



May 14, 2021

Mayor and City Council
City of Hilshire Village
8301 Westview Drive
Houston, Texas 77055

Re: Engineer's Report for May 18, 2021 Council Meeting
HDR Job No. 10281855

Dear Mayor and Council Members:

HDR Engineering, Inc. (HDR) is pleased to submit this report on engineering related issues from April 17, 2021 to May 14, 2021.

1. On-Going Services (10281855):

a. 8006 Anadell Street –

- On April 22nd and 30th, 2021, HDR coordinated with the City and Mr. Ryan Pieszchala (Contractor – Quest Pools) regarding the location and requirements of the temporary culvert and driveway to access 8006 Anadell Street during the construction of the proposed pool.

b. 1220 Archley Drive –

- On May 3, 2021, HDR coordinated with Mr. Lonnie Sikes, P.E. (Drainage Engineer of Record – Andrew Lonnie Sikes, Inc.) regarding the as-built drainage plan requirements for 1220 Archley Drive.
- On May 7, 2021, HDR received the As-Built Drainage Plan for 1220 Archley Drive. The as-built drainage plan is currently under review.

c. 1257 Archley Drive Fire Hydrant –

- On April 27th and 28th, 2021, HDR coordinated with the City and Mr. Robert Ring (InfraMark – City's Operation & Maintenance Company) regarding the leaking fire hydrant located at the intersection of Ridgeley and Archley Drives (1257 Archley Drive).
- This fire hydrant was installed back in 2008 as part of the Ridgeley Drive Paving, Drainage & Utility Improvements Project.



- InfraMark reported that the fire hydrant first leak was addressed in September 30, 2020 when they hard flushed and closed it to clear the seat. It was re-checked on October 5, 2020 and was still leaking.
 - On October 27, 2020 the fire hydrant was serviced by InfraMark. They reported that the fire hydrant was difficult to operate, upper and lower stem were lubricated and placed back in service. The leak was corrected.
 - On March 8, 2021 the fire hydrant started to leak again and was black bagged out of service.
 - Options are to replace the seat in the fire hydrant or replace the fire hydrant. Based on the age and reported issues with the seat and operating stem, HDR recommends that the fire hydrant be replaced instead of repaired.
 - The City is currently securing quotes from InfraMark and other Contractors to remove and replace the fire hydrant.
- d. 1306 Bridle Spur Lane –
- On April 16, 2021, HDR reviewed and returned to the City the As-Built Drainage Plan Resubmittal for 1306 Bridle Spur Lane. The as-built drainage plan resubmittal was approved with exceptions noted.
- e. 1317 Bridle Spur Lane –
- HDR has been coordinating with the City and Mr. Jeffrey Klam (Property Owner) on the final inspection of the proposed patio improvements (i.e. wood decking replacement, flagstone relocation, crushed granite installation and artificial turf installation) at 1317 Bridle Spur Lane, including the project closeout. The final inspection has been scheduled for May 14, 2021.
- f. 1334 Glourie Drive (Lot 2) –
- On April 15, 2021, HDR performed the Pre-Construction Site Inspection at 1334 Glourie Drive (Lot 2). The site inspection passed with one (1) correction/comment; Contractor was required to provide fencing along the front property line, as well.
- g. 12 Pine Creek Lane –
- On May 7, 2021, HDR received a request from Mr. Brian Gaudet (Potential Buyer) for information on City development requirements and restrictions, including floodplain, for 12 Pine Creek Lane (empty lot).

- On May 12, 2021, HDR coordinated with the City and Mr. Gaudet on the City and Harris County Flood Control District (HCFCD) development requirements and restrictions. HDR also provided contact information for HCFCD to Mr. Gaudet.

h. 1202 Ridgeley Drive –

- On April 27, 2021, HDR coordinated with the City on the proposed emergency generator location at 1202 Ridgeley Drive. The property owner is proposing to locate the generator between the back of the dwelling and the rear property line. However, this location will not be acceptable since there are existing utility and overhead electrical easements along the rear property line, and access to these easements will be hindered/limited if the generator is placed within the easements area.
- HDR recommended that the proposed emergency generator be placed outside these easements.

i. 1210 Ridgeley Drive –

- On April 29, 2021, HDR received the Drainage Plan for 1210 Ridgeley Drive. The drainage plan is currently under review.

j. 7902 North Villa Court –

- On April 26th and 27th, 2021, HDR coordinated with the City, Mr. Mike Laga (Contractor – Aspire Fine Homes), and Mr. Taylor Johnson (Contractor – Aspire Fine Homes) regarding outstanding items not addressed on the As-Built Survey Resubmittal for 7902 North Villa Court (i.e. drainage pipe flowline and slope information, as-built impervious coverage calculations, as-built certification letter from Engineer of Record, etc.).

k. 8373 Westview Drive –

- HDR has been coordinating with the City and Mr. Joe Alday (8373 Group Contractor – Houston Plumbing Specialist) regarding the proposed fire line for 8373 Westview Drive and the connection to the existing water line under Pine Creek Lane.
- This work will require the road (Pine Creek Lane) to be open cut, therefore, the Contractor will be required to perform an asphalt pavement repair for the whole width of the road. The length of the repair is to be determined based on the size of the pit required to complete the fire line work but will be at least 10-ft (L) x 20-ft (W).

1. COH Water Delivery/Measurement Points GIS Map Request –

- On April 15, 2021, the City received a request from the City of Houston for City Contact Information Update, GIS Map and associated file geodatabase showing all the Water Meter locations, specifically the Delivery and Measurement Points, including latitude and longitude coordinates for each meter vault.
- HDR prepared and transmitted the GIS Map and file geodatabase to the City of Hilshire Village on April 30, 2021, and the City transmitted the requested information to the City of Houston on the same date.

m. American Rescue Plan Act of 2021 (ARPA) –

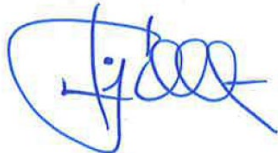
- Congress passed the American Rescue Plan Act of 2021 on March 11, 2021. This rescue plan is also known as the COVID-19 Stimulus Package. As part of this plan, the City of Hilshire Village will be receiving \$176,175.45 in available funds to be expended in eligible activities.
- For non-entitlement cities (less than 50,000 people) the funding will be managed by the State. There is no application process to receive these funds. Preliminary information suggests that funds will be deposited into a City account.
- The funds must be spent in ways defined by the Act and subject to audit. If funds are not spent correctly, the City may have to repay the government. If a City decides to not use the funds, they may be returned to the federal government.
- Initial allocation of funding from states to local municipalities is scheduled to be sent by June 10, 2021.
- Currently, there is very limited guidance from the U.S. Department of Treasury on the use of these funds. HDR has coordinated with several Grant Administrators, and their interpretation of the bill is that the funds are only to be used for the following:
 - Water, sanitary sewer, and broadband infrastructure.
 - Assistance to households, small businesses, non-profit organizations, or aid to impacted industries such as tourism, travel, hospitality.
 - Replacement of revenue lost because of financial hardships (i.e. loss of tax revenue from commercial/industrial properties due to COVID-19, etc.). In general, the Grant Administrators do not think this is advisable since it is difficult to prove.

- Additional pay for essential workers. In general, the Grant Administrators' opinion was that this is not an ideal way to use funds from the ARPA, as funds from the Federal Emergency Management Agency (FEMA) and other bills passed by Congress have already covered this item, and local governments cannot use funds from the ARPA for this same purpose if funding has already been secured from these other sources.
- A question has been posed to the Treasury on if the bill allows for available funds to be used for storm sewer infrastructure. There is no set timetable for the Treasury to provide clarification on this question.
- Examples given for water and sewer infrastructure: funds can be used towards new construction of water or sewer facilities, rehabilitation, elevated/ground storage tanks, plant expansions, SCADA, generators, or other. Based on these examples, the City may be able to use these funds for the Lift Station Emergency Generator, Hickory Shadows Water Meter Vault Replacement, and possibly emergency repairs performed after the February 2021 Winter Weather Freeze.
- Although funds are not to be used specifically for roadway reconstruction or repair, pavement repair can be considered incidental as part of a water or sewer project if existing facilities are located below roadways.
- There is a very short timeframe for this program, as funds must be used by December 31, 2024.
- In order to receive funds, municipalities must have a SAM account number and Employer ID Number (EID).
- HDR will keep the City informed as additional information becomes available.

If there are any questions concerning the information contained in this report, we will be glad to discuss them with you.

Sincerely,

HDR Engineering, Inc.



Efrain A. Him, P.E.
Project Manager

cc: Files (10281855)