



APPENDIX A

Upper Joachim Creek Floodplain Management Plan Public Involvement (Results of Early Public Engagement) 27 June 2018

Public Involvement Summary: The planning process includes opportunities for the public to be involved with the plan during its development and prior to its finalization. One public meeting (workshop) was held on February 28, 2018 at the De Soto Community Center to inform the public of the purpose, schedule and structure of the planning effort, and to seek public input via public comment forms and map commenting. Below is a summary of the early public engagement activities. The schedule also calls for more public engagement later in the process to inform the public on results of the draft Floodplain Management Plan.

Public Workshop Attendees:

Workshop Location	Public	Partners	Congressional	Media	Total
DeSoto	47	13	3	4	67

of public comments received: 29

Feedback by question:

Question 1: Optional to provide name and address.

Question 2: Are you concerned about past or potential future flooding at this address location?

Yes	No	Did not respond
24	5	0

Question 3: If you answered yes to question 2, what type of structure is located at the address location provided?

Type of Structure	Number of Structures
Home	19*
Business	2*
School	0
Church	0
Industrial	0
Public Facility	1
Other (farmland)	1
All of the above	1

**Note: 1 identified home and business at the address; recorded in Home category*

Question 4: If you answered yes to question 2, what type of building foundation does this structure have?

Building Foundation	Number of Foundations
Slab-on-grade	3
Crawl Space	9*
Basement	10**
I do not know	0
All of the above	1
Other (concrete foundation/cement)	1

* Note: 1 identified Basement and Crawlspace; recorded in Basement category

** Note: 1 identified Slab and Basement; recorded in Basement category

Question 5: If you answered yes to question 2, what was the estimated flood depth on the structure during the worst case flood?

Estimated Flood Depth	Number of Structures
<3 feet	7
3-6 feet	4
>6 feet	4
Not Applicable	7
All of the Above	1
No Answer	1

Question 6: Select the tool(s) that you are most interested in to reduce flood risk in the planning area (multiple tools may be selected and write-ins were accepted).

Tool(s)	Number of times selected
Relocation of a Building	5
Fill Basement with Main Floor Addition	2
Elevating the Building	5
Dry Flood Proofing	3
Wet Flood Proofing	3
Flood Warning	7
Berm Around Building ("Field" Added)	4
Floodwall Around Building	4
Buyout of Property	17
Stop Prohibiting Natural Run-off/Retention Areas	2
Better Flood Maps	1
Correcting Creek Channel Direction to Natural Flow	1
Enforced Floodplain Regulation	4
Weir Dams	1
Did Not Answer	3

Question 7: Do you have any other ideas (besides those listed in question 6) to reduce flood risk in the planning area?

- People in power have not addressed the issue of water retention measures proposed to them for 20 years
- Retention/detention upstream of De Soto (with attached rationale)
- De Soto needs to look west; no water retention measures or they are inadequate
- I have a valley I would like to build a 3-purpose lake on (attached description)
- Add a dam on my property to control flooding
- Clearing vegetation in the creek to correct flows; state/local government insists they cannot clear channel because of state/federal regulations; Kingston St. Bridge and elevation of Highway E has created a chokepoint in the natural flow.
- Once the creek is fixed to not flood, do routine cleaning or dredging.
- Keep waterways dredged out
- Have the National Guard in Festus dredge the creek (quickest and cheapest way)
- Dredge the creek and remove islands; open wall on top of the bridge so water can go over
- Stop development that does not account for runoff; stop upstream levies and taking of wetlands and flood basins
- Buyout and use property for community area or use with their facility
- Creek needs to be dredged and kept clean; the rock and gravel removed can be used for other projects
- Clean out the creek; return Highway E to original height at the Kingston Bridge; reduce/limit building; railroad berm will increase flooding
- Completely clean out creek and make deeper
- Clean and clear creek/remove gravel
- Clean Joachim Creek
- My idea is to buyout some homes to make an area for flood water to expand safely allowing other areas to reduce flood risk.
- Require flood impact study for any commercial building or subdivision in the watershed before it is built

Question 8: Would you support stricter regulatory standards in the floodplain to achieve a higher level of safety and flood risk reduction?

Yes	No	I do not know	Did not respond
18	2	6*	3**

** Note: Additional Comment: Regulations may have caused the problems*

*** Note: Additional comment: Depends on what the standards are; too late to do this with the Railroad*

Question 9: If you answered yes to question 8, please select the regulatory standard(s) that you may support (multiple regulations may be selected).

Regulatory Standard	Number of times supported
Prohibit new development	10
Zoning the floodplain for low-density uses	6
Adopting a standard that new construction allows less than a one-foot rise in floodway	3
Freeboard requirements	4
Compensatory storage	3
Protection of critical facilities	5
Off channel setbacks	6
Watershed-specific storm water management regulations	14

Question 10: Would you support preservation of natural areas in the floodplain?

Yes	No	I do not know	Did not respond
19	1	8	1

Question 11: If you answered yes to question 10, identify all of those natural area services or values that mean most to you (multiple services/values may be selected).

Natural area services or values that mean the most	Number of times selected
Contain unique or scenic natural resources	13
Accessible to Neighborhoods	11
Connected to Tourist Areas or other Parks	13
Connectivity to existing and planned trail systems	11

** Note: One "yes" did not respond*

*** Note: Comment: This is a beautiful community. Connecting us to parks and trails would be lovely*

Question 12: Do you have any other comments or questions you would like the floodplain management plan to answer?*

- National Guard dredging is a good first step; biologists can relocate endangered species until finished with project
- Does the Corps have plans for flooding on the Lower Joachim?
- We appreciate any help and possible solutions to save our home and life
- Walther Park needs to be maintained and preserved. It was a beautiful, clean park used by many families for a variety of events, picnics, family reunions, weddings, bridal/baby showers, graduation parties, volleyball and wiffle ball, etc. Kids used to love wading in the creek. Lots of fun family memories were made and it needs to be restored and kept clean and maintained. Please think people before politics and regulations.
- Why is it flooding now and it hasn't for 50 plus years?

- All those solutions seem long-term where action is needed now; seems to me an emergency mining permit for a 1-time dredging/clearing of the streambed would satisfy the immediate needs.
- Check on the new soccer park- on how much elevation was done behind AMVETS and Vineland Road and all the fill gravel going into the Tanyard Branch
- I own property downstream of De Soto and would not want to see property damage due to upstream channelization increasing stream velocity.
- Where are the regulations? Right now, a small home is being built close to the creek in a flood zone? (It's on Hwy V) Also, there is nothing to stop the huge amount of water coming off the streets in De Soto during a hard rain and going directly to the creek? What about the bridge debacle and berm put in at the Railroad?
- I am a disabled lady and I just lost my husband. It gets very scary when the water starts rising. We really need help. I love where I live-if we could just get the flooding to stop. I really appreciate anything that you can do.
- If a way to restore the creek channel to its free-flowing state cannot be found, I believe a buyout of affected properties is the 2nd best solution.
- By correcting the direction of the creek, it will slow its speed and leave the banks on the side where the houses are undisturbed. Will DNR help correct this to benefit these houses?
- East side from the train shops to Walther Park could be turned into recreational area similar to Naperville, IL "River Walk" area
- With the farm I have areas that have no water for cattle and we have to build temporary fences to allow them to water out of Joachim Creek. It tears up the bank and is a lot of work. Build a lake in the valley to 1. Have an automatic waterer at its base, 2. Provide some recreational use for our family and friends, 3. have ability to grow in size during heavy rains to provide storm water retention for downstream areas.
- None of the above will stop the creek-would be wasted money-only two or maybe three ways to control the flow: 1. Clean and dredge back to 3ft (waist high), 2. An opening in the bridge to allow water to go over the bridge instead of the dam you have made sending it back to us, 3. Allow the water to go into Hopson's field as it did before the bridge was built-spreading it out.
- Back about 20 years ago, I went to the City Council and stressed the need for water retention...I was told that the City wants the water to get to the stream as fast as possible and they didn't see how water retention would help. I do not want to see them dredge the stream like everyone wants. The stream is alive. We need trees in the stream and bank to disrupt some of the power of the water when it gets high. Don't let anyone dredge!**

Responses Continued on Page 6...

- We are tired of the flooding. This has been going on for 5 long years. The City of De Soto and Jeff County have ignored our pleas for help. Also, flood insurance is nice but I'd rather no flood each year.
- Too many floods – creek should be cleaned out. This should stop or slow down floods.

** Note: One separate letter without a comment form attached. The subject of this letter was regarding the construction associated with Highway V and how the drainage through culverts under the highway could have added to speed at which water drains to Joachim Creek. He called this “over-pouring” whereby water is being over-poured into the Creek faster than it can drain away causing the flooding.*

*** Note: Response has been generalized to remove names and specific political references*