



AGENDA

**PUBLIC INFRASTRUTURE IMPROVEMENTS COMMITTEE MEETING
SCHEDULED
MONDAY, JULY 16, 2018
1:30 P.M.
CITY HALL COUNCIL CHAMBERS**

- I. CALL TO ORDER**
- II. PLEDGE**
- III. ROLL CALL**
- IV. APPROVAL OF AGENDA**
- V. APPROVE MINUTES**
- VI. PUBLIC INPUT/COMMENTS/QUESTIONS**
- VII. NEW BUSINESS**
 - 1. Review and select projects performed by City forces**
 - 2. Review and select projects to be bid for construction**
 - 3. Review and select projects for engineering studies**
 - 4. Policy for the creation of the standing committee**
 - 5. Review of current and proposed projects**
- VIII. ANY OTHER BUSINESS TO COME BEFORE THE COMMISSION**
- IX. ADJOURNMENT**



**PUBLIC INFRASTRUCTURE IMPROVEMENTS COMMITTEE MINUTES
MONDAY, JUNE 18, 2018 AT 1:30 P.M.
CITY HALL COUNCIL CHAMBERS
111 SOUTH CAPITOL STREET
PEKIN, ILLINOIS 61554**

Council Member Lloyd Orrick called the meeting to order at 1:30 p.m.

PRESENT: Council Member Lloyd Orrick, Council Member Michael Garrison, and Council Member John Abel.

ALSO PRESENT: City Engineer Michael Guerra, Project Engineer Josie Esker, City Manager Anthony Carson, Assistant City Manager Mark Rothert, Finance Director Bruce Marston, City Clerk Sue McMillan and Deputy City Clerk Nicole Stewart.

APPROVAL OF AGENDA

Motion made by Council Member Garrison to approve the June 18, 2018 Agenda, seconded by Council Member Abel. All in favor.

PUBLIC INPUT: None.

NEW BUSINESS

Motion was made by Council Member Garrison to appoint Council Member Orrick "Chair" of the committee.

City Engineer Michael Guerra provided spreadsheets ranking storm water problems within the City based on levels of priority. The Committee discussed Jane Street and recommended that a letter be drafted to our legislators regarding the negotiations with the railroad for easements. Motion was made by Council Member Garrison to present the letter on the Consent Agenda for an upcoming City Council meeting. All in favor.

The Committee discussed the option of planning and prioritizing yearly, or creating a 3-5 year plan. The Committee also discussed options for borrowing funds from the City's General Fund account. Finance Director Bruce Marston agreed to do an amortization schedule for the next meeting with different scenarios to possible borrow \$1-1.5M. The committee suggested having the Treasurer, Jim Wolf, look into a \$3M bond.

The Committee discussed storm water problems that could possibly be completed this year in house with the street department that would cost less than \$10,000.

The Committee also discussed that they would regularly meet on the 3rd Monday of each month at 1:30 PM.

ANY OTHER BUSINESS

PUBLIC INPUT: None.

PRESS: Sharon Harris from the Pekin Times inquired as to whether the impound ordinance will be used as planned from another Council.

Meeting adjourned at 2:32 P.M.

Respectfully submitted
Nicole Stewart, Deputy City Clerk

NEXT REGULAR MEETING JULY 16, 2018 @ 1:30 PM.

STORM WATER PROBLEM REPAIRS TO BE PERFORMED IN-HOUSE

Priority	Location	Problem	Cause	Engineering Plans	Easements/Property Needed	Material Estimate	Equipment Estimate	Total	Notes
1	Desoto Drive	Water overtops the inlet washing silt down the road and into Lake Ariann.	The erosion in the stream has silted in the inlet several times and erosion continues to occur. Also the size of the inlet may be a factor.	Not for erosion control	Permission is needed	\$8,000	\$5,000	\$13,000	
3	End of Orchard Ave.	Ponding water on the street	There is no inlets on the Street so water is directed to a ditch running along the property. Ditch is not draining properly.	No	Permission is needed	\$2,000	\$5,000	\$7,000	
4	269 Dogwood Lane	Erosion for Storm sewer outlet	Not enough outlet protection or embankment stabilization	No	Permission is needed	\$7,000	\$1,500	\$8,500	
5	Alley off of Hecker Dr.	Ponding water goes into an old side garage of the house	Lack of grading in the alley to allow for drainage or inlets	No	No	\$6,000	\$0	\$6,000	
6	2215 Willow St	Erosion after outlet and Sink hole next to manhole	Riprap needs to be refreshed	No	Permission is needed	\$3,500	0	\$3,500	City has made repairs to the manhole
Total Estimate						\$26,500	\$11,500		
Total Estimated Cost						\$38,000			

Fall of 2018 Projects (FY 19)

Priority	Location	Problem	Cause	Easements/ Property Needed	Engineering Plans	Engineering Cost	Construction Estimate	Notes
1	18th Ditch & Street Culvert	CMP pipe is starting to erode, retaining wall failed	CMP is starting to erode due to salts and exposure and needs to be lined, channel stabilization	no	Yes (City Prepared)	\$0	\$20,000	
2	1824 Parkfield	Drainage from back yards drain through the property	This lot is lower than others and back yard ditch was modified/not maintained	Yes	Yes (City Prepared)	\$1,500	\$25,000	Have Discussed with homeowners
3	Thrush Ave	Erosion of the property exposed sewer pipe and manhole	Heavy runoff from the Mall is causing mass erosion due to the amount of runoff	Possible	Yes (City Prepared)	\$0	\$50,000	Additional erosion control to repairs from 2017
4	2101 Windsor St	No Storm sewer for roadway causing rain water to go through a property to get creek	Future subdivision planning was not completed leaving road with no inlets	Yes	Yes (City Prepared)	\$1,500	\$50,000	
5	Ironwood/Pine St	Inlet clogs limiting the detention pond discharge from Hickory Hills	Inlet for private pipe is not properly laid out, unknown if private pipe is sized properly, and illegal dumping into the Ditch	No	No	\$0	\$25,000	
Total Estimate						\$3,000	\$170,000	
Total Estimated Cost						\$173,000.00		

Spring Projects (FY 2020)

Priority	Location	Problem	Cause	Easements/Property Needed	Engineering Plans	Engineering Timeframe	Estimate Engineering Cost	Estimate	Notes
1	Broadway Farms	Erosion, failed pipes, fallen man-hole	Lack of maintenance, outlet control and channel stabilization	Acquired	Consultant	6-9 months	\$100,000.00	\$100,000	Agreement passed and \$840,000 available
2	715 Vista Grande	Flooding between homes during heavy rains	Inlet can't handle the amount of water and overtops	Yes	City with Consultant Assistance	3-6 months	\$20,000.00	\$250,000	
3	Koch Street and Enterprise	Street floods during rain	Over capacity of Darby Street Storm sewer system	Yes	City with Consultant Assistance	3-6 months	\$15,000.00	\$200,000-\$500,000	This project could be phased into two owner components. Have discussed with property owner
4	1220 El Camino	Flooding on the Roadway during Heavy rain	The storm sewer capacity is limited and unconventional drainage as it is outlet over a field	Yes	City	1-3 month	\$3,000.00	\$50,000	City recently cleaned and rip rapped the outlet but there is no definable ditch to pond
5	1809 Tharp Ave	Erosion of the property	There is an outlet that is running over ground and bend in the creek causing large erosion	Permission is needed and has been verbally agreed to	Consultant Assisted	1-2 month	\$10,000.00	\$125,000	
6	Jane Street Study	Street floods during rain	Limited capacity of the system	Yes	Yes	6-8 months	\$500,000.00	\$1,425,000	
Total Estimated Cost							\$1,980,000.00		
Total Cost							\$1,425,000.00		
Funding Available							\$840,000.00		
Total Funding needed							\$783,000.00		

Future Projects

Year	Priority	Location	Problem	Cause	Easements/Property Needed	Engineering Study	Engineering Timeframe	Estimate Engineering Cost	Estimate	Notes
Projects for 2020 (FY 2021)	1	Jane Street Repairs	Street floods during rain	Lack of capacity in the system	Yes	Yes	6-8 months		Varies	Perform the repairs
	2	Court Street near Stadium Study	Flooding on the Roadway during Heavy rain	Lack of capacity in the sewer system	Dependent	Yes	6-8 months	\$50,000.00	Varies	
	3	1300 Block of Chestnut	Flooding on the Roadway during Heavy rain	Inlet can't handle the amount of water due to rounding of water off of 14th Street	no	City	2 months		\$20,000.00	There is no inlet at corner of 14th & Chestnut so water from Bush Street comes down. Also this is the end of Storm sewer and low
	4	2413 Maywood	Erosion of the property and flooding over the curb	Unauthorized culvert installation and lack of proper drainage from the road. Channel stabilization is needed	no	City	2 months		\$20,000.00	
	5	1212/1214 Timber Lane	Flooding between homes during heavy rains	Inlet can't handle the amount of water and overtops	Dependent	Yes	3-6 months	\$10,000.00	Varies	
Projects for 2021 (FY 2022)	6	100 Block of 18th St	Street floods during rain	Lack of capacity in the storm sewer system	Dependent	Yes	3-6 months	\$15,000.00	Varies	
	7	Thrush Ave	Erosion of the property exposed sewer pipe and manhole	Heavy runoff from the Mall is causing mass erosion due to the amount of runoff	Dependent	Yes	3-6 months	\$15,000.00		
	8	13th St and Center	Flooding on the Roadway during Heavy rain	Lack of capacity in the sewer system	Yes	Completed	1-3 months	\$2,000.00	\$50,000.00	monitoring to see if Cambridge/Shire detention pond helps
Projects for 2022 (FY2023)	9	Creek along Willow	Erosion of property (multiple locations)	Not enough outlet protection or embankment stabilization	Dependent	Yes	6-8 months	\$25,000.00	Varies	Possible50/50 program
	10	1602 Memorial	Channel is eroding the yards	no channel stabilization	Dependent	Yes	6-8 months	\$25,000.00	Varies	Possible50/50 program
	11	Lake Kennedy	Trash being deposited in the lake	Trash is thrown out into streets and collected in storm water	Dependent	Yes	3-6 months	\$25,000.00	Varies	
Total Estimates								\$167,000.00	Varies	