



CITY OF NORTH RICHLANDHILLS, TEXAS
MINUTES OF
CAPITAL IMPROVEMENT PROJECTS (CIP)
COMMITTEE MEETING
December 3, 2019

Committee Present: Scott Turnage, Chairman Councilmember
Tito Rodriguez Councilmember
Rita Wright Oujesky Mayor Pro Tem

Others Present: Mark Hindman City Manager
Paulette Hartman Assistant City Manager
Karen Manila Assistant City Manager
Mary Peters Public Information Director
Mike Curtis Managing Director
Boe Blankenship Public Works Operations Manager
Chris Turner Street Superintendent
Caroline Waggoner Director of Public Works
Justin Naylor Civil Engineer
Mark Mills Finance Director
Robert Myers Budget Director
Maria Lindsey PW Administrative Secretary
Marrk Callier Management Analyst

ITEM 1
CALL MEETING TO ORDER

Councilmember Scott Turnage, called the meeting to order, on Tuesday, December 3, 2019 at 4:00 p.m. Committee members that were present are recorded above as present.

ITEM 2
APPROVE MINUTES OF THE APRIL 9, 2018
CIP MEETING

Mayor Pro Tem, Rita Wright Oujesky motioned to approve the minutes of the April 9, 2018 CIP Committee Meeting. Councilmember Tito Rodriguez seconded the motion.
Motion Carried 3-0

ITEM 3

CONSIDER THE 2019 / 2020 PREVENTIVE STREET MAINTENANCE PROGRAM

Chairman Turnage, inquired about the status on the Proposed HA5.

Mr. Blankenship responded that the program is still in the evaluation period and the city is doing a test run on Glenann Street, between Amundson and Main Street.

Mr. Curtis presented a comprehensive recommendation of a two year plan of action for the Preventive Street Maintenance Program. The program includes six types of preventive maintenance techniques from full-depth grade stabilization, resurfacing to crack sealing. This will cover 172 streets in the program plus additional concrete streets that require maintenance on this years' program. A new technic, micro surfacing (similar to slurry seal) is a more durable material and holds up better on more heavily traveled roads.

Staff presented a two year program in an effort to catch up this year. The plan for the future is to have multiple year programs. The committee will meet once a year for update and status on the program from staff. This allows flexibility if changes are needed and to better use of the consultants services.

Mr. Blankenship presented a new comprehensive program to include 163 different streets and techniques. Assessments were funded last year through (CIP) from October to January. The program was awarded Interlocal agreement to Fugro through NCTCOG. Fugro is collecting data by several methods available including ground penetrating radar, camera and other techniques. Staff has been evaluating Fugro's recommendations to ensure that they are consistent with the goals of the preventive street maintenance program.

Chairman Turnage inquired about cost.

Mr. Blankenship responded that original cost was a significant \$220,000 for a city our size. A partnership was formed with NCTCOG due to popularity and demand of the program. Doing this and a bid with a couple of different pavement management consultants, cost has dropped to a manageable contract of \$140,000 (currently we are \$80,000-\$90,000 into that contract).

Chairman Turnage asked how long the assessment would be valid due to weather, seasons and soil. Mayor Pro-Tem Oujesky added, the continued breakdown of the streets.

Director Mrs. Waggoner explained that the pavement assessment data assumed a natural decline in condition and deterioration if no action is taken.

Mr. Hindman mentioned that unlike the surrounding cities, we will probably do the evaluation every five to seven years instead of the ten year.



Mr. Curtis explained that the city will not strictly follow all the recommendations made by the contractor for each year, but will make staff evaluations as well to ensure the recommendations are still appropriate. The city will proceed based on the city's budget, and the validated recommendations of the study.

Mr. Blankenship present the various techniques that the city uses. A new technique is partial pavement replacement, this technique allows for panel replacements through the contract services project. The city has retained a contractor for this service.

Crack Sealing, staff is working to use a grey color, to minimize the contrast that you currently see on streets that have been crack sealed.

Mr. Curtis asked if a street like Cliffside could be repaired with this type of technique. Mr. Blankenship responded that, this technique would work with the appropriate analysis to ensure there are no failures underneath.

Mr. Blankenship, presented the new technique was used on a new panel at Mid-Cities east bound at the rail-road tracks. When there is a need to patch over 180 square feet, we should consider a complete panel patching.

The streets are starting to show some spalling and subgrade deterioration, we plan to utilize crack sealing to help eliminate the surface moisture and help minimize the spalling due to pavement movement.

This is a comprehensive program, looking at 163 streets, 26 center lane miles and six types of pavement, And almost 2.6 million dollars which is the 1.3 from the 2019 and the 2020.

The Asphalt Overlays, 21 Streets and 1.3 miles, and 1.5 million dollar is part of the project. Project 6 and 7, Meadow road is on asphalt overlay, it is the part of the Asphalt Overlay Rehabilitation as well.

The Slurry Seal 33 streets 5 miles and \$182,000 portion. This is a new process that is familiar to the residents (similar to micro surface).

The Asphalt Crack Seal, 52 streets, 7.3 miles and \$96,000. Concrete crack seal is one of the new techniques proposed within the project for 24 streets 3.2 miles of roadway.

Mr. Blankenship responded to Mayor Pro-Tem Oujesky's question about the total project cost, the entire project is \$2.5 million.

Director, Caroline Waggoner concurred with Chairman Turnage's statement, that the different color coded map helps to see, the good distribution throughout the city and targeting the most needed streets with the types of treatment that will help prolong the life of the street.



Mrs. Waggoner wrapped up the presentation of the 2019 Capital Improvement Project Meeting, by asking for your recommendations before taking before the city council. Staff is looking at year 2019 and 2020 as years one and two of Fugro's recommendations. Staff is also looking forward for your bringing year three to the CIP Committee this summer.

Staff will revisit the recommendations to ensure they are still appropriate. Moving forward will be like clockwork, by being able to keep the data refreshed. Also in the future we could look at bringing a two year data proactively, or keep with the past, and review one year at a time, depending on your comfort level.

Staff does not think it will take the two years to complete the program, staff feels confident this will be done within the year. By allowing the two year program that would allow some of the efficiency as far as doubling up on techniques, by taking advantage of good weather and available windows.

Councilman Rodriguez asked about the procedure, once the contractor goes out to the site and decides that the procedure would not be beneficial and need to do more extensive work. Mr. Blankenship responded, that Staff will ensure that everyone is comfortable with the process that was recommended in the beginning. On the concrete side staff will go out and make the determination by marking the limits and be in control of the procedure.

Mrs. Waggoner reiterated that city forces are heavily involved, by doing some of the prep work to get the project ready for the contractor. This allows staff to be aware of the condition of the project and helps ensure that the technique is still the best option for this street.

Mayor Pro-Tem Oujesky asks if the million dollars that has been set aside for the preventative maintenance is on top of that \$2.5 million dollars.

City Manager Mark Hindman, explained that last year the proposal was to extend from one million to one million three (1.3), so that is basically where the additional money is coming from. The \$300,000 were bonds issued for that purpose on a five year note, that is being added and that is how we get to the almost 2.6 million. There is still three more years of that funding.

Mrs. Waggoner requested confirmation that the committee is comfortable with this year's program as well as bringing the program forward every two years. Chairman Turnage confirmed Mrs. Waggoner's understanding of the acceptance of the request.

Mr. Hindman, further explained that in the future we will have only one year's program, this year only because of the combined years 19 and 20 we requested two years. From here forward, staff will only bring a year at a time as done in past years.



Councilmember Wright-Oujesky motioned to approve the 2019 and 2020 Capital Improvements Projects, Councilmember Rodriguez seconded the approval. Motion Carried 3-0.

Chair Person, Scott Turnage adjourned the meeting at 4:45 P.M.

PASSED AND APPROVED on the 5th day of February, 2021.

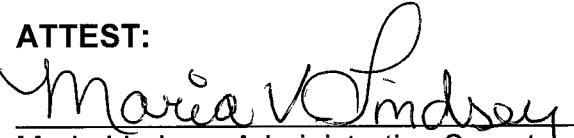
CITY OF NORTH RICHLAND HILLS

By:



Scott Turnage, Chairman

ATTEST:



Maria Lindsey, Administrative Secretary