	03/10/2015	07/13/2015	9/17/2015	11/16/2015	2/04/2016
Bruce Burke	City Manager	X	X	X	X	X	X
Dale Calvert	City Manager		X	X	X	X	
Daniel Castro	Ward 1	X	X	X	X	X	X
Melvin Cohen	Mayor	X	X	X		X	X
Ramon Gaanderse	City Manager	X	X	X	X		
Ricky Hernandez	City Manager	X	X				
Ian Johnson	Ward 3	X		X		X	X
Dr. Lorraine Morales	Ward 4	X	X		X	X	X
Jesse Lugo	Ward 5	X	X	X	X	X	X
Steve Pageau	Ward 6	X	X	X	X	X	X
Steve Taylor	Ward 2	X	X	X	X	X	

Meeting Highlights – FY 2015-16

The Bond Oversight Commission met six times in FY 2015 – 2016. The Commission oversaw the expenditure of funds on arterial streets and used their selection process to determine which residential streets would be improved in the upcoming fiscal years.

February 23, 2015

Conservative estimates, a favorable bidding environment and lower petroleum prices created an excess capacity of about \$40 million to allow an expansion of the program to restore, repair and resurface additional City streets.

Given the extra capacity, TDOT presented the BOC with three different funding scenarios that showed how the \$40M would be allocated. Please note that from the existing pavement preservation program, the BOC has approved \$9M of the \$15M allocated to residential streets. As represented in the table below, the ‘Total Residential Allocation’ incorporates funding from the existing program and any additional funding from the surplus. Each scenario was represented graphically and had three components to consider; arterial allocation, residential allocation applying a worst-first methodology citywide, residential allocation applying a worst-first methodology with attempt to balance funding per ward. TDOT recommended that the BOC select Scenario 2.

Scenario	Arterial Allocation	Residential Allocation	Total Residential Allocation
1	\$40M	0	\$15M
2	\$37M	\$3M	\$18M
3	\$34M	\$6M	\$21M

The BOC approved the staff recommended \$37M scenario. From the additional budget capacity, approximately \$37M will be allocated to the arterial roadway system and approximately \$3M will be allocated to the residential program. Of the \$37M allocated for arterials, approximately \$4.5M will be allocated to maintaining and preserving our roads as a practice of good pavement preservation. The arterial and residential scenarios presented to the BOC depicted the additional roadways that would be improved measured by centerline miles and the roadway selection process.

The BOC passed a motion to accept the staff recommended funding allocation of \$37M towards arterials and \$3M to residential streets. Total residential dollars would be \$9M: \$6M from existing program and \$3M additional from extra budget capacity.

The BOC passed a motion to accept Scenario A, but to redistribute some of the polygons in Ward 6 to Ward 1 (worst-first city wide/ TDOT staff recommended).

March 10, 2015

TDOT provided the BOC with the selection process to the roadways incorporated in the different scenarios presented.

Arterial Roadway Selection Process

For the arterial roadway system, the BOC was provided with a map and a list of roadways that were recommended to be improved. The roadways selected were reviewed for the overall condition index and prioritized through a scoring methodology. The 'score' incorporated the functional classification, overall condition index, engineer's recommendation, Downtown Core, Airport Area, bus route, and bike boulevard or route. Additionally, the BOC was provided with two lists of alternate roadways that could be improved if there continues to be additional budget capacity.

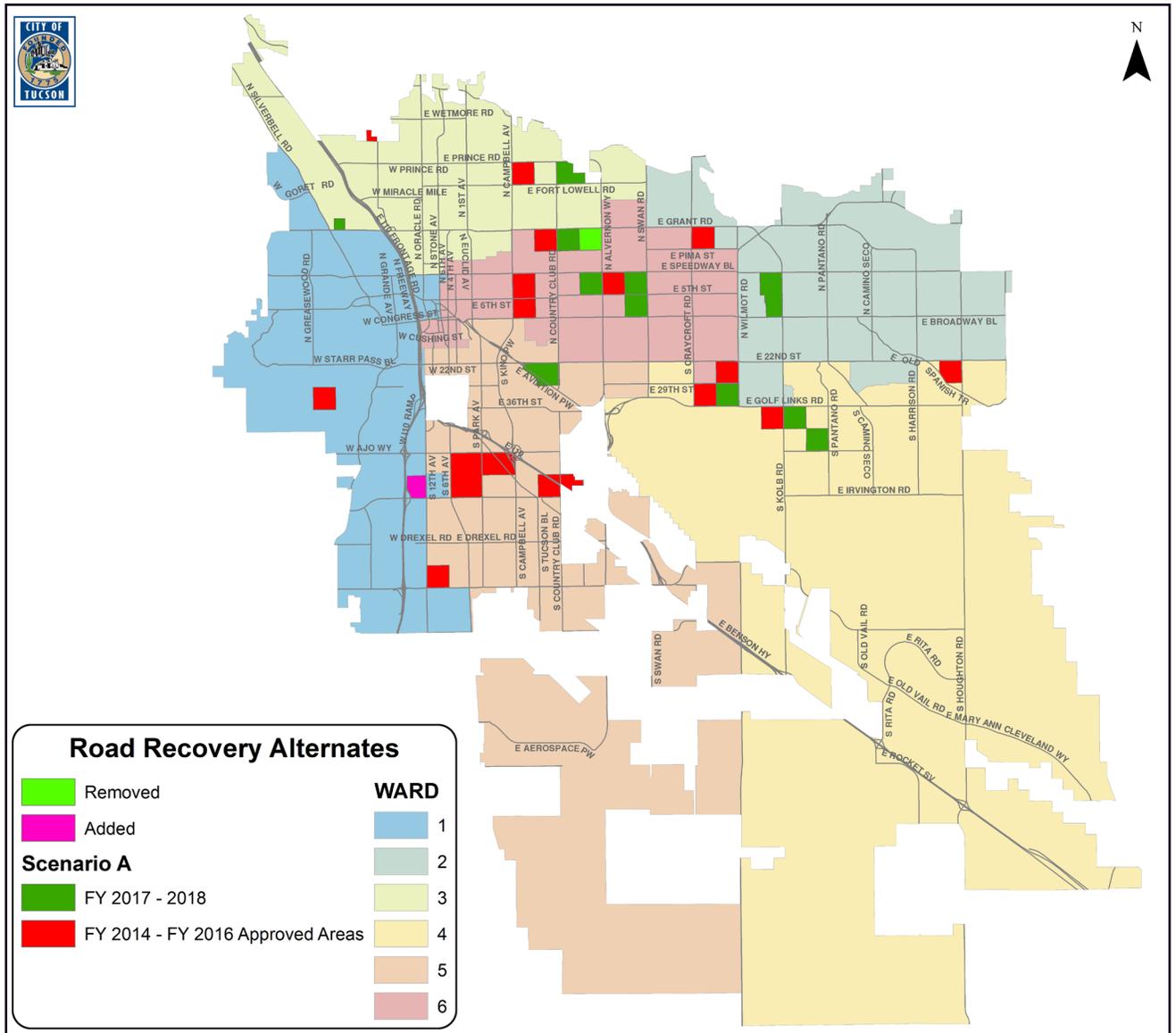
The BOC approved the arterial and alternate roadways recommended by TDOT (\$37M scenario) with the incorporation of moving Camp Lowell to the alternate list that will take precedence in the event of additional budget capacity.

Attachment A depicts the roadway alternates that were approved by the BOC. Also included are maintenance projects.



Residential Roadway Selection Process

At the February 23, 2015 BOC meeting, TDOT provided a ‘Worst Streets First’ recommendation for residential roadways. Two scenarios were provided – ‘worst streets first’ citywide regardless of Ward as represented in Scenario A and ‘worst streets first’ with an attempt to balance centerline miles per ward as represented by Scenario B. The BOC adopted Scenario A with the redistribution of a polygon (a delineation of neighborhood streets) in Ward 6 to Ward 1. (Initially, the BOC approved a residential scenario that incorporated local street improvements in Ward 1. It was later learned that these roadways could not be improved due to private ownership of the streets. Councilmember Regina Romero provided a Memo to the BOC regarding ward equity.)



TDOT identified potential polygons that could be reallocated from Ward 6 to Ward 1 for equality through the review of the available Ward 6 polygons overall condition indexes. Polygons in Ward 6 that included bicycled boulevards were not considered. The new reallocated Ward 1 polygon aligns with the available funds that are now eliminated from Ward 6. Additionally, the new Ward 1 polygon selected has more density in square yards than what was originally approved by the BOC in a past meeting.

The BOC approved the staff's recommendation of Scenario A with the incorporation of the swapped polygon from Ward 6 to Ward 1.

Please see **Attachment B** for the residential roads incorporated in Scenario A.



July 13, 2015

BOC members received an update on results of the Road Recovery Expansion Public Hearing held on April 21st at the Mayor and Council meeting. Daryl Cole, TDOT Director, thanked the commission for all its efforts. The council was receptive and voted unanimously for the recommendation. The BOC listened to citizen presentations during call to the audience. Areas included San Clemente neighborhood, Sam Hughes, Santa Cruz Lane, Starr Pass, Frontage Road and Silverlake, Enchanted Hills, Barrio Kroeger Lane and Rose Neighborhood. Daryl Cole also showed a map of the proposed package for Pima County Prop 425. The bond includes \$160 million for resurfacing for the whole county. The BOC reviewed the proposed Pima County Proposition 425 roadway recovery streets and accepted the report.



September 17, 2015

The BOC received a presentation from Jim DeGrood, PAG Deputy Director, on “RTA Project Updates and Post Recession Transportation Trends” Highlights of the presentation included: The Regional Transportation Authority (RTA) has 55 projects currently under construction, and 63 projects in the design or planning stages. There are five elements to the RTA Plan: Roadway, Safety, Environment & Economic Development, and Transit. Projects to be implemented in the near future include Sunset Road, Silverbell to I-10; Ina Road Interchange; and the Ruthrauff Road Interchange. 160 intersection projects have been completed of the 200 promised by RTA. 47 of 80 promised HAWK crossings and 108 of 200 promised bus pullouts have also been completed. MainStreet project gives long term support, including professional business counseling, to businesses affected by road construction projects. RTA has assisted with evening and weekend transit service expansion, route and service area expansion, extra peak service, express buses, circulator buses in outlying areas that feed to the main bus system, and augmented para-transit (Dial-a-Ride service). Additional project information can be found at the Pima Association of Government (PAG) website:

<http://www.pagregion.com/Default.aspx?tabid=36>

The BOC appointed Bruce Burke BOC Chair and Daniel Castro, Co-Chair for the 2015/2016 term.

Matt Hausman of TDOT presented a summary of the procurement status of several projects, showing the number of days to Contract Execution for Reconstruct Package 1, Rehabilitation Packages 1 and 4, Residential Package 1, Fogseal Package, and Professional Services. TDOT also used the existing on-call contract for outside survey, inspection, geotechnical investigation, striping design.



Robin Raine, Deputy Director of TDOT, presented a PowerPoint with a proposal for the restructuring of the **Citizen’s Transportation Advisory Committee (CTAC)**. The CTAC was established in 1980 with 15 members to serve as an advisory and advocacy body to the Mayor and Council for transportation matters and programs. Due to various changes in the membership and a lack of quorum, it became impossible to add new members and continue to have meetings. A restructured CTAC would provide an opportunity for combining, reorganizing or sun-setting various advisory bodies. Members of short-term groups such as the BOC could join CTAC to share knowledge.

Alfred Zuniga, TDOT, distributed and discussed a list of the FY2015 and the projected FY2016 projects for the Proposition 409 Road Recovery Program. The first of the **Bond Program** projects is a fogseal package that will begin at the end of September. This project will take approximately one month and should be done by the end of October. There are approximately 27 roadways in the package and it is a quick process.

Priscilla Lane, TDOT, presented a **financial report** showing the costs of recent bond packages. The Series 2013 (FY2014) projects are complete and the fund is closed. The Engineer’s Estimate was \$20.4 million and the projects were completed

at a cost of approximately \$20.2 million. Incidental costs include survey, design, geotechnical, inspection, and striping. The Series 2014 (FY2015) package had an Engineer's Estimate of \$24.4 million, and Actual Bids were \$20.5 million. The Total Costs to Date are slightly less than \$18 million.

Michael Graham of **TDOT Public Outreach** presented a report on Citizen Requests. He distributed a log of requests received by citizens to have their neighborhood streets (as well as collector or arterial streets) repaired. He noted that Michael Ortega, the new City Manager of Tucson, meets regularly with Daryl Cole. Mr. Ortega has requested that TDOT's accomplishments be more widely publicized.

November 16, 2015

Robin Raine, TDOT Deputy Director, provided an update on the restructuring of CTAC, focusing on membership structure and committee functions. Ms. Raine also went over the CTAC 2012 Work Plan. The BOC provided feedback on this proposal. Daryl Cole, TDOT Director discussed the failed Pima County Bond 425. The BOC discussed theories as to why the transportation bond did not pass and upcoming next steps. BOC was presented with an update on the Bond program status including the FY2015 active projects and FY2016 projects. The BOC requested that the handout show the Ward in which the improvements are made. Discussion was held on Third Street. The BOC communicated the importance of staying true to the commitment of improvements to bicycle boulevards. The BOC made a motion to revisit this topic at the next meeting.

February 4, 2016

BOC members were presented with Bond Financial Report and Program status and discussion followed. A demonstration of the TDOT interactive map was provided to illustrate roadways that will be preserved in the Ajo Way/Park Avenue area. Also a link to completed and planned bicycle boulevards was identified. BOC further discussed the need to support extended communication with citizens through the BOC 2016 Annual Report, editorials, Public Service Announcements, newsletters to neighborhood associations and social media links on the TDOT website. <https://maps2.tucsonaz.gov/prop409/>

These roadways have been improved using the various pavement treatments that are displayed in the chart below. Each treatment option adds a varying number of years of ‘service life’ to each street. The available treatment options are chip seal, fog seal, surface seal, seal coat, mill and overlay and reconstruction. **Attachment C** will specify which roadways have been completed, treatment used, and City Ward served.

Treatment Type	Service Life	Description
Cape Seal	10 Years	A cost effective dense pavement treatment used to help seal and bond the cracks in the existing pavement and improve chip retention and smoothness of the driving surface. It is used when the pavement condition has moderate distress and cracks and limited or no rutting. A Cape Seal is ideal for low traffic volume roadways and is the culmination of a chip, surface, and seal coats.
Chip Seal (Surface Seal)	7 Years	A surface treatment in which the pavement is sprayed with asphalt (generally emulsified) and then immediately covered with aggregate and rolled. Chip seals are used primarily to seal the surface of a pavement with non load-associated cracks and to improve surface friction on low volume streets.
Fog Seal (Surface Seal)	3 Years	A light application of slow setting asphalt emulsion diluted with water and without the addition of any aggregate applied to the surface of a bituminous pavement. Fog seals are used to renew aged asphalt surfaces, seal small cracks and surface voids, or adjust the quality of binder in newly applied chip seals.
Mill and Overlay (Structural Overlay)	15 Years	This process removes a defined thickness of the surface of the existing asphalt pavement, and after observed defects are corrected, the same thickness is replaced with new asphalt thereby returning the pavement to a nearly new condition. This is the second most costly pavement treatment option.
Reconstruction	20 Years	Complete design and pavement replacement of an existing failed street.
Seal Coat	3 Years	This treatment is mainly a preventive maintenance procedure applied to the asphalt pavement surface to prevent or delay costly corrective measures. Asphalt seal coats are surface treatments designed to seal and protect the asphalt pavement from harmful environmental conditions such as sunlight, rain, and snow. Surface treatments are also applied to enhance the wearing properties and improve the traction between the pavement and vehicle tires.
Surface Seal	7 Years	This treatment provides a “skim coat” of a restorative product to the existing pavement surface, filling minor cracks and correcting pavement defects such as rutting and raveling when applied.

BOC: Financial Review and Status

Proposition 409 Road Recovery Program Fiscal Years 2014/2015 Program Overview as of February 19, 2016

Package Type	Pkg No.	Engineer's Estimate	Actual Bid	Awarded To	Actual Contractor Construction Cost	Actual Other Incidental Costs	Actual Total Costs To Date	Encumbered	Center-line Miles	Project Status
FISCAL YEAR 2014 PROJECTS										
Fogseal	1	\$480,803	\$519,264	So. Az. Paving	\$870,370	\$4,829	\$875,199		16.71	100% Complete
Seal Coat	1	\$3,149,345	\$2,995,088	So. Az. Paving	\$2,794,994	\$67,320	\$2,862,313		15.17	100% Complete
Crackseal	1	\$449,000	\$453,500	So. Az. Paving	See above	See above	See above			100% Complete
Mill & Overlay	1	\$485,213	\$454,786	So. Az. Paving	\$541,682	\$58,224	\$599,906		0.8	100% Complete
Mill & Overlay	2	\$3,871,572	\$3,202,602	Granite Construction	\$3,700,404	\$206,681	\$3,907,085		5.15	100% Complete
Mill & Overlay	3	\$773,645	\$650,998	So. Az. Paving	\$745,769	\$34,449	\$780,218		2.72	100% Complete
Mill & Overlay	4	\$320,174	\$300,689	Granite Construction	\$258,834	\$29,142	\$287,976		0.75	100% Complete
Mill & Overlay	5	\$1,779,192	\$1,693,232	So. Az. Paving	\$1,507,439	\$136,425	\$1,643,864		2.7	100% Complete
Mill & Overlay	6	\$2,300,000	\$2,381,386	So. Az. Paving	\$2,379,885	\$159,912	\$2,539,797		4.68	100% Complete
Reconstruct	1	\$1,423,628	\$1,353,099	Granite Construction	\$1,383,018	\$117,412	\$1,500,431		1.48	100% Complete
Reconstruct	2	\$2,562,916	\$1,963,628	So. Az. Paving	\$2,160,403	\$167,460	\$2,327,863		2.94	100% Complete
Residential	1	\$677,176	\$637,428	So. Az. Paving	\$727,070	\$49,784	\$776,854		3.85	100% Complete
Residential	2	\$964,488	\$848,000	So. Az. Paving	\$646,794	\$6,473	\$653,267		5.57	100% Complete
Residential	3	\$566,384	\$505,380	So. Az. Paving	\$611,198	\$20,681	\$631,880		4.13	100% Complete
Residential	4	\$628,768	\$599,779	So. Az. Paving	\$767,323	\$37,669	\$804,992		3.83	100% Complete
Fogseal (FY15)	1				\$0	\$5,063	\$5,063			100% Complete
Reconstruct (FY15)	1				\$0	\$1,761	\$1,761			100% Complete
Totals		\$20,432,304	\$18,558,859		\$19,095,183	\$1,103,285	\$20,198,468		70.48	
FISCAL YEAR 2015 PROJECTS										
Mill & Overlay (FY14)	6				\$78,511	\$1,196	\$79,707	\$0		100% Compl
Reconstruct (FY14)	1				\$372,395	\$0	\$372,395	\$0		100% Compl
Reconstruct (FY14)	2				\$0	\$16,548	\$16,548	\$0		100% Compl
Residential (FY14)	2	* See above	* See above	So. Az. Paving	\$231,524	\$8,164	\$239,688	\$0	* See above	100% Compl
Fogseal	1	\$536,597	\$493,896	So. Az. Paving	\$707,031	\$49,718	\$756,749	\$0	11.54	100% Compl
Rehab	4	\$5,030,000	\$4,991,691	So. Az. Paving	\$4,033,084	\$227,470	\$4,260,555	\$995,737	1.75	Active Constr
Rehab	1	\$13,906,400	\$10,899,500	Sunland Asphalt	\$10,379,223	\$868,818	\$11,248,041	\$338,933	16.69	Constr Compl
Reconstruct	1	\$2,026,303	\$1,763,816	So. Az. Paving	\$2,278,721	\$33,332	\$2,312,053	\$9,585	6.94	Constr Compl
Residential	1	\$2,900,000	\$2,417,417	Intermountain Slurry*	\$2,515,865	\$115,469	\$2,631,334	\$3,885	19.96	Constr Compl
Totals		\$24,399,300	\$20,566,320		\$20,596,354	\$1,320,716	\$21,917,070	\$1,348,140	56.88	

**Proposition 409 Road Recovery Program Fiscal Years 2014/2015
Program Overview as of February 19, 2016
Continued**

Package Type	Pkg No.	Engineer's Estimate	Actual Bid	Awarded To	Actual Contractor Construction Cost	Actual Other Incidental Costs	Actual Total Costs To Date	Encumbered	Center-line Miles	Project Status
FISCAL YEAR 2016 PROJECTS										
Rehab (FY15)	1			Sunland Asphalt	\$0	\$0	\$0	\$1,249,548		Constr Compl
Rehab (FY15)	4			So. AZ. Paving	\$41,734	\$6,866	\$48,600	\$98,590		Constr Compl
<i>Residential (FY15)</i>	1	<i>* See above</i>	<i>* See above</i>	<i>Intermountain Slurry</i>	<i>\$283,807</i>	<i>\$0</i>	<i>\$283,807</i>	<i>\$0</i>		<i>Constr Compl</i>
Rehabilitation	1	\$11,254,181	\$9,433,000	Sunland Asphalt		\$292,463	\$292,463	\$10,750,203	11.00	Active Constr
Rehabilitation	2	\$7,968,936	TBD	TBD		\$170,616	\$170,616	\$89,923	8.00	Planned 2016
Residential	3	\$1,985,701	TBD	TBD			\$0	\$0	9.00	Planned 2016
Residential	4	\$2,214,566	TBD	TBD			\$0	\$0	10.00	Planned 2016
Fogseal	5	\$1,330,581	TBD	TBD			\$0	\$0	14.00	Planned 2016
		\$24,753,964			\$325,541	\$469,945	\$795,487	\$12,188,263	52.00	

Attachment A: Alternate Roadways approved by BOC due to additional budget capacity.

Treatment/Score	Ward(s)	Route	Project Limits		OCI*
			Begin	End	
Maintenance Project	6	22nd St	Kolb Rd	Sarnoff Dr	100
Maintenance Project	6	22nd St	Craycroft Rd	Rook Ave	100
Maintenance Project	2,6	36th St	Euclid Ave (City Limits)	Kino Pkwy	70
Maintenance Project	6	4th Ave	University Blvd	Toole Ave/Congress St	100
Maintenance Project	1	5th Ave	Congress St	Broadway Blvd	100
Maintenance Project	6	6th Ave	Drachman Rd	6th St (PCCP)	70
Maintenance Project	1,5	6th St	Highland Ave	Campbell Ave	100
Maintenance Project	5	6th St	Tucson Blvd	Country Club Rd	100
Maintenance Project	3,6	6th St	Tucson Blvd	Tucson Blvd	100
Maintenance Project	1	6th St	4th Ave	Park Ave	100
Maintenance Project	5	6th St	Campbell Ave	Tucson Blvd	100
Maintenance Project	4	6th St	Ferro Ave	4th Ave	100
Maintenance Project	4	6th St	Campbell Ave	Campbell Ave	100
Maintenance Project	5	6th St (Saint Marys Rd Project)	Main Ave	Main Ave	100
Maintenance Project	4	Ajo Way (Exclude ADOT IGA @ I19 and I10)	14th Ave	Country Club Rd	100
Maintenance Project	6	Alvernon Way	Transconn Way	Valencia Rd	80
Maintenance Project	2	Alvernon Way	Fort Lowell Rd	Speedway Blvd	100
Maintenance Project	1,6	Avenida Del Convento	Congress St	Cushing St	100
Maintenance Project	2	Benson Hwy (Benson Hwy Project)	I-10	Irvington Rd	100
Maintenance Project	6	Bilby Rd (Bilby Rd Project)	Metropolitan Dr	Hawks Hollow Ct	80
Maintenance Project	6	Bilby Rd (Houghton Rd Project)	Houghton Rd	Houghton Rd	100
Maintenance Project	3	Bilby Rd (Nogales Hwy Project)	Nogales Hwy	Nogales Hwy	100
Maintenance Project	6	Bilby Rd (Westbound) (Bilby Rd Project)	Houghton Rd	Metropolitan Dr	80
Maintenance Project	3	Broadway Blvd	Houghton Rd	Houghton Rd	100
Maintenance Project	5	Broadway Blvd	Church Ave	5th Ave	100
Maintenance Project	6	Broadway Blvd	Pantano Rd	Camino Seco	100
Maintenance Project	5,6	Campbell Ave	3rd St	Broadway Blvd	100

* OCI = Overall Condition Index

Treatment/Score	Ward(s)	Route	Project Limits		OCI*
			Begin	End	
Maintenance Project	5	Campbell Ave	Fort Lowell Rd	Glenn St	100
Maintenance Project	6	Campbell Ave	Prince Rd	Prince Rd	100
Maintenance Project	5	Campbell Ave (Benson Hwy Project)	Benson Hwy	Benson Hwy	100
Maintenance Project	2,6	Columbus Blvd (Speedway Blvd Project)	Speedway Blvd	Speedway Blvd	100
Maintenance Project	4	Country Club Rd	Broadway Blvd	Aviation Pkwy	100
Maintenance Project	6	Country Club Rd	Pennsylvania St	Drexel Rd	80
Maintenance Project	5	Country Club Rd	Speedway Blvd	Broadway Blvd	100
Maintenance Project	4	Country Club Rd (Ajo Way Project)	Ajo Way	Ajo Way	100
Maintenance Project	5	Craycroft Rd	Grant Rd	29th St	100
Maintenance Project	6	Drexel Rd	Houghton Rd	Copper Hills Dr	80
Maintenance Project	5	Drexel Rd	Tucson Blvd	Country Club Rd	70
Maintenance Project	3,6	Drexel Rd (Houghton Rd Project)	Houghton Rd	Houghton Rd	100
Maintenance Project	6	Drexel Rd (Nogales Hwy Project)	Nogales Hwy	Nogales Hwy	100
Maintenance Project	6	Euclid Ave	Grant Rd	Speedway Blvd	100
Maintenance Project	6	Euclid Ave	6th St	Broadway Blvd	100
Maintenance Project	3	Euclid Ave	Speedway Blvd	University Blvd	100
Maintenance Project	4	Euclid Ave	University Blvd	6th St	100
Maintenance Project	3	Flowing Wells Rd	Roger Rd	Miracle Mile	100
Maintenance Project	1	Forest Glen (Houghton Rd Project)	Houghton Rd	Houghton Rd	100
Maintenance Project	6	Glenn St (Stone Ave Project)	Stone Ave	Stone Ave	100
Maintenance Project	1	Granada Ave (Saint Marys Rd Project)	Saint Marys Rd	Saint Marys Rd	100
Maintenance Project	1	Granada Ave/Cushing St	Congress St/Broadway Blvd	I-10 Frontage Rd (east)	100
Maintenance Project	6	Grande Ave	Speedway Blvd	Congress St	100
Maintenance Project	2	Greasewood Rd	Ironwood Hill Dr	Speedway Blvd	100
Maintenance Project	4	Helen St	Cherry Ave	Cherry Ave	100
Maintenance Project	1	Houghton Rd	Broadway Blvd	Broadway Blvd	100

* OCI = Overall Condition Index

Treatment/Score	Ward(s)	Route	Project Limits		OCI*
			Begin	End	
Maintenance Project	5	Houghton Rd (Houghton Rd Project)	Keystone Rd	Meadow Willow Tr	100
Maintenance Project	1,5	Ironwood Hill Dr	City Limits (West)	Silverbell Rd	100
Maintenance Project	5	Irvington Rd	Park Ave	Benson Hwy	100
Maintenance Project	4	Irvington Rd	I-19 Ramp (East)	6th Ave	100
Maintenance Project	1	Irvington Rd	6th Ave	Park Ave	100
Maintenance Project	4	Irvington Rd (Houghton Rd Project)	Harrison Rd	Houghton Rd	100
Maintenance Project	5	Linda Ave	Congress St	Cushing St	100
Maintenance Project	5	Meadow Willow Tr (Houghton Rd Project)	Houghton Rd	Houghton Rd	100
Maintenance Project	1,5	Nogales Hwy (Nogales Hwy Project)	Drexel Rd	Valencia	100
Maintenance Project	2,4	Nogales Hwy (Nogales Hwy Project)	Irvington Rd	Drexel Rd	100
Maintenance Project	2	Nogales Hwy (Nogales Hwy Project)	Valencia Rd	Los Reales Rd	100
Maintenance Project	6	Old Spanish Tr (Skip RTA Intersections)	Harrison Rd	Melpomene Way	100
Maintenance Project	4	Pantano Rd (Skip Speedway Intersection)	Speedway Blvd	Broadway Blvd	100
Maintenance Project	3	Park Ave	1st St	University Blvd	100
Maintenance Project	1	Poorman Rd (Houghton Rd Project)	Houghton Rd	Houghton Rd	100
Maintenance Project	4	Prince Rd	Oracle Rd	Stone Ave	100
Maintenance Project	1	Saint Marys Rd (Saint Marys Rd Project)	I-10 Frontage Rd (East)	Main Ave	100
Maintenance Project	1	Seven Generations Way (Houghton Rd Project)	Houghton Rd	Houghton Rd	100
Maintenance Project	6	Silverlake Rd	Mission Rd	I-10 Frontage Rd (West)	70
Maintenance Project	2	Speedway Blvd	Greasewood	Silverbell Rd	100
Maintenance Project	1,3	Speedway Blvd	Pantano Rd	Camino Seco	100
Maintenance Project	1,3,6	Speedway Blvd	Stone Ave	7th Ave	100
Maintenance Project	1,3	Speedway Blvd	7th Ave	2nd Ave	100
Maintenance Project	6	Speedway Blvd	Main Ave	Stone Ave	100

* OCI = Overall Condition Index

Treatment/Score	Ward(s)	Route	Project Limits		OCI*
			Begin	End	
Maintenance Project	6	Speedway Blvd	2nd Ave	Campbell Ave	100
Maintenance Project	3	Speedway Blvd (Speedway Blvd Project)	Alvernon Way	Rosemont Blvd	100
Maintenance Project	3	Stone Ave	Roger Rd	Prince Rd	100
Maintenance Project	3	Stone Ave (Stone Ave Project)	Fort Lowell Rd	Glenn St	100
Maintenance Project	3	Stone Ave (Stone Ave Project)	Glenn St	Grant Rd	100
Maintenance Project	6	Stone Ave (Stone Ave Project)	-	Drachman St	100
Maintenance Project	5	University Blvd	4th Ave	Park Ave	100
Maintenance Project	6	Valencia Rd	Alvernon Way	Alvernon Way	80
Maintenance Project	4	Valencia Rd (Houghton Rd Project)	Houghton Rd	Houghton Rd	100
15	1	Alameda St	Granada Ave	Church Ave	40
17	1	Church Ave (Church Ave Project)	6th St	Alameda St	40
19	1	Church Ave (Church Ave Project)	Alameda St	Pennington St	30
15	1	Congress St (Silverbell Rd Project)	Silverbell Rd	Grande Ave	30
14	1	Franklin St	Granada Ave	Stone Ave	40
16	1	Granada Ave	Saint Marys Rd	Congress St	40
14	1	Midvale Rd	Irvington Rd	Valencia Rd	40
14	1	Pennington St	Congress St	Stone Ave	40
15	1	Silverbell Rd (Silverbell Rd Project)	Saint Marys Rd	Congress St	40
15	1,5	12th Ave	44th St	Santa Paula St (North)	30
14	1,5	Nogales Hwy (Nogales Hwy Project)	Valencia Rd	Los Reales Rd	40
20	1,5	Valencia Rd	12th Ave	Alvernon Way	30
18	1,6	Stone Ave (Skip/Meet DT Links Project Limits)	1st St	Broadway Blvd	40
15	2	Tanque Verde Rd	Kolb Rd	Sabino Canyon Rd	40
16	2,4	22nd St	Camino Seco	Houghton Rd	30
10	3	Camp Lowell Dr	Columbus Blvd	Swan Rd	50

* OCI = Overall Condition Index

Treatment/Score	Ward(s)	Route	Project Limits		OCI*
			Begin	End	
13	3	Country Club Rd (Country Club Rd Project)	Fort Lowell Rd	Glenn St	50
15	3	Country Club Rd (Country Club Rd Project)	Prince Rd	Fort Lowell Rd	30
17	3	River Rd	Oracle Rd (City Limits)	Oracle Rd (ADOT ROW)	30
16	3	River Rd	Stone Lp (City Limits)	1st Ave	40
14	3	Stone Ave (Stone Ave Project)	Grant Rd	Drachman St	40
14	3	Tucson Blvd (Tucson Blvd Project)	Fort Lowell Rd	Glenn St	30
15	3,6	Country Club Rd (Country Club Rd Project)	Glenn St	Speedway Blvd	30
14	3,6	Tucson Blvd (Tucson Blvd Project)	Glenn St	Grant Rd	30
14	4	Calle Polar (Escalante Rd Project)	Nicaragua Dr	Escalante Rd	30
14	4	Escalante Rd (Escalante Rd Project)	Pantano Rd	Apache Well Dr (Wingate Blvd)	30
14	4	Escalante Rd (Escalante Rd Project)	Calle Polar	Kolb Rd	30
15	4	Kolb Rd	Golf Links Rd	Irvington Rd (City Limits)	40
13	4	Nicaragua Dr (Escalante Rd Project)	Wilmot Rd	Calle Polar	40
12	5	10th Ave (10th Ave Project)	18th St	19th St	30
14	5	Corona Rd	Tucson Blvd	Country Club Rd	30
16	5	Country Club Rd	Drexel Rd	Los Reales Rd	30
15	5	Nogales Hwy (Nogales Hwy Project)	Irvington Rd	Drexel Rd	40
13	5	Plumer Ave	Medina Rd	Elvira Rd	30
16	5,6	22nd St	Tucson Blvd	Alvernon Way	30
13	6	5th St	Country Club Rd	Wilmot Rd	40
19	6	6th Ave	Toole Ave	Congress St	30
16	6	Alameda St	Stone Ave	6th Ave	30
16	6	Alvernon Way	Speedway Blvd	22nd St	40
18	6	Church Ave (Church Ave Project)	Broadway Blvd	Cushing St	30

* OCI = Overall Condition Index

Treatment/Score	Ward(s)	Route	Project Limits		OCI*
			Begin	End	
16	6	Cushing St	Granada Ave	Stone Ave	30
13	6	Elm St (Pima St Project)	Tucson Blvd	Country Club Rd	30
15	6	Main Ave (10th Ave Project)	Cushing St	18th St	30
13	6	Pima St (Pima St Project)	Country Club Rd	Columbus Blvd	30
14	6	Rosemont Blvd	Speedway Blvd	Winsett St	30

* OCI = Overall Condition Index

Attachment B: Residential Roadways that will be improved due to additional budget capacity

Ward(s)	Route	Project Limits	
		Begin	End
5	Bernard Dr	Ajo Way	Ajo Way
5	Evans Blvd	Ajo Way	Ajo Way
5	Fremont Ave	Palmdale St	Pennsylvania St
5	Palmdale St	Park Ave	Santa Rita Ave
5	Pennsylvania St	Park Ave	Santa Rita Ave
5	Santa Rita Ave	Palmdale St	Pennsylvania St
4	Andorra Pl	Discovery Dr	Discovery Dr
4	Barbados Pl	Discovery Dr	Discovery Dr
4	Basque Pl	Discovery Dr	Discovery Dr
4	Breton Pl	Discovery Dr	Discovery Dr
4	Brittany Pl	Discovery Dr	Discovery Dr
4	Cape Verde Pl	Discovery Dr	Discovery Dr
4	Carthage Pl	Discovery Dr	Discovery Dr
4	Cathay Pl	Discovery Dr	Discovery Dr
4	Ceylon Pl	Discovery Dr	Discovery Dr
4	Corsica Pl	Discovery Dr	Discovery Dr
4	Discovery Dr	22nd St	Houghton Rd
4	Discovery Ln	Old Spanish Tr	Discovery Dr
4	Home View Ln	Rincon Shadows Dr	Pleasant View Way
4	Normandy Pl	22nd St	22nd St
4	Pleasant View Way	Home View Ln	Discovery Dr
4	Rincon Shadows Dr	Home View Ln	Discovery Dr
4	Sumatra Pl	Discovery Dr	Discovery Dr
4	Troy Pl	Discovery Dr	Discovery Dr
5	2nd Ave	Ajo Way	President St
5	2nd Ave	President St	Fairground Dr
5	3rd Ave	Ajo Way	Fairground Dr
5	3rd Ave	Irvington Rd	Irvington Rd
5	4th Ave	Ajo Way	Michigan Dr

Ward(s)	Route	Project Limits	
		Begin	End
5	5th Ave	Ajo Way	Aviation Dr
5	5th Ave	Michigan Dr	Fairground Dr
5	Aviation Dr	6th Ave	6th Ave
5	Aviation Dr	6th Ave	Fair Ave
5	Columbia St	6th Ave	6th Ave
5	Columbia St	6th Ave	Fair Ave
5	District St	6th Ave	6th Ave
5	District St	6th Ave	Fair Ave
5	Fair Ave	Ajo Way	Lincoln St
5	Fair Ave	Michigan Dr	Fairground Dr
5	Fair Ave	Pennsylvania Dr	Pennsylvania Dr
5	Fair Ave	Lincoln St	Pennsylvania Dr
5	Fair St	Fair Ave	Park Ave
5	Fairground Dr	5th Ave	Fair Ave
5	Lincoln St	6th Ave	6th Ave
5	Lincoln St	6th Ave	Fair Ave
5	Michigan Dr	6th Ave	6th Ave
5	Michigan Dr	6th Ave	Fair Ave
5	Ohio St	Park Ave	Park Ave
5	Palmdale St	6th Ave	6th Ave
5	Palmdale St	6th Ave	Fair Ave
5	Pennsylvania Dr	6th Ave	6th Ave
5	Pennsylvania Dr	6th Ave	Fair Ave
5	President St	2nd Ave	Fair Ave
5	President St	6th Ave	6th Ave
5	President St	6th Ave	2nd Ave
5	Rodeo Dr	5th Ave	Fair Ave
5	Unknown Rd (Sun Tran Dr)	Fair St	Fair St
2	Brighton Ln	Linden St	Pima St
2	Edison St	Craycroft Rd	Leonora Ave
2	Edison St	North St	Sahuara Ave

Ward(s)	Route	Project Limits	
		Begin	End
2	Frannea Dr	Seneca St	Seneca St
2	Hampton Pl	Craycroft Rd	Leonora Ave
2	Hampton St	Rainbow Vista Dr	Sahuara Ave
2	Hart Ln	Linden St	Linden St
2	Hart Ln	Linden St	Pima St
2	Homer Ave	Waverly St	Waverly St
2	Julius Stra	Lester St	Van Buren Ave
2	Leonora Ave	Edison St	Hampton St
2	Lester St	Craycroft Rd	Van Buren Ave
2	Linden St	Craycroft Rd	Van Buren Ave
2	Linden St	Van Buren Ave	Mckinley Ave
2	Mckinley Ave	Pima St	Pima St
2	Mckinley Ave	Linden St	Linden St
2	North St	Rainbow Vista Dr	Sahuara Ave
2	Pima St (North Frontage Rd)	Craycroft Rd	Craycroft Rd
2	Pima St (North Frontage Rd)	Craycroft Rd	Craycroft Rd
2	Rainbow Vista Dr	Grant Rd	Sahuara Ave
2	Seneca St	Van Buren Ave	Rainbow Vista Dr
2	Van Buren Ave (East)	Seneca St	Pima St
2	Van Buren Ave (West)	Julius Stra	Pima St
2	Waverly St	Craycroft Rd	Van Buren Ave
2	Waverly St	Van Buren Ave	Sahuara Ave
5	Bentley Ave	Missouri St	Missouri St
5	Kentucky St	Treat Ave	Bentley Ave
5	Missouri St	Treat Ave	Country Club Rd
5	Ohio St	Treat Ave	Stewart Ave
5	Stewart Ave	Ohio St	Missouri St
5	Treat Ave	Missouri St	Treat Pl
5	Treat Pl	Treat Ave	Treat Ave
5	Unknown Rd	Country Club Rd	Country Club Rd
6	1st St	Alvernon Way	Columbus Blvd

Ward(s)	Route	Project Limits	
		Begin	End
6	2nd St	Alvernon Way	Columbus Blvd
6	3rd St	Alvernon Way	Irving Cir
6	4th Pl	4th St	4th St
6	4th St	Montezuma Ave	Columbus Blvd
6	Alhambra Pl	Longfellow Ave	Irving Cir
6	Arlington Blvd	Speedway Blvd	2nd St
6	Bryant Ave	2nd St	Texas Cir
6	Bryant Ave	Speedway Blvd	2nd St
6	Hawthorne St	Longfellow Ave	Bryant Ave
6	Irving Cir	Bryant Ave	5th St
6	Longfellow Ave	2nd St	5th St
6	Longfellow Ave	Speedway Blvd	5th St
6	Montezuma Ave	2nd St	4th St
6	Roberts Pl	Longfellow Ave	Irving Cir
6	Texas Cir	4th St	Columbus Blvd

Attachment C: FY 2015 and 2016 Completed Projects

Treatment	Ward(s)	Route	Project Limits	
			Begin	End
Mill & Overlay	6	22nd Street	Swan Rd.	Wilmot Rd.
Mill & Overlay	3	Flowing Wells Road	Roger Rd.	Miracle Mile
Mill & Overlay	1	Grande Avenue	Speedway Blvd.	Congress St.
Mill & Overlay	3	Stone Avenue	Fort Lowell Rd.	Drachman St.
Mill & Overlay	5	Benson Highway	I-10 Hwy.	Irvington Rd.
Mill & Overlay	5	Irvington Road	6th Ave.	Park Ave.
Mill & Overlay	5	Irvington Road	Park Ave.	Benson Hwy.
Mill & Overlay	1	Nogales Highway	Irvington Rd.	Los Reales Rd.
Mill & Overlay	1	Ironwood Hill Drive	Shannon Rd.	Silverbell Rd.
Mill & Overlay	1	Greasewood Road	Ironwood Hill Dr.	Speedway Blvd.
Mill & Overlay	5 & 6	Country Club Road	Speedway Blvd.	Aviation Pkwy.
Mill & Overlay	6	Speedway Boulevard	2nd Ave.	Campbell Ave.
Mill & Overlay	6	6th Street	Highland Ave.	Campbell Ave.
Mill & Overlay	3 & 6	Euclid Avenue	Grant Rd.	Speedway Blvd.
Mill & Overlay	6	Euclid Avenue	Speedway Blvd.	Broadway Blvd.
Mill & Overlay	2	Broadway Boulevard	Pantano Rd.	Camino Seco
Mill & Overlay	4	Old Spanish Trail	Harrison Rd.	Melpomene Way
Mill & Overlay	2	Pantano Road	Speedway Blvd.	Broadway Blvd.
Mill & Overlay	2	Speedway Boulevard	Pantano Rd.	Camino Seco
Mill & Overlay	2 & 4	22nd Street	Kolb Rd.	Sarnoff Dr.
Cape Seal	1	Russell Lane	36th St.	36th St.
Cape Seal	1	33rd Street	Fickett Ave.	Fickett Ave.
Cape Seal	1	Fickett Avenue	King Ave.	36th St.
Cape Seal	1	San Joaquin Avenue	San Juan Tr.	36th St.
Cape Seal	1	Westover Avenue	36th St.	36th St.
Cape Seal	1	King Avenue	San Joaquin Ave.	La Cholla Blvd.
Cape Seal	1	Forrest Avenue	San Juan Tr.	36th St.
Cape Seal	4	Langley Avenue	Golf Links Rd.	38th St.
Cape Seal	4	Jessica Avenue	Mary Dr.	42nd St.

Treatment	Ward(s)	Route	Project Limits	
			Begin	End
Cape Seal	4	Langley Avenue	39th St.	Lurlene Dr.
Cape Seal	4	Langley Avenue	David Dr.	Stella Rd.
Cape Seal	4	Nelson Drive	Langley Ave.	Langley Ave.
Cape Seal	4	39th Street	Mann Ave.	Mann Ave.
Cape Seal	4	Mann Avenue	Golf Links Rd.	Stella Rd.
Cape Seal	4	Lurlene Drive	38th St.	Langley Ave.
Cape Seal	4	38th Street	Mann Ave.	Langley Ave.
Cape Seal	4	42nd Street	David Dr.	Jessica Ave.
Cape Seal	4	Nelson Drive	Mann Ave.	Langley Ave.
Cape Seal	4	39th Street	Lurlene Dr.	Langley Ave.
Cape Seal	4	David Drive	Mann Ave.	Langley Ave.
Cape Seal	4	Nelson Drive	Nelson Dr.	Nelson Dr.
Cape Seal	4	Langley Avenue	Nelson Dr.	Mary Dr.
Cape Seal	4	Mary Drive	Mann Ave.	Langley Ave.
Cape Seal	4	Birch Avenue	Lurlene Dr.	Stella Rd.
Cape Seal	4	Mary Drive	Langley Ave.	Jessica Ave.
Cape Seal	4	42nd Street	Birch Ave.	Birch Ave.
Cape Seal	4	Mary Drive	Birch Ave.	Birch Ave.
Cape Seal	4	Nelson Drive	Birch Ave.	Birch Ave.
Cape Seal	4	Brooks Drive	Brooks Dr.	Brooks Dr.
Cape Seal	4	Kolb Road	Lurlene Dr.	Lurlene Dr.
Cape Seal	4	42nd Street	Mann Ave.	Mann Ave.
Cape Seal	4	Lurlene Drive	Birch Ave.	Kolb Rd.
Cape Seal	4	Mann Avenue	Golf Links Rd.	Golf Links Rd.
Cape Seal	4	Brooks Drive	Birch Ave.	Birch Ave.
Cape Seal	4	39th Place	Lurlene Dr.	Lurlene Dr.
Cape Seal	4	Mann Avenue	Golf Links Rd.	Golf Links Rd.
Cape Seal	4	Brooks Drive	Mann Ave.	Stella Rd.
Cape Seal	6	Forgeus Avenue	Seneca St.	Elm St.
Cape Seal	6	Lester Street	Treat Ave.	Country Club Rd.
Cape Seal	6	Forgeus Avenue	Grant Rd.	Edison St.

Treatment	Ward(s)	Route	Project Limits	
			Begin	End
Cape Seal	6	Seneca Street	Tucson Blvd.	Forgeus Ave.
Cape Seal	6	Treat Avenue	Grant Rd.	Elm St.
Cape Seal	6	Lester Street	Tucson Blvd.	Forgeus Ave.
Cape Seal	6	Bentley Avenue	Seneca St.	Elm St.
Cape Seal	6	Margaret Avenue	Grant Rd.	Elm St.
Cape Seal	6	Stewart Street	Seneca St.	Elm St.
Cape Seal	6	Edison Street	Forgeus Ave.	Country Club Rd.
Cape Seal	6	Tucson Boulevard (East Frontage Road)	Edison St.	Hampton St.
Cape Seal	6	Tucker Drive	Seneca St.	Linden St.
Cape Seal	6	Linden Street	Tucson Blvd.	Country Club Rd.
Cape Seal	6	Lester Street	Forgeus Ave.	Treat Ave.
Cape Seal	6	Waverly Street	Forgeus Ave.	Country Club Rd.
Cape Seal	6	Tucson Boulevard (East Frontage Road)	Hampton St.	Seneca St.
Cape Seal	6	Seneca Street	Forgeus Ave.	Country Club Rd.
Cape Seal	6	Forgeus Avenue	Edison St.	Seneca St.
Cape Seal	6	27th Street	Sahuara Ave.	Alamo Ave.
Cape Seal	6	Juarez Street	Alamo Ave.	Rook Ave.
Cape Seal	6	24th Street	Alamo Ave.	Wilmot Rd.
Cape Seal	6	26th Street	Sahuara Ave.	Wilmot Rd.
Cape Seal	6	22nd Street (South Frontage Road)	Sahuara Ave.	Alamo Ave.
Cape Seal	6	Rook Avenue	22nd St.	24th St.
Cape Seal	6	22nd Street (South Frontage Road)	Alamo Ave.	Rook Ave.
Cape Seal	6	25th Street	Sahuara Ave.	Wilmot Rd.
Cape Seal	6	23rd Street	Sahuara Ave.	Rook Ave.
Cape Seal	6	27th Street	Alamo Ave.	Wilmot Rd.
Cape Seal	6	Edlin Avenue	23rd St.	25th St.
Cape Seal	6	24th Street	Sahuara Ave.	Edlin Ave.
Cape Seal	6	Sonoita Avenue	Sylvane St.	29th St.
Cape Seal	6	Sylvane Street	Sahuara Ave.	Wilmot Rd.

Treatment	Ward(s)	Route	Project Limits	
			Begin	End
Cape Seal	6	28th Street	Sonoita Ave.	Wilmot Rd.
Cape Seal	6	Alamo Avenue	22nd St.	29th St.
Cape Seal	6	Juarez Street	Sahuara Ave.	Edlin Ave.
Cape Seal	6	4th Street	Plumer Ave.	Wilson Ave.
Cape Seal	6	4th Street	Campbell Ave.	Plumer Ave.
Cape Seal	6	Wilson Avenue	Speedway Blvd.	6th St.
Cape Seal	6	Norton Avenue	Speedway Blvd.	6th St.
Cape Seal	6	Norris Avenue	Speedway Blvd.	6th St.
Cape Seal	6	4th Street	Wilson Ave.	Tucson Blvd.
Cape Seal	6	Olsen Avenue	Speedway Blvd.	6th St.
Cape Seal	6	5th Street	Campbell Ave.	Plumer Ave.
Cape Seal	6	5th Street	Plumer Ave.	Wilson Ave.
Cape Seal	6	Hawthorne Street	Campbell Ave.	Wilson Ave.
Cape Seal	6	5th Street	Wilson Ave.	Tucson Blvd.
Cape Seal	6	1st Street	Wilson Ave.	Tucson Blvd.
Cape Seal	6	3rd Street	Plumer Ave.	Tucson Blvd.
Cape Seal	6	2nd Street	Campbell Ave.	Wilson Ave.
Cape Seal	6	1st Street	Campbell Ave.	Wilson Ave.
Cape Seal	6	3rd Street	Campbell Ave.	Plumer Ave.
Cape Seal	6	2nd Street	Wilson Ave.	Tucson Blvd.
Cape Seal	6	Hawthorne Street	Wilson Ave.	Tucson Blvd.
Cape Seal	6	Plumer Avenue	1st St.	6th St.
Fog Seal	5 & 6	22nd Street	Alvernon Way	Swan Rd.
Fog Seal	1	Alameda Street & Church Avenue		
Fog Seal	1	Anklam Road & St. Mary's Road	Greasewood Rd.	Silverbell Rd.
Fog Seal	5	Campbell Avenue	Benson Hwy.	Valencia Rd.
Fog Seal	1	Congress Street	Grande Ave.	I-10 Hwy.
Fog Seal	3	Fort Lowell Road	Oracle Rd.	Country Club Rd.
Fog Seal	4	Golf Links Road & Kolb Road		
Fog Seal	4	Golf Links Road & Wilmot Road		
Fog Seal	1	Starr Pass Boulevard & Mission Road		

Treatment	Ward(s)	Route	Project Limits	
			Begin	End
Fog Seal	4	Wilmot Road & Nicaragua		
Fog Seal	2	Tanque Verde Road	Catalina Hwy.	City Limits
Fog Seal	6	Toole Avenue	Stone Ave.	Fourth Ave.