Poor Farm Ditch

Alan Black, P.E.
Director of Operations
Harris County Flood Control District
Poor Farm Ditch

AGENDA

- Brief History
- Cross Section
- Next Steps
Poor Farm Ditch

HCFCD Investment

- $2.3M study and design
- $348K maintenance since 2000
- $17M estimated cost to construct
Poor Farm Ditch

Past Study Efforts

– 2004 PFKRS Regional Study
  • 30 person technical stakeholder group including citizens of SSP and WUP
– 2009 Geotechnical Investigations
– 2012-2014 Alternate Cross-Sections
  • Repair existing
  • Open channel (trapezoidal, open box)
  • Enclosed box culverts
Recent Work

- 2015 Design Process Begins
  - Factors considered: hydraulic capacity, project cost, design life, maintenance, construction duration and impacts
- 2017 50% Design - Finalized Cross Section (September)
- Hurricane Harvey (August – September, 2017)
- 2017 80% Design (December)
- 2018 Prepared Federal Funding Application (Q3)
- 2018 90% Design (October)
Poor Farm Ditch

Where we are today?

- HCFCD has provided design documents
- SSP has reviewed and provided comments
- We are working through comments
- We are continuing negotiations for an interlocal agreement
- We are pursuing a federal grant to fund construction
Poor Farm Ditch

CHANNEL CROSS-SECTION (TYP)
NOT TO SCALE
Items to finalize with SSP and directly affected residents

- Area needed for construction
- Securing ditch to prevent recreational use
- Yard drainage for specific households only
Poor Farm Ditch

Next Steps

– Continue conversations with SSP and WUP on project details
– SSP and HCFCD to brief residents directly affected by construction
– Finalize project term sheet for Interlocal Agreement
– Monitor HMGP grant application
Poor Farm Ditch

Upcoming Communications and Outreach

– June/July – Conduct stakeholder meetings with City staff and directly affected residents

– August – Conduct a Bond Program Community Engagement Meeting for the Public (Open House Format)
Poor Farm Ditch

Questions?