

PIMA COUNTY TRANSPORTATION ADVISORY COMMITTEE
HURF BOND ARTERIAL/COLLECTOR ROAD REPAIR

JUNE 26, 2018

PROGRAM UPDATE



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PIMA COUNTY

HURF Bond Arterial/Collector FY18-19 List

PHASE 1					
Route	From	To	Length	BOS	Treatment
Hacienda Del Sol	River	Sunrise	2.32	1	Mill / Fill New AC
Pontatoc	River	Sunrise	2.24	1	Mill / Fill New AC
Oracle Janes Station	Mona Lisa	San Joaquin	0.27	1	Mill / Fill New AC
Snyder	Placita Del Sol	Avenida De La Colina	0.48	1	Mill / Fill New AC
Ina	Pima Canyon	Campbell	1.32	1	Mill / Fill New AC
Territory	Craycroft	Grey Mountain Tr	1.20	1	Mill / Fill New AC
Magee	1st Avenue	EOR	0.80	1	Mill / Fill New AC
Colossal Cave	I-10	New Improvement	0.27	4	Mill / Fill New AC
Escalante	Houghton	Old Spanish Trail	2.03	4	Mill / Fill New AC
Soldier Trail	Fort Lowell	Mt. Lemmon Short Rd	2.34	4	Mill / Fill New AC
Snyder	Oakwood	Soldiers Trail	1.21	4	Mill / Fill New AC
Fort Lowell	Houghton	Soldiers Trail	2.01	4	Mill / Fill New AC
Total			16.49		

PHASE 2					
Route	From	To	Length	BOS	Treatment
Swan	Old Vail Connection	Los Reales	2.73	2	Mill / Fill New AC
Avra Valley	Marana Town Limits	Marana Town Limits	0.76	3	Mill / Fill New AC
Sweetwater	Six Bar Spur	Cmo de Oeste	0.70	3	Mill / Fill New AC
Trico	Silverbell	Trico-Marana	0.43	3	Mill / Fill New AC
San Joaquin	Neal	Milky Way	1.52	3	Mill / Fill New AC
Manville	Anway	Trico	0.98	3	Mill / Fill New AC
Mead	SR 85	Ajo Well	2.79	3	Mill / Fill New AC
Cmo Encanto	Cmo del Sol	I-19 Frontage	0.56	4	Mill / Fill New AC
Houghton	Cmo Aurelia	Cmo del Toro	1.09	4	Mill / Fill New AC
La Canada	Mission Twin Buttes	Continental	0.70	4	Mill / Fill New AC
Cardinal	Placita Arida	Pincushion	0.54	5	Mill / Fill New AC
Irvington	1400' W of Caballo	Cactus Wren	1.87	5	Mill / Fill New AC
Sorrel	Los Reales	Tetakusim	0.25	5	Mill / Fill New AC
Sweetwater	Blue Bonnet	Six Bar Spur	0.43	5	Mill / Fill New AC
Total			15.35		

POTENTIAL SAVINGS

PHASE	PLANNING ESTIMATE	ENGINEER'S ESTIMATE	BID	DIFFERENCE	CONTINGENCY (10% OF BID)*	REMAINING
1	\$3,930,901	\$3,933,400	\$3,319,319	\$611,582	\$331,932	\$279,650
2	\$4,205,461	\$4,100,000	\$3,211,521	\$993,940	\$321,152	\$672,788
Thornycroft	\$1,300,000	\$2,637,263	\$2,084,714	\$552,549	\$208,471	\$344,078
San Joaquin Test	\$604,337					
Total	\$10,040,699	\$10,670,663	\$8,615,554	\$2,158,071	\$861,555	\$1,296,516

*Per previous methodology, reserve a contingency prior to “savings calculation”

POTENTIAL PROJECTS TO MOVE UP TO UTILIZE THE POTENTIAL SAVINGS

Route	From	To	Average Daily Traffic	Length	Area [yd ²]	BOS	Condition Rating	Treatment
Snyder	Bear Canyon	Placita del Sol	2,589	1.27	26,822	1	Poor	Mill / Fill New AC
Christie	Ina	Magee	276	1.36	20,745	1	Failed	Mill / Fill New AC
Forecastle	Tortolita	Edwin	0	0.73	11,135	1	Failed	Mill / Fill New AC
Pantano	Fort Lowell	Cloud	0	0.20	4,693	1	Failed	Mill / Fill New AC
Sahuarita	Country Club	Alvernon	7,463	1.13	23,866	2	Poor	Mill / Fill New AC
Rex	Columbus	Belvedere	0	0.35	5,339	2	Poor	Mill / Fill New AC
Belvedere	Benson Hwy	Rex	0	0.22	3,356	2	Poor	Mill / Fill New AC
Columbus	Rex	Drexel	0	0.34	5,186	2	Poor	Mill / Fill New AC
Silverbell	Trico	Marana TL	724	2.91	44,387	3	Failed	Mill / Fill New AC
Trico	1 mile s of Hardin	Hardin	705	1.00	15,253	3	Failed	Mill / Fill New AC
Tucson Estates Parkway	Ajo	Bopp	643	0.91	13,881	3	Failed	Mill / Fill New AC
Snyder	Avenida de la Colina	Oakwood	761	0.70	14,784	4	Poor	Mill / Fill New AC
Marsh Station	west frontage	east r/w	334	8.01	122,179	4	Failed	Mill / Fill New AC
Andrada	Wentworth	Davidson	0	1.90	28,981	4	Failed	Mill / Fill New AC
Mark	Los Reales	Bilby	4,879	1.50	38,720	5	Poor	Mill / Fill New AC
Joseph	Bilby	Irvington	4,633	1.50	22,880	5	Poor	Mill / Fill New AC
Cmo de Oeste	Irvington	SR 86	4,042	0.75	11,440	5	Poor	Mill / Fill New AC
Cardinal	Hermans	Los Reales	2,241	0.92	14,033	5	Poor	Mill / Fill New AC
Kinney	Naomi	Gates Pass	2,474	3.03	42,662	5	Poor	Mill / Fill New AC
Kinney	Gates Pass	Mile Wide	2,474	3.84	54,067	5	Poor	Mill / Fill New AC

SELECTED PROJECTS TO MOVE UP TO UTILIZE THE POTENTIAL SAVINGS

Route	From	To	Average Daily Traffic	Length	BOS	Condition Rating	Treatment	Treatment Unit Cost	Engineer Estimate
Snyder	Bear Canyon	Placita del Sol	2,589	1.27	1	Poor	Mill / Fill New AC	\$14.00	\$375,514
Christie	Ina	Magee	276	1.36	1	Failed	Mill / Fill New AC	\$14.00	\$290,423
Forecastle	Tortolita	Edwin	0	0.73	1	Failed	Mill / Fill New AC	\$14.00	\$155,889
Pantano	Fort Lowell	Cloud	0	0.20	1	Failed	Mill / Fill New AC	\$14.00	\$65,707
Sahuarita	Country Club	Alvernon	7,463	1.13	2	Poor	Mill / Fill New AC	\$14.00	\$334,118
Rex	Columbus	Belvedere	0	0.35	2	Poor	Mill / Fill New AC	\$14.00	\$74,741
Belvedere	Benson Hwy	Rex	0	0.22	2	Poor	Mill / Fill New AC	\$14.00	\$46,980
Columbus	Rex	Drexel	0	0.34	2	Poor	Mill / Fill New AC	\$14.00	\$72,606
Silverbell	Trico	Marana TL	724	2.91	3	Failed	Mill / Fill New AC	\$14.00	\$621,421
Trico	1 mile s of Hardin	Hardin	705	1.00	3	Failed	Mill / Fill New AC	\$14.00	\$213,547
Tucson Estates Parkway	Ajo	Bopp	643	0.91	3	Failed	Mill / Fill New AC	\$14.00	\$194,327
Snyder	Avenida de la Colina	Oakwood	761	0.70	4	Poor	Mill / Fill New AC	\$14.00	\$206,976
Marsh Station	west frontage	east r/w	334	8.01	4	Failed	Mill / Fill New AC	\$14.00	\$1,710,509
Andrada	Wentworth	Davidson	0	1.90	4	Failed	Mill / Fill New AC	\$14.00	\$405,739
Mark	Los Reales	Bilby	4,879	1.50	5	Poor	Mill / Fill New AC	\$14.00	\$542,080
Joseph	Bilby	Irvington	4,633	1.50	5	Poor	Mill / Fill New AC	\$14.00	\$320,320
Cmo de Oeste	Irvington	SR 86	4,042	0.75	5	Poor	Mill / Fill New AC	\$14.00	\$160,160
Cardinal	Hermans	Los Reales	2,241	0.92	5	Poor	Mill / Fill New AC	\$14.00	\$196,463
Kinney	Naomi	Gates Pass	2,474	3.03	5	Poor	Mill / Fill New AC	\$14.00	\$597,274
Kinney	Gates Pass	Mile Wide	2,474	3.84	5	Poor	Mill / Fill New AC	\$14.00	\$756,941

PROJECTS TO MOVE UP TO UTILIZE THE POTENTIAL SAVINGS AND CRITERIA USED TO DETERMINE

Route	From	To	Average Daily Traffic	Length	BOS	Condition Rating	Treatment	Engineer Estimate	Allocated	Actual Total
Snyder	Bear Canyon	Placita del Sol	2,589	1.27	1	Poor	Mill / Fill New AC	\$375,514	\$416,000	\$441,221
Pantano	Fort Lowell	Cloud	0	0.20	1	Failed	Mill / Fill New AC	\$65,707		
Rex	Columbus	Belvedere	0	0.35	2	Poor	Mill / Fill New AC	\$74,741	\$78,000	\$74,741
Trico	1 mile s of Hardin	Hardin	705	1.00	3	Failed	Mill / Fill New AC	\$213,547	\$364,000	\$407,874
Tucson Estates Parkway	Ajo	Bopp	643	0.91	3	Failed	Mill / Fill New AC	\$194,327		
Snyder	Avenida de la Colina	Oakwood	761	0.70	4	Poor	Mill / Fill New AC	\$206,976	\$338,000	\$206,976
Cmo de Oeste	Irvington	SR 86	4,042	0.75	5	Poor	Mill / Fill New AC	\$160,160	\$104,000	\$160,160

\$1,300,000 \$1,290,972

Decision based on:

1. Condition (Failed or Poor)
2. Average Daily Traffic (ADT)

Exceptions:

1. BOS D1 and BOS D4 requested repair on Snyder be contiguous regardless of condition rating.
2. BOS D2 and BOS D5 have no other Failed Arterial/Collectors, so went with Poor with highest ADT.

Note difference between Allocated and Actual, this is due to requests to keep contiguous segments.

Questions?

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