

## Roads and Drainage – Meeting Minutes

January 20, 2022

### Members of R&D

Richard Sowrey, Co-chairman  
Alex Scanlon, Co-chairman  
Thomas Haaland, Secretary (Absent)  
Tony Peterson  
Tanya Rogers

### City of CLS

Brent Spier, City Administrator (Absent)  
Kevin Harrell, Building Inspector

### City Council Liaison

Randy Chronister

Quorum confirmed.

Meeting was called to order at 4:04 pm.

### Road Maintenance and Drainage Culvert / Ditch Maintenance

Status and possible action on road maintenance.

Review outcome of Full Depth Reclamation on Juniper - Oak to Clear Lake Road. RS

Invoices have been submitted and paid.

Warranty is for one year.

Review Kenneth Farrow (KF) observations of Pavement Services (PS) and FDR. RS

KF found PS helpful, flexible, and accommodating.

His invoices for inspections have been received and paid.

R&D found his services were professional and helpful.

KF agreed to work the Narcissus and Blue Point roads if needed.

Review road patch repair. RS

PS did good job with patches and stop lines.

Status of crack seal program.

Pavement Services – possible candidate. KH/RS

R&D agreed to get together at an agreed date and make a list of cracks to seal.

KH to give PS the list and have them begin work soon after.

Concentrate on peripheral and cross streets.

Status and possible action on drainage culverts and ditch maintenance.

KH having difficulty in getting in touch with interested contractors.

Status and possible action on shooting elevations of storm water system.

Identify surveyors that can shoot elevations of culverts on Narcissus. KH

KH noted that there are numerous surveyors to choose from.

Tri-Tech (TT) in Houston interested. Contact - Larry Hoffman. RS

KH will set up meeting with TT. R&D to attend if available.

R&D will ask if they can do ditches as a project.

KH also contacted High Tide (HT).

They can do elevations for \$225/hr – can do 50 to 100 culverts per day.

If there are 150 culverts on Narcissus – approx. 2 days = \$3600.

A third surveyor is Pro Serve. (PS)

R&D recognizes the need to hire out ditch maintenance if it cannot be done inhouse.

Develop strategy to use previous drainage plan as framework for future. AS

At TT meeting R&D to ask if they can provide a turnkey maintenance plan for the city.

Once we get the surveyor data, we need to add it to the master plan and maintain it.

R&D agreed that if the city cannot do it internally, then we need to get a 3<sup>rd</sup> party.

This engineering 3<sup>rd</sup> party would maintain the master plan.

KH to get quotes for this effort. (Cobb Fendley and others.)

KH to contact Cobb Fendley (CF) to expand on previous Drainage Plan and manage.

R&D/KH to invite CF to discuss their ideas on how to handle this – by video conference.

KH to contact HT to create a GIS type plan. They have expressed an interest in this.

KH to contact TT also. They have mentioned this as well.

Barfield and Midtown Engineering (Joel) are others for KH to contact. (per AS)

Discussion and possible action on 2022 road maintenance on Blue Point and Narcissus. All Project name – “2022 Roads and Drainage Project”.

R&D recommended to do Blue Point (BP) now since limited drainage issues exist.

R&D agreed that drainage culvert elevations on Narcissus done before road pavement work.

Cross culverts issues under roads must be completed before pavement work.

Known areas – Ivy and Narc. / South Narc. 700 block.

Probable mid road crossing culverts total = 7 to 10. (Not including culverts at road ends.)

### **Continuation of work on City Right-of-Way (ROW) and Storm Water Ordinance**

Alex to continue review of earlier work and way forward for the ordinance. AS

AS needs input from R&D on city ROW restrictions like rocks, trees, and other encroachments.

A second point is how much of the ditch can you cover with a culvert.

R&D agreed to walk sectors and photograph possible problems.

Then review each area at the next meeting in effort to capture wording for ordinance.

### **Check Valves on Outflow Culverts**

Discussion and possible action on outflow check valve inspection and maintenance. TP

Tony (TP) having trouble getting in touch with Tideflex manufacturer about maintenance issues.

When contact made, TP to ask:

What is expected life of valve?

How to maintain them and is there any contractors in the area to do work.

Is there any situation where a valve is not appropriate? Minimum head and friction loss.

Is the valve tight shut off or is there some back leakage over time?

R&D had a preliminary discussion on wholesale replacement of check valves vs as needed.

After getting some of the above questions answered, we can discuss this further.

Some of the likely areas for valves would be at CL Road and S. Shore and Ivy and N. Shore.

### **Additional Topics**

Discussion of streamlining the selection of contractors to reduce churn. RC

Randy (RC) brought up the practicality of hiring a pavement contractor without bidding.

Generally, when the project is greater than \$50k, we need to bid the job.

If we find a contractor we like, can we hire him to do our pavement work over \$50k?

This may not be an R&D issue but may be better addressed at City Council level.

Can we hire a contractor for maintenance for an extended term – say 2 to 3 years?

RC to contact City Attorney or TML to see what alternatives exist.

Status and discussion of 830 -834 Birch Rd drainage work. All

The engineering design of the existing drainage plan at 830 Birch was discussed.

It looks like the rainwater falling on the plot may be taken care of.

Will the water from interrupting the flow from adjoining residents be taken care of?

Texas Water Code 11.086 prohibits diverting the natural flow across a property.

Also, the need for providing silt fences around the stormwater inlet was discussed.

Now, fill dirt from the construction site is washing into the culvert.

That dirt will need to be cleaned out later if we don't prevent it entering.

KH said he would look into it.

Status of drainage issues on the S W. Aspen Road and Clear Lake Road involving Soul Freak, Oakies, Craven Boat works, and Captains Corner. AS/KH/BS

This topic was deferred till next meeting.

Roads and Drainage long term strategy. All

This topic was deferred till next meeting.

The 11/18/2021 minutes were approved unanimously by e-mail. RS

The meeting was adjourned at 6:18 pm.

These meeting minutes were approved by e-mail on 2/1/2022

Action items are underlined.