

AGENDA

PUBLIC WORKS COMMITTEE MEETING

Agenda August 26, 2019 @ 5:30 PM
Council Chambers Conference Room, City Hall

1. Agenda Approval.
2. Approval of Minutes, meeting of August 12, 2019.
3. Old Business :
 - a. Update on Cole Street Streetscape improvements:
 - 15 new poles ordered – Black textured, 10-12 week delivery (November).
 - Based on holiday decorations will not likely begin replacing until 1/2020.
 - Painting of signal poles will be last – need to find a more cost effective solution.
4. New Business:
 - a. Public Works fleet replacements and adds in 2020 budget
 - b. Capital requirements for Stormwater
 - c. 2020 budget and potential rate changes – good news.

Public Works Department

August 23, 2019

Memorandum for Public Works Committee

From: Jeffrey A. Lincoln, Public Works Director

Subject: Minutes of meeting of August 12, 2019

1. Meeting Convened at 5:30 PM, with members and Wright (Chair), LaFleur and Chevassus present. Meeting chaired by Council Member Wright. Staff Lincoln present.
2. Minutes for July 22, 2019 and the agenda for tonight's meeting were approved.
3. Old Business: None.
4. New Business:
 - a. Lincoln reviewed the upcoming capital projects (Planning worksheet from Projects System). This worksheet shows the projects in progress and the next three years forecasted. Lincoln explained that we had grant applications in to TIB for Warner overlay between SR410 Semanski and the rebuild of Warner between SR410 and Berninger. Both Railroad and Cole Streets and planned for repaving next year. There was a brief conversation regarding the items on the list and there is no exceptions to the current 6-year transportation plan.
 - b. Lincoln informed the committee that the re-roof of the Exhibit Hall would be accomplished in the spring of 2020 and we had a working estimate of approximately \$440,000 for the project based on job order contracting pricing available.
5. Meeting adjourned at 6:17 PM.

To be Replaced in 2020

No.	Vehicle Description	Depts/Funds	Department /		Purchase		Total	
			Division	Year	Cost	Ready	Cost	Cost
238	95 CLUB WAGON	535	FAC	1995	17,743	-	17,743	
265	00 NEW HOLLAND 555 BACKHOE	410	PW	2000	51,462	-	51,462	
282	02 ELGIN CROSSWIND REGEN SWEEPER	110	PW	2002	140,500	1,000	141,500	
290	05 JOHN DEERE TRACTOR/BACKHOE	430	PW	2005	56,668	600	57,268	
296	05 FORD ECONO MINI BUS	185	SR CENTER	2005	55,018	-	55,018	
297	05 INGERSOLL-RAND AIR COMPRESSOR	110 410 430	PW	2005	16,576	-	16,576	
			Totals		337,967	1,600	339,567	

To be Added in 2020

No.	Vehicle Description	Depts/Funds	Department /		Purchase		Total	
			Division	Year	Cost	Ready	Cost	Cost
	Transit Connect - Replace #238	535						
	Backhoe, Water	410						
	Sweeper	110						
	Compressor							
	Water Pickup							
	Water Vactor/Excavator							
	Yard Goat for WWTP							
	Crack Sealer	110						

FY 2020 SW Decision Package Reports

1. Chinook Stormwater Pond Clean-up- no packet for this one....just roll over

Purpose & Description

Rollover from 2019 Budget – Decision Package already approved

2020 Chinook Stormwater Pond: mow, remove trees, remove and haul excess materials for disposal

Budget Highlights

Rollover from 2019 Budget – Decision Package already approved

Fiscal Details - 2020

450.000.594.31.630.00 OTHER IMPROVEMENTS - \$25,000

2. Battersby Avenue Culvert Replacement Packet #SM-0005

Purpose & Description

Replace the existing two deteriorating corrugated metal pipe culverts under Battersby Avenue at the DD5 Lateral B drainage ditch. Temporary repairs were made to part of the culverts in 2009 after a sink hole developed but the remaining section of culvert is showing severe signs of corrosion and is susceptible to failure. The existing culverts will be replaced with a 6'x10'x72' precast concrete box which is sized to meet current WDFW no-slope culvert design guidelines. The new culvert will provide an improvement for both drainage in the area and fish passage.

Budget Highlights

Permitting and design is slated to be completed in 2019. Project construction is pending award of requested \$301,000 Flood Reduction grant from the KC Flood Control District. Remaining funding of \$122,187 would be paid for out of the KC Flood Control District Opportunity fund available to the city for use on this project.

Fiscal Details - 2020

~~\$421,679.00~~ — **\$423,187.00**

KC Flood Control Grant – \$301,000

KC Opportunity Fund Grant – \$122,187

3. SR 410 Catch Basin Repair Packet #SM-0006

Purpose & Description

An existing catch basin in front of the Ski Shop on SR 410 is located in the wheel path of eastbound vehicles and subjected to heavy loading/fatigue making it susceptible to failure. An emergency repair of the catch basin was conducted in 2009 but the frequent travel over it since then has again caused it to fatigue/deteriorate requiring repair/replacement. Project will seek to eliminate the solid lid catch basin if feasible or replace it with a manhole that is better suited to be located in the wheel path. At minimum, a similar repair to the one conducted in 2009 is needed.

Budget Highlights

Emergency repair costs in 2009 totaled roughly \$8000. Increase in construction costs since then and goal to provide a more permanent solution dictates that additional funding is made available. Failure to make appropriate repairs soon could result in vehicle damage if the lid falls into the catch basin leaving a subsequent void in the roadway.

Fiscal Details - 2020

\$25,000.00

4. Dickson Culvert Replacement Packet #SM-0007

Purpose & Description

A corrugated metal pipe cross culvert on Dickson Ave is severely deteriorated per operations and needs to be replaced to avoid potential collapse. Collapse of the culvert could result in upstream flooding of neighboring properties.

Budget Highlights

Planned replacement of the culvert in-lieu of emergency repairs if the culvert collapses will result in much less overall cost incurred by the city.

Fiscal Details - 2020

\$15,000.00

5. Sigrist Dr Drainage Improvements Packet #SM-0009

Purpose & Description

Water from an underground spring below the roadway of Sigrist Dr in the Elk Meadows development emerges between edge of pavement along the gutter and continuously flows downstream to the nearest catch basin for a majority of the year. Flow crosses multiple residential driveway entrances and leads to a build-up of algae/slime as well as increased deterioration to the roadway. This also results in ice hazards around the area during the winter time. Several residence in the area have complained about the issue.

A shallow well installed in the nearby stormwater pond tract in 2018 successfully intercepted a portion of the flow and mitigated the issue. Additional drainage improvements are needed to eliminate the issue completely. This project would install additional catch basin/perforated drain system to intercept additional flow and intercept remaining surface flow prior to crossing driveway entrances.

Budget Highlights

Drainage improvements will be performed by city staff or contracted out. Work would eliminate current slip hazards created by the continuous drainage.

Fiscal Details - 2020

\$10,000.00

6. Drainage District Hydraulic Project Approval Management Packet #SM-0008

Purpose & Description

Local Drainage Districts have been unable to facilitate acquisition of appropriate permitting from WDFW to conduct proper maintenance on their drainage systems. This has resulted in areas of sediment accumulation and vegetation overgrowth restricting proper drainage flow paths. Reduced drainage has impacted proper flow control functionality of several city owned stormwater detention ponds and resulted in vegetation overgrowth control complaints from several residence.

To help alleviate this issue, an Inter-local agreement is tentatively planned to be established with Drainage District 5/5A and 6 for the COE to facilitate acquisition of HPA permitting with the WDFW for comprehensive maintenance of appropriate drainage district ditches which serve the City's MS4. Said agreement would establish appropriate cost sharing requirements of the city regarding permit acquisition and maintenance work for which no funds are currently budgeted for. As a majority of the city's MS4 drainage flows through drainage ditches under the jurisdiction of DD5 and DD6 it is in our best interest to assist financially with this effort.

Budget Highlights

Lack of maintenance on several key drainage district ditches in the COE has led to drainage issues and could lead to future flooding issues within the city if no addressed properly.

Fiscal Details - 2020

\$50,000.00