

WAPA 10-Year Capital Plan

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WAPA-wide Capital Plan overview

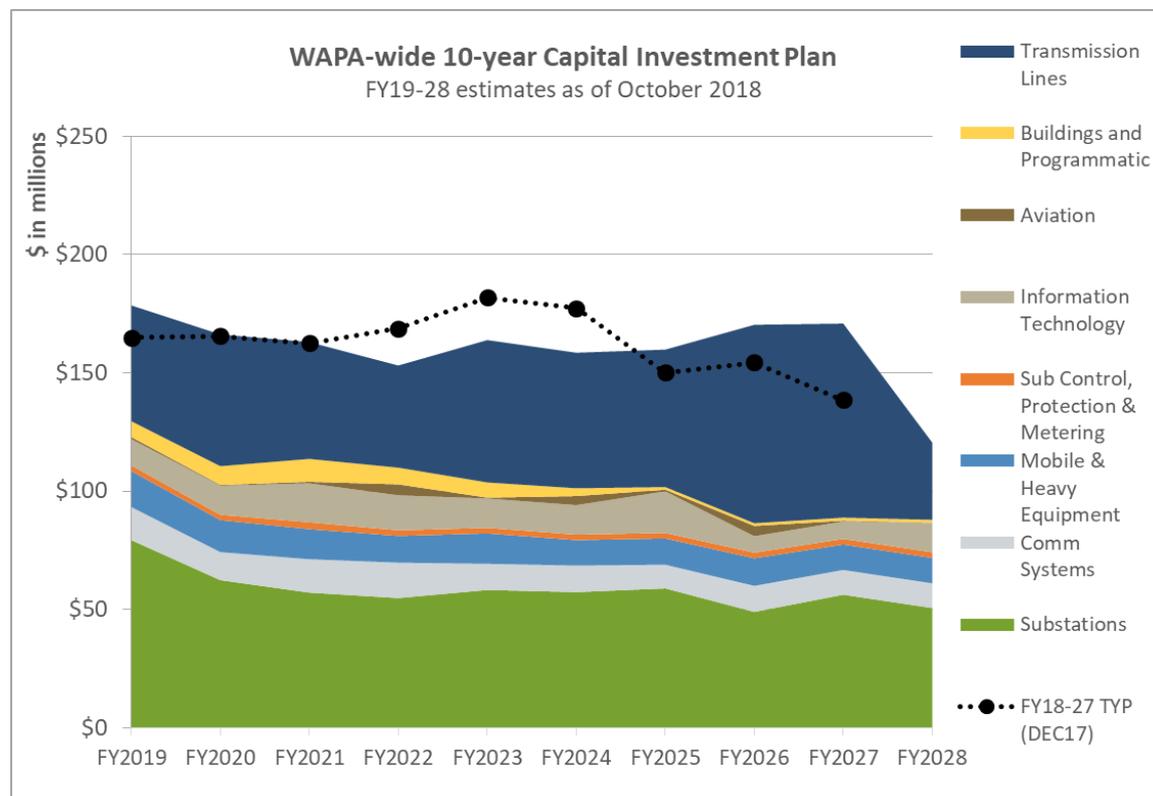
Fiscal Years 19–28

- Invest \$1.6B in transmission system
 - Decreased \$29M or 2%; Average \$160M/year
 - HQ plan: WAPA-wide vs. Regional allocations
 - Drivers
- Significant reimbursable work with customers and Federal partners
- Status of capital appropriations

WAPA-wide 10-Year Capital Investment Plan (by category)

Key Investment Drivers

- T-Lines = 36%
- Subs = 36%
- Comm = 7%
- IT = 8%
- Mobile/Heavy Equip = 8%
- Aviation = 1%

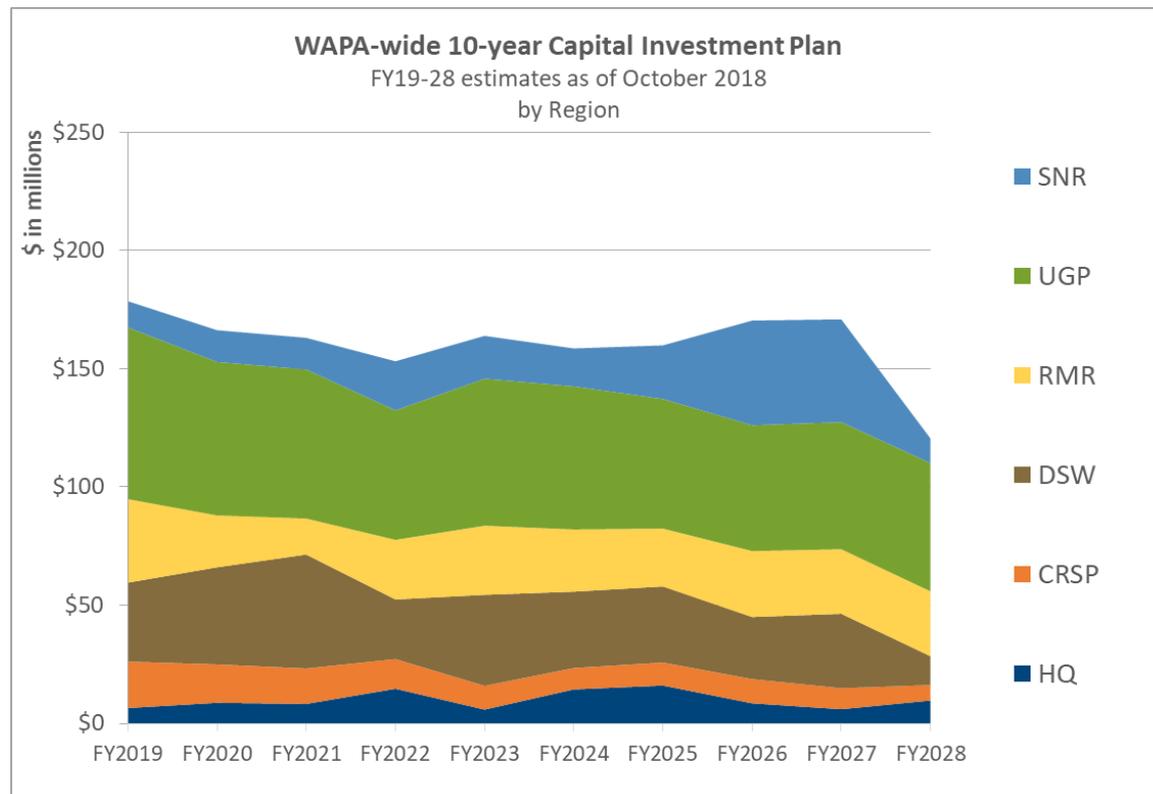


WAPA-wide 10-Year Capital Investment Plan (by region)

Change by Region

- CRSP -8% (-\$10.8M)
- DSW -4% (-\$13.0M)
- RM -3% (-\$6.7M)
- SN -2% (-\$3.3M)
- UGP +1% (+\$7.7M)
- HQ* -3% (-\$2.5M)

* HQ = WAPA-wide
Investments



What drives the plan?

- Safety and security
- Reliability through asset management
- IT lifecycle management and business needs
- Statutory and regulatory compliance

Work for Others

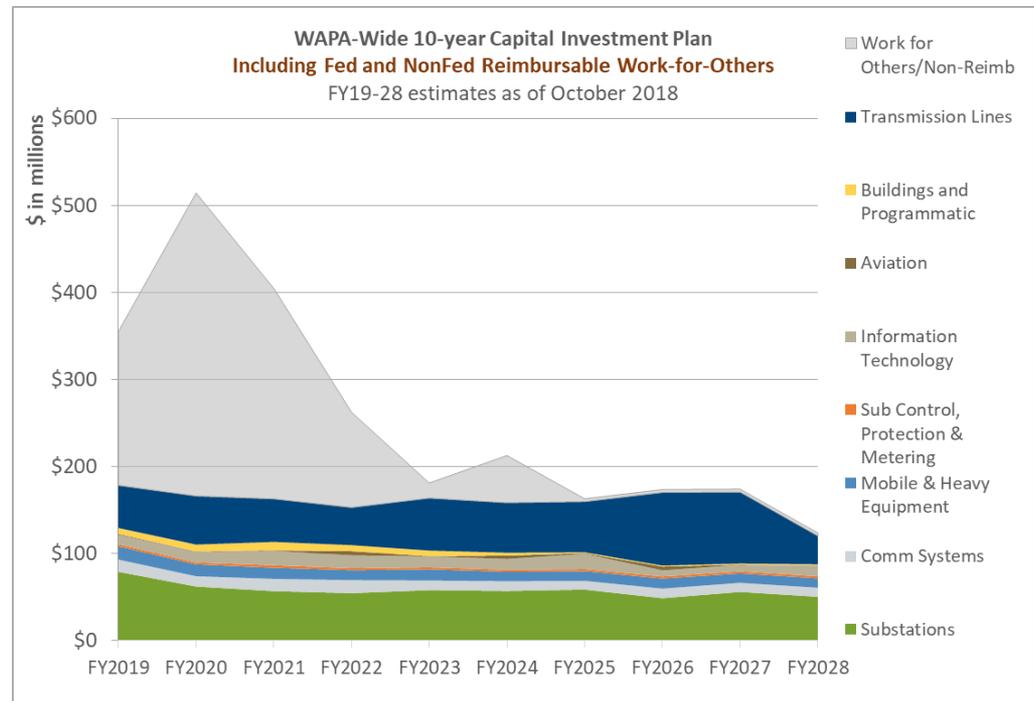
10-Year Capital Investment Plan

(by category)

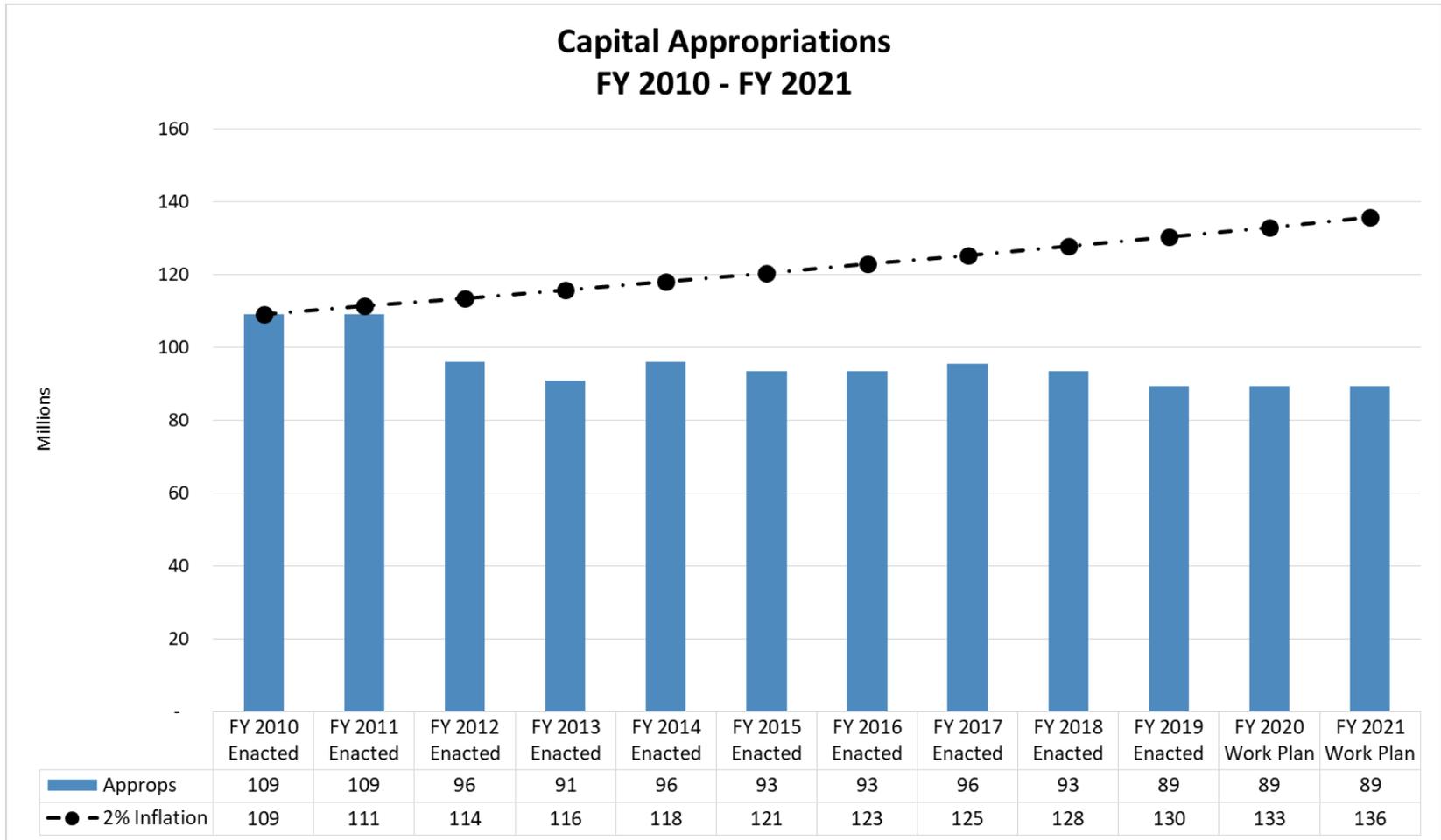
In addition to WAPA investment of **\$1.6B**, another **\$961M** in reimbursable Work for Others (WFO) is planned

Key Projects

- **San Luis (SN)**
 - \$324M total project cost
 - FY19 \$114M, FY20 \$88M, FY21 \$64M, FY22-24 \$49M
- **Colusa Sutter (SN)**
 - \$263M total project cost
 - FY19 \$1M, FY20 \$66M, FY21 \$98M, FY22-24 \$94M
- **Southline (DSW)**
 - \$202M total project cost
 - FY19 \$10M, FY20 \$152M, FY21 \$30M, FY22-23 \$10M

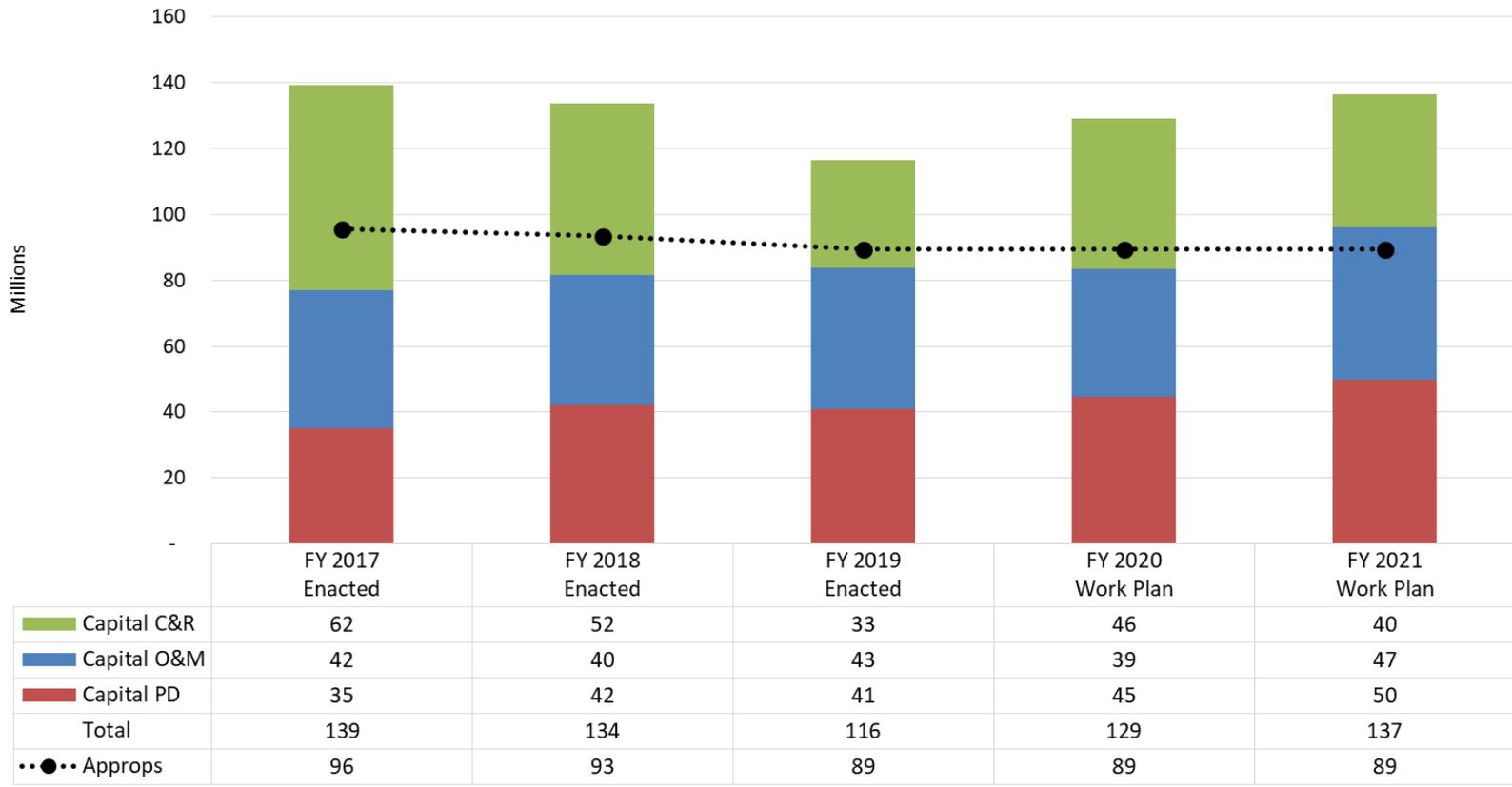


Status of appropriations



Status of appropriations

**Capital Appropriations
FY 2017 - FY 2021**



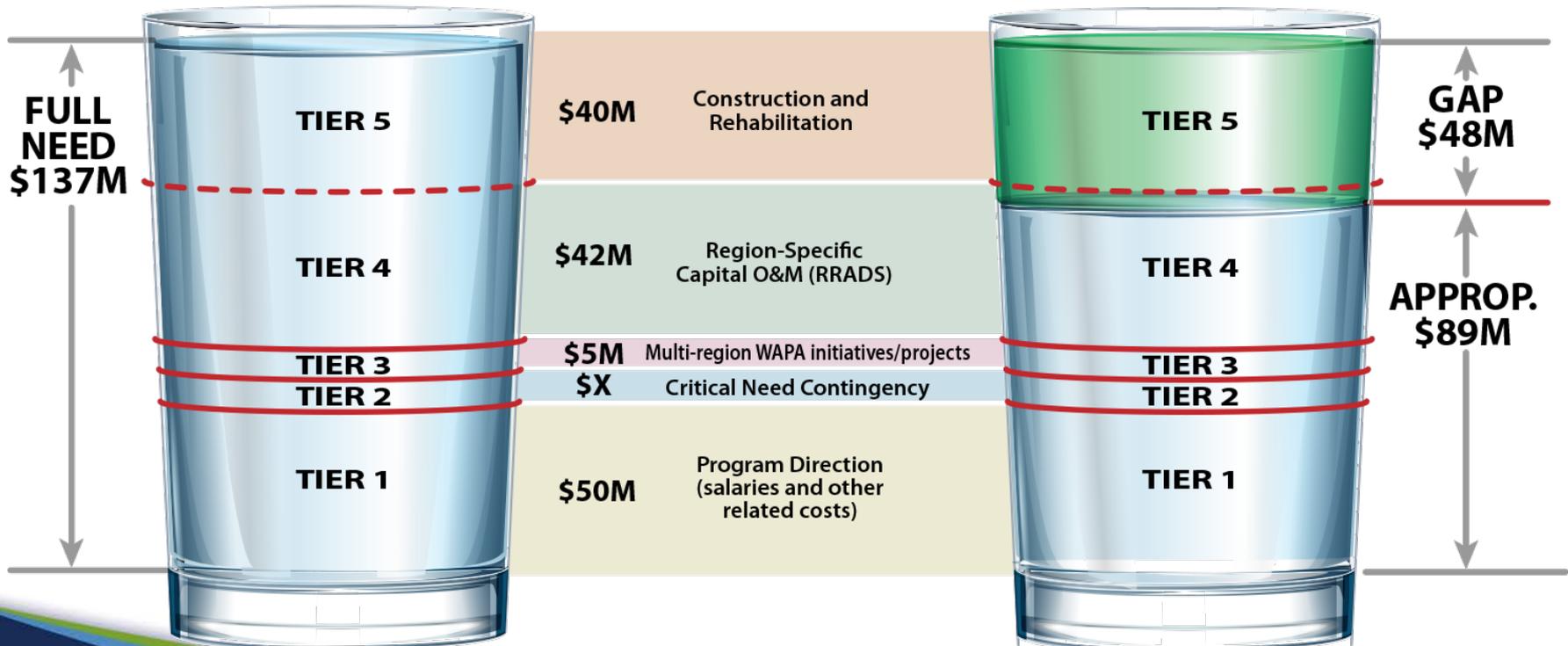
Status of appropriations

- Continued pressure on appropriation levels
- FY21: Currently formulating budget request
 - \$0 appropriations anticipated for C&R
 - \$8M appropriation shortfall anticipated for capital O&M
- C&R average appropriation over last 5 years:
~\$8.3M/year

Capital appropriations allocation planning in FY 2017

- Issue – declining appropriations & increased costs of maintaining system requires a process for funding allocation decisions
- Approach – assembled team to develop process & recommendations
- Input – received customer input in February 2017 and posted final plan in June 2017
([Plan posted on The Source](#))

Capital appropriations allocation plan



Total Capital Committee (TCC)

Purpose

- Develop recommendations by early March

WAPA participants

- Cross-regional
- Cross-functional
- Subject matter experts

Decision criteria

- Ability to execute
- Cash flow
- Customer bill limitations
- Project risk