

rec'd @ 6/25/19 PCTAC
from Mia

We, the undersigned residents of *Moondance* subdivision, request that we be added to the current schedule for road repairs, using the Green Asphalt method, as suggested in Administrator Huckelberry's Feb. 26, 2018 memo. We've petitioned the County for many years and have shown ourselves to be a vibrant community that wants to progress. We ask that you reward our efforts by allowing us to be a part in advancing new pavement technology.

| Name: | Contact: |
|-----------------------------|------------------------------------|
| LINDA MARZANO Linda Marzano | 3321 STARFALL PL 572-9966 |
| Alicia Johnson | 3341 W Starfall 262-3528 |
| Gloria Gomez | 3349 W. Starfall Pl |
| TOM CAULAHAN | 3354 W. STARFALL PL (615) 915-8142 |
| Mark Halberg | 3362 W Starfall PL 550-7218 |
| William Pappas | 3257 W. MOONDANCE WAY TUCSON 85741 |
| Jana Azimipour | 3237 W. MOONDANCE WAY 85741 |
| Jenny Bourgeois | 3260 W. Moondance way |
| Proper Route | 3261 W. Moondance way |
| M. ROSEN | 3232 " " " |
| Jail M Wenzel | 3229 W Moondance Way 85741 |
| Annemarie Croitor | 3253 W. MOONDANCE WAY |
| John L. Dilla | 3330 W. STARFALL PL |
| Beverly Bloom | 3313 W. Stanhope Ct |
| Juan Caprup | 3265 W Moondance Way |
| Arup Singh | 3220 W. Moondance Way |
| Rob Lynch | 3256 W. Moondance Way |
| PETER CANNIFF | 3280 W. Moondance Way |
| Damon TOBERT | 3312 W. WHEATFIELD PL |
| Janet Krug | 3295 W. Wheatfield Pl. 85741 |
| Taxer Bern | 3152 N. Wheatfield Dr. |
| Mark | 3237 W. Millstone Pl. 85741 |
| Alex Gij | 3342 W. Starfall PLACE 85741 |
| Kelly Sharpe | 3338 W. Starfall PL 85741 |
| Emily Smith | 3357 W. Starfall PL 85741 |
| TL & Miguel | 3308 W. Firefall 55741 |
| Linda Coe | 3278 W. Firefall Pl |
| Mike Yeoman | 8120 WINDMILL WAY |



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MEMORANDUM

from Mia

Date: February 26, 2018

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

From: C.H. Huckelberry
County Administrator *CHH*

Re: **Experiment Pilot Major Pavement Rehabilitation in Lieu of Reconstruction**

As the Board recalls, the first-round selection of local roads to be repaired and/or rehabilitated through the road property tax was contentious, requiring a reconsideration related to the selection of specific streets in the Green Valley area.

During the discussion, the Board, with the exception of the Green Valley streets, approved the recommendation of the Transportation Advisory Committee (TAC). The District 1 representatives of the TAC and Supervisor Miller objected to the streets selected for preservation by the Transportation Department and approved by TAC. Street selection by the Transportation Department was designed to preserve to the extent possible existing investment in the system. The TAC District 1 representatives and Supervisor Miller preferred specific reconstruction in certain targeted areas. Some of the targeted areas had the significant community support, while others little, if any.

The two subdivisions that received the most actual public participation within District 1 at the TAC, were the Sabino Town and Country Estates and Moondance Patio Homes subdivisions. The cost for repairing the streets within both of these subdivisions because of the failed pavement condition is estimated by the Transportation Department at \$340,149 based on the measured road widths and mileage. The staff estimate is based on milling the top two inches of asphalt and replacing it with two inches of new standard asphalt. These estimates vary slightly from the published local road repair program estimate since those were based on an average width. Recently, Tucson Asphalt approached the County as well as the Transportation Department for the use of a proprietary "Green Asphalt Overlay" product which is claimed to provide the same or similar performance as reconstruction. This treatment estimated by Tucson Asphalt to cost \$198,410 for both Sabino Town and Country Estates and Moondance Patio Homes.

Recently, the County received bids for the first group of roads to be repaired and rehabilitated under the Board approved local road plan. These improvements will be awarded in the near future to the low-bidder, Cholla Pavement Management from Apache Junction, who is \$235,678 below the engineer's estimate. Hence, if the Board was so inclined, the local

The Honorable Chairman and Members, Pima County Board of Supervisors
Re: **Experiment Pilot Major Pavement Rehabilitation in Lieu of Reconstruction**
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streets in these two subdivisions, or any other similarly sized subdivisions in any Supervisorial district, could be rehabilitated with a green asphalt overlay.

I am enclosing a more detailed report regarding the matter from Deputy County Administrator Carmine DeBonis, Jr. County staff has no preference with regard to this matter; however, using the "*Green Asphalt Overlay*" as a pilot prototype may lead to further cost savings, if it can be demonstrated that this product achieves acceptable performance over time and could be applied to other subdivisions.

I have asked Deputy County Administrator DeBonis to bring this matter to the TAC for their recommendation.

If any Member of the Board is inclined to pursue this option, please place the matter on an agenda to provide appropriate direction regarding this matter.

CHH/lab

Attachment

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

rec'd @ 6/25/19 PCTAC



MEMORANDUM *from Mia*
Public Works Administration

DATE: February 15, 2018

TO: C.H. Huckelberry
County Administrator

FROM: Carmine DeBonis, Jr.
Deputy County Administrator

RE: Proposal from Tucson Asphalt for Sabino Town and Country Estates and Moondance Patio Homes

Your January 4, 2018 letter to Tucson Asphalt requested proposals for the use of their Green Asphalt product on roads in Sabino Town and Country Estates and Moondance Patio Homes. As you recall, both of these subdivisions were not included in Years 1 and 2 of the approved local road repair program. Residents from each of these subdivisions attended nearly all of the Transportation Advisory Committee hearings regarding the use of the \$0.25 property tax for local road repair.

Estimates by staff for repairing the failed pavement in each of these subdivisions are \$215,554 for Sabino Town and Country Estates and \$124,595 for Moondance Patio Homes based on the measured roadway width and mileage. The cost estimate by staff was based on milling the top two inches of failed asphalt and replacing it with two inches of new standard asphalt. These estimates will vary slightly from the published Regional Local Road Repair Program estimates since those were based on averaged widths.

Tucson Asphalt submitted cost estimates for using their Green Asphalt Overlay. Those cost estimates are \$126,721 for Sabino Town and Country Estates and \$71,689 for Moondance Patio Homes. These quotes are for placing a one-inch Green Asphalt Overlay on top of the existing paved surface which Tucson Asphalt claims is equal in performance to 2-inch traditional asphaltic concrete mill and fill. Both quotes are less than the County estimate for a standard mill and fill repair by approximately 40 percent.

On January 4, 2018, you also sent a memorandum to Transportation Director, Ana Olivares and me indicating an interest in determining if Green Asphalt is a viable repair alternative and asking that we identify the best method to procure services for repairing the roads as a pilot program using the Tucson Asphalt product. You also indicated that if the initial two subdivisions appeared successful, you would request that we proceed to pilot eight additional subdivisions, two in each of the other four supervisorial districts with approximately the same street mileage as Sabino Town and Country Estates and Moondance Patio Homes.

Working with the Procurement Department, various methods of procuring the Tucson Asphalt services were evaluated, including the use of an existing Department of Transportation Job Order Contract (JOC); Project Management Office and Facilities Management JOC; and a State of Arizona JOC that contains cooperative language allowing the County to utilize that contract.

Based on a review of each of the reviewed options, the State JOC is the best means to contract the services for Sabino Town and Country Estates and Moondance Patio Homes. The contracting process would include a meeting with the contractor and the State's representative, Gordian, on the project site to develop a project scope. Tucson Asphalt would then finalize the proposed cost estimate through Gordian, who reviews it to ensure all of the requirements of the State JOC are met. Gordian would

Memo to C.H. Huckelberry, County Administrator

**Re: Proposal from Tucson Asphalt for Sabino Town and Country Estates
and Moondance Patio Homes**

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send the proposal to the County for review and, if acceptable to the County, the contract would be awarded to Tucson Asphalt.

Regarding expanding the use of this product as a further pilot for eight more subdivisions with roads in similar condition, it is recommended that the Pima County Department of Transportation prepare a program to evaluate the viability of alternate paving materials and methods. Development of the program can be established by the end of June 2018 to include metrics for product performance and specifications for alternate materials and applications. Upon development of these criteria, it would be appropriate to further evaluate the use of alternate materials and methods and conduct a broader procurement solicitation for the additional envisioned pilot subdivisions.

Subject to your concurrence, we can proceed with Tucson Asphalt's Green Asphalt Overlay for Sabino Town and Country Estates and Moondance Patio Homes and development of a program to define and evaluate the use of alternative methods and materials, as outlined above.

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

Attachments

C: Ana Olivares, Director, Department of Transportation
Yves Khawam, Deputy Director, Department of Transportation
Mary Jo Furphy, Director, Procurement



TUCSON ASPHALT CONTRACTORS inc.

EQUIPMENT
WORLD contractor of the year

Marvin M Black Award Winner
Certified S.B.E.

January 18, 2018

Proposal #18-0036

Pima County Administrator's
130 W. Congress, Floor 10
Tucson, Arizona 85701

To: Carmine DeBonis – Director of Public Works
Phone: 520-724-8661
Email: carmine.debonis@pima.gov

Reference: Moondance Patio Homes (Revision #2 1-18-18 12:49 am)
Green Asphalt™ Overlay

| Base Bid Description | Unit | Quantity | Unit Cost | Total |
|--|------|--------------|-----------|--------------|
| Mobilization | Ls | 1 | \$ 400.00 | \$ 400.00 |
| Notify Residents, Sweep, Tack Coat, Install Green Asphalt™ Rubber Poly Asphalt Overlay (Minimum 1" Thickness Minus 1/4" Maximum Tolerance), Includes Our Internal Quality Control, Includes Milling and Asphalt Surface Patching to be determined by Tac, As Needed to Maintain our Minimum Thickness and Satisfy Our 4 Year Warranty. | Sf | 80,100 | \$ 0.89 | \$ 71,289.00 |
| | | TOTAL | | \$ 71,689.00 |

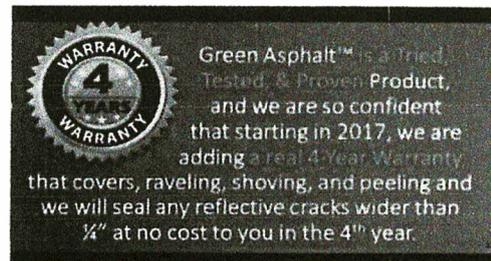
Clarifications:

1. "Tucson Asphalt Contractors" will hand out flyers to all residents that will be affected by the construction the standard letter will include a map and dates on when the overlay will be installed.
2. Preservation system program provides for a Four (4) year warranty, including surface raveling, shoving, peeling and reflective cracking, that includes the sealing of any cracks (1/4") or wider, post 42 months, during year four (4).
3. The following streets will have the "Green Asphalt™" installed under this proposal; 3250 to 3373 W. Firefall Place, 8206 to 8349 N. Midnight Way, 3200 to 3299 W. Moondance Way, 3324 to 3399 W. Starfall Place, and 8250 to 8299 N. Wheatfield Drive.

Thank you for the opportunity to provide pricing on the above project. Please feel free to call me should you require any additional assistance.

Sincerely,

Paul J. Polito – President
Tucson Asphalt Contractors, Inc
Cell: 520-977-0585
Email: paul@tucsonasphalt.com



Green Asphalt™ is a
Tried, Tested, & Proven
Product



Green Asphalt™ Projects

1. Aug 2006, Haciendas del Conde HOA
2. May 2014, DR Horton, N. National Drive
3. May 2014, River at North Campbell
4. May 2014, Sonoran Behavioral Health
5. Sept 2014, La Buena Vida Phase 1
6. Oct 2014, Town of Oro Valley, N. Lambert Pl.
7. April 2015, 1700 E. Broadway
8. June 2015, Tucson Water W. 18th St. Phase 1
9. Sept 2015, Edgebrook 1 Townhomes
10. Sept 2015, Flying Diamond Airpark
11. Oct 2015, La Buena Vida HOA Phase 2
12. Nov 2015, Santa Rita Bel Air
13. June 2016, Precision Machining, N Forbes
14. June 2016, Tucson Water W.18th St. Phase 2
15. July 2016, Santiago Communities
16. Aug 2016, City of Nogales, Perkins Ave



*References and locations available upon request.



17. Aug 2016, Lazy Days KOA RV Campground
18. Aug 2016, Jerry Bob's Family Restaurant
19. May 2017, Pima County Sporting Chance
20. May 2017, Pima Hollow Homes HOA
21. May 2017, Washington Federal Savings
22. May 2017, La Buena Vida HOA Phase 3
23. June 2017, U of A Tech Park
24. June 2017, 6303 E. Tanque Verde Rd.
25. July 2017, 5400 N. Placita Taza
26. Aug 2017, City of Tucson, Silverbell Terrace
27. Aug 2017, La Buena Vida HOA Phase 4
28. Aug 2017, Lazy Days KOA RV Campground
29. Aug 2017, Canyon Del Oro High School
30. Oct 2017, Tucson Self Storage
31. Nov 2017, Tucson Asphalt Office



Contact Us
For A Free Presentation
Joe Herrick, 520-975-0466

TUCSON ASPHALT
CONTRACTORS
inc.

2425 W. Curtis Rd. • Tucson, AZ 85705 • Phone (520) 292-1125 • Fax (520) 408-0929 • Email: estimating@tucsonasphalt.com
License: ROC 116436-A & ROC 116437-B4

