

M&I Full Cost 2016 Sch FC-4.Z18.xlsm
12/24/2015

CENTRAL VALLEY PROJECT
SCHEDULE OF M&I FULL COST ALLOCATED CONSTRUCTION COSTS
AS OF SEPTEMBER 30, 2014
2016 SPECIAL WATER RATES

A	B	C	D	E		F	G	H	I	J	K	L	M
Facility/Contractor	Other Costs <Sch A-4>	Storage <Sch A-4>	Conveyance <Sch A-4>	Conveyance Pumping				Direct Pumping <Sch A-4>	Total Construction Cost/AF (B+C+D+I+J)	Historical & Projected Deliveries 1981-2030 <Sch FC-6>	Allocated Construction Cost (K*L)		
				Jones PP	Dos		Total =SUM(E:H)						
				FK/ Madera <Sch A-4>	All Others <Sch A-4>	O'Neill PGP <Sch A-4>						Amigos PP <Sch A-4>	
Black Butte D&R													
County of Colusa	1.57	2.06									3.64	1,155	\$4,201
Elk Creek CSD	1.57	2.06									3.64	879	3,197
U. S. Forest Service - BB	1.57	2.06									3.64	486	1,768
Whitney Const Inc.	1.57	2.06									3.64	872	3,172
Total Black Butte D&R												3,392	\$12,339
Clear Creek Unit													
Clear Creek CSD	1.57	2.06	1.97								5.60	90,399	506,524
Contra Costa Canal													
Contra Costa WD	1.57	2.06							0.80		4.44	5,318,291	23,621,309
Cow Creek Unit													
Bella Vista WD	1.57	2.06	1.97						3.48		9.08	190,315	1,728,215
Cross Valley Canal ^{1/}													
County of Fresno	1.57	2.06					0.69	0.69	1.48		5.80	2,522	14,624
County of Tulare	1.57	2.06					0.69	0.69	1.48		5.80	8,411	48,771
Total Cross Valley Canal												10,933	\$63,394
Delta-Mendota Canal													
Byron Bethany ID	1.57	2.06	1.97		1.43			1.43			7.03	30,777	216,347
City of Tracy	1.57	2.06	1.97		1.43			1.43			7.03	481,039	3,381,467
Del Puerto WD	1.57	2.06	1.97		1.43			1.43			7.03	734	5,160
Department of VA	1.57	2.06	1.97		1.43			1.43			7.03	13,239	93,064
Panoche WD	1.57	2.06	1.97		1.43			1.43			7.03	1,341	9,427
San Luis WD	1.57	2.06	1.97		1.43			1.43			7.03	6,013	42,268
Total Delta-Mendota Canal												533,143	\$3,747,733

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Facility/Contractor	Other Costs <Sch A-4>	Storage <Sch A-4>	Conveyance <Sch A-4>	Jones PP		O'Neill PGP <Sch A-4>	Dos Amigos PP <Sch A-4>		Total =SUM(E:H)	Direct Pumping <Sch A-4>	Total 50-Yr Construction Cost/AF (B+C+D+I+J)	Historical & Projected Deliveries 1981-2030 <Sch FC-6>	Allocated Construction Cost (K*L)
				FK/ Madera <Sch A-4>	All Others <Sch A-4>		PP <Sch A-4>	PP <Sch A-4>					
<u>Folsom D&R</u>													
City of Roseville	1.57	2.06									3.64	1,196,572	4,352,653
El Dorado ID - FD&R	1.57	2.06									3.64	262,987	956,642
Placer County WA	1.57	2.06									3.64	277	1,008
Sacramento County WA	1.57	2.06									3.64	95,500	347,391
San Juan WD	1.57	2.06									3.64	274,905	999,995
Total Folsom D&R												1,830,241	\$6,657,689
<u>Folsom-South Canal</u>													
East Bay MUD	1.57	2.06	1.97								5.60	831,544	4,659,311
Sacramento CTY WA - FSC	1.57	2.06	1.97								5.60	68,576	384,245
Sacramento MUD	1.57	2.06	1.97								5.60	945,019	5,295,135
Total Folsom-South Canal												1,845,139	\$10,338,692
<u>Friant Dam</u>													
County of Madera	1.57	2.06		1.39					1.39		5.03	5,577	\$28,029
Fresno County WW#18	1.57	2.06		1.39					1.39		5.03	6,435	32,341
Total Friant Dam												12,012	\$60,370
<u>Friant-Kern Canal</u>													
Arvin-Edison WSD	1.57	2.06	1.97	1.39					1.39		6.99	30,073	210,254
City of Fresno	1.57	2.06	1.97	1.39					1.39		6.99	2,390,423	16,712,524
City of Lindsay	1.57	2.06	1.97	1.39					1.39		6.99	86,958	607,963
City of Orange Cove	1.57	2.06	1.97	1.39					1.39		6.99	53,872	376,643
Delano-Earlimart ID	1.57	2.06	1.97	1.39					1.39		6.99	7,858	54,939
Lindsay-Strathmore ID	1.57	2.06	1.97	1.39					1.39		6.99	13,243	92,588
Shafter-Wasco ID	1.57	2.06	1.97	1.39					1.39		6.99	18,074	126,363
Terra Bella ID	1.57	2.06	1.97	1.39					1.39		6.99	38,487	269,080
Total Friant-Kern Canal												2,638,988	\$18,450,354
<u>New Melones D & R</u>													
Stockton-East WD	1.57	2.06									3.64	796,571	2,897,609

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Facility/Contractor	Other Costs <Sch A-4>	Storage <Sch A-4>	Conveyance <Sch A-4>	Jones PP		O'Neill PGP <Sch A-4>	Dos Amigos PP <Sch A-4>	Total =SUM(E:H)	Direct Pumping <Sch A-4>	Total 50-Yr Construction Cost/AF (B+C+D+I+J)	Historical & Projected Deliveries 1981-2030 <Sch FC-6>	Allocated Construction Cost (K*L)
				FK/ Madera <Sch A-4>	All Others <Sch A-4>							
<u>Sacramento River</u>												
City of Redding - SR	1.57	2.06								3.64	156,012	567,510
City of West Sacramento	1.57	2.06								3.64	293,086	1,066,130
Lake California P.O.A.	1.57	2.06								3.64	9,329	33,935
Meyer Crest LTD.	1.57	2.06								3.64	8,374	30,461
Riverview Golf & CC	1.57	2.06								3.64	1,250	4,547
Total Sacramento River											468,051	\$1,702,583
<u>San Felipe Unit</u>												
San Benito County WD	1.57	1.72	1.97		1.43	0.59		2.02	2.81	10.08	160,043	1,613,832
Santa Clara Valley WD	1.57	1.72	1.97		1.43	0.59		2.02	3.11	10.38	3,839,164	39,867,058
Total San Felipe Unit											3,999,207	\$41,480,890
<u>San Luis Canal - Fresno</u>												
City of Avenal	1.57	2.06	1.97		1.43	0.59	1.02	3.04		8.64	107,644	929,984
City of Coalinga	1.57	2.06	1.97		1.43	0.59	1.02	3.04	0.73	9.37	271,570	2,543,846
City of Huron	1.57	2.06	1.97		1.43	0.59	1.02	3.04		8.64	51,005	440,655
State of CA	1.57	2.06	1.97		1.43	0.59	1.02	3.04		8.64	368	3,179
Westlands WD	1.57	2.06	1.97		1.43	0.59	1.02	3.04	3.01	11.65	197,450	2,301,103
Total San Luis Canal - Fresno											628,037	\$6,218,768
<u>San Luis Canal - Tracy</u>												
Pacheco WD - SLC	1.57	2.06	1.97		1.43	0.59	1.02	3.04		8.64	642	\$5,547
Panoche WD - SLC	1.57	2.06	1.97		1.43	0.59	1.02	3.04		8.64	2,157	18,635
San Luis WD - SLC	1.57	2.06	1.97		1.43	0.59	0.07	2.09	1.72	9.41	59,415	559,384
Total San Luis Canal - Tracy											62,214	\$583,566
<u>Shasta D&R</u>												
Centerville CSD	1.57	2.06								3.64	37,781	137,432
Mountain Gate CSD	1.57	2.06								3.64	32,539	118,364
Shasta CWA	1.57	2.06								3.64	8,640	31,429
Total Shasta D&R											78,960	\$287,225

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				Conveyance Pumping							Total 50-Yr	Historical & Projected	Allocated
				Jones PP		Dos				Construction	Deliveries	Construction	
Facility/Contractor	Other Costs	Storage	Conveyance	FK/ Madera	All Others	O'Neill PGP	Amigos PP	Total	Direct Pumping	Cost/AF	1981-2030	Cost	
	<Sch A-4>	<Sch A-4>	<Sch A-4>	<Sch A-4>	<Sch A-4>	<Sch A-4>	<Sch A-4>	=SUM(E:H)	<Sch A-4>	(B+C+D+I+J)	<Sch FC-6>	(K*L)	
Spring Creek Conduit													
City of Redding - SCC	1.57	2.06								3.64	153,907	559,852	
Shasta CWA - SCC	1.57	2.06								3.64	6,955	25,300	
Shasta CSD	1.57	2.06								3.64	34,266	124,646	
Total Spring Creek Conduit											195,128	\$709,798	
Tehama-Colusa Canal													
Colusa County WD	1.57	2.06	1.97						0.68	6.29	5,516	34,676	
Kanawa WD	1.57	2.06	1.97						0.12	5.72	171	979	
Total Tehama-Colusa Canal											5,687	\$35,655	
Toyon Pipeline													
City of Redding - TP	1.57	2.06	1.97							5.60	5,391	30,207	
City of Shasta Lake	1.57	2.06	1.97						5.36	10.97	103,713	1,137,472	
US Forest Service	1.57	2.06	1.97							5.60	304	1,703	
Total Toyon Pipeline											109,408	\$1,169,383	
Total											18,816,116	\$120,272,097	
Assignments of Historical Costs from Irrigation													
City of Tracy from Banta-Carbona	0.25	3.35	3.62		1.32			\$1.32		\$ 8.55	102,857	\$879,312	
City of Tracy from West Side ID	0.25	3.35	3.62		1.32			\$1.32		\$ 8.55	44,885	\$383,717	
City of Tracy from West Side ID	0.25	3.35	3.62		1.32			\$1.32		\$ 8.55	56,600	\$483,863	
Total Assignments :												\$1,746,893	
Grand Total												\$122,018,990	

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Footnotes:

1/ Cross Valley Canal contract water can be pumped and delivered through the State and/or Federal side of joint-use facilities. For the 2016 long-term contractor water rate calculations, these contractors will not be allocated Conveyance and Conveyance Pumping costs. Direct Pumping costs will be limited to Project Use Energy only for Dos Amigos & State Delta (Banks) Pumping Plants. If special circumstances arise that water is pumped through Federal facilities, a "Special Rate" will be developed for additional service components.

2/ San Luis Water District - San Luis Canal's Conveyance Pumping share of Dos Amigos:

4,003	A/F	San Luis WD deliveries after Dos Amigos (2016 M&I Water Rates, Schedule A-7)
1.02		times: Dos Amigos Pumping Plant Conveyance Pumping rate (2016 M&I Water Rates, Schedule A-4)
4,067.80		
59,415	A/F	divided by: San Luis WD Historical and Projected Deliveries (H&PT) (see Page 3 of 4)
0.07		San Luis Water District - San Luis Canal's Conveyance Pumping share of Dos Amigos