

Work in Progress 3/3/2015

Bond Oversight Commission

Annual Report March 1, 2015

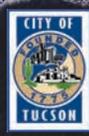
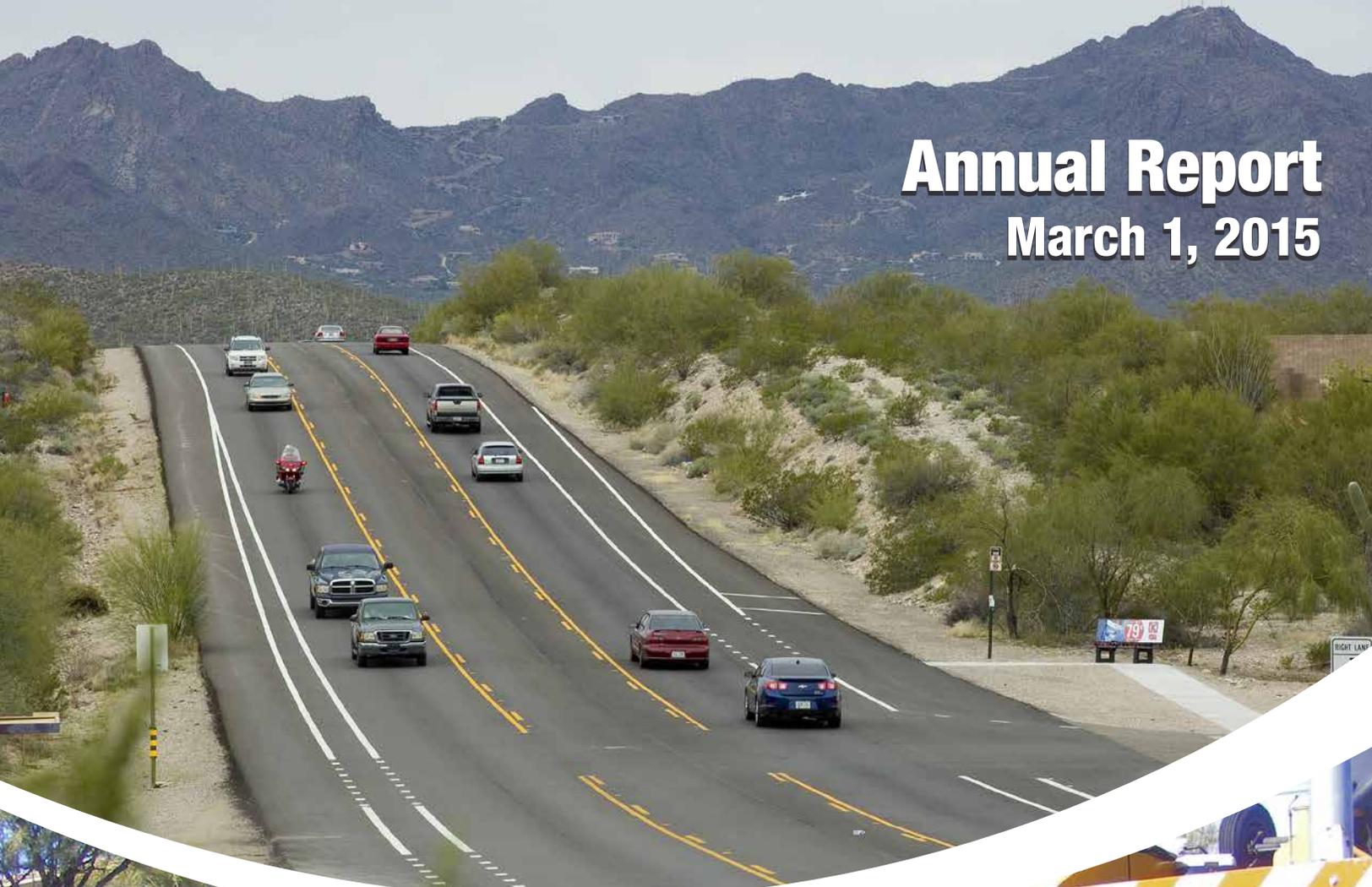


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2012 Bond Oversight Commission



March 1, 2015

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, please consider the attached document the Bond Oversight Commission's 2014 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 over their second 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 black ink, appearing to read 'Ramon A. Gaanderse'.

Ramon A. Gaanderse
BOC Chair

Attached: 2 BOC 2014 Annual Report copies

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

Proposition 409 was approved by the voters in November 2012 to provide \$100 million in bonded revenue to hire contractors and professional construction management to improve City streets. The \$100 million is to be fully spent over five consecutive years, with 85 percent of the proceeds dedicated to the arterial and collector street system that had been developed and provided to the voters during the campaign to gain support for the program. The remaining 15 percent of the funding is to be used to improve residential streets throughout the City. As noted above, Proposition 409 included the requirement that a Bond Oversight Commission (BOC) be created and tasked to ensure that the proceeds were used only as promised and approved by the voters.

The following is a list of the Commission Members with their respective roles and appointers.

2012 Bond Oversight Commission Members:

Member	Role	Appointed By
Mr. Bruce Burke	Member	City Manager
Mr. Dale Calvert	Member	City Manager
Mr. Daniel Castro	Member	Ward 1
Mr. Melvin Cohen	Member	Mayor
Mr. Ramon Gaanderse	Chairperson	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	Ward 5
Mr. Steve Pageau	Member	Ward 6
Mr. Steve Alan Taylor	Member	Ward 2

The BOC was established by the City Manager and the Tucson Mayor and City Council with the purpose of overseeing the following for the Proposition 409 Bond Program:

- The expenditure of funding on major streets
- The distribution of funds to residential streets

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Bond Oversight Commission Meeting Highlights – FY 2014-15

The Bond Oversight Commission met seven times in FY 2014 – 2015. 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.

Bond Oversight Commission Attendance Summary

Name	Appointed by:	1/16/14	2/13/14	Sub-Committee 2/19/14	6/11/14	8/21/14	10/23/14	1/12/15
Bruce Burke	City Manager	x	x		x	x		x
Dale Calvert	City Manager		x	x	x		x	x
Daniel Castro	Ward 1	x	x		x	x		x
Melvin Cohen	Mayor	x	x		x	x	x	
Ramon Gaanderse, Chair	City Manager	x	x			x	x	x
Ricky Hernandez	City Manager		x		x		x	x
Ian Johnson	Ward 3	x	x		x	x	x	x
Dr. Lorraine Morales	Ward 4	Vacant	New Member				x	x
Jesse Lugo, Co-Chair	Ward 5	x	x	x	x	x	x	x
Steve Pageau	Ward 6	x	x	x	x	x	x	x
Steve Taylor	Ward 2		x	x		x	x	x

January 16, 2014

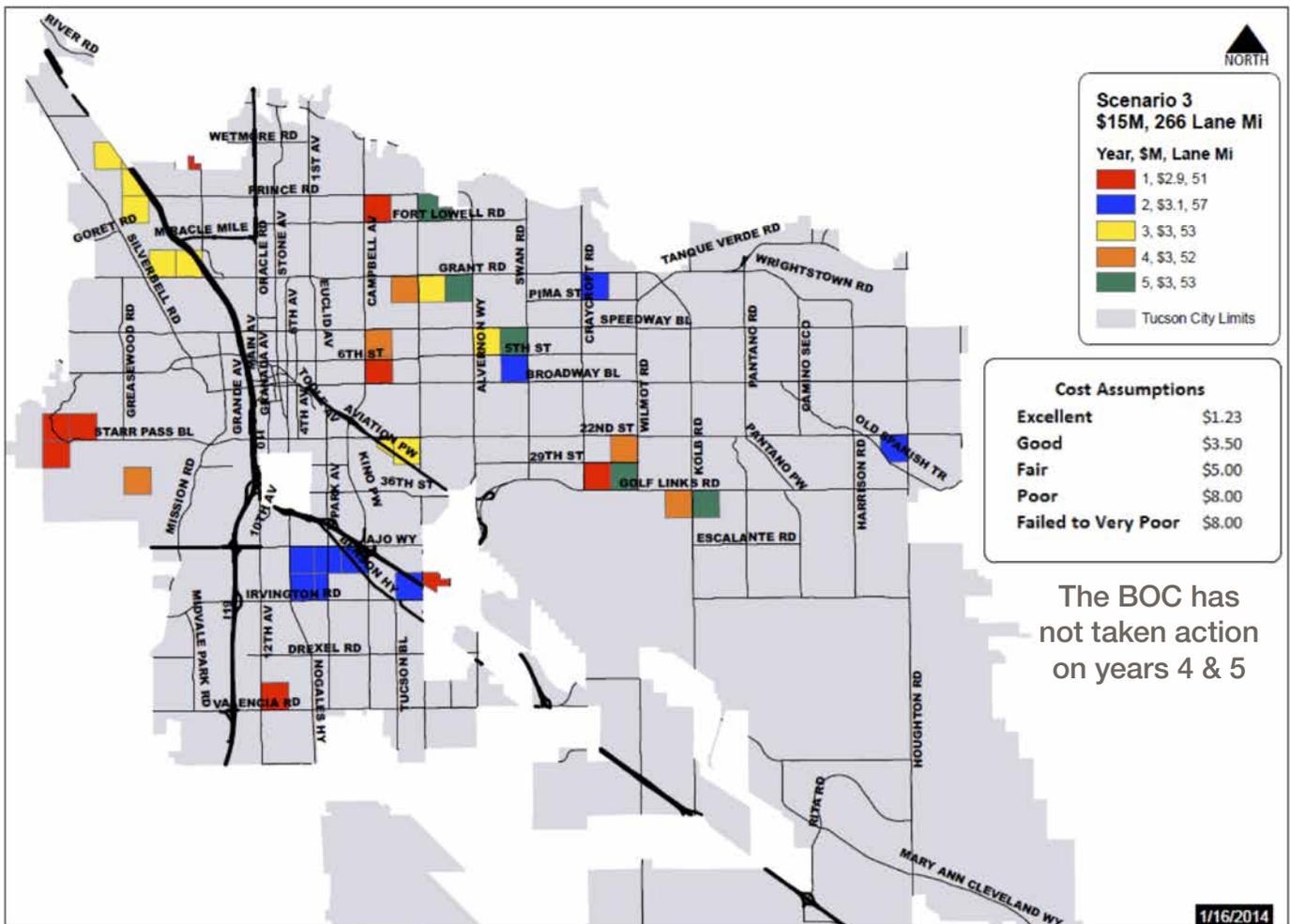
The BOC received a review of the Program Schedule for 2014 and a Bond Financial Report update. The BOC made a motion to accept the restoration of residential streets presented in ‘Scenario 3,’ and incorporate two color blocks. The red block would be the roadways restored first followed by the orange block. Additionally \$150,000-\$300,000 would be used to improve Bike Boulevards that are also residential streets.



February 13, 2014

The BOC reviewed and approved the January 16, 2014 Meeting Summary with the following amendment to the motion regarding selection of residential streets. It was amended to specify that **the BOC authorized two fiscal years of paving treatment under scenario three: the red geo grids for fiscal year 13-14, and the orange geo grids for fiscal 14-15.** Further amended that for each of these fiscal years, a minimum of \$150,000 per year within appropriations may be allocated to residential streets within these geo grids that are also designated as Bicycle Boulevards. Additionally, if the total cost of treating the residential streets within the geo grids comes in under \$3 million per year, then the remaining funds up to \$300,000 may be applied towards pavement treatment on streets designated as Bicycle Boulevards extending from the treatment geo grids.

Residential Scenario 3



June 11, 2014

BOC members discussed bicycle lane issues, safety and coordination of ideas with the Bicycle Advisory Committee. Other discussions included issues with residential street conditions and the lack of funding available for improvements. Members requested that TDOT provide videos of the residential street conditions for future discussions with Mayor and Council. Additionally, a discussion was held as to who would be nominated as BOC Chair and Vice Chair for 2014-2015. **The BOC nominated and elected Ramon Gaanderse to serve as the BOC Chair and Jesse Lugo to serve as the BOC Vice Chair for the 2014/2015 term.** It was announced that Dr. Lorraine Morales had been appointed to fill the Ward 4 vacancy on the BOC.



August 21, 2014

TDOT staff provided the BOC with a recap of FY 2014 Program and Status for FY 2015 in a detailed executive summary that indicates roadways completed, under construction or in the procurement process, arterial and collector projects that are currently in design, and lessons learned. Additionally, the outlined roadways were shown with their corresponding asphalt treatments.

TDOT Public Relations staff provided the BOC with an update of the materials that will be posted on the website and provided to constituents. Video production via Channel 12 has been documenting the paving process and residential street conditions. The first neighborhood filmed was Sam Hughes. It was suggested that the former and current BOC chairs have a presence in the media.

Ramon Gaanderse, BOC Chair and Executive Director of Arizona Transportation Builders Association, led the discussion of contractor involvement. He provided the BOC with a memo outlining feedback from the contractors. Regarding bidding on jobs, contractors suggested that TDOT publish the schedule of projects in advance as well as provide cost projections. Additionally, the contractors indicated that TDOT might want to consider instituting more JOCs. Overall, the decision to bid is a business decision dependent on workload and economic environment.

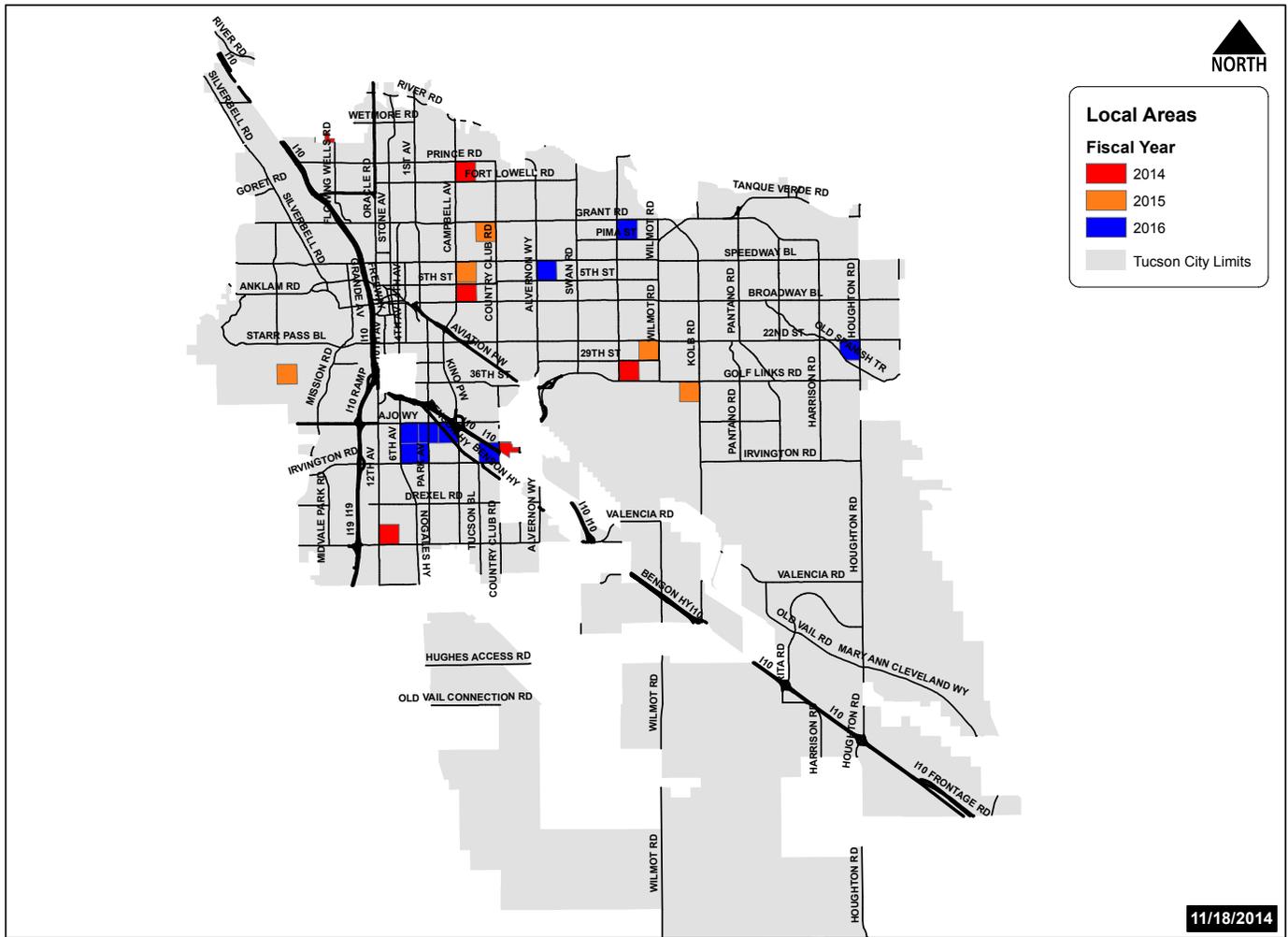
Jesse Lugo, BOC Vice Chair, discussed a letter he wrote to Mayor and Council explaining the major funding deficit regarding roadway restoration. Improving and restoring all neighborhood streets would cost approximately \$700M. The Roadway Recovery Program was only allocated \$15M – a significant shortfall. In the letter, Mr. Lugo explained the importance of establishing voter confidence so that the RTA tax could potentially be extended. BOC members discussed their support regarding funding for residential streets and saw an opportunity for BOC to take the lead on the funding issue. Members have received positive constituent comments regarding the quality of roadway projects.



October 23, 2014

The BOC received a presentation on the recommended residential street improvement projects for FY 2016-2017. **The BOC made a motion to identify the blue grids indicated on the map as the fiscal year 2016 project areas with the substitution of a yellow grid in the Alvernon/Speedway area.** TDOT will provide the BOC with recommendations for the residential projects that will be completed in Fiscal Years 2017 and 2018 with allocation in each of the wards.

Road Recovery Local Areas



Members discussed opportunities to review TDOT’s FY 2015-16 budget proposals to Mayor and Council and identify how the BOC can support and participate in annual street maintenance program planning and increased funding.

As requested by Director Cole and illustrated on the attached map and pursuant to the City Attorney’s approval, the BOC will support extending project limits on voter-approved roadways to complete the segments that would otherwise be unimproved. This motion is based on the understanding that the roadways included in the bond will all be completed and there is an anticipated funding surplus.

A discussion was held concerning BOC goals for 2015-2016. The BOC will continue to support the acceleration of street improvements from future fiscal years, citizen input concerning bond roadway or residential street improvements, and extending project limits on voter-approved roadways to complete the segments that would otherwise be unimproved based on an anticipated funding surplus. Additionally, the BOC will continue to review and provide feedback to TDOT’s budget requests as well as advocate for future roadway funding proposals to Mayor and Council.

January 12, 2015

BOC members were presented with Bond Financial Report and Program status and discussion followed. Members were provided updates on extending project limits on voter-approved roadways to complete the segments that would otherwise be unimproved, based on anticipated funding surplus. The BOC made a motion to seek counsel regarding allocation of surplus funds to residential and arterial roadways. Members also discussed recent citizen communications and emails

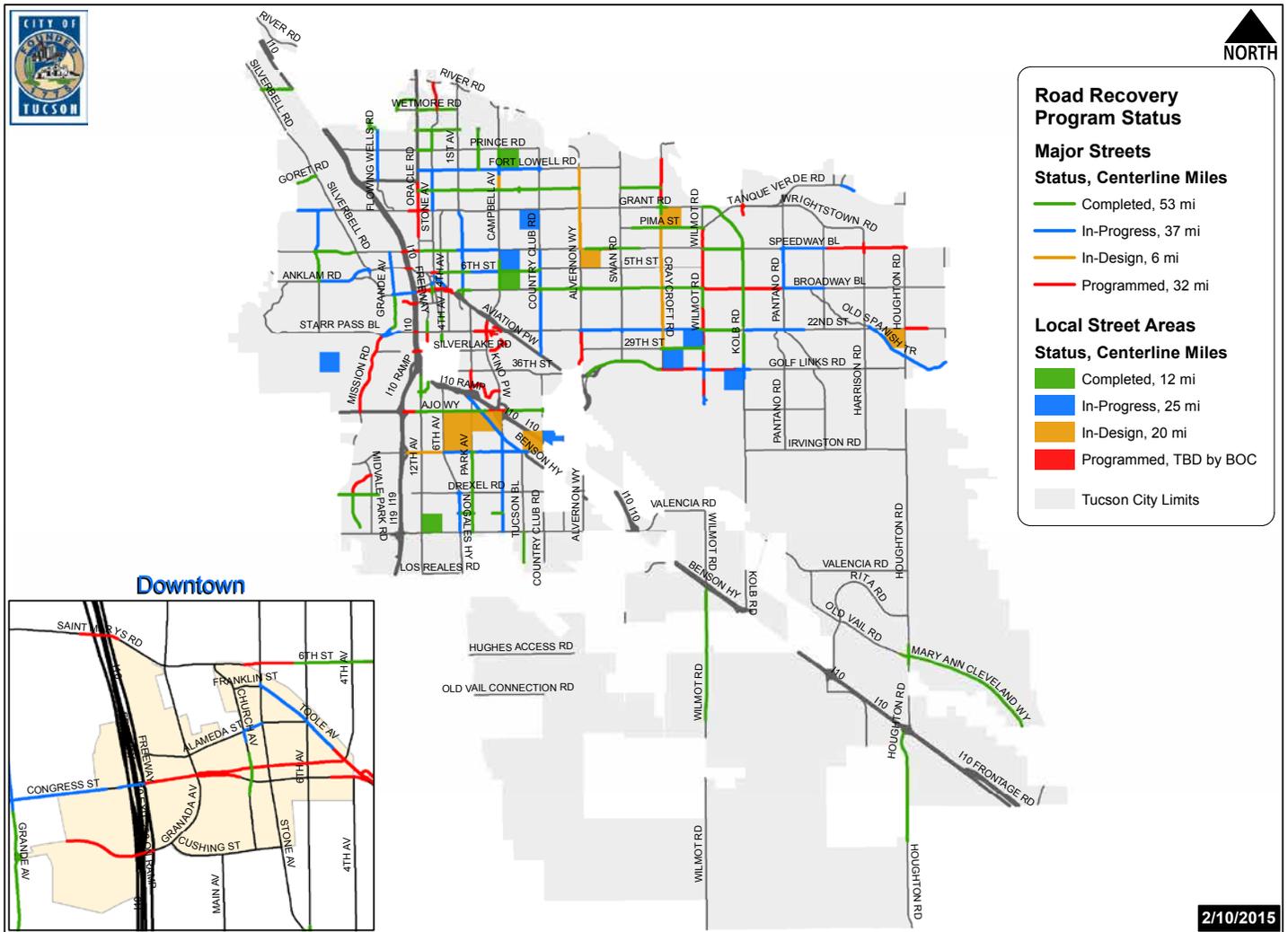
received by TDOT concerning Bond roadway or residential street improvement.



Roadway Recovery Program Status

The map below depicts the current status of the Roadway Recovery Program outlining completed, in-progress, in-design, and future programmed roadways. Additionally, the map indicates the mileage of improvements.

Road Recovery Program Status



As of July 2015, an additional 48 streets listed in **Attachment A** will have reached “Substantial Completion”. Substantial Completion simply means some minor items, including final payment to the contractor, are still outstanding. The vast majority of these streets are included in the packages listed in the Financial Review and Status on page 12.

These roadways have been improved using the different 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 treatment options included in the program are chip seal, fog seal, surface seal, seal coat, mill and overlay and reconstruction. **Attachment A** will specify which roadways have been completed and which treatment was used. As seen in **Attachment A**, the term ‘structural overlay’ is used for mill and overlay projects that are 2” or more. Additionally, chip seal, fog seal, crackseal, and surface seal are all categorized as surface seals.

Treatment Type	Service Life	Description
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.
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.
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.
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.
Reconstruction	20 Years	Complete design and pavement replacement of an existing failed street.

BOC: Financial Review and Status

This Financial Status details how the Program will have completed a total of \$42,792,344 in its first two years; while Attachment A, together with the 2015 streets in progress, shows that the vast majority of the streets approved by voters will have been completed. Please note that the additional \$2.8M in expenditures is due to the proposed additions of two miles of Old Nogales Highway and one mile of Stone Avenue to the Roadway Recovery Program.

Proposition 409 Road Recovery Program Fiscal Year 2014 Program Summary as of February 9, 2015

Treatment Type	Pkg No.	Engineer's Estimate	Actual Bid	Awarded To	Estimated Completion Date	Actual Contractor Construction Cost	Actual Other Incidental Costs	Actual Total Costs To Date	Current Estimated Package Costs	Center-line Miles	Project Status
FISCAL YEAR 2014 PROJECTS											
Fogseal	1	\$480,803	\$519,264	So. Az. Paving	12/13/13	\$870,370	\$4,829	\$875,199	\$875,199	16.71	100% Complete
Seal Coat	1	\$3,149,345	\$2,995,088	So. Az. Paving	07/26/14	\$2,794,994	\$67,723	\$2,862,716	\$2,862,716	15.17	Construction Complete
Crackseal	1	\$44,900	\$453,500	So. Az. Paving	5/2/14	See above	See above	See above			100% Complete
Mill & Overlay	1	\$485,213	\$454,786	So. Az. Paving	09/04/13	\$541,682	\$14,197	\$555,879	\$555,879	0.8	100% Complete
Mill & Overlay	2	\$3,871,572	\$3,202,602	Granite Construction	05/25/14	\$3,700,404	\$224,432	\$3,924,835	\$3,924,835	5.15	Construction Complete
Mill & Overlay	3	\$773,645	\$650,998	So. Az. Paving	04/17/14	\$745,769	\$37,429	\$783,198	\$783,198	2.72	100% COMPLETE
Mill & Overlay	4	\$320,174	\$300,689	Granite Construction	04/15/14	\$258,834	\$29,585	\$288,419	\$288,419	0.75	100% COMPLETE
Mill & Overlay	5	\$1,779,192	\$1,693,232	So. Az. Paving	10/10/14	\$1,417,283	\$149,499	\$1,566,782	\$1,692,805	2.7	Construction Complete
Mill & Overlay	6	\$2,300,000	\$2,381,386	So. Az. Paving	01/11/15	\$1,767,940	\$112,036	\$1,879,976	\$2,673,129	4.68	Active Construction
Reconstruct	1	\$1,423,628	\$1,353,099	Granite Construction	06/25/14	\$1,383,018	\$122,939	\$1,505,957	\$1,898,520	1.48	Construction Complete
Reconstruct	2	\$2,562,916	\$1,963,628	So. Az. Paving	08/13/14	\$2,106,187	\$188,688	\$2,294,876	\$2,342,432	2.94	Construction Complete
Residential Streets	1	\$677,176	\$637,428	So. Az. Paving	07/23/14	\$727,070	\$44,343	\$771,413	\$775,373	3.85	Construction Complete
Residential Streets	2	\$964,488	\$848,000	So. Az. Paving	TBD	\$0	\$0	\$0	\$848,080	5.57	Bids Opened 9/8/14. Start Mar. 2015
Residential Streets	3	\$566,384	\$505,380	So. Az. Paving	07/10/14	\$611,198	\$20,681	\$631,880	\$631,880	4.13	Construction Complete
Residential Streets	4	\$628,768	\$599,779	So. Az. Paving	07/16/14	\$767,323	\$37,669	\$804,992	\$760,878	3.83	Construction Complete
Totals		\$20,432,304	\$18,558,859			\$17,692,072	\$1,054,050	\$18,746,122	\$20,913,344	70.48	

**Proposition 409 Road Recovery Program Fiscal Year 2014
Program Summary as of February 9, 2015
Continued**

Treatment Type	Pkg No.	Engineer's Estimate	Actual Bid	Awarded To	Estimated Completion Date	Actual Contractor Construction Cost	Actual Other Incidental Costs	Actual Total Costs To Date	Current Estimated Package Costs	Center-line Miles	Project Status
FISCAL YEAR 2015 PROJECTS											
Fogseal	1	\$536,597	\$493,896	So. Az. Paving		\$236,249	\$2,794	\$239,042	\$244,000	11.52	Active Construction
Reconstruct	1	\$2,026,303	\$1,763,816	So. Az. Paving		\$0	\$0	\$0	\$1,908,000	1.75	Bids Open 10/22/14. Construct in March 2015
Rehabilitation	1	\$13,906,400	\$10,899,500	Sunland Asphalt		\$0	\$185,026	\$185,026	\$11,793,000	16.69	Notice to Proceed effective 2/16/15.
Rehabilitation*	4	\$5,800,000	\$4,991,691	So. Az. Paving		\$0	\$53,002	\$53,002	\$5,401,000	6.94	Recommend Award to So. Az. Paving
Residential Streets*	1	\$2,900,000	\$2,417,417	TBD		\$0	\$0	\$0	\$2,533,000	19.96	Recommend Award to Intermountain Slurry Seal
Totals		\$25,169,300	\$20,566,320			\$236,249	\$240,821	\$477,070	\$21,879,000	56.86	

* Construction anticipated to begin by early April 2015.

Conclusion

Overall, the Roadway Recovery Program is targeted to be delivered to constituents on schedule and on budget (see map on pg. 9 and financials on pg. 11). In addition to supporting the acceleration of arterial street improvements from future fiscal years, the BOC has adopted the upcoming residential streets for FY 2016-2017.

Throughout the duration of the bond program, TDOT has held monthly Utility Coordination Committee meetings with local utility companies to coordinate schedules and set dates for future work to occur. Several pavement preservation projects have recently been postponed to ensure that utility improvements are made prior to any pavement recovery work being done. By postponing these projects, TDOT has significantly reduced the likelihood of newly installed pavement being damaged due to utility construction activities.

Additionally, the bond program overcome several challenges. Poor soil conditions, the geographic location of roadways next to high volume commercial corridors, inclement weather, and local events have all affected the program's schedule. However, adequate planning, advanced data collection and thorough design and scheduling has significantly reduced the impact of these challenges to the overall schedule and budget.

Finally, the bid environment for the roadway improvements has been favorable due to the decrease in asphalt prices. Contract documents are advertised according to City policy and State statute and contractors are selected on a low bid basis. There has been a direct correlation between oil prices and asphalt prices allowing the BOC to continue to accelerate projects and potentially improve more roadways.



Attachment A: Major Streets

This checklist outlines which roadways have been completed and which treatment was used. Please note that a strikethrough (“~~14 15~~”) represents a roadway originally programmed in a fiscal year that has been moved to the alternative year not crossed out. Some projects have been delayed due to utility projects or other unforeseen issues and others have been accelerated to fill in for the delayed projects or because of budget capacity.

Complete	Fiscal Year	Route	Project Limits		Treatment
			Begin	End	
✓	14	10th Ave	19th St	22nd St	Fog Seal
✓	14	10th Ave	43rd St	44th St	Fog Seal
	14	10th Ave	22nd St	26th St	Surface Seal
✓	14	12th Ave	38th St	42nd St	Surface Seal
✓	14	12th Ave	42nd St	44th St	Surface Seal
✓	14	22nd St	Craycroft Rd	Wilmot Rd	Structural Overlay
	14	22nd St	Houghton Rd	Intersection	Structural Overlay
	14	22nd St	I-10 Frontage Rd (West)	I-10 Frontage Rd (East)	Fog Seal
	15	22nd St	Alvernon Way	Swan Rd	Fog Seal
	18	22nd St	Kino Pkwy	Intersection	Fog Seal
	14 15	22nd St	Swan Rd	Craycroft Rd	Structural Overlay
	18 15	22nd St	Craycroft Rd	Rook Ave	Structural Overlay
	18 15	22nd St	Kolb Rd	Sarnoff Dr	Structural Overlay
	18	23rd St	Cherrybell Sv	Intersection	Fog Seal
✓	14	29th St	Craycroft Rd	Wilmot Rd	Fog Seal
✓	14	44th St	12th Ave	10th Ave	Fog Seal
✓	14	6th Ave	18th St	Intersection	Fog Seal
✓	14	6th Ave	23rd St	25th St	Surface Seal
✓	15 14	6th St	Stone Ave	Park Ave	Structural Overlay
✓	15 14	6th St	Campbell Ave	Country Club Rd	Structural Overlay
	15	6th St	Park Ave	Campbell Ave	Structural Overlay
✓	15 14	Ajo Way (ADOT IGA @ I-19 & I-10)	I-19 Exit Ramp (West)	Country Club Rd	Structural Overlay
	14	Ajo Way (IGA: I-10 Project)	Kino Ajo Connection Ramp	Kino Ajo Connection Ramp	Fog Seal

Complete	Fiscal Year	Route	Project Limits		Treatment
			Begin	End	
	15	Alameda St	Stone Ave	Church Ave	Fog Seal
✓	14	Alvernon Way	Broadway Blvd	Intersection	Surface Seal
	17	Alvernon Way	22nd St	29th St	Surface Seal
	18 16	Alvernon Way	Fort Lowell Rd	Speedway Blvd	Structural Overlay
	15	Anklam Rd	Greasewood Rd	Anklam Rd/Saint Marys Rd	Fog Seal
✓	14	Auto Mall Dr/Fairview Ave (Fairview Project: PC IGA)	Wetmore Rd	Oracle Rd	Structural Overlay
	16 15	Benson Hwy (Benson Hwy Project)	I-10	Irvington Rd	Structural Overlay
✓	14	Bilby Rd	Del Moral Blvd	Campbell Ave	Surface Seal
✓	14	Bilby Rd	Nogales Hwy	Park Ave	Surface Seal
	16 15	Bilby Rd (Nogales Hwy Project)	Nogales Hwy	Intersection	Structural Overlay
✓	14	Broadway Blvd	Craycroft Rd	Wilmot Rd	Fog Seal
✓	14	Broadway Blvd	Euclid Ave	Park Ave	Surface Seal
✓	14	Broadway Blvd	Stewart Ave	Williams Blvd	Surface Seal
	14	Broadway Blvd	4th Ave	Intersection	Fog Seal
	14	Broadway Blvd	5th Ave	Intersection	Fog Seal
	14	Broadway Blvd	Granada Ave	Church Ave	Surface Seal
	17	Broadway Blvd	Wilmot Rd	Pantano Rd	Surface Seal
	16 15	Broadway Blvd	Pantano Rd	Camino Seco	Structural Overlay
✓	14	Campbell Ave	University Blvd	Broadway Blvd	Structural Overlay
✓	15 14	Campbell Ave	Prince Rd	Intersection	Structural Overlay
	15	Campbell Ave	Benson Hwy	Valencia Rd	Fog Seal
	15	Campbell Ave	Prince Rd	Fort Lowell Rd	Fog Seal
	18	Campbell Ave	Warren Ave	Intersection	Fog Seal
	15	Campbell Ave	Fort Lowell Rd	Glenn St	Structural Overlay
	16 15	Campbell Ave (Benson Hwy Project)	Benson Hwy	Intersection	Structural Overlay
	18	Cherrybell Sv	22nd St	Intersection	Fog Seal
✓	14	Church Ave	Pennington St	Broadway Blvd	Surface Seal

Complete	Fiscal Year	Route	Project Limits		Treatment
			Begin	End	
	15	Church Ave	Alameda St	Intersection	Fog Seal
✓	15 14	Columbus Blvd	Speedway Blvd	Intersection	Structural Overlay
	14	Congress St	4th Ave	5th Ave	Fog Seal
	14	Congress St	5th Ave	Granada Ave	Surface Seal
	14	Congress St	I-10 Frontage Rd (East)	Granada Ave	Surface Seal
	15	Congress St	Grande Ave	I-10 Frontage Rd (East)	Fog Seal
✓	14	Country Club Rd	Broadway Blvd	Intersection	Surface Seal
✓	15 14	Country Club Rd	Ajo Way	Intersection	Structural Overlay
	15	Country Club Rd	Fort Lowell Rd	Intersection	Fog Seal
	16 15	Country Club Rd	Broadway Blvd	Aviation Pkwy	Structural Overlay
	16 15	Country Club Rd	Speedway Blvd	Broadway Blvd	Structural Overlay
✓	14	Craycroft Rd	Glenn St	Grant Rd	Fog Seal
	17	Craycroft Rd	River Rd	Glenn St	Surface Seal
	18 16	Craycroft Rd	Grant Rd	29th St	Structural Overlay
	17	Cushing St	Avenida Del Convento	I-10 Frontage Rd (East)	Fog Seal
✓	14	Drexel Rd	Mission Rd	Mahan Dr	Fog Seal
	16 15	Drexel Rd (Nogales Hwy Project)	Nogales Hwy	Intersection	Structural Overlay
✓	14	El Camino Del Cerro	Silverbell Rd	I-10 Frontage Rd (West)	Fog Seal
✓	14	Euclid Ave	Broadway Blvd	12th Ave	Surface Seal
	16 15	Euclid Ave	6th St	Broadway Blvd	Structural Overlay
	16 15	Euclid Ave	Speedway Blvd	University Blvd	Structural Overlay
	16 15	Euclid Ave	University Blvd	6th St	Structural Overlay
	18 15	Euclid Ave	Grant Rd	Speedway Blvd	Structural Overlay
	18	Fairland Sv	Silverlake Rd	Intersection	Fog Seal
	17 15	Flowing Wells Rd	Roger Rd	Miracle Mile	Structural Overlay
	15	Fort Lowell Rd	Oracle Rd	Country Club Rd	Fog Seal
✓	14	Glenn St	Oracle Rd	Stone Ave	Surface Seal
✓	14	Glenn St	Stone Ave	Alvernon Way	Surface Seal
✓	14	Glenn St	Swan Rd	Craycroft Rd	Surface Seal

Complete	Fiscal Year	Route	Project Limits		Treatment
			Begin	End	
	16 15	Glenn St (Stone Ave Project)	Stone Ave	Intersection	Structural Overlay
✓	14	Golf Links Rd	Ajo Way	Swan Rd	Fog Seal
	15	Golf Links Rd	Wilmot Rd	Intersection	Fog Seal
	16 15	Golf Links Rd	Mann Ave	Kolb Rd	Fog Seal
	17	Golf Links Rd	Craycroft Rd	Wilmot Rd	Surface Seal
	17	Golf Links Rd	Wilmot Rd	Mann Ave	Surface Seal
✓	14	Goret Rd	Gaia Pl	Silverbell Rd	Surface Seal
✓	14	Grande Ave	Congress St	Intersection	Structural Overlay
✓	14	Grande Ave	Grande Ave/Cushing St Roundabout	Mission Ln	Structural Overlay
	15	Grande Ave	Congress St	Intersection	Fog Seal
	15	Grande Ave	Mission Ln	Mission Rd	Fog Seal
	17 15	Grande Ave	Speedway Blvd	Congress St	Structural Overlay
✓	14	Grande Ave/Cushing St Roundabout	Congress St	Grande Ave/Cushing St Roundabout	Fog Seal
✓	14	Grant Rd	Beverly Ave	Craycroft Rd	Fog Seal
✓	14	Grant Rd	Wilmot Rd	Tanque Verde Rd	Structural Overlay
	18	Grant Rd	Oracle Rd	Intersection	Fog Seal
✓	14	Greasewood Rd	Speedway Blvd	Intersection	Fog Seal
✓	15 14	Greasewood Rd	Speedway Blvd	Anklam Rd	Surface Seal
	16 15	Greasewood Rd	Ironwood Hill Dr	Speedway Blvd	Structural Overlay
	17	Harrison Rd	Calle Eunice	Speedway Blvd	Fog Seal
✓	14	Houghton Rd	I-10 Exit Ramp (South)	Dawn Rd	Structural Overlay
✓	14	Houghton Rd	Rita Rd	Old Vail Rd	Fog Seal
	17	Houghton Rd	Speedway Blvd	Intersection	Fog Seal
	17 15	Ironwood Hill Dr	Painted Hills Rd	Silverbell Rd	Structural Overlay
	16 15	Irvington Rd	6th Ave	Park Ave	Structural Overlay
	17 15	Irvington Rd	Park Ave	Benson Hwy	Structural Overlay
	18 16	Irvington Rd	I-19 Ramp (East)	6th Ave	Structural Overlay
	18	Kino Pkwy	22nd St	Intersection	Fog Seal
	16	Kolb Rd	Golf Links Rd	Intersection	Fog Seal

Complete	Fiscal Year	Route	Project Limits		Treatment
			Begin	End	
✓	14	Kolb Rd (Kolb Rd Project)	22nd St	Golf Links Rd	Structural Overlay
✓	14	Kolb Rd (Kolb Rd Project)	Broadway Blvd	21st St	Structural Overlay
✓	14	Kolb Rd (Kolb Rd Project)	Speedway Blvd	Broadway Blvd	Structural Overlay
✓	14	Kolb Rd (Kolb Rd Project)	Tanque Verde Rd	Speedway Blvd	Structural Overlay
✓	14	Mary Ann Cleveland Way	Houghton Rd	Intersection	Fog Seal
	15	Mission Rd	Grande Ave	Intersection	Fog Seal
	15	Mission Rd	Grande Ave	Starr Pass Blvd	Fog Seal
	17	Mission Rd	Grande Ave	Ajo Way	Surface Seal
	15	Mission Rd Ramp A	Grande Ave	Mission Rd	Fog Seal
✓	14	Mountain Ave	Roger Rd	Fort Lowell Rd	Fog Seal
	15	Nicaragua Dr	Wilmot Rd	Intersection	Fog Seal
	16 15	Nogales Hwy (Nogales Hwy Project)	Drexel Rd	Valencia Rd	Structural Overlay
✓	14	Oak Tree Dr	Drexel Rd	Headley Rd	Fog Seal
	14	Oak Tree Dr	Midvale Park Rd	Drexel Rd	Fog Seal
	17 15	Old Spanish Tr	Harrison Rd	Melpomene Way	Structural Overlay
✓	14	Old Vail Rd	Rita Rd	Houghton Rd	Fog Seal
	18	Oracle Rd	Grant Rd	Intersection	Fog Seal
	17	Oracle Rd	Grant Rd	Drachman Rd	Surface Seal
	17	Oracle Rd	Miracle Mile	Grant Rd	Surface Seal
	16 15	Pantano	Speedway Blvd	Broadway Blvd	Structural Overlay
	17	Park Ave	36th St	Tucson Market Place Blvd	Fog Seal
✓	14	Pima St	Swan Rd	Tanque Verde Rd	Surface Seal
✓	14	Prince Rd	Mountain Ave	Intersection	Fog Seal
✓	15 14	Prince Rd	Oracle Rd	Stone Ave	Structural Overlay
✓	14	Roger Rd	Mountain Ave	Intersection	Fog Seal
✓	14	Roger Rd	Oracle Rd	1st Ave	Surface Seal
	17	Sabino Canyon Rd	Tanque Verde Rd	Intersection	Fog Seal
	14	Saint Marys Rd	I-10 Frontage Rd (West)	I-10 Frontage Rd (East)	Fog Seal
	15	Saint Marys Rd	Anklam Rd	Silverbell Rd	Fog Seal
✓	14	Silverbell Rd	El Camino Del Cerro	Intersection	Fog Seal

Complete	Fiscal Year	Route	Project Limits		Treatment
			Begin	End	
	15	Silverbell Rd	Saint Marys Rd	Intersection	Fog Seal
	14	Silverlake Rd	I-10 Frontage Rd (West)	I-10 Frontage Rd (East)	Fog Seal
	18	Silverlake Rd	Fairland Sv	Intersection	Fog Seal
	18	Silverlake Rd	Kino Pkwy	Campbell Ave	Fog Seal
✓	14	Speedway Blvd	Wilmot Rd	Kolb Rd	Surface Seal
✓	15 14	Speedway Blvd	7th Ave	2nd Ave	Structural Overlay
✓	15 14	Speedway Blvd	Alvernon Way	Rosemont Blvd	Structural Overlay
✓	15 14	Speedway Blvd	Greasewood Rd	Silverbell Rd	Structural Overlay
✓	15 14	Speedway Blvd	Main Ave	7th Ave	Structural Overlay
✓	16 14	Speedway Blvd	Main Ave	Intersection	Structural Overlay
	14	Speedway Blvd	I-10 Frontage Rd (West)	I-10 Frontage Rd (East)	Fog Seal
	17	Speedway Blvd	Camino Seco	Houghton Rd	Fog Seal
	16 15	Speedway Blvd	2nd Ave	Campbell Ave	Structural Overlay
	18 15	Speedway Blvd	Pantano Rd	Camino Seco	Structural Overlay
	15	Starr Pass Blvd	Camino Santiago	Santa Cruz Ln	Fog Seal
✓	14	Stone Ave	18th St	Intersection	Fog Seal
✓	15 14	Stone Ave	Roger Rd	Prince Rd	Structural Overlay
	15	Stone Ave	Fort Lowell Rd	Intersection	Fog Seal
	15	Stone Ave	Toole Ave	Intersection	Fog Seal
	17	Stone Ave	River Rd	Wetmore Rd	Surface Seal
	16 15	Stone Ave (Stone Ave Project)	Fort Lowell Rd	Glenn St	Structural Overlay
	16 15	Stone Ave (Stone Ave Project)	Glenn St	Grant Rd	Structural Overlay
	15	Swan Rd	22nd St	Intersection	Fog Seal
	16	Tanque Verde Rd	Catalina Hwy	Intersection	Fog Seal
	17	Tanque Verde Rd	Sabino Canyon Rd	Intersection	Fog Seal
	14	Toole Ave	4th Ave	Intersection	Fog Seal
	14	Toole Ave	Broadway Blvd	Intersection	Fog Seal
	15	Toole Ave	Stone Ave	4th Ave	Fog Seal
✓	14	Tucson Blvd	Glenn St	Intersection	Surface Seal

Complete	Fiscal Year	Route	Project Limits		Treatment
			Begin	End	
✓	14	Tucson Blvd	Valencia Rd	City Limits	Structural Overlay
	17	Tucson Market Place Blvd (Park Ave Project)	Park Ave	Kino Pkwy	Fog Seal
✓	14	Wetmore Rd	Oracle Rd	Stone Ave	Structural Overlay
✓	14	Wetmore Rd	Stone Ave	1st Ave	Structural Overlay
✓	14	Wetmore Rd (Fairview Project: PC IGA @ Wetmore)	Fairview Ave	Intersection	Structural Overlay
✓	14	Wilmot Rd	29th St	Intersection	Fog Seal
✓	14	Wilmot Rd	Broadway Blvd	Park Place Dr	Fog Seal
✓	14	Wilmot Rd	I-10 Exit Ramp (South)	Hermans Rd	Fog Seal
	15	Wilmot Rd	29th St	Golf Links Rd	Fog Seal
	15	Wilmot Rd	Golf Links Rd	Nicaragua Dr	Fog Seal
	17	Wilmot Rd	22nd St	29th St	Structural Overlay
	17	Wilmot Rd	29th St	Golf Links Rd	Structural Overlay
	17	Wilmot Rd	Golf Links Rd	Intersection	Structural Overlay
	17	Wilmot Rd	Park Place Dr	22nd St	Structural Overlay
	17	Wilmot Rd	Pima St	Speedway Blvd	Structural Overlay
	17	Wilmot Rd	Speedway Blvd	Broadway Blvd	Structural Overlay