



Friant-Kern Canal Middle Reach Capacity Correction Project

Funding Plan Workshop

July 29, 2020 _____ _____



Objectives

- ◆ Review construction cash flows and potential federal funding
- ◆ Identify potential non-federal funding needs
- ◆ Discuss next steps and schedule



Cash-flow Scenarios

- ◆ Full Project = \$485 million
 - Federal funding for 50% of construction cost
 - “Identified Federal Funding” = \$125 million
- ◆ Full Project Revised Schedule = \$485 million
 - Move \$38 million from FY 2021 to FY 2022
- ◆ Segments D&E = \$215.8 million
 - Identified federal funding
- ◆ Segments D, E & F = \$277.8 million
 - Identified federal funding



Funding Sources

◆ Federal Funding

- Bureau Funding under WIIN Act and Restoration Funding (PL 111-11)
- Reimbursable and Non-Reimbursable

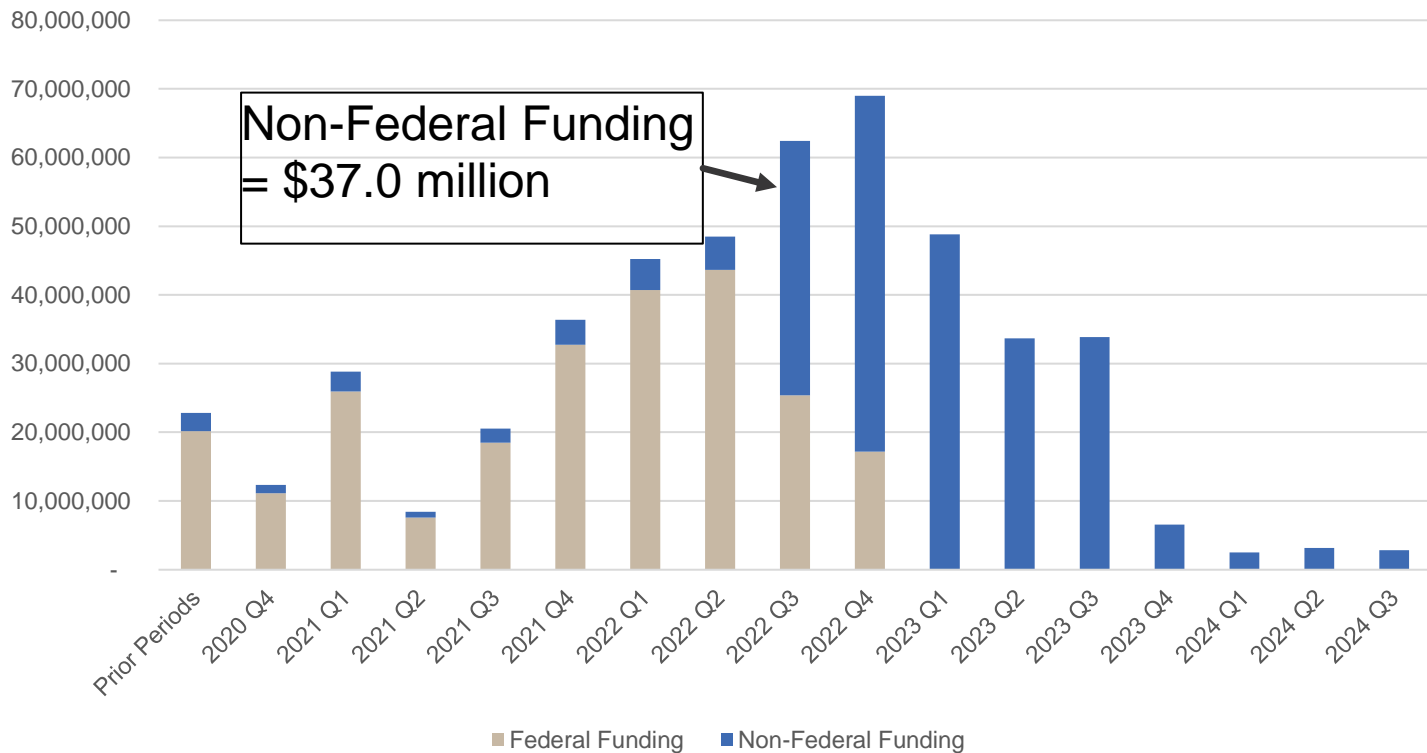
◆ Non-Federal Funding

- GSA Funds
- FWA Funding
- Contractor Funding (e.g., Zone 3)
- State Funding



Full Project – Current Cash Flow

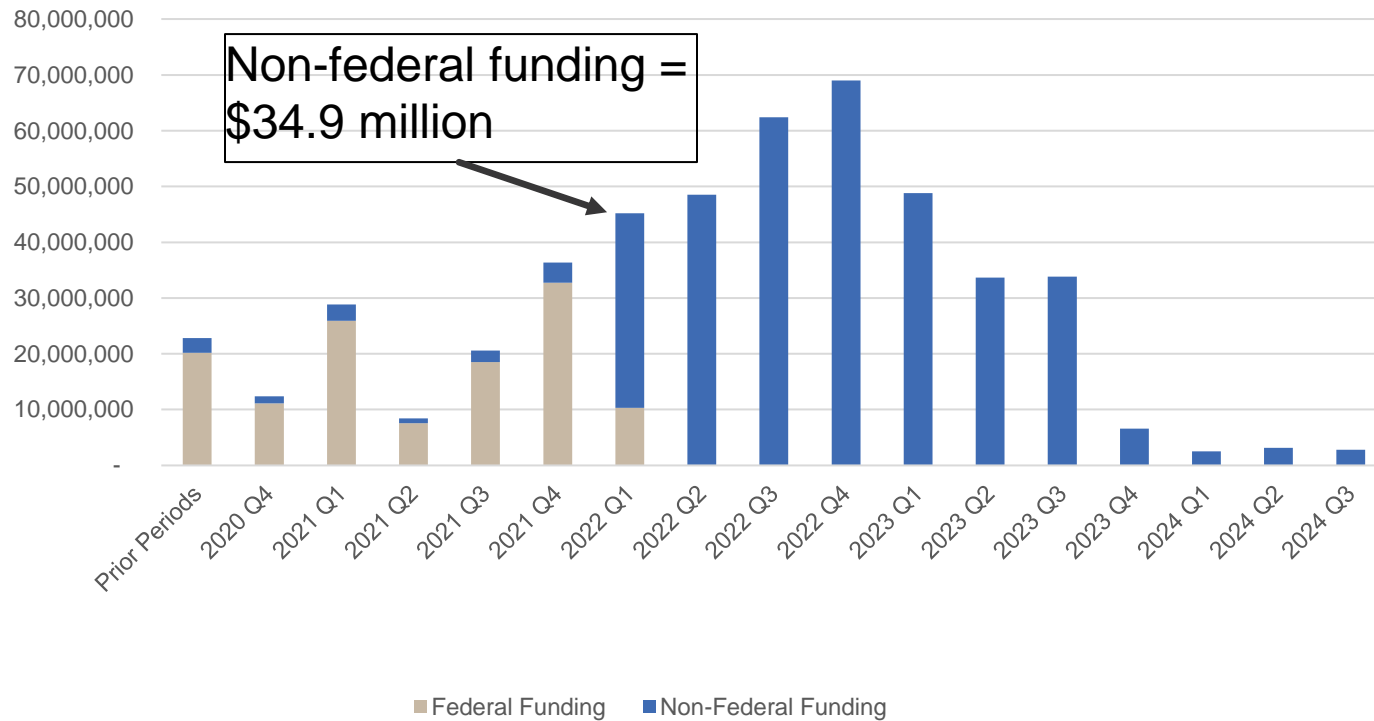
Federal vs. Non-Federal Funding
(including future appropriations)





Full Project – Current Cash Flow

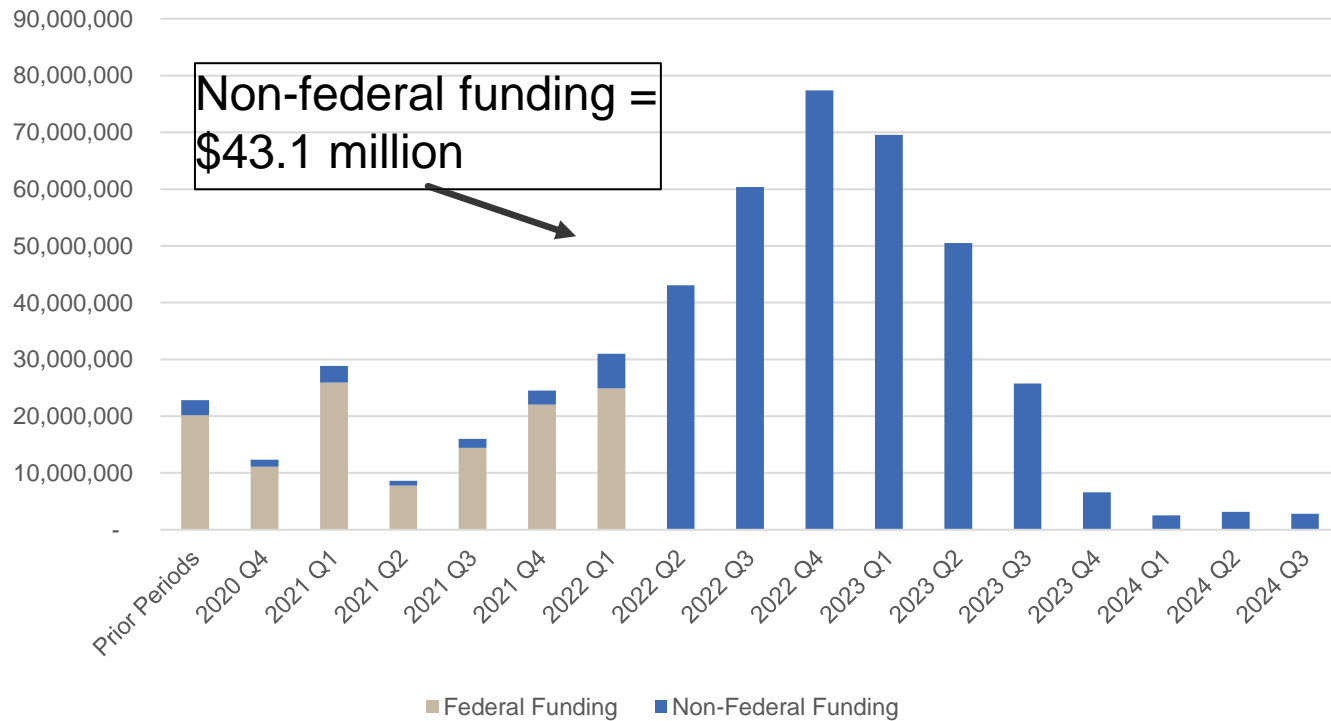
Federal and Non-Federal Funding
(identified federal funding only)





Full Project – Revised Cash Flow

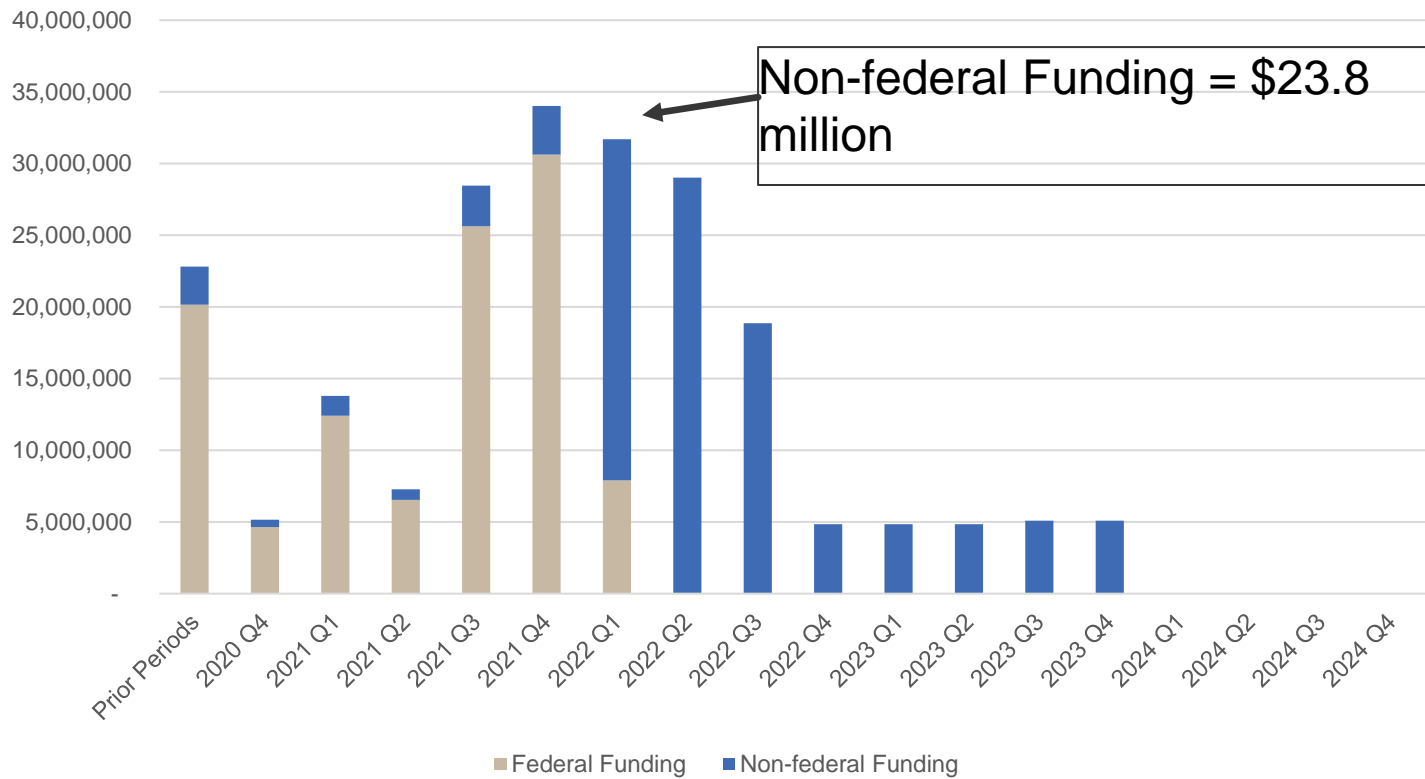
Federal and Non-Federal Funding
(identified federal funding only)





Segments D&E Cash Flow

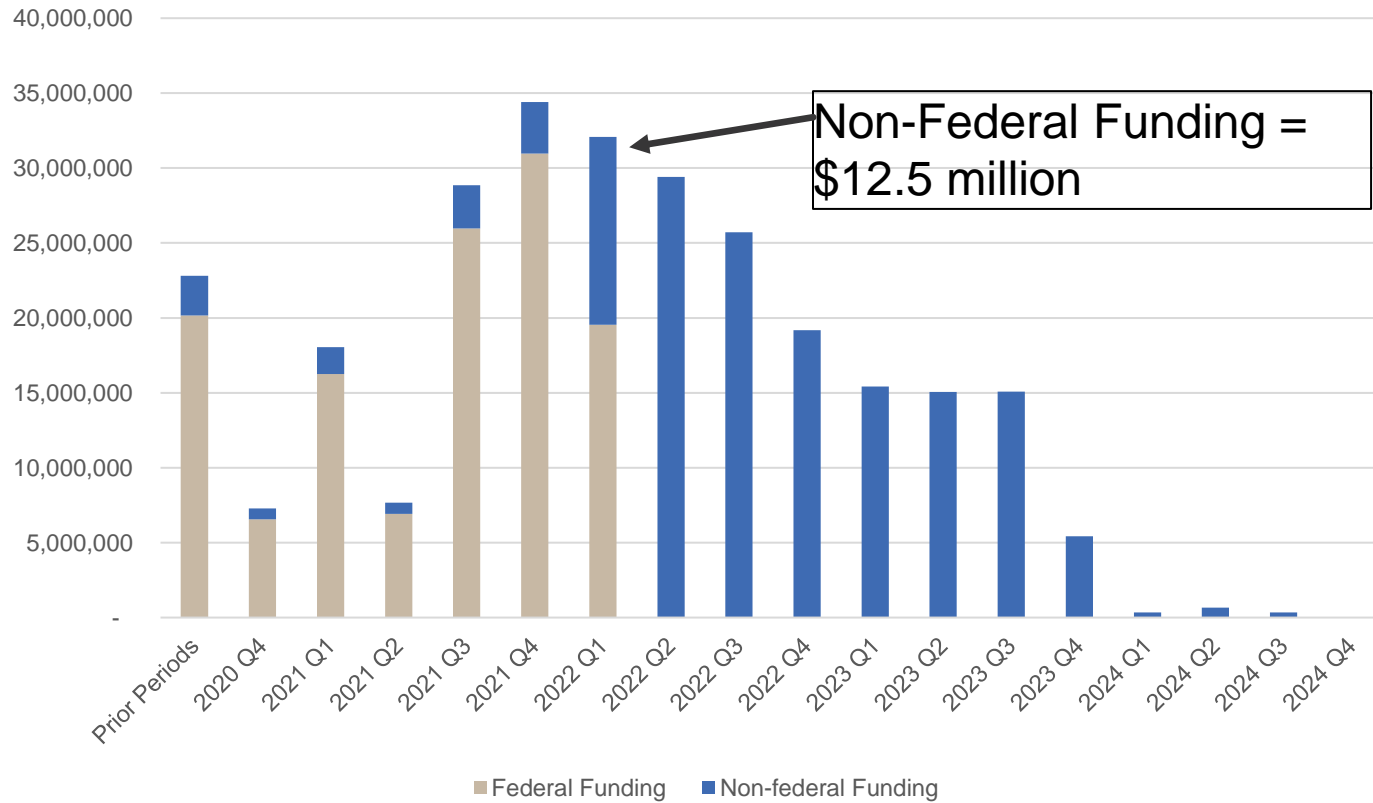
Federal and Non-Federal Funding
(identified federal funding only)





Segments D, E & F Cash Flow

Federal and Non-Federal Cash Flow
(identified federal funding only)





Potential Next Steps

- ◆ Cost share agreement with Bureau
- ◆ Identify GSA funding/complete negotiations
- ◆ Develop Term sheets for Zone 3
- ◆ Agree on FWA funding cost shares
- ◆ Develop financing timeline for FWA funding



Funding Summary – Reimbursable vs. Non-Reimbursable

Funding Source	Amount	Non-Reimbursable	Reimbursable	
FUNDING IN HAND				FY 2018 - 2020
PL 111-11, 10203.a	\$23,900,000.00	\$23,900,000.00	\$0.00	
PL 111-11, 10203.c	\$11,000,000.00	\$11,000,000.00	\$0.00	
PL 111-11, 10203.c returned	\$6,900,000.00	\$6,900,000.00	\$0.00	
WIIN FY 2018	\$2,200,000.00	\$2,200,000.00	\$0.00	
WIIN FY 2020	\$2,350,000.00	\$2,350,000.00	\$0.00	
Sub Total	\$46,350,000.00	\$46,350,000.00	\$0.00	
INITIAL REQUEST				FY 2021
PL 111-11 10203.c	\$9,000,000.00	\$9,000,000.00	\$0.00	
WIIN 2021	\$71,000,000.00	\$39,677,000.00	\$31,323,000.00	
Sub Total	\$80,000,000.00	\$48,677,000.00	\$31,323,000.00	
PREPARING REQUEST				FY 2022 - 2023
WINN 2022	\$100,000,000.00	\$0.00	\$100,000,000.00	
WIIN 2023	\$23,650,000.00	\$0.00	\$23,650,000.00	
Sub Total	\$123,650,000.00	\$0.00	\$123,650,000.00	
TOTAL	\$250,000,000	\$95,027,000	\$154,973,000	

**FRIANT CONTRACTOR
COST SHARE
DISTRIBUTION**



FWA Financing Plan Elements

Potential Funding Sources for Construction

Non-Reimbursable Funding Sources

- Federal non-reimbursable funds pursuant to SJRRA and WIIN Act
- Other potential Federal non-reimbursable funds
- State of California grants

Reimbursable Funding Sources

- Federal reimbursable funds pursuant to WIIN / other Reclamation Law
- Federal loans (WIFIA)
- Upfront funding
- Debt financing

Potential Revenue Sources for Repayment

Operations and Maintenance (O&M) Revenue

- O&M payments from all Friant Division long-term contractors that use the FKC.

Project Water Supply Beneficiary

- Payments from Friant Division long-term contractors that receive water slivity directly benefits from the restored capacity of the Middle Reach FKC.

FKC Zone 3 Participants

- Funding from specific Friant Division long-term contractors for additional benefits associated with Zone 3 capacity of the restored FKC.

Subsidence Impact Revenue

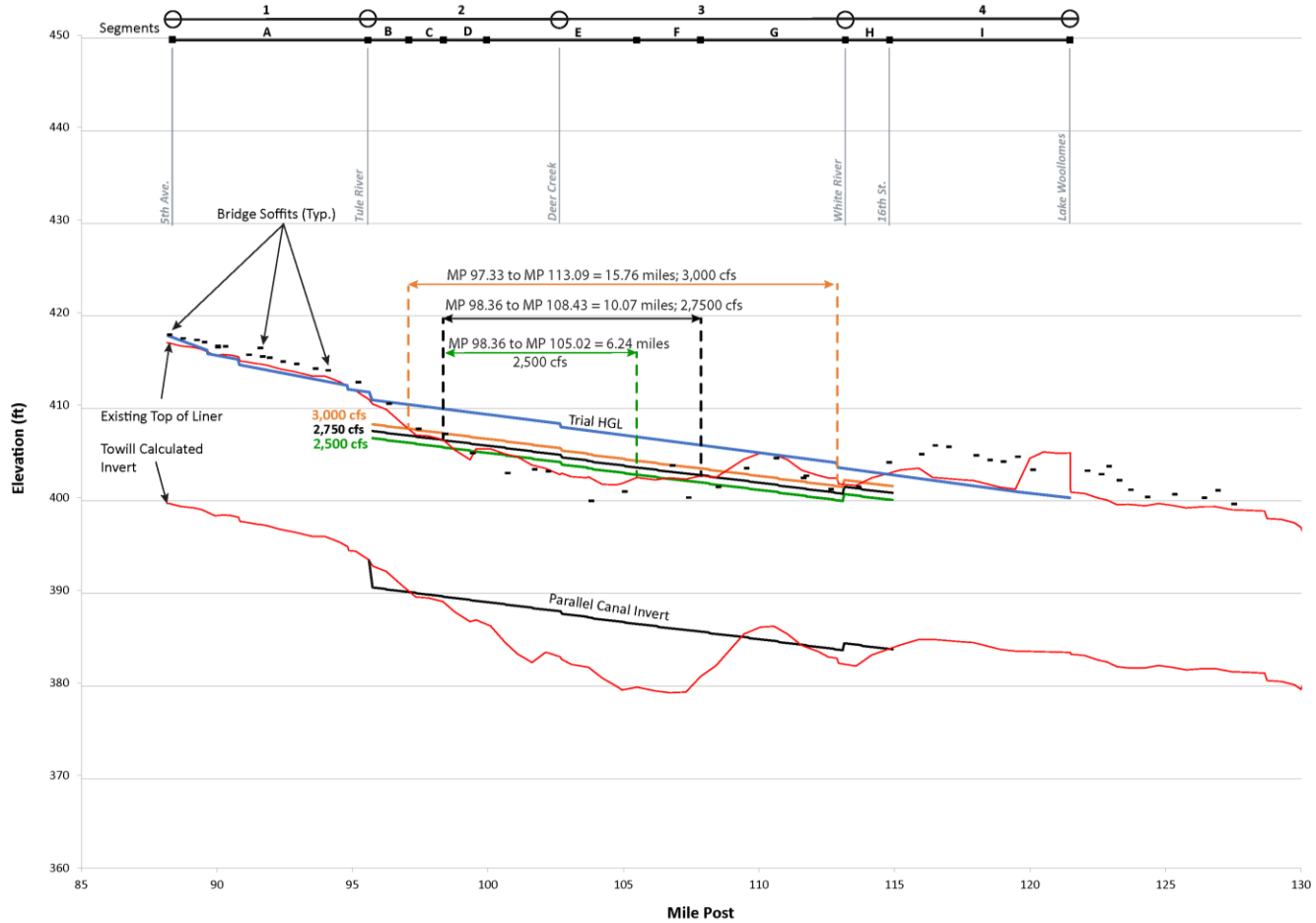
- Payments from Groundwater Sustainability Agencies (GSAs) based on future capacity reductions of the FKC due to land subsidence during the implementation of transitional pumping to comply with the California Sustainable Groundwater Management Act (SGMA).



Potential Participation in Financing

	District	Acreage	C1 (af)	C2 (af)	Total (af)	O&M	Project Delivery Recipient	Zone 3 Participant	District Land in ETGSA	Non-District Land in ETGSA	
UPSTREAM	Fresno Irrigation District	155,000	0	75,000	75,000	Y	-		-	-	
	City of Fresno	73,004	60,000	0	60,000	Y	-		-	-	
	Garfield Water District	1,797	3,500	0	3,500	Y	-		-	-	
	International Water District	736	1,200	0	1,200	Y	-		-	-	
	Orange Cove Irrigation District	28,050	39,200	0	39,200	Y	-		-	-	
	City of Orange Cove	1,000	1,400	0	1,400	Y	-		-	-	
	Tri-Valley Water District	4,500	400	0	400	Y	-		-	-	
	Hills Valley Irrigation District	4,300	1,250	0	1,250	Y	-		-	-	
	Stone Corral Irrigation District	6,587	10,000	0	10,000	Y	-		-	-	
	Ivanhoe Irrigation District	11,202	6,500	500	7,000	Y	-		-	-	
	Lewis Creek Water District	1,233	1,200	0	1,200	Y*	-		-	-	
	Tulare Irrigation District	73,591	30,000	141,000	171,000	Y	-		-	-	
	Kaweah Delta Water Conservation District	264,854	1,200	7,400	8,600	Y	-		-	-	
	Exeter Irrigation District	14,945	11,100	19,000	30,100	Y	-		-	-	
	Lindsay-Strathmore Irrigation District	15,400	27,500	0	27,500	Y	-		-	-	
MIDDLE	Lindmore Irrigation District	27,256	33,000	22,000	55,000	Y	-		-	-	
	City of Lindsay	1,500	2,500	0	2,500	Y	-		-	-	
	Porterville Irrigation District	17,065	15,000	30,000	45,000	Y	Y	Y	Y	-	
	Lower Tule River Irrigation District	103,086	61,200	238,000	299,200	Y	Y		Y	-	
	Saucelito Irrigation District	19,415	21,500	32,800	54,300	Y	Y	Y	Y	-	
	Tea Pot Dome Water District	3,580	7,200	0	7,200	Y	Y		Y	-	
	Terra Bella Irrigation District	13,972	29,000	0	29,000	Y	Y	Y	Y	-	
	Pixley Irrigation District	65,776	0	0	0	-	-		Y	-	
	Delano-Earlimart Irrigation District	55,011	108,800	74,500	183,300	Y	Y		Y	Y	
	Kern-Tulare Water District	19,000	0	5,000	5,000	Y	Y	Y	-	-	
	TULE BASIN GSA Non-Friant Lands	-	-	-	-	-	-	-	-	-	Y
	LOWER	Southern San Joaquin Municipal Utility District	59,938	97,000	45,000	142,000	Y	Y		-	-
Shafter-Wasco Irrigation District		38,734	50,000	39,600	89,600	Y	Y		-	-	
Arvin-Edison Water Storage District		131,660	40,000	311,675	351,675	Y	Y	Y	-	-	
	Total	N/A	659,650	1,041,475	1,701,125						

Project Segments



Segment Features and Costs

Item	Segments D, E	Segments D,E,F	Segments C,D,E,F,G	Full Project
<i>New Canal (miles)</i>	6.6	10	15.7	19
<i>Canal Raise (miles)</i>	-	-	-	11
<i>Deer Creek Check and Siphon</i>	1	1	1	1
<i>Road Siphons</i>	6	8	14	16
<i>New Turnouts</i>	7	9	17	25
<i>Modified Turnouts</i>	-	-	-	13
<i>White River Check and Siphon</i>	-	-	-	1
TOTAL CAPITAL COST	\$193,000,000	\$255,000,000	\$379,000,000	\$463,000,000

60% DESIGN CLASS 3 OPCC SUMMARY - 6/16/2020

