

MINUTES OF THE SPECIAL MEETING OF THE SALEM CITY COUNCIL HELD IN THE COUNCIL ROOM OF CITY HALL IN SALEM SOUTH DAKOTA ON MONDAY, JULY 30, 2012 AT 6:00 P.M.

Mayor Robin Rayman called the meeting to order with Council Members George Eichacker, Laura Gessner, Ben Johnson, Ron Mayrose, Doug Mokros and Terry Forster present. Harlan Quenzer and Jeff McCormick of Schmucker, Paul, Nohr & Associates were also present.

Mayor Rayman stated the meeting was to review the 2007 Storm Sewer Collection System Study with the SPN.

Harlan Quenzer & Jeff McCormick reviewed the 2007 Study and the 1992 Study with the Council. The 2007 study was conducted to evaluate where & why the problem areas existed in the current system; the 1992 study was conducted due to the severe flooding conditions in Salem and prompted the 1994 – 1996 Storm Sewer Projects that enclosed portions of the creek and diverted water down Washington Ave. The 1992 Study did look at the option of diverting the water North of Salem, cost at the time was estimated at \$865,000.00; now, estimated at \$2 to \$2.5 million. The diversion around Salem wasn't pursued in 1992 due to land owners' disapproval at the time.

Quenzer stated that most communities size their Storm Sewer Systems for a 2 yr or 5 yr flood. The three options to improve the storm sewer system in Salem, are 1) Re-routing (diversion system around Salem; 2) more piping in the North & East side of Salem, or 3) detention ponds. Most cost effective is detention ponds.

Discussion was held on the placement of detention ponds North & East of Salem. Detention ponds are sized based on the volume of storm water runoff that is required to be stored. As the design rainfall generates runoff, the storm sewer may not be able to carry the increasing intensity of the flow. Therefore, a portion of the intense runoff volume is stored until the intensity of runoff is reduced to a level that is below the capacity of the storm sewer.

After further discussion, the Council requested sizing and cost estimates on three detention pond areas: 1) North of Richard Ave; 2) east of the baseball/softball field area; and 3) east of Golden Living.

Motion Forster, second Johnson, carried, to adjourn.

Dated this 30th day of July 2012, at Salem, South Dakota.

Robin Rayman
Mayor

ATTEST:

Lori Heumiller
Finance Officer

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