

**A. CALL TO ORDER.**

The regular meeting of the Waverly City Council was held on August 3, 2009, at 7:00 p.m. in the Council Chambers at City Hall. Mayor Ackerman presided. Council members present: Duane Liddle, Gene Lieb, Gary Grace, Cyndi Ecker, Gary Boorum, Jim Vowels and Fred Ribich. Absent: None

1. **Approve Agenda as Printed or Add Items for Discussion Only.**

**Moved By: Grace**

That the agenda for this Council meeting as prepared is hereby approved.

**Yes: 7**

**No: 0**

**Absent: 0**

2. **Minutes.**

**Moved By: Ecker**

The July 20 and 27, 2009 Council Meeting Minutes are hereby approved.

**Moved By: Liddle**

Amend minutes to remove " Mr. Crayne stated "that it would be a tough one to recommend. It's a high capital outlay. Is there a high protections for community I say yes" under the minute portion of the July 20, 2009 Council Meeting.

And

Add under Regular Business No. 1

"It is proposed that the City Attorney" will be conducting the closing for the homes.

**Yes: 7**

**No: 0**

**Absent: 0**

3. **Guest Councilperson.**

Jason Grant was not present at the meeting due to illness.

**B. VISITORS/PUBLIC COMMENTS.**

Mardie Perry requested building repair fees for flooded homes be waived and if they have been paid already that they be reimbursed. It will be brought back to Council at their next meeting for action.

**C. TABLED ITEM.**

1. **Resolution 09-65, A Resolution of the City Council of the City of Waverly, Iowa, Authorizing the Mayor to Sign a Contract with the Iowa Northland Regional Council of Governments (INRCOG) for the Administration of the Community Development Contract with the Iowa Department of Economic Development.**

No action was taken.

**D. CONSENT AGENDA.**

1. Pay Request from Steffes Construction for the 2009 Bituminous Seal Coat Program in the amount of 124,552.81.
2. Pay Request from WHKS & Co. for the Wastewater Facility Improvements in the amount of \$7,061.76.



the river has to outlet upstream of the dam and higher water can cause the storm sewer to backup and make it difficult for the streets to drain. The 2<sup>nd</sup> Avenue NW storm sewer outlets downstream of the dam and doesn't backup. If the dam is not reconstructed Stanley recommends installing a new truck line out from both blocks to the point south of the dam. There would be a 24 inch pipe from 3<sup>rd</sup> to 2<sup>nd</sup> and a 36 inch pipe from 2<sup>nd</sup> to the River. The 3<sup>rd</sup> Ave pipe has a gate on the end and the gate can get held open and water can come back and water cannot drain if the gate is closed. If the dam is reconstructed and the upstream pool is kept low 3<sup>rd</sup> Avenue would be free to discharge. The dam reconstruction was looked at in 2000 and 2002. Levees and removal of the dam were reviewed. With the removal of the dam, the City would lose the recreation and power generation. Cost of the Obermeyer Hydro system was estimated at \$4.2 Million. The Council has not made a decision on the dam design. The Bridgestone bladder is at \$4.7 Million. The elevation for a 100 year flood event at the dam is 915 ft. The inflatable dam lowers the 100 year flood elevation by 3 1/2 feet. Mr. Garton reviewed the flood maps with Council. The inflatable dam will drop the water 2 feet with a five hundred year event. Dry Run Creek has potential to overflow during a large flood event. Stanley looked at all the culverts in the dry run creek corridor and updated the hydraulic models. There are garages that are right along the Dry Run corridor and the culverts are too small and the water backs up. Once the dry run creek fills up it does not take much to spill to the east. Even with extra retention upstream the models show significant flooding. There is so much urban area that drains directly into the Dry Run Creek quickly from the homes. Stanley looked at the farm drainage from Northwest Waverly. There is a spike in the creek immediately from the Urban area and then the rural comes in. The immediate flood of water is from the City. If the City could have some detention basins in the City then it would have a significant effect on the dry run but would require buyouts. Farm drainage is potential pollution of the ground water. Stanley suggests widening 6 culverts 36 feet wide and widen the 1st Street Bridge and lower the Dry Run channel. The City can lower the channel with a grassy area or construct a concrete channel with walls which adds to the cost but minimizes buyouts. The Dry Run Creek should be lowered from 2<sup>nd</sup> Avenue SW to 5<sup>th</sup>. Mr. Flattery stated that if some buyout homes around 5<sup>th</sup> Avenue and 6<sup>th</sup> Street NW and Irving School area become available it would be easy to add to the model to see what would happen. Companion project would be to run a new sanitary sewer line along the Dry Run Creek to eliminate the lift station on 6<sup>th</sup> Avenue NW. All the culvert replacements and the excavation and constructing a deeper concrete channel is estimated at \$6 Million. The sanitary sewer project would be \$1.8 Million. There is potential federal funding for those projects. Mr. Flattery also stated that there is a lot of historical activity going on and that is the last hurdle before receiving EDA funds. Stanley did look at SE Waverly and there is a channel where the river cuts through and what would happen if the channel became part of the river. If the bypass channel became larger it would only make a 1 to 2 inch difference and it doesn't include the roadway across. The elevation in the south area is 909 feet. Mr. Garton stated that if the Yardwaste, AMVETS and Brookwood Park Areas become detention areas it would not make a significant impact on river flooding because of the sheer volume of water flow. Dredging upstream would not impact the volume of water

over the dam but does have recreation benefits. The river drops 2 feet every mile during a 100 year flood. If a bowl is created sand will fill the bowl back up. To make a difference in river height the river would have to be dredged for miles. It's hard to predict sediment movement. Stanley is predicting the river profile at the surface is dropping 3 to 3 ½ feet but the actual drop at the river bottom by replacing the dam is more like 6 to 7 feet and the purpose is to try to keep as much depth of existing spillway as we possibly can. There will probably be a bedrock foundation under the dam and will be looked at during the design phase of the project. If the dam was constructed the trunk line on 2<sup>nd</sup> and 3<sup>rd</sup> NW would not have to be installed because the dam could be lowered. The Stanley crew did an inspection on the structural elements of the dam and looked at the depths upstream. The final recommendation is to proceed with the dam reconstruction, and the Dry Run project could be modified if the detention areas become available and install the trunk line. The objective is to remove as many homes as possible from the flood plain and continue to seek federal funding. The Green Bridge does collect debris and would impact behind the bridge. It is not an overwhelming factor and if the City should reconstruct the bridge it should be elevated for water to pass without restraint. The fencing causes collection of debris. There was concern if some kind of permanent dam was built along Kohlmann Park and if the water from the northwest would impact Southeast residents. The City is not retaining water above the dam because the water is passing as soon as it comes to the dam. There is a significant process for a map revision through FEMA and takes quite a bit of time. The ultimate goal to get the Cedar River and Dry Run areas mapped out of the flood plain. If the areas change the City could provide FEMA with new maps based on the new flood heights. Generally takes about a year. Cost savings on flood insurance for each house is about \$700 per year. A website floodsmart.gov is where a person can type in the address and it will give you quotes on flood insurance. Administrator Crayne stated that there were people affected by this flood that were out of the floodplain and did not have flood insurance. It may be appropriate to still consider flood insurance because this was a 500 year event. Lenders compel people to purchase flood insurance if the residence is in the flood plain. Mr. Garton stated that it would make sense to start with the culverts and then proceed with deepening the dry run.

5. **Resolution 09-85, A Resolution Proposing a Storm Drainage Easement Vacation for Lots 84 & 85 in Centennial Oaks Phase 3A.**

The easement was recorded with the original documents and the property owners have asked the City to vacate the easement.

**Moved By: Ecker**

Resolution 09-85, A Resolution Proposing a Storm Drainage Easement Vacation for Lots 84 & 85 in Centennial Oaks Phase 3A is hereby approved and sets August 17, 2009 at 7:00 P. M. in the Council Chambers at City Hall as the date, time and place for a public hearing.

**Yes: 7**

**No: 0**

**Absent: 0**

6. **Resolution 09-86, A Resolution Approving a Tennis Facility Agreement with Wartburg College.**

Leisure Services Director Ray informed Council that the Tennis facility agreement has lapsed for 6 years. Mr. Ray also informed Council that Wartburg College is requesting back payment for 6 years totaling \$700. The





