

**CITY OF REPUBLIC
CAPITAL IMPROVEMENTS COMMISSION
MINUTES OF REGULAR MEETING
September 16, 2004**

The regular session meeting of the Capital Improvements Committee of the City of Republic, Greene County, Missouri, was called to order by Chair Tom Cunningham at 7:00 p.m. at City Hall. In attendance were: Chairman and Alderman Tom Cunningham, Committee Member and Alderman Garry Wilson, Committee Member and Alderman Jim Huntsinger, Committee Member Bonnie Williams, and Committee Member O.K. Armstrong. Others in attendance were: Public Works Director David Brock, and Public Works Administrative Assistant Judy Kipp.

APPROVAL OF MINUTES OF PREVIOUS MEETING: Committee Member Jim Huntsinger made motion to accept the minutes from August 19, 2004 regular session meeting, the motion was seconded by Bonnie Williams. Unanimous vote to approve.

OLD BUSINESS:

1) Committee Organization

1. Adoption of By-Laws: Committee Member Huntsinger motioned to accept the revised By-Laws as presented. Ms. Williams seconded the motion. Unanimous vote by Committee to approve.

2) Water and Wastewater Capacity

- i) Water Wells and Storage: No discussion.
- ii) Water Storage: No discussion.
- iii) Sewer Lift Stations:

The existing capacity of the City's sewer lifts stations were illustrated on various graphs and charts. Actual flow through the new lift stations is using very little of their maximum capacity (chart attached).

The current adjusted capacity of the lift station that would serve the M.P.I. Development is 38%. It is anticipated that the development would put the lift station at 80% after completion of the entire development. Capacity and reserving capacity for lift stations is calculated using actual and

estimated peak flows to account for inflow and infiltration. Peak flows are estimated at four times average daily flows. There are three high service pumps and one low service pump in this lift station.

The City's Reimbursement Fee for use of the new lift station was explained, which is based on the amount of acreage in each development. M.P.I.'s development of 2,200 acres would equate to approximately \$1,515,000.00 in Reimbursement Fees.

When evaluating the sanitary sewer within the M.P.I. Development, the City needs to determine the best option to take based on the alternatives available. The staff's goal is not to lose any options available, and to look at the possibility of acreage being donated for a WWTP site. DNR has indicated support for treatment within the basin.

A graph of the City's treatment plant capacities were discussed. The plant can treat at 3.2 million gallons per day and is currently receiving an average of .87 MGD. The City also has a storm water clarifier that is used for peak flows. Storm water requires 4-5 times less treatment than the WWTP. The storm water clarifier can also be used as a "holding" tank, which means that instantaneous capacity is much higher than the graphs reflect. Hydraulic capacity is the major constraint for any expansion. Re-evaluation of the City's 20-year plan should include the addition of another clarifier and another bank of UV lights. It was recommended by Members that any Public Hearings held for the M.P.I. Development should include a presentation of any expansion plans and their costs. The M.P.I. Development would add approximately 780,000 gpd, yielding an increase of approximately 23%. The current treatment plant capacity of the City is at 20%. The combined loading would equal approximately 53% of the treatment plant's capacity for average daily flow.

Regarding the M.P.I. development, the existing Impact Fees of \$400.00 per residential unit plus estimates for commercial Impact Fees would provide approximately \$1,043,000.00 for use at the treatment plant. The total M.P.I. sewer fees would calculate to over \$2,500,000.00. A lift station might be the best alternative to start with, then after development, build a new treatment plant. Shuyler Creek lift station flows could then be re-directed to the new plant.

The question was raised as to the impact of bringing Brookline, Rankin Acres, and Alpine Village on-line for wastewater treatment. The impact of Brookline is uncertain at this time due to unknown development

potential. However, the impact of Alpine Village and Rankin Acres would be minimal, generating approximately 45,000 gpd from Alpine Village. The suggestion of a possible trunk line to serve Brookline was made. Also, the possibility of another WWTP west of the village was discussed. Anything north of Highway 60 and James River would flow to the new WWTP. A pump station would be a good start for servicing the area, then abandoning the pump station, and replacing with an expansion project when affordable.

3) Storm Water Master Plan: No discussion.

4) Water Impact Fees:

- i) Ozark is currently the only surrounding area charging water Impact Fees. A tried and true method for imposing Impact Fees has been to get voter authority. Suggestion was made that this Committee establish water Impact Fees for consideration by the Board of Aldermen, and if approved, included on the April 2005 ballot. David Brock will present a proposal for the amount of the Impact Fees at the next regular session. He will also look at current meter fees and detail the information at the next meeting. The question was raised as to whether the Impact and Meter Fees could be combined.

We currently charge \$150.00 for the Ready Read meters, which is sufficient to cover the cost of the meter, but does not recover the cost of the necessary software. The City has a 10-year replacement program established, and the 2005 Budget allows for dollars to be spent toward that end. A total of \$27,000.00 has been budgeted for 2005. An evaluation of this conversion should take place prior to spending those dollars. There are other alternatives available other than Radio Read, and at this time, meter replacement is more important.

NEW BUSINESS:

It was suggested the Committee discuss Overlay projects as a priority during next month's regular session. The Committee would like to see the proposed 2005 Budget at the next meeting in order to have a good idea of what monies are available, and to determine what suggestions to make on delegating those monies for projects.

OTHER BUSINESS:

The road design in the M.P.I. development was discussed.

Commissioner asked if any contact has been made with the school district concerning traffic issues. Staff indicated no progress has been made and Wally Shrock is currently the liaison between the City and the School District.

It was suggested that a map of vehicle accidents by location be developed in order to evaluate what public improvements might be needed. David Brock said he would try to gather the appropriate resources to do this.

ADJOURNMENT: Vice-Chairman Huntsinger motioned to adjourn the meeting, seconded by Member Armstrong. Vice-Chairman Huntsinger called for a vote with all Members voting to approve, except Chairman Cunningham who was absent at the time. The meeting was adjourned at 8:10 p.m.

ATTEST:

Capital Improvement Committee,
Secretary Bonnie Williams

Capital Improvement Committee,
Chairman Tom Cunningham

Date Minutes Approved: