King County Flood Control District Advisory Committee

August 5, 2013
Renton Community Center
PRELIMINARY DRAFT Financial Plan

- Revenues
  - Flood District Levy
  - Grants – State funding of $4.1M for Cedar River!

- Expenditures
  - District Administration
  - Operating Programs
  - Capital

- Fund Balance Requirements
Flood District Work Program

- Flood Preparedness, Regional Flood Warning Center, and Post Flood Recovery
- Planning, Grants, Mitigation, and Public Outreach
- Flood Hazard Assessments, Mapping, and Technical Studies
- Resource Management, Annual Maintenance, and Facility Monitoring

Key Changes for 2014:

- Reduced cost for Sammamish Transition Zone Maintenance
- Reduced cost for fuel at Black River Pump Station
- Reduced training costs

Overall:

- $9.59M Draft Total Budget
- $476K or 4.7% less than 2013
Capital Program Guiding Principles

- Follow through on commitments to high priority public safety projects
- Adjust timing based on readiness, landowner willingness, etc
- Adjust based on key design milestones if necessary
- New Corridor Plan Implementation projects
- Expenditure rate: 45% increasing to 65%
- $7.5 million fund balance for insurance
Belmondo Revetment, Cedar River

Project History & Planned Project

2010 Revetment Repair
- 150 lf vegetated geogrid, ELJ

2012 Revetment Enhancement
- 100 lf rock toe, vegetated geogrid

2013 Revetment Enhancement
- 270 lf vegetated geogrid, 2 ELJS, boulder clusters, bank trees
Cedar River Gravel Removal

February 1996
Flood peak 7520 cfs in Renton

January 2009
Flood peak 9470 cfs in Renton

Dredging channel to maintain capacity
Sinerra Qualle Upper

- Rapidly eroding bank
- Protects SR 203, Snoqualmie Valley Trail
- 2014 or 2015 construction
- Possible partnership with WSDOT

**Project Benefits:** Provide erosion protection for SR 203, regional fiber optic trunk line, and Snoqualmie Valley Regional Trail
Winkelman
(Tolt Pipeline Protection)

- Rapidly eroding bank
- Protects SPU Tolt water supply pipeline
- 2015 construction

Project Benefit: Provides erosion protection for the Tolt River water supply pipeline, which carries 30% of potable water supply to north-end communities supplied by Seattle
White River: Countyline and Right Bank

- Proposed KCFCD capital projects are levee setbacks to provide increased flood capacity
- Two large-scale projects are proposed to be installed between A-Street and 8th Street bridges
  - Countyline Levee Setback
  - Right Bank (Pacific) Levee Setback
Black River Pump Station Improvements
Reddington Levee Setback

- **Project Benefits:** Protect 596 residential and commercial properties with assessed value of $680 million, designed for 0.2% annual flood (500-year)
- $1 million state grant (terms require construction in 2013)
Horseshoe Bend Levee Rehabilitation

- Provide integrated system of stable levees to protect Kent, Renton and regionally significant land uses
- Design and construction depend on outcome of SWIF and USACE Regional Solutions Team
  - Deficiencies include steep slopes, vegetation, encroachments
Horseshoe Bend West – Breda/McCoy Segment

2009 Corps Repairs shown in **YELLOW**
Area of interest shown in **RED**
Upper Russell Road Levee

Problem:
- Levee is too steep, structurally inadequate, and subject to chronic, ongoing, and repeated slope undercutting and slumping failures.
- Flood impacts extend north through densely developed and populated commercial and residential areas of Kent and Renton

Proposed Solution:
- Acquire needed right-of-way (no structures) and relocate Russell Road/James St intersection so levee can be set back to a stable geometry
- Possible SWIF “Early Action”? 
Discussion

- Do you support the 2014 operating budget and work program?

- Do you support the 2014 capital budget and the 2014-2019 capital program?

- What comments would you like to share with the Board of Supervisors as they consider the 2014 budget and work program?
Flood Preparedness Information

King County Flood Services
www.kingcounty.gov/flood

- King County Flood Alerts
- King County flood gage and phase information
- Sandbag distribution information

King County Flood Control District
www.kingcountyfloodcontrol.org