



July 16, 2021

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

Re: Engineer's Report for July 20, 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 June 12, 2021 to July 16, 2021.

1. On-Going Services (10281855):
  - a. 8006 Anadell Road –
    - HDR is scheduled to perform the Swimming Pool Drainage Cover Inspection at 8006 Anadell Road on July 16, 2021.
  - b. 1220 Archley Drive –
    - HDR has been coordinating with the City and Mr. David Schwarz (Property Owner) regarding driveway access issues and potential modifications that may require approval by the Board of Adjustment (BOA) and City Council due to impervious coverage restrictions.
  - c. 1317 Bridle Spur Lane –
    - On June 16, 2021, HDR reviewed and returned to the City the Backyard Improvements As-Built Drainage Plan for 1317 Bridle Spur Lane. The as-built drainage plan was approved with exceptions noted.
  - d. 8116 Bromley Road –
    - On June 23, 2021, HDR performed a site visit to 8116 Bromley where a potential developing sinkhole under the pavement was reported. HDR confirmed undermining of the pavement at this location but it did not appear to be an immediate threat of collapsing.

- Houston Plumbing Specialist (Contractor working on 6-inch fire line for 8373 Westview Drive) is performing pavement repair work under that contract, therefore, HDR recommends that the City request a quote from this and two (2) other contractors to perform a pavement point repair at Bromley Road.
- e. 1326 Glourie Drive –
- On June 24, 2021, HDR reviewed and returned to the City the Drainage Plan Resubmittal for 1326 Glourie Drive. The drainage plan was approved with exceptions noted.
  - On July 2, 2021, HDR attended the Pre-Construction Meeting with the City and Contractor to discuss City requirements, storm water pollution prevention silt fencing, etc.
- f. 1 Hickory Shadows Drive –
- HDR has been coordinating with the City and Mr. Brian Anderson (Property Owner) on proposed drainage improvements at 1 Hickory Shadows Drive. Mr. Anderson is experiencing water ponding issues on the east side of his property and would like to add grate inlets and storm sewer pipes to drain this area, as well as, connect downspouts to the proposed storm system.
  - The City has an existing 8-inch water line within the 10-ft wide water easement in the area in question, therefore, Mr. Anderson and/or his contractor will need to take this information into consideration in their proposed drainage improvement design.
- g. 7907 Hilshire Green Drive –
- On July 14, 2021, HDR reviewed and returned to the City and Ms. Danielle Marriott (Contractor – David Weekley Homes) the Drainage Plans for 7907 Hilshire Green Drive. The plans require corrections and additional information (i.e. survey benchmark and scale, building lines, existing and proposed perimeter elevations, etc.), therefore it must be revised and resubmitted for final review and approval.
- h. 4 Hilshire Oaks Court –
- Mr. Raul Rizo-Patron at 4 Hilshire Oaks Court contacted the City regarding the removal of a tree in his property due to safety concerns. The tree has bulging roots that have altered the stormwater runoff flow around the tree and caused a depression in his backyard that holds water. Mr. Rizo-Patron plans to remove the tree and then level the depressed area (approximately 10-ft square) for proper drainage.

- As requested by the City, on July 9, 2021, HDR performed a site visit to 4 Hilshire Oaks Court to assess the conditions and verify there would not be any adverse impact to drainage in the area and adjacent neighbors due to the improvements proposed by Mr. Rizo-Patron.
  - Based on the site observations, HDR reported to the City that removal of the tree and filling/leveling the 10-ft square area should not have an adverse impact to drainage in the area but we will need to monitor the work as it progresses to confirm work does not extend beyond what has been discussed and agreed upon.
- i. 8201 Mallie Court –
- On July 15, 2021, HDR reviewed and returned to the City and Mr. Erik Silvey (Contractor – Erosion Control Systems) the Erosion Control Plans for 8201 Mallie Court. The plans require corrections and additional information (i.e. missing storm water pollution prevention plan, easement lines, floodplain delineation, erosion control details, etc.), therefore it must be revised and resubmitted for final review and approval.
- j. 7902 North Villa Court –
- On July 7, 2021, the City followed up with Mr. Taylor Johnson (Contractor – Aspire Fine Homes) on the status of the as-built drainage plan for 7902 North Villa Court since the Conditional Certificate of Occupancy has expired.
  - HDR has been coordinating with Mr. Taylor regarding the as-built drainage plan requirements for 7902 North Villa Court, as well as addressing drainage issues experienced by 5 Hilshire Grove Lane (potentially related to construction activities at 7902 and 7906 North Villa Court).
- k. 1302 Pine Chase Drive –
- As previously reported, on June 3, 2021, HDR received the 1302 Pine Chase Drive sanitary sewer service video provided by Mr. David Parker (Property Owner) to InfraMark, and showing sags/bellies on the line, as well as a potential sewer backup at the connection with the main sewer line.
  - The surcharge on the vertical stack at the connection with the main sewer line is unusual, therefore, HDR recommended the City/InfraMark to jet clean the main line to clear any sediment/blockage that may be causing the flow to surcharge into the stack.
  - On June 16, 2021, InfraMark discovered a grease blockage on the main sanitary sewer line and proceeded to pressure clean the line. The grease blockage was removed and normal sewage flow restored in the area.

- l. 1306 Pine Chase Drive –
  - On July 12, 2021, the City received a call from another resident concerning the steep ditch drop-off at 1306 Pine Chase Drive created by Mr. Greg Truax (Property Owner) during his non-permitted preparatory parking pad work.
  - The City has informed Mr. Truax that he needs to stop any work and wait until the parking pad ordinance/specifications are revised and approved by the City. Mr. Truax will need to submit proposed parking pad plans to the City for review and approval.
  
- m. 2 & 3 Pine Creek Lane –
  - On June 25, 2021, HDR reviewed and returned to the City the Erosion Control Plans for 2 and 3 Pine Creek Lane. The plans require corrections and additional information (i.e. delineation of proposed retaining wall, erosion control details missing storm water pollution prevention plan, easement lines, floodplain delineation, , etc.), therefore it must be revised and resubmitted for final review and approval.
  - Also, the proposed erosion control plans must be submitted to Harris County Flood Control District (HCFCD) for concurrent review and approval.
  
- n. 12 Pine Creek Lane –
  - HDR has been coordinating with the City and Mr. Brian Gaudet (Property Owner) for information on City development requirements and restrictions, including floodplain regulations, for 12 Pine Creek Lane (empty lot).
  
- o. 1210 Ridgeley Drive –
  - On June 16, 2021, HDR received the Drainage Plan Resubmittal for 1210 Ridgeley Drive from Mr. Karl Breckon, P.E. (BEC Engineers and Consultants. LLC) for review.
  - On June 29, 2021, the City requested HDR to cease review of current plans for new construction and drainage at 1210 Ridgeley Drive since the homeowner has contracted a new builder and will be starting over with plan development.
  
- p. 8373 Westview Drive –
  - HDR has been coordinating with the City, and Mr. Joe Alday (8373 Group Subcontractor – Houston Plumbing Specialist – HPS) regarding the proposed 6-inch fire line for 8373 Westview Drive, connection to the existing water line under Pine Creek Lane, as well as the bonding requirements for work within City right-of-way.

- HPS completed the 6-inch fire line tap to the City's water main under Pine Creek Lane on July 15, 2021 and is currently working on the installation of the remaining section of the fire line towards the building.
- Once the fire line work is completed, HPS will perform the asphalt pavement repair on Pine Creek Lane. Temporary steel plates are being used to cover the excavated areas under the pavement and restore traffic access.

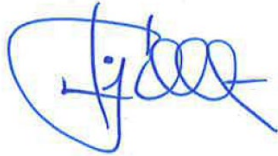
q. Wirt Road Safety Project –

- HDR has been coordinating with the City regarding the proposed Wirt Road Safety Project (i.e. sidewalks, traffic, traffic signal, and street lighting).
- The City has requested HDR to confirm that the City of Houston (COH) will not have any objection to the proposed improvements before any funds are spent on engineering design services.
- Mr. Teofilo Rebagay, P.E. (former COH Traffic Engineer) retired on June 25, 2021, and a new City Engineer, Mr. Suhail Kanwar started on June 7, 2021. HDR has made initial contact with Mr. Kanwar and will request a formal meeting for the City and HDR to discuss the proposed Wirt Road Safety Project.

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)