

December 17, 2014

A meeting of the Log House Landing Improvement Committee was held on the above date. The following were present: Christine Maefsky, Sally Swanson, Pam Plowman-Smith, Ray Burris, Steve Philippi, Kristin Tuenge, Dave Hebert, Steve Kronmiller and Don Hansen. City staff included Ryan Goodman and Tim Kieffer. Washington County staff included Wayne Sandberg, Andrew Giesen, and Cory Slagle.

Maefsky called the meeting to order at 7:03 p.m.

Kronmiller, seconded by Tuenge, made a motion to approve the minutes. Motion carried 7-0. Swanson and Plowman-Smith were absent.

Sandberg reviewed the schedule and lists of current needs and future concerns.

Sandberg presented an overview of design elements which included:

- Drainage – directs storm runoff off road surface.
- Ditches – an engineered product (hydraulic capacity).
- Grade and Crown – out sloped, in sloped, or crowned.
- Curbs – takes the place of ditches (reduces footprint).
- Culverts – pipe transferring water under the road.
- Catch Basins and Storm Sewers – used with curb to take the place of culverts.
- Road Surfaces – dirt, gravel, double chip seal, bituminous, and concrete.

Sandberg talked about pros and cons of gravel and bituminous roads. A case study of a gravel road in South Dakota was reviewed.

A 30 year life cycle was presented for gravel and paved roads. A 20 foot gravel road was estimated at \$310,000 and a paved road at \$284,000.

Winter maintenance between gravel and paved roads was explained.

Porous pavement was explored but is not recommended because of natural debris clogging the pavement.

Giesen presented eleven road designs. The Committee was asked to narrow them to 3 to 5 typical sections. The Committee chose three designs. First, a 13 foot gravel road sloped to the north. Second, a 13 foot gravel road sloped to the north with a ditch. Third, a 13 foot paved road sloped to the south with curb.

Hebert, seconded by Hansen, made a motion to adjourn. Motion carried 9-0.

The meeting ended at 9:25 p.m.

Respectfully submitted,

Tim Kieffer  
Director of Public Works