Alan Black, P.E.

Director of Operations

Harris County Flood Control District



AGENDA

- Brief History
- Cross Section
- Next Steps



HCFCD Investment

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



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

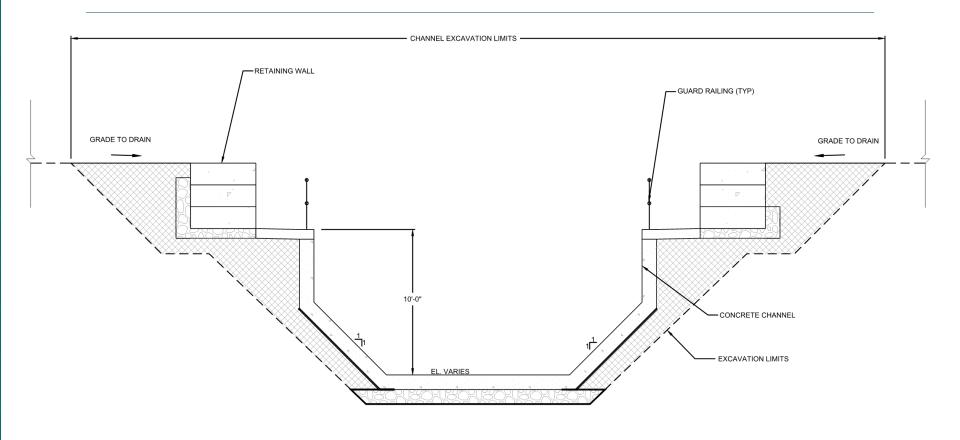
- 2015 Design Process Begins
 - Factors considered: hydraulic capacity, project cost, design life, maintenance, construction duration and impacts
- 2017 50% Design Finalized Cross Section (September)
- Hurricane Harvey (August September, 2017)
- 2017 80% Design (December)
- 2018 Prepared Federal Funding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



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





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



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



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)



Questions?

