



Board of Supervisors Memorandum

February 18, 2014

Pavement Preservation Project Allocations and Funding Approvals

Introduction

In adopting last year's budget on a three-to-two vote, the Board included a General Fund allocation of \$5 million for pavement preservation to be expended by the Department of Transportation for Fiscal Year (FY) 2013/14. The Department then, based on their professional judgment, developed a project list of where these funds could be best expended to maximize the investment, including maintenance activities of pavement systems that were on the verge of failing and that with little additional investment much costly repairs could be avoided. This list was transmitted to the Board of Supervisors on September 6, 2013 for review and comment.

Supervisor Miller has since requested the County reprioritize the projects within District 1 as shown in Attachment 2 of Ms. Cornelio's memorandum. Given weather conditions that split the timeframes for most pavement repair and maintenance operations between the fall and spring, a portion of these repairs have already been completed; others have not.

Are there any additional changes or modifications the Board wishes to make regarding allocation of these project funds? The Board is free to change allocations, as well as project priorities.

Recommendation

I recommend the Board of Supervisors provide direction regarding expending the balance of the General Fund Pavement Repair Program approved by the Board and budget adoption for Fiscal Year 2013/14.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "C. Huckelberry".

C.H. Huckelberry
County Administrator

CHH/anc – February 3, 2014

Attachment

c: John Bernal, Deputy County Administrator for Public Works
Priscilla Cornelio, Director, Department of Transportation



MEMORANDUM

DATE: February 3, 2014
TO: C.H. Huckelberry, County Administrator
FROM: Priscilla S. Cornelio, P.E., Director *Priscilla Cornelio*
SUBJECT: Pavement Preservation FY 2013-14

In the FY 2013-14 approved budget for the Department of Transportation (DOT), \$5 Million in General Funds were approved. The funds were to be used for pavement preservation activities only. DOT has a pavement management system that rates the conditions of all 1786 miles of paved roadways maintained by the County. DOT uses this system to identify roads to be programmed for pavement preservation treatments. Since nearly 61% of County paved roads are in the "poor or failed" category there are many possible roads to be selected for inclusion in an annual program.

DOT prepared a suggested list of roads to be treated in FY 2013-14 (Attachment 1) which was forwarded to the County Administrator for consideration. Subsequently, the list was forwarded to the Board of Supervisors for their review. Supervisor Miller asked that the roads in District 1 be modified to those shown in Attachment 2. No other changes were made to the DOT prepared list. DOT has initiated the pavement treatments and the status of the activities is also shown in Attachment 2. To date, over \$1.7 Million of the \$5 Million program has been obligated.

Please let me know if you have any questions.

PSC:dg

Attachments

cc: John M. Bernal, Deputy County Administrator – Public Works
Ben Goff, Deputy Director – Transportation Systems, Support and Operations
Dave Cummings, Operations and Maintenance Division Manager

ATTACHMENT 1

<div style="background-color: #00aaff; color: white; padding: 5px; text-align: center;"> \$5 Million General Fund Pavement Preservation Program </div>									
Key	Route	From	To	Length	90S	Condition	Treatment	Engineer's	BOS
	River	La Cholla	La Canada	6,600	1	Good / poor	Patch / Crack / Micro	\$205,333	
	River	Campbell	Dodge	9,715	1	Good	Crack / Fog	\$153,122	
	River	Shannon	La Cholla	5,730	1	Poor	Patch / Crack / Micro	\$178,267	
	Thomydale	Rudolf	Daphne	8,157	1	Good / Fair	Patch / Crack / Micro	\$253,773	
	Sabino Canyon +	Ventana	River	6,743	1	Fair	Patch / Crack / Micro	\$209,782	
	Sunrise	Swan	Craycroft	5,394	1	Good / Fair	Patch / Crack / Micro	\$167,813	
	Palo Verde	44th	Gas	6,028	2	Good	Crack / Fog	\$93,769	\$1,166,091
	Tucson Mountain	Subdivision						District 2 Total	\$93,769
	Ruthrauff	I-10	La Cholla	10,241	3	Failed	Mill / Fill 2"	\$541,635	
	Curtis	Kain	La Cholla	5,098	3	Poor	Patch / Crack / Micro	\$181,262	
	Manville	Avra	Anway	2,624	3	Failed	Mill / Fill 2"	\$106,126	
	Kinney	Ajo	Naomi	5,280	3	Failed	Mill / Fill 2"	\$213,547	
	Kain	Ruthrauff	Devis	11,473	3	Fair - Poor	Patch / Crack / Micro	\$318,694	
	Wade	Valencia	Pebble Valley	2,561	3	Failed	Mill / Fill 2"	\$103,578	
	Ruthrauff / Wetmore	La Cholla	Fairview	4,083	3	Failed - Poor	Overlay 2"	\$266,756	
	Freeman	Calle Aurora	north 1 mile	9,419	3	Good	Crack / Fog	\$146,518	
	Esperanza	Abrego	Desert Bell	5,280	4	Failed	Overlay 2"	District 3 Total	\$1,876,117
	Ventura	Subdivision		3,721	4	Failed	Mill / Fill 2"+ patching	\$253,440	
	Pistol Hill	Old Spanish	Colossal Cave	11,434	4	Good	Crack / Chip / Fog	\$525,488	
	Los Reales	Mission	Sorrell	10,689	4	Good / Fair	Patch / Crack / Micro	\$97,824	
	Irvington	Mission	Cactus Wren	171,024				District 4 Total	\$1,047,776
	Mountain Gardens	Subdivision		8,699	5	Poor - Failed	Overlay 2"	\$301,565	
	Valencia	Camino de la	Mark	5,714	5	Failed	Overlay 2"	\$319,984	
				4,392	5	Poor	Crack / Chip / Fog	\$44,408	
				10,715	5	Good	Crack / Fog	\$161,916	
								District 5 Total	\$827,873
								Grand Total	\$5,013,626

ATTACHMENT 2

\$6 MILLION PAVEMENT PRESERVATION PROGRAM FY 2013/14

Key	Route	From	To	BOS	Condition Rating	Treatment	Engineer's Estimate	Comments
* Thornysdale	Linda Vista	Daphne			1 Failed	Mill / Fill 2"	\$186,713	Start date 2-15
* Sabino Town and Country Estates	Subdivision				1 Poor	Overlay 2"	\$189,835	
* Golden Heritage Village	Subdivision				1 Failed	Mill / Fill 2"	\$187,590	
* Oasis	Cmo de Oeste	Twin Peaks			1 Poor	Overlay 2"	\$330,789	
* Bowman	Golder	Rollins			1 Failed	Overlay 2"	\$181,723	
	44th	Gas			2 Good	Crack / Fog	\$93,769	
	Subdivision				3 Failed	Mill / Fill 2"	\$541,635	
	J-10	La Cholla			3 Poor	Patch / Crack / Micro	\$181,262	
	Kain	La Cholla			3 Failed	Mill / Fill 2"	\$108,126	
	Avra	1 mile west			3 Failed	Mill / Fill 2"	\$213,547	
	Ajo	Neomi			3 Fair - Poor	Patch / Crack / Micro	\$318,694	
	Ruthrauff	Curtis			3 Failed	Mill / Fill 2"	\$103,578	
	Valencia	Pebble Valley			3 Failed - Poor	Overlay 2"	\$266,756	
	Ruthrauff / Wetmore	Fairview			3 Good	Crack / Fog	\$146,518	
	Freeman	Saint James			4 Failed	Overlay 2"	\$253,440	
	Esperanza	Desert Bell			4 Failed	Mill / Fill 2" + patching	\$525,488	
	Ventura	Subdivision			4 Good	Crack / Chip / Fog	\$97,824	
	Pistol Hill	Old Spanish Trail			4 Good / Fair	Patch / Crack / Micro	\$171,024	
	Los Reales	Mission			5 Poor - Failed	Overlay 2"	\$301,565	
	Mountain Gardens	Subdivision			5 Poor	Crack / Chip / Fog	\$44,408	
	Irvington	Mission			5 Failed	Overlay 2"	\$319,984	
	Valencia	Camino de la Tierra			5 Good	Crack / Fog	\$161,916	
							\$627,873	
							\$4,904,175	
							\$4,904,175	
							\$1,700,148	
							\$351,264	
							\$1,139,180	
							\$209,704	
							\$1,700,148	

* District 1 Revisions