Floodplain Management Plan 2020 Update

Kelli Sertich, AICP, CFM – Policy, Planning & Coordination Branch Manager, *FCDMC*

Mark Fountain, PE, CFM – *Black & Veatch*

October 24, 2019

Agenda

- Introduction
  - Overview of Meeting 1
  - Staff Presentations
- Flood Hazard Identification
- - Break
- Impacts of Hazards During Storms
- Discussion
- Next Steps

Introduction

- Around the Room
  - FMP Committee Alternates
  - Other Participants / Guests

Safety Moment

TEXTING AND DRIVING

- **Holidays / AZ winter - more drivers on road**
- **Trifecta of distractions**
  - Visual, manual & cognitive
- **Statistics**
  - In 5 sec @ 55 mph travel length of football field
  - 1 in 4 2015 accidents involved a cell phone
  - 9 people are killed / day
  - 1,000+ injured / day
  - Similar impairment to driving intoxicated
- **Illegal in some AZ cities**
- **Prevention**
  - Take it seriously
  - Set a good example
  - Put phone on Do Not Disturb
  - Use hands free mode

Overview of FMP Meeting 1

- Participant Introductions
- Overview of NFIP and Changes
- Overview of Featured District Programs
- Hazards Identified in the 2015 Plan
- Status of 2015 Goals & Action Plan
- Where We Want to Be – 2020 Plan
- Next Steps

Flood Control Financial Status

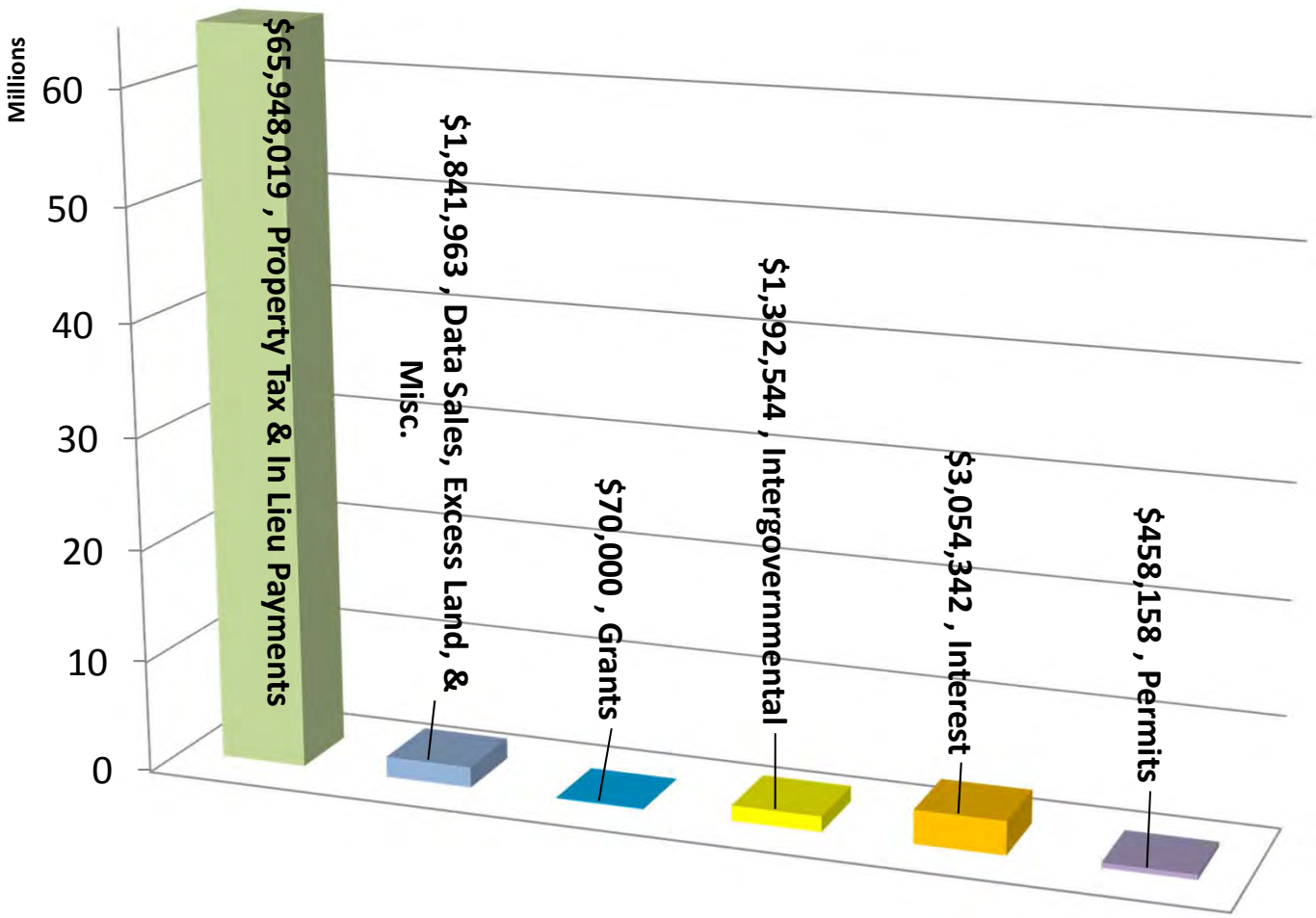
Karen Scott

Finance Manager

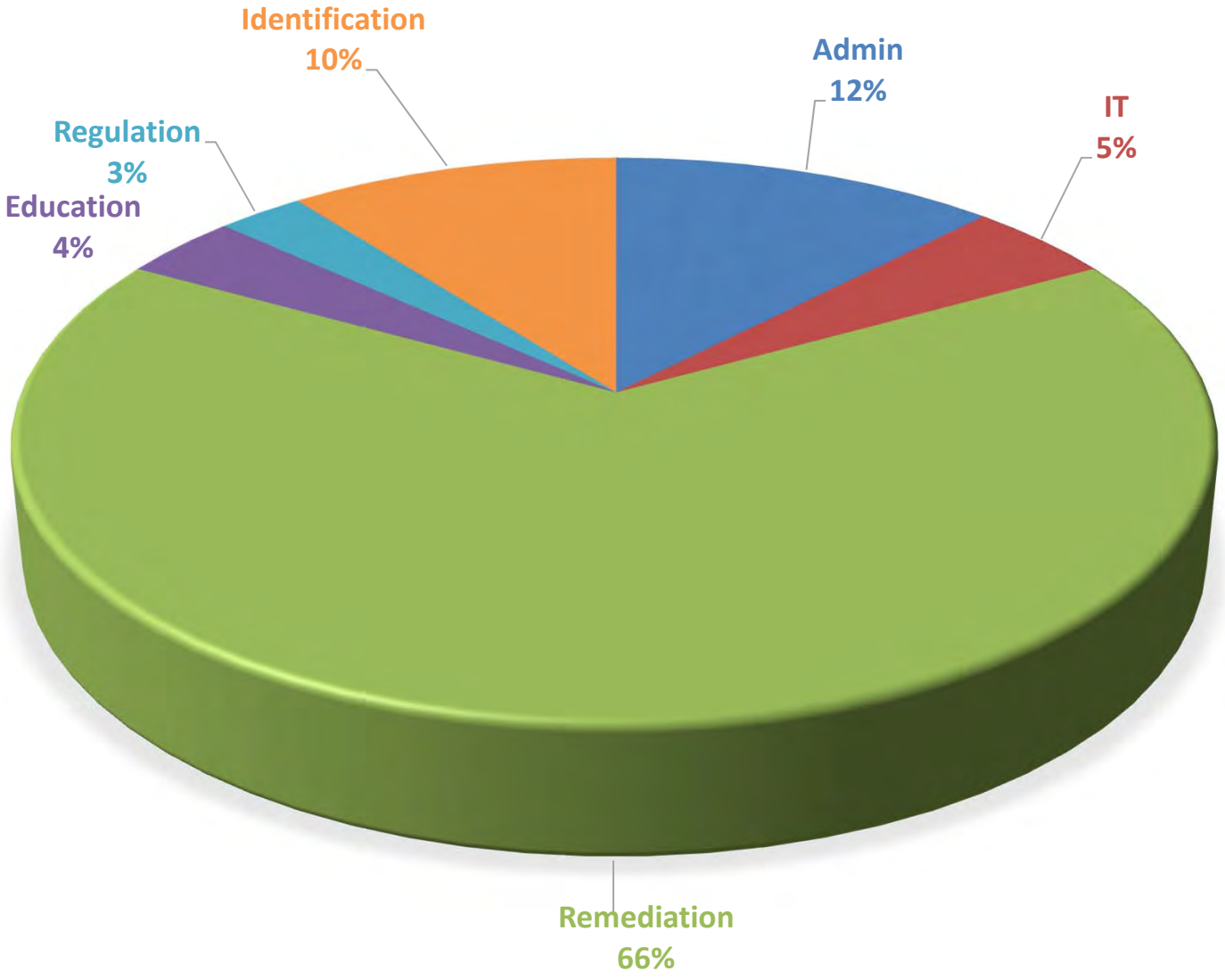
District Funding

- Tax Revenue
- Intergovernmental Agreements
- Interest
- Permits
- Miscellaneous

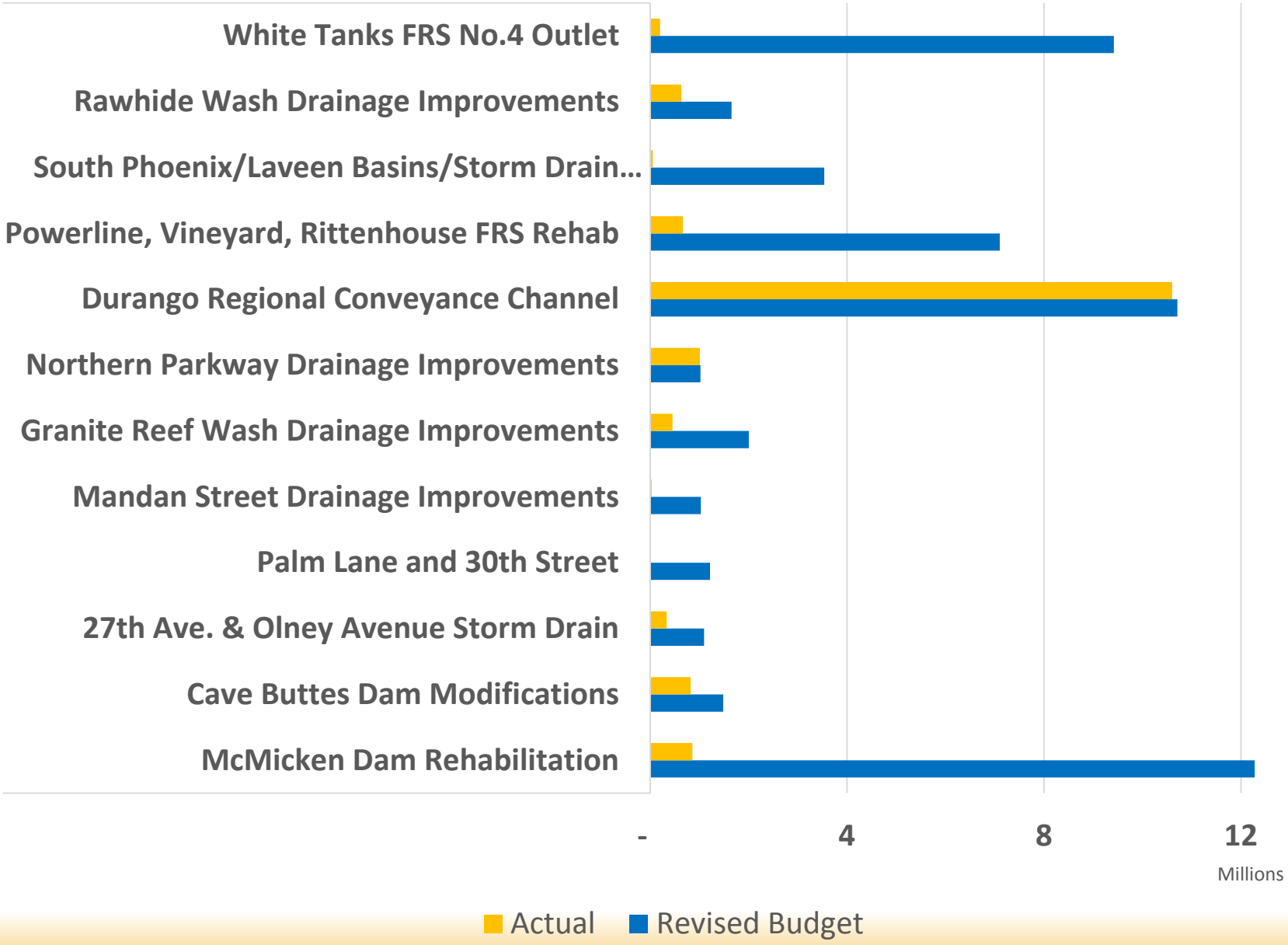
FY19 Actual Revenue $72,765,027

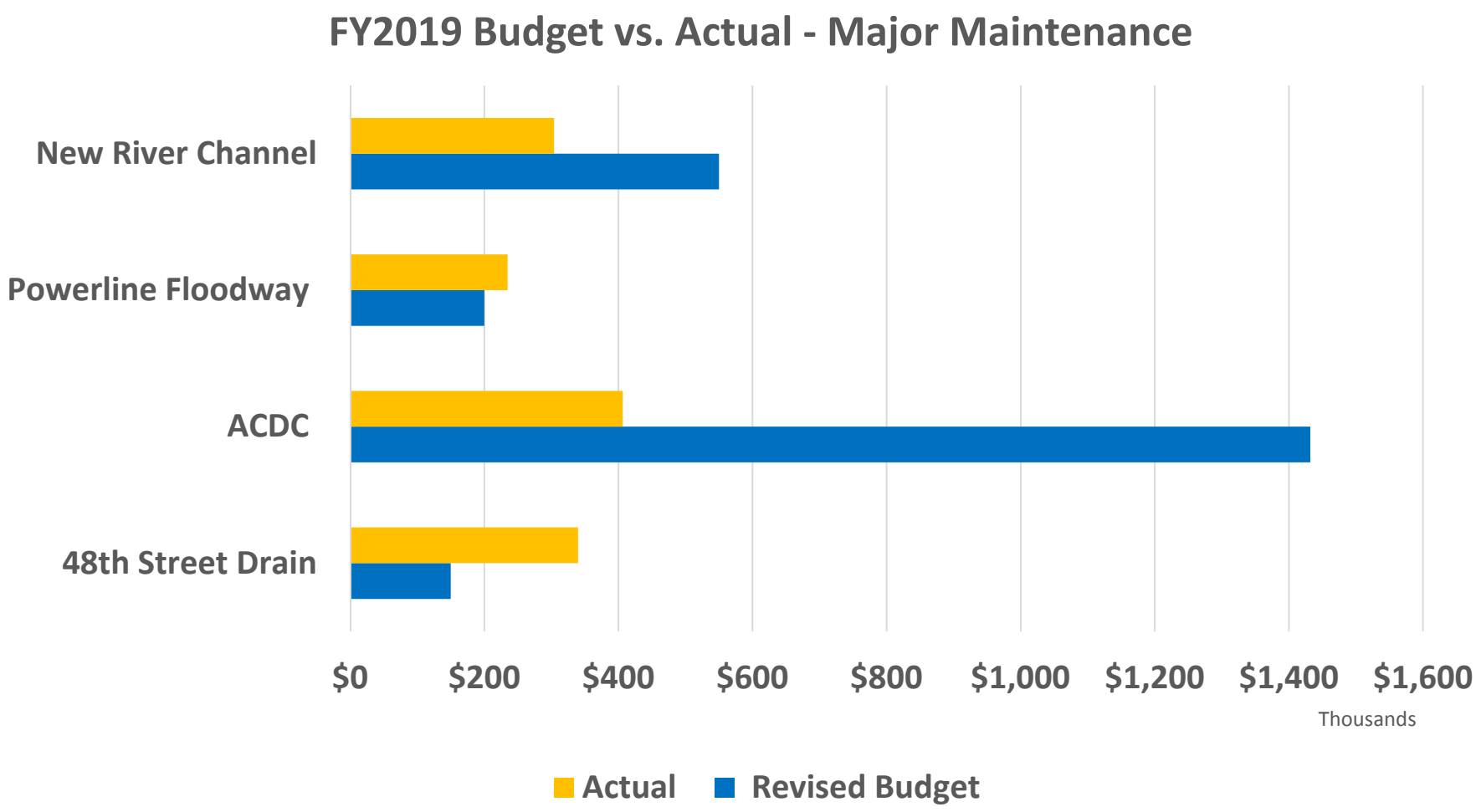


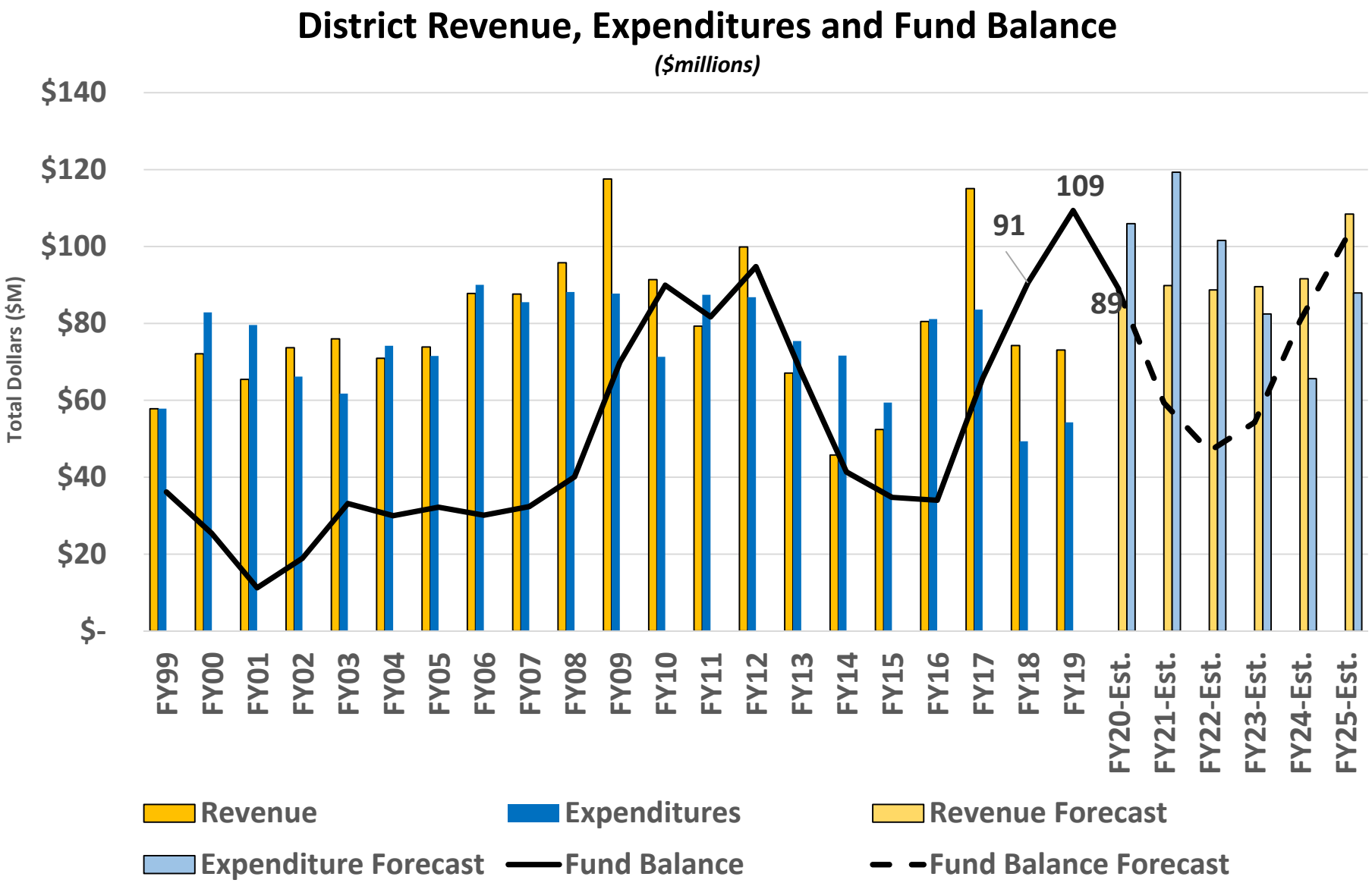
EXPENDITURES FY2019 - $52,827,151 - 54% OF BUDGET EXPENDED



FY2019 Budget to Actual - Key CIP Projects




FY2019 Budget vs. Actual - Major Maintenance
New River Channel
Powerline Floodway
ACDC
48th Street Drain
$0
$200
$400
$600
$800
$1,000
$1,200
$1,400
$1,600
Thousands
Actual
Revised Budget


District Revenue, Expenditures and Fund Balance
($millions)
Total Dollars ($M)
$140
$120
$100
$80
$60
$40
$20
$-
91
109
89
FY99
FY00
FY01
FY02
FY03
FY04
FY05
FY06
FY07
FY08
FY09
FY10
FY11
FY12
FY13
FY14
FY15
FY16
FY17
FY18
FY19
FY20-Est.
FY21-Est.
FY22-Est.
FY23-Est.
FY24-Est.
FY25-Est.
Revenue
Expenditures
Revenue Forecast
Expenditure Forecast
Fund Balance
Fund Balance Forecast

FY2019 vs. FY2020 Budget Comparison

Revenue Source	FY2019 Revised Budget	FY2020 Revised	Net Change
Property Tax/In Lieu of	65,135,032	70,462,523	$5,327,491
Grants	70,000	70,000	$0
Intergovernmental	6,300,000	3,345,000	($2,955,000)
Licenses & Permits	255,000	310,000	$55,000
Miscellaneous	284,900	339,106	$54,206
Interest	275,000	275,000	$0
Total	$72,319,932	$74,801,629	$2,481,697

Fund	FY2019 Revised Expenditures	FY2020 Revised Expenditures	Net Change
Operating	32,256,988	38,034,351	$5,777,363
One Time	1,417,121	2,402,532	$985,411
Grant	70,000	70,000	$0
Capital Improvement Projects	55,000,000	80,691,177	$25,691,177
Major Maintenance	2,390,000	4,611,852	$2,221,852
Total	$91,134,109	$125,809,912	$34,675,803

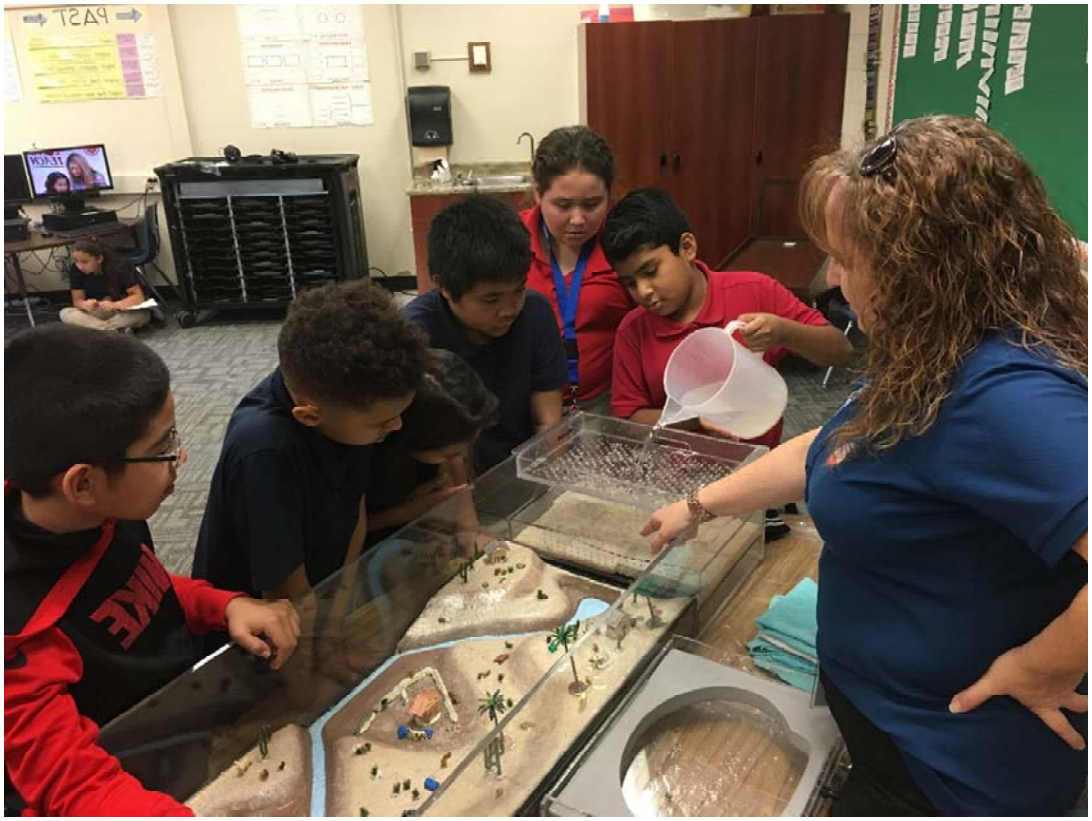
Questions?

Communications and Public Outreach

Lisa Blyler

Information, Outreach and Support Division Manager

Mitigating flood risk through education



What do we do?

- ***Art***, not necessarily science
  - Concise, timely, accurate and consumable information to the right people in the right place at the right time
- Interface between the District and the public
- Multiple ways of communicating
  - Changes by audience
  - Match message to method
- STEM program
- Emergency communications

STEM Curriculum

- Lessons aligned to Arizona Science Standards
- Inquiry-based, hands-on lessons
  - Meteorology, emergency planning and engineering
- Children are great messengers

Emergency communications

- Keep community engaged and informed
- Message coordination
  - Maricopa County Department of Emergency Management
  - Internal District staff
  - Media
- Social Media

We see things a little differently

- Convey complex, technical information to wide audience
- Every communication is an opportunity
  - Educate
  - Inform
  - Effect behavior
- Creative content to reach community in new ways

Right people, right place, right time…

- One size does not fit all
  - Public expectations have changed
- Not only new construction projects
  - Maintenance activities
  - Drone flights
  - Proactive educational efforts
- Partnerships with other agencies

Follow us…

@fcdmc59

@floodcontrolmc

@fcdmc59

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QUESTIONS

Flood Hazard Identification

- Review Maps of 8 FMP Watersheds
- Participants Define “Flood Threat”
- Group Discussion of Flood Hazards

Break – 10 Minutes

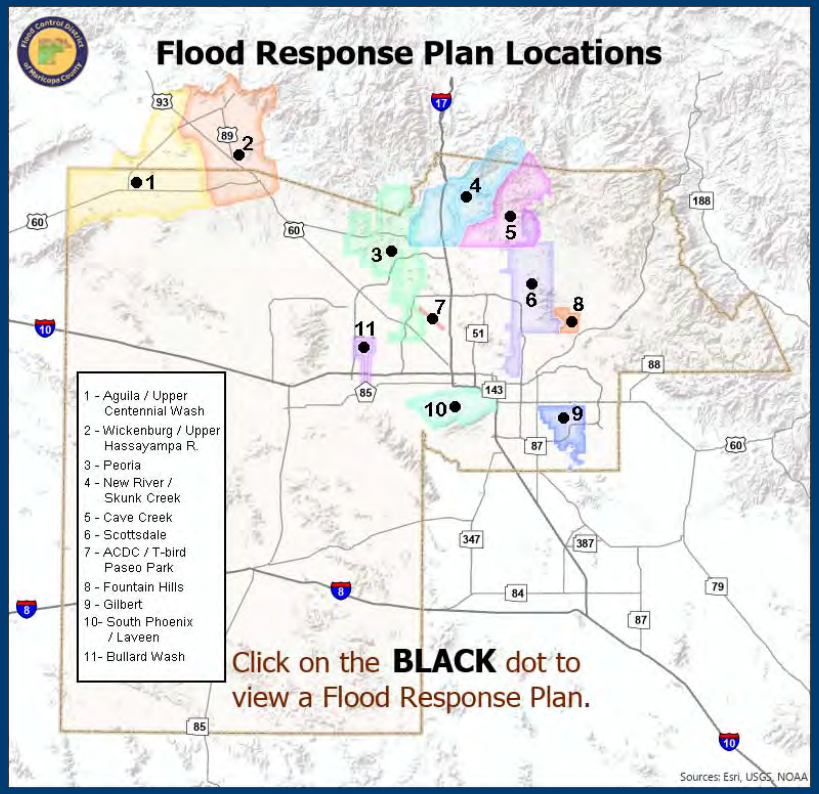
Impacts of Hazards During Storms

- Goal – Assessing the Problems

- Breakout Exercise – Watershed Focused
- Map and Worksheets to record flooding problems
- Group Report Out

Discussion

- Review of Flood Threat Definitions Recorded
- Review of Flooding Hazards & Problems
- Contrast of 2015-2020 Hazards
- Define 5-Year Actions for Watersheds



Next Steps

- Public meeting, November 4, 2019
  - Will be held at FCDMC
- FMP Committee Meeting #3 – Set Goals
  - November 14, 2019
- FMP Committee Meeting #4 – Review Activities
  - December 5, 2019

  - Your participation is requested to ensure FMP success