MEMORANDUM

Date: October 30, 2017

To: The Honorable Chair and Members
Pima County Board of Supervisors

From: C.H. Huckelberry
County Administrator

Re: **Additional Arterial and Collector Pavement Preservation Funds for Fiscal Year 2017/18**

Based on favorable bids received for a number of projects that are contracted and underway as well as receiving a State Highway Fund Special Distribution in the amount of $183,768, an additional amount of approximately $335,000 will be applied to pavement preservation actions identified in the October 25, 2017 from the Interim Transportation Director. This work supplements the Arterial and Collector Pavement Preservation Program. The available funds will be applied to the highest priority preservation projects, intended to provide long-term serviceability of the arterial highway system where average daily traffic volumes are the highest.

CHH/anc

Attachment

c: Carmine DeBonis, Jr., Deputy County Administrator for Public Works
Ana Olivares, Interim Director, Transportation Department

PIMA COUNTY
TRANSPORTATION

MEMORANDUM

DATE: October 25, 2017

TO: C. H. Huckelberry
County Administrator

FROM: Ana M. Olivares, P.E.
Interim Director

THRU: Carmine DeBonis, Jr.
Deputy County Administrator
for Public Works

SUBJECT: Fiscal Year 2017/18 Arterial and Collector Pavement Preservation Program Remaining Funds

The Fiscal Year 2017/18 Arterial and Collector Pavement Preservation Program is underway and all of the planned work identified in the June 26, 2017, memorandum from Deputy County Administrator, Carmine DeBonis Jr., has been bid. We received favorable bids on the work and, if there are no additional costs, we will have approximately $335,000 remaining in funds to spend this fiscal year. In addition, Senate Bill 1523 included a State Highway Fund Special Distribution, totaling $3,185,200, for FY 2017/18. Pima County's share of this distribution is $183,768, and this funding will also be used for the Arterial and Collector Pavement Preservation Program, bringing the total available funding to $518,768. The table below shows a list of good candidates for pavement preservation that we recommend completing. These roads were selected based on high traffic volumes and the ability to preserve the pavement by applying a fog seal treatment. The estimated cost of these segments is $477,974.

We intend to bid these in total, using our JOCs. The work will not start on these until the majority of the ongoing work is completed so we have a more definite number on the remaining funds. If necessary, we will eliminate segments, starting with number 6, to remain within available remaining funds.

	Route	From	To	BOS	Condition Rating	Treatment	Estimated Treatment Cost	ADT	Last Treated (Yr)
1	Ina	Marana Limits	Shannon	1	Good	Fog Seal	$43,736	29,000	2009
2	Craycroft	River	Sunrise	1	Good	Fog Seal	$149,688	21,000	2008
3	Palo Verde	ADOT r/w	Benson Hwy	2	Good	Fog Seal	$23,760	19,000	2013
4	Alvernon	Aerospace	Los Reales	2	Good	Fog Seal	$53,856	14,500	2014
5	Campbell	River	Sunrise	1	Good	Fog Seal	$51,068	12,500	2012
6	Mary Ann Cleveland	Colassal Cave	city limits	4	Poor	Micro Seal	$155,866	11,000	2005
							$477,974		

Please let us know if you need additional information.

AMO:dg

Attachment

c: Jim Cunningham, Interim Deputy Director
David Cummings, Maintenance and Operations Division Manager
Robert Lane, Civil Engineering Manager

PIMA COUNTY
PUBLIC WORKS

MEMORANDUM

Public Works Administration

Date: June 26, 2017

To: C.H. Huckelberry
County Administrator

From: Carmine DeBonis, Jr.
Deputy County Administrator

Re: Fiscal Year 2017/18 Arterial and Collector Pavement Preservation Program

The following responds to your May 9, 2017 request to identify pavement preservation repairs on arterial and collector roadways using Highway User Revenue Funds (HURF).

Pima County Department of Transportation (PCDOT) maintains over 669 miles of collector and arterial roadways. Roughly, 134 of these miles rate failed, with an estimated repair cost in excess of $ 28.6 million. Another 449 miles are rated in poor, fair or good condition, with 86 miles rated in very good condition. Since the cost to repair failed roadways is significant, only a small portion would be repaired with limited available funds while other roads continue to deteriorate. In order to prevent additional roads from declining to a failed condition, which is more costly to repair, it is recommended that approximately $6.0 million of available HURF and PCDOT budget contingency funding be applied to pavement preservation treatments on poor, fair and good rated arterial and collector roadways.

The attached list, prepared by PCDOT, identifies the roadways recommended for repair. These roads were selected based on road condition, travel volume and ability to prevent further deterioration. Shown for each roadway is the current rating, segment length, proposed treatment, and treatment cost. Subject to your concurrence, PCDOT can begin this work in September, when temperatures are lower, using existing paving contracts or by bidding as necessary. It is expected that the work will be complete by December.

Please contact me if you have questions or require additional information.

Attachment

c: Priscilla Cornelio, Director, Department of Transportation
Ana Olivares, Deputy Director, Department of Transportation
David Cummings, Public Works Division Manager, Department of Transportation
Kathryn Skinner, CIP Advocacy Manager, Department of Transportation

ATTACHMENT

ROADWAYS RECOMMENDED FOR REPAIR

June 26, 2017

Route	From	To	Length	BOS	Condition Rating; Date	Treatment	Treatment Cost	BOS Totals
Sunrise	Swan	Craycroft	1.02	1	Fair	Micro Seal	$188,496	
Sunrise	Campbell	Swan	2.60	1	Fair	Micro Seal	$494,208	
Skyline	Pima Canyon	Campbell	1.48	1	Fair	Micro Seal	$281,318	
Linda Vista	Hartman	Thornydale	1.91	1	Poor	Micro Seal	$168,080	
Swan	south city limits	Sunrise	2.58	1	Fair	Micro Seal	$490,406	
Sabino Canyon	Cloud	Flaming Sky	0.81	1	Poor	Micro Seal	$85,536	
River	Country Club	Dodge	1.34	1	Fair	Micro Seal	$247,632	
River	Alvernon	Pontatoc	0.83	1	Poor	Micro Seal	$87,648	
Ina	La Cholla	Oro Valley Limits	1.68	1	Fair	Micro Seal	$310,464	**$2,353,789**
Alvernon	Los Reales	Valencia	1.00	2	Fair	Micro Seal	$126,720	
Palo Verde	Gas	44th	1.30	2	Fair	Micro Seal	$205,920	
Nogales Hwy	Pima Mine	Lumber	2.50	2	Poor	Micro Seal	$293,333	**$625,973**
Picture Rocks	Park Boundary	Sandario	3.03	3	Fair	Micro Seal	$207,979	
Ruthrauff / Wetmore	La Cholla	Fairview	1.80	3	Fair	Micro Seal	$332,640	
Wetmore	Highway	La Cholla	0.51	3	Good	Fog Seal	$13,464	
Bopp	San Joaquin	Kinney	3.60	3	Poor	Micro Seal	$316,800	
Flowing Well / La Canada	City Limit Roger	River	1.25	3	Good	Fog Seal	$66,000	
La Cholla	Wetmore	River	1.25	3	Good	Fog Seal	$77,000	
Irvington	Sunset Place	Camino de Oeste	1.25	3	Poor	Micro Seal	$118,800	**$1,132,683**
Old Spanish Trail	Cmo Loma Alta	Escalante	6.80	4	Poor	Micro Seal	$718,080	
Cmo Loma Alta	Colossal Cave	Old Spanish Trail	2.88	4	Good	Micro Seal	$273,715	
Old Spanish Trail	Camino Loma Alta	Pistol Hill	2.77	4	Good	Fog Seal	$87,754	
Colassal Cave	Mary Ann Cleveland	Pistol Hill	2.14	4	Poor	Micro Seal	$203,386	
Tanque Verde	City Limit	Wentworth	2.21	4	Poor	Micro Seal	$233,376	
La Canada	Esperanza	Duval	2.02	4	Good	Fog Seal	$124,432	**$1,640,742**
Los Reales	Sorrell	Mission	1.65	5	Good	Fog Seal	$55,176	
Camino de la Tierra	Bilby	Los Reales	1.57	5	Good	Fog Seal	$55,264	
Mission	Irvington	Drexel	0.91	5	Good	Fog Seal	$48,048	
Mission	Ajo	Irvington	1.36	5	Good	Fog Seal	$71,808	
Cardinal	Nebraska	Bilby	1.25	5	Good	Fog Seal	$30,800	
Irvington	Cactus Wren	Mission	1.10	5	Good	Fog Seal	$46,464	
Drexel	Cardinal	Mission	0.91	5	Good	Fog Seal	$28,829	**$336,389**
TOTAL							$6,089,577	**$6,089,577**