Board of Supervisors Memorandum

April 17, 2018

Department of Transportation Recommendation for Arterial and Collector Road Repair Using $16 Million of 1997 HURF Bond Funds

Background

The April 17, 2018 Board Agenda includes a proposed bond ordinance amendment that contains the reallocation of $16 million in 1997 Highway User Revenue Fund (HURF) money for road repair. The attached memorandum from Deputy County Administrator, Carmine DeBonis Jr., summarizes the Department of Transportation's recommendation for use of the $16 million for arterial and collector road repair.

The proposal splits the funding into $10 million of repairs in Fiscal Year (FY) 2018/19 and $6 million of repairs in FY 2019/20. Funding is recommended to be distributed to the Board of Supervisors Districts based on their percentage of total road mileage. The plan focuses heavily on "mill and fill" repairs on failed roads, and some poor roads, prioritized based on Average Daily Traffic (ADT) volume.

Recommendation

It is recommended the bond ordinance amendment be approved and direction be provided regarding the Department of Transportation's proposed road repairs utilizing the reallocated HURF funds.

Sincerely,

C.H. Huckelberry
County Administrator

CHH/lab – April 11, 2018

Attachment

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

PIMA COUNTY
PUBLIC WORKS

MEMORANDUM

Public Works Administration

DATE: April 11, 2018

TO: C.H. Huckelberry
County Administrator

FROM: Carmine DeBonis, Jr.
Deputy County Administrator

RE: **Recommended Arterial and Collector Road Repair Using $16 Million of 1997 HURF Bond Funds**

The Department of Transportation (DOT) presented a proposal to the Transportation Advisory Committee (TAC) to utilize $16 million of unallocated 1997 HURF Bonds for pavement repair in Fiscal Years 2019 (FY19) and 2020 (FY20). On Friday, March 9, 2018, the Bond Advisory Committee approved this Bond Amendment proposal and it is now pending Board of Supervisors (BOS) approval on April 17, 2018.

DOT proposes that the $16 million be divided to perform $10 million of repairs to failed arterial and collector roads in FY19 and $6 million of repairs to failed and poor roads in FY20.

The department has developed a recommended roadway repair plan using this funding. In the past few years, available arterial and collector funding was prioritized for preservation treatments to extend pavement life. To balance treatment needs, the recommendation for the $16 million is to perform "mill and fill" repairs on failed roads, and some poor roads, prioritized based on Average Daily Traffic (ADT) volume, where traffic counts are available.

It is recommended that funding be distributed amongst the Board of Supervisors Districts based on the percent of total road mileage. Using this criteria, funding would be distributed as follows:

BOS District	% of Total Miles	FY 2019 Funding	FY 2020 Funding	Total Funding
1	32%	$3,200,000	$1,920,000	$5,120,000
2	6%	$600,000	$360,000	$960,000
3	28%	$2,800,000	$1,680,000	$4,480,000
4	26%	$2,600,000	$1,560,000	$4,160,000
5	8%	$800,000	$480,000	$1,280,000
	Total:	**$10,000,000**	**$6,000,000**	**$16,000,000**

The attached spreadsheet shows the proposed roadway repair plan. These cost estimates utilized measured lengths and widths for all roadways. However, actual bid pricing may vary from the estimates and adjustments may be necessary. All work will be competitively bid in adherence with procurement requirements.

Please let me know if you have any questions or need additional information.

Attachment

c: Ana M. Olivares, Transportation Director
Yves Khawam, Transportation Chief Deputy Director
Jim Cunningham, Transportation Deputy Director
Dave Cummings, Transportation Maintenance and ROW Division Manager
Annabelle Valenzuela, Transportation Support Services Division Manager

$16 Million Collector/Arterial Pavement Repair
FY 19 and FY 20
Recommended Roadways

FY Complete	Route	From	To	Average Daily Traffic	BOS	Condition Rating	Cost Estimate	BOS Total Funds
FY 19	Thornydale	Cortaro	Cmo Del Norte	28,000	1	Failed	$1,300,000	
FY 19	Hacienda Del Sol	River	Sunrise	5,501	1	Failed	$533,538	
FY 19	Pontatoc	River	Sunrise	3,275	1	Failed	$515,140	
FY 19	Oracle Janes Station	Mona Lisa	San Joaquin	2,875	1	Failed	$84,269	
FY 19	Snyder	Placita Del Sol	Avenida De La Colina	2,589	1	Failed	$141,926	
FY 19	Ina	Pima Canyon	Campbell	2,090	1	Failed	$281,882	
FY 19	Territory	Craycroft	Grey Mountain Tr	1,723	1	Failed	$236,544	
FY 19	Magee	1st Avenue	EOR	1,644	1	Failed	$170,837	
FY 20	Snyder	Palisade	Bear Canyon	1,400	1	Failed	$57,658	
FY 20	Avenida Del Oro	Stallion	Palomino	0	1	Failed	$96,096	
FY 20	Stallion	Avenida del Oro	Forecastle	0	1	Failed	$128,128	
FY 20	Sabino Canyon	S City Limit	Cloud	30,366	1	Poor	$523,600	
FY 20	La Cholla	Overton	Moore (exc. Oro Valley)	14,938	1	Poor	$396,211	
FY 20	River	Swan	Cmo Rio Soleado	11,999	1	Poor	$360,730	
FY 20	Overton	Thornydale	Shiraz	8,032	1	Poor	$285,824	$5,112,383
FY 19	Swan	Old Vail Connection	Los Reales	1,457	2	Failed	$749,549	
FY 20	Palo Verde	City Limit	Mossman	25,624	2	Poor	$143,733	
FY 20	Irvington	Country Club	Outlet Center	15,266	2	Poor	$174,533	$1,067,815
FY 19	Avra Valley	Marana Town Limits	Marana Town Limits	4,867	3	Failed	$237,201	
FY 19	Sweetwater	Six Bar Spur	Cmo de Oeste	3,363	3	Failed	$149,483	
FY 19	Trico	Silverbell	Trico-Marana	3,213	3	Failed	$141,269	
FY 19	San Joaquin	Old Ajo	Milky Way	2,110	3	Failed	$928,928	
FY 19	Manville	Anway	Trico	932	3	Failed	$209,276	
FY 19	Mead	SR 85	Ajo Well	0	3	Failed	$851,136	
FY 20	Anway	Manville	Avra Valley	1,006	3	Failed	$1,281,280	
FY 20	Mission - phase 1	Pima Mine	south 3 miles	960	3	Failed	$640,640	$4,439,213
FY 19	Colossal Cave	I-10	New Improvement	10,637	4	Failed	$79,834	
FY 19	Escalante	Houghton	Old Spanish Trail	3,893	4	Failed	$600,230	
FY 19	Cmo Encanto	Cmo del Sol	I-19 Frontage	3,776	4	Failed	$220,774	
FY 19	Houghton	Cmo Aurelia	Cmo del Toro	3,326	4	Failed	$232,766	
FY 19	Soldier Trail	Fort Lowell	Mt. Lemmon Short Rd	3,260	4	Failed	$499,699	
FY 19	La Canada	Mission Twin Buttes	Continental	2,881	4	Failed	$275,968	
FY 19	Snyder	Oakwood	Soldiers Trail	2,589	4	Failed	$357,773	
FY 19	Fort Lowell	Houghton	Soldiers Trail	2,222	4	Failed	$429,229	
FY 20	Old Spanish Trail	Pistol Hill	CCMP	1,373	4	Failed	$251,328	
FY 20	Mt. Lemmon Short Road	Soldiers Trail	Catalina Hwy	0	4	Failed	$96,096	
FY 20	Camino Casa Verde	Ave del Abaco	La Canada	0	4	Failed	$232,273	
FY 20	Bear Canyon	City Limit	north end	6,314	4	Poor	$662,323	
FY 20	Houghton	Flintlock	Fort Lowell	6,179	4	Poor	$209,933	$4,148,226
FY 19	Cardinal	Placita Arida	Pincushion	6,787	5	Failed	$115,315	
FY 19	Irvington	1400' W of Caballo	Cactus Wren	6,120	5	Failed	$552,922	
FY 19	Sorrel	Los Reales	Tetakusim	5,732	5	Failed	$53,387	
FY 19	Sweetwater	Blue Bonnet	Six Bar Spur	3,363	5	Failed	$91,825	
FY 20	Speedway	Cmo de Oeste	Painted Hills	2,486	5	Failed	$341,675	
FY 20	Tetakusim	Cmo de Oeste	Sorrell	5,686	5	Poor	$215,682	$1,370,805
						TOTAL:	**$16,138,443**	**$16,138,443**

04/11/18