

Montgomery City Council
AGENDA REPORT

Meeting Date: April 26, 2022	Budgeted Amount: N/A
Department: Admin	Prepared By: Dave McCorquodale

Subject

Consideration and possible action on a variance request to storm water conveyance requirements of City of Montgomery Design Criteria Manual for the Hills of Town Creek Section Five development.

Recommendation

Consider the information provided by the developer and staff and approve or deny the request.

Discussion

The developer is requesting to use HP polypropylene pipe in lieu of reinforced concrete pipe (RCP) under roadways in the new subdivision. The City Engineer and Public Works Director do not believe the material is an acceptable substitute because of the special requirements of proper installation and bedding needed for HP pipe to perform the way it should.

The City's Design Criteria Manual provides details and specifications for development projects including street design, sanitary sewer lines, water distribution lines, and storm sewer systems. For storm sewer drainage system materials and installation techniques, the City requires compliance with the most current Montgomery County and TxDOT requirements, as applicable.

The Montgomery County Drainage Criteria Manual currently requires RCP under roadways, although the developer has provided a letter/memo exchange between Precinct 4 Commissioner Metts and the Assistant County Engineer that appears to indicate the County will accept HP pipe as an alternative to concrete pipe under roadways provided additional testing is done before the County accepts the work.

The City's Design Criteria manual allows City Council to consider an alternative material or construction method. Attached is an excerpt from the Design Criteria Manual for reference.

Approved By

Asst. City Administrator	Dave McCorquodale	Date: 04/21/2022
City Administrator	Richard Tramm	Date: 04/21/2022