

RCPP Watershed Planning - Shortfoot Creek – Project Team Meeting #4 Notes
1/31/2017

The meeting began with a welcome and with introductions. Pat Downs and Josh Hassell from Moore Engineering, Inc. facilitated the meeting. A list of the attendees is attached to these notes.

Today's plan is to review alternatives outlined from meeting #3 and review purpose and need language. Handouts were received with the purpose and need once again stated. At this time there have been no comments from NRCS.

Several notes supporting the "Need" were reviewed and the goals which have been adopted include: 1) Reduce agricultural damages; 2) Reduce damages to personal property; 3) Reduce damages to public infrastructure and transportation systems; 4) Maintain or enhance natural resources; 5) Consider bacterial and sediment reductions and 6) Consider upstream and downstream impacts.

Several maps were reviewed with data from inundation, impoundment alternatives, modeling reporting points, national wetland inventory, channelization methodology and diversion alternative. The most viable options to meet the Purpose and Need for action and also meet the watershed goals and objectives are: 1) Reduce flood volume; 2) Increase conveyance capacity; 3) Increase Temporary Flood Storage; and 4) Protection/Avoidance.

Alternatives have been scored and ranked. **Primary:** Dams and Impoundments; Alter ground water tile; Channelization/Floodways; Cropland Best Management Practices; **Secondary:** Diversions & Drainage; Setback levees (use natural floodplain); Restore/Create wetlands, Cropland converted to grass/forest, other beneficial uses – irrigation, etc. and Increase road crossing capacity – ag levees.

At this time there is no design and preliminary cost estimates. Land ownership has not been considered and sites on the maps are preliminary and modifications/optimization can occur.

Each attendee received a packet with impoundment alternatives for twenty different sites including maps for each site. Josh explained how to read the data on each map. Each team member was asked to review the alternatives and rank/narrow down the sites for discussion at the next meeting.

The next meeting is tentatively targeted for March 13, 2017.