

## Roads and Drainage Meeting Minutes - 12/17/2020

### Attendees:

Members: Richard Sowrey (Chairman/Secretary), Alex Scanlon, Thomas Haaland, Tony Peterson, Jeff Terrell

Other Attendees: Randy Chronister (Council Liaison), Brent Spier (City Administrator), Steve South and guest.

Roads and Drainage met at 3:35 PM on December 17, 2020

The meeting was conducted as a workshop.

### **Drainage Master Plan.**

Our primary task was to make a first pass at marking up a Galveston County drainage document.

The title of the mark-up document is Galveston County Drainage Design Criteria.

The Galveston County document covered both residential and commercial projects.

The Roads and Drainage document is intended to cover residential projects only and applies to the City of Clear Lake Shores.

This is the first version of the CLS Drainage Design Criteria, and it will be used as a basis for further discussion at future meetings.

We went line by line and removed 13 of 48 paragraphs and modified most others.

There was extensive discussion covering important topics such as:

- The requirements of a drainage plan.

- How to handle roof drainage.

- How to manage drainage from adjacent property.

- Best practice for use of pavers.

- Minimum culvert size in city ROW.

- Maximum distance between inlets to the city storm drains.

- The restriction of HDPE CPP for city storm drains.

- Height of slab above adjacent road centerline.

Many of the above issues will need to be reviewed at the next meeting.

Because of time, the reconciliation with city ordinances was not addressed.

After the residential document is finalized, the commercial district will be added.

Alex Scanlon has been a major contributor to the CLS Drainage Master Plan.

### **2020 Multiple Roads Project.**

Because of time constraints, there was not much time to discuss this topic.

Brent said that he had contacted Cobb Fendley about their commitment to CLS projects.

They responded positively and wanted to continue the 2020 project.

Brent spoke to them about doing additional coring work by Teracon to verify the condition of the base on Juniper.

RS and AS questioned the need for cores before we get input from PMG in February.

AS noted, that they did a good job on concrete and drainage engineering but lacked expertise on asphalt overlay and alternative refurbishment of road surfaces. AS also said, he was looking into alternative engineering companies that could also carry out project management.

#### **PMG Turn-key Pavement**

Brent reviewed a discussion he had with PMG.

He noted that no new computer Hardware is required, and training needs will be minimal.

RS also reported that PMG would check if additional columns can be added to capture comments on the drainage system conditions at various points along the road.

#### **Shell Bottom Pavement Project,**

Brent reported on the timing and strategy of paving the Shell Bottom boat ramp.

He noted that there was little new information but that it is still moving forward.

Brent is working with Texas Parks and Wildlife to get grant money for the boat ramp.

He sees the ramp as being a complete concrete parking lot with the boat launch area done in reinforced concrete. Drainage will flow to the lake.

Brent said the engineering contractor he is working with is Shellmark.