



AGENDA

Public Utilities, Road & Bridge Committee Meeting 5:30 p.m. October 18, 2018 at City Hall

Meeting Notes

- Approval of September 20, 2018 meeting notes

WWTP Gravity Belt Thickener Project

- Building is near completion, waiting for GBT skid unit to be finalized and delivered
- Consider Teltow Contracting Final Payment Application # 2 in the amount of \$3,850.10
- Consider Orchard Construction Payment Application #2 in the amount of \$12,559.56
- Consider Midwest Power Systems Pay Application # 1 in the amount of \$95,000.00
- Consider Tony Baczewski Electrical Pay Application #1 in the amount of \$24,747.84

WWTP Equalization Basin Stabilization

- Work complete
- Consider Teltow Contracting Final Pay Application in the amount of \$11,010.00

SAW Grant Activity

- Flow meters are currently being installed to monitor system flows
- City departments and PCE are currently marking existing utilities for GPS locating. PCE to inspect manholes identified by FTC&H during their I&I Study as needing repair
- Sanitary sewer TV inspection in progress.
- Many smaller 8" lines have protruding leads preventing camera inspection. Estimating costs to grind off leads.
- Discuss funding for main interceptor sewer cleaning
- On October 4th and 5th a demonstration was performed for trenchless repair of sewer wye connections at sewer main. This information will be used to develop costs estimates for the Capital Improvement Plan.

24 Mile Sanitary Pump Station Settlement Repairs

- Evaluating- auger cast piles adjacent to station, exterior concrete ring connecting piles, and pinning manhole sections with internal structural steel. Initial piling estimate Spartan Specialties LTD for pilings only = \$33,000. Full project estimates pending preliminary structural design
- Considering installation of a station bypass
- Status of issues with smart pumps.
- Consider C-3 Equipment invoice for condition assessment work \$2,082.50 (SAW grant eligible)

Murdick Watermain Project

- Work is complete, watermain is in operation.
- Consider Change Order #1 in the amount of \$11,500 for lead water service replacement and installation of a 16" tapping sleeve valve and box.
- Consider Murray Underground Systems Payment application #2 (including change order #1 above) in the amount of \$98,233.10

Water Meter Reading

- Consider installation of analog meters where homeowners do not want radio reads



Discuss Catch basin Repairs

- Advanced Rehabilitation Technology- internal liners \$700/ ea, with city internal patching & traffic control approx. \$200/ ea= Total \$900/ea
- James P Contracting made some repairs at approx \$1300/ea (cut & patch street, external repairs)

Grand Rapids Vital Street Plan

- Mayors overview of plan from Michigan Municipal League conference

2019 Road Maintenance

- Review street mapping, condition assessment & maintenance plan status
- Discuss funding for 2019 projects
- Discuss possible budget allowances:

DESCRIPTION	TOTALS
HOMESTEAD: DURRELL, BRADSHAW, CRANMER & BURTON (MILL, FIBER MAT, 2 1/2" ASPHALT OVERLAY)	\$356,000.00
PAVEMENT MARKING	\$35,000.00
OVERBAND CRACK FILLING (MISC STREETS)	\$100,000.00
CATCH BASIN REPAIRS	\$35,000.00
TOTAL PATCHING (MISC STREETS)	\$40,000.00
TOTALS	\$566,000.00

Bal Clair Sanitary Pump Station

- Bal Clair Emergency VFD replacement- McNaughton-McKay Electric invoice \$6,683.23

St Clair Sanitary Pump Station

- Phase 1- discuss upgrade of electrical service upgrade .Consider Lotis Electric quote \$8,54.40
- Phase 2- pump replacement

WWTP Alternative Treatment Method

- Clearas nutrient recovery system benefits- phosphorus & ammonia reduction
- Possible pilot study

Other Updates:

- WWTP Final Clarifier Valve Replacement- evaluating costs to core thru existing valve from manhole
- Water Plant Roof Replacement- Repairs made by Zimmer Roofing have stopped leaks. Zimmer will be quoting a complete Duro-Last System for full replacement.
- Marquardt Ct Water Main Replacement- spring project
- Taylor Street Replacement- special assessment unsuccessful
- Water rates- ordinance language, cost of living increase, capital charges, tap fees, contractors to do taps (instead of DPS)

Consider Rescheduling Next Meeting- November 15, 2018, 5:30 p.m. at City Hall