

**ROADS AND DRAINAGE MEETING MINUTES  
AUGUST 18, 2022 @ 4:00pm**

**Members R&D**

Richard Sowrey

Alex Scanlon

Thomas Haaland

Tony Peterson

Tanya Rogers (Absent)

**City of CLS**

Brent Spier, City Administrator

**City Council Liaison**

Randy Chronister Absent

**The Roads and Drainage meeting was called to order at 4:15 on 8/18/2022**

**Discussion and possible action on 2022 road maintenance for Narcissus**

Alex Scanlon presented raw data from High Tide for drainage on Narcissus and Blue Point.

R&D's aim is to bid the job asap so that new road work can be scheduled.

An RFQ will be written by R&D to help Brent move forward on getting alternative engineering companies for road and ditch maintenance.

One more RFQ will be needed for the cross-culvert details on Narcissus at Ivy.

Outfall data is missing and is needed to complete the work of identifying the ditch flow lines on Narcissus.

R&D to contact Brent to determine if High Tide completed the task outlined.

If so, then further work is needed to fill in the flow lines to the outfalls.

Alex noted that there should not be much trouble starting the process of finding a suitable contractor to conduct FDR on Narcissus.

**Valves on Outflow Culverts**

Tony Peterson gave the status for a Tideflex test case at Ivy and W Shore.

Tony contacted Bulkhead and Pier and they were interested in this job.

He will create an RFQ for contractors to install new check valves.

**Strategy to use previous drainage plan as framework for the future**

Alex Scanlon discussed the pros and cons of using LIDAR.

He noted that LIDAR would not be needed for mapping the roads in CLS.

LIDAR would only give the surface features and is not as effective as shooting flow lines like we are doing now with High Tide.

R&D agreed that the criteria for flow lines being out of alignment will be a 3 inch offset in an uphill step. A downhill step has no reasonable limit.

**Review of R&D 5-year plan**

Richard Sowrey presented the R&D ten-year financial spending plan.

Suggestions were made to the proposed EXCEL spreadsheet such as:

CLR refurbishment was scheduled for year 2 and 3.

A study was approved for bridge refurbishment in year 1.

Adding concrete bridge approaches and an east side sidewalk.

Sharing drainage work at Soul Freak/Okies.

Funding yearly updates for PMG.

Yearly funding for crack filling.  
Funding High Tide or other Co. each year for shooting flow lines.  
Dror Avenue drainage maintenance funding.  
Other funding adjustments.

### **Status of Blue Point Project**

Brent gave an overview of the current status on Blue Point.  
He thought that the visit to residents by R&D before construction was a good idea for this project and recommended to repeat for future projects.  
Richard repeated Kenneth Farrell's comments on his observations on BP.  
He thought the base was very firm and will last a long time.  
FDR went very well with no complaints from the residents.  
There appeared to be standing water about 2/3 up (N) the road on the east side. This may be a water line leak. To be determined.  
Asphalt should be laid down after the rains pass.

### **Status for the Clear Lake Road bridge and transitions**

R&D recommended an RFQ be written for the north and south bridge transitions.  
The south transition will extend to SSD.  
The S transition will have a sidewalk on the E side from the bridge to Birch.

### **Bridge Refurbishment**

Alex suggested the bridge could be refurbished and should last many more years.  
Some improvements to the bridge should be considered.  
Change guard rails to modern design.  
Clean it up by pressure washing.  
Coat with corrosion inhibitors.  
Fill holes in bridge surface.  
R&D agreed to generate an RFQ to study refurbishment of the bridge.  
It should spell out:  
What the general condition is. Repair recommendations.  
Maintenance recommendations. Approval recommendations.

### **Summary of R&D Recommendations for additional RFQs**

Narcissus road refurbishment.  
Large ditch cross culvert "tank trap" on Ivy at Narcissus.  
Bridge refurbishment study'  
Bridge transitions and sidewalk.  
Tideflex replacement on Ivy and W Shore.  
Scheduled repairs as: "Angel Baths" on Oak/Ivy', deep hole on 304 Oak and others.

**The R&D meeting was adjourned at 6:15 pm.**