Bank Protection Working Group
Update on the TAC Elicitation Process

December 19, 2017
BPWG TAC Goals

Refresher…..The basic goals of the TAC are to:

- Make sure that what is delivered to the BPWG is well thought out, defensible, and repeatable from a technical perspective
- Make sure that erosion risk criteria, analysis, and results will support agency decision making, including that of the USACE (e.g., risk based approach)
BPWG TAC Progress

- The TAC has held 4 half day meetings and a 2-day Elicitation
  - Elicitation is a Semi-quantitative risk assessment
  - Relies on expert opinion where you don’t have data or modeling results to answer all questions.
  - A process utilized by the USACE
  - Focuses on the risk that erosion poses to public safety – e.g., a levee breach.
TAC Elicitation

- TAC is presented with a “packet” of available background information, presented and discussed.
- TAC then fills out a “ballot”, responding to specific questions about a segment:
  - Likelihood to erode
  - Likely extent of erosion
  - Potential for successful flood fighting to stop erosion
  - Ultimate outcome (e.g., does the levee breach?)
- “Votes” are numeric probabilities – 0 if there is no chance, 1 if it is certain to happen (or anything in-between, 0.3, 0.5, 0.9)
TAC Elicitation

- There are two rounds of voting.
- After the first round of voting, the scores are discussed and the high vote and low vote explain their rationale.
- Any additional points are made as the TAC shares their opinions and technical insights.
- The second round of voting is completed and that is the final score for a segment.
- The TAC moves on to the next segment and the process is repeated.
TAC Elicitation

- David Ford facilitated the elicitation, and his firm will tabulate the results.
- Results will indicate TAC’s opinion of:
  - Level of risk for each segment
  - Prioritization among segments
- Results will be presented in a report, to be shared with the TAC and BPWG
BPWG Next Steps

- The BPWG will consider that information, with particular relevance to public safety, and then work on putting the results in perspective with the threat to Parkway resources.
- This will lead to BPWG deliberations on the need for protection at specific segments, and then provide input on design solutions where deemed necessary.
BPWG Next Steps

- The first effort and elicitation focused on Paradise Bend to Howe Avenue.
- TAC will next move on to Howe to Watt reach, and then the remaining leveed reaches.
- BPWG needs to discuss process for addressing resulting information.
Questions?
Parkway Resource Protection Brainstorming

- Initiating the discussion about Parkway Resource Protection
- Elicitation will provide relative ranking of segments based on review of technical data and expert opinion – focused on public safety
- BPWG planning group will suggest a process for incorporating resource protection into our evaluation
Parkway Resource Protection Brainstorming

- A first step is brainstorming ideas about protection of resources from erosion
  - Types of resources at risk from erosion?
  - Types of resources impacted by erosion protection?
  - Types of resources conserved by erosion protection projects?