

RECLAMATION

Managing Water in the West

U.S. Department of the Interior
Bureau of Reclamation

M&I Full Cost 2016 Sch FC-3.Z18.xlsm
12/24/2015

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

A	B	C	D	E	F
	Construction Cost				
Facility/Contractor	Allocated Construction Cost	Repayment as of 09-30-14	Net Construction Cost	Present Worth of Projected Deliveries 2016-2030	2016 Full Cost Construction Cost per Acre-Foot
Ref	<Sch. FC-4>	<Sch. A-2B>	(B-C)	<Sch. FC-5>	(D/E)
Black Butte D&R					
County of Colusa	1/ \$ 4,201	\$ 5,590	\$ (1,389)	87	\$ -
Elk Creek CSD	1/ \$ 3,197	\$ 3,450	\$ (252)	252	\$ -
US Forest Service - BB	\$ 1,768	\$ 870	\$ 898	165	\$ 5.45
Whitney Const Inc.	1/ \$ 3,172	\$ 5,997	\$ (2,825)	35	\$ -
Total Black Butte D&R	\$ 12,339	\$ 15,907	\$ (3,568)	538	
Clear Creek Unit					
Clear Creek CSD	1/ \$ 506,524	\$ 693,824	\$ (187,300)	15,651	\$ -
Contra Costa Canal					
Contra Costa WD	1/ \$ 23,621,309	\$ 26,638,207	\$ (3,016,897)	832,535	\$ -
Cow Creek Unit					
Bella Vista WD	1/ \$ 1,728,215	\$ 1,944,940	\$ (216,724)	39,943	\$ -
Cross Valley Canal					
County of Fresno	1/ \$ 14,624	\$ 26,257	\$ (11,633)	746	\$ -
County of Tulare	\$ 48,771	\$ 28,361	\$ 20,410	1,666	\$ 12.25
Total Cross Valley Canal	\$ 63,394	\$ 54,618	\$ 8,777	2,412	

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<u>Delta-Mendota Canal</u>					
Byron Bethany ID	\$ 216,347	\$ 214,922	\$ 1,425	6,906	\$ 0.21
City of Tracy 1/	\$ 5,128,360	\$ 4,436,770	\$ 691,590	69,015	\$ 10.02
Del Puerto WD 1/	\$ 5,160	\$ 5,169	\$ (9)	130	\$ -
Department of VA	\$ 93,064	\$ 25,469	\$ 67,595	1,883	\$ 35.90
Panoche WD 1/	\$ 9,427	\$ 12,863	\$ (3,436)	208	\$ -
San Luis WD 1/	\$ 42,268	\$ 92,792	\$ (50,524)	781	\$ -
Total Delta-Mendota Canal	\$ 5,494,625	\$ 4,787,986	\$ 706,640	78,923	
<u>Folsom D&R</u>					
City of Roseville	\$ 4,352,653	\$ 3,924,348	\$ 428,306	244,767	\$ 1.75
El Dorado ID - FD&R 1/	\$ 956,642	\$ 1,060,523	\$ (103,881)	34,052	\$ -
Placer County WA 1/	\$ 1,008	\$ 183,769	\$ (182,762)	104	\$ -
Sacramento County WA	\$ 347,391	\$ 196,112	\$ 151,279	25,133	\$ 6.02
San Juan WD 1/	\$ 999,995	\$ 1,616,850	\$ (616,855)	25,845	\$ -
Total Folsom D&R	\$ 6,657,689	\$ 6,981,602	\$ (323,913)	329,901	
<u>Folsom-South Canal</u>					
East Bay MUD	\$ 4,659,311	\$ 1,816,083	\$ 2,843,228	25,671	\$ 110.76
Sacramento Cty WA - FSC	\$ 384,245	\$ -	\$ 384,245	37,184	\$ 10.33
Sacramento MUD	\$ 5,295,135	\$ 2,546,101	\$ 2,749,034	187,698	\$ 14.65
Total Folsom-South Canal	\$ 10,338,692	\$ 4,362,184	\$ 5,976,508	250,553	
<u>Friant Dam</u>					
County of Madera	\$ 28,029	\$ 17,674	\$ 10,356	260	\$ 39.79
Fresno County WW#18 2/	\$ 32,341	\$ 65,078	\$ (32,737)	946	N/A
Total Friant Dam	\$ 60,370	\$ 82,752	\$ (22,381)	1,206	

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<u>Friant-Kern Canal</u>					
Arvin-Edison WSD	2/ \$ 210,254	\$ 567,156	\$ (356,902)	4,216	N/A
City of Fresno	2/ \$ 16,712,524	\$ 21,385,091	\$ (4,672,567)	387,030	N/A
City of Lindsay	1/ \$ 607,963	\$ 779,413	\$ (171,451)	14,922	\$ -
City of Orange Cove	1/ \$ 376,643	\$ 516,952	\$ (140,309)	9,370	\$ -
Delano-Earlimart ID	2/ \$ 54,939	\$ 34,792	\$ 20,147	2,481	N/A
Lindsay-Strathmore ID	2/ \$ 92,588	\$ 65,349	\$ 27,239	3,384	N/A
Shafter-Wasco ID	2/ \$ 126,363	\$ 150,417	\$ (24,054)	3,965	N/A
Terra Bella ID	2/ \$ 269,080	\$ 362,028	\$ (92,948)	9,734	N/A
Total Friant-Kern Canal	\$ 18,450,354	\$ 23,861,198	\$ (5,410,844)	435,102	
<u>New Melones D & R</u>					
Stockton-East WD	\$ 2,897,609	\$ 673,097	\$ 2,224,512	259,238	\$ 8.58
<u>Sacramento River</u>					
City of Redding - SR	1/ \$ 567,510	\$ 669,902	\$ (102,392)	20,613	\$ -
City of West Sacramento	\$ 1,066,130	\$ 1,040,171	\$ 25,960	65,172	\$ 0.40
Lake California P.O.A.	\$ 33,935	\$ 32,802	\$ 1,134	1,674	\$ 0.68
Meyer Crest Ltd.	1/ \$ 30,461	\$ 57,590	\$ (27,129)	1,709	\$ -
Riverview Golf & CC	1/ \$ 4,547	\$ 4,914	\$ (367)	182	\$ -
Total Sacramento River	\$ 1,702,583	\$ 1,805,378	\$ (102,795)	89,351	
<u>San Felipe Unit</u>					
San Benito County WD	1/ \$ 1,613,832	\$ 1,987,221	\$ (373,389)	36,568	\$ -
Santa Clara Valley WD	\$ 39,867,058	\$ 35,287,053	\$ 4,580,005	780,784	\$ 5.87
Total San Felipe Unit	\$ 41,480,890	\$ 37,274,274	\$ 4,206,616	817,352	

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<u>San Luis Canal - Fresno</u>					
City of Avenal	\$ 929,984	\$ 386,256	\$ 543,728	19,694	\$ 27.61
City of Coalinga	\$ 2,543,846	\$ 879,173	\$ 1,664,673	46,285	\$ 35.97
City of Huron	\$ 440,655	\$ 269,328	\$ 171,327	9,465	\$ 18.10
State of CA 1/	\$ 3,179	\$ 3,817	\$ (637)	69	\$ -
Westlands WD	\$ 2,301,103	\$ 2,078,386	\$ 222,718	23,190	\$ 9.60
Total San Luis Canal - Fresno	\$ 6,218,768	\$ 3,616,959	\$ 2,601,809	98,703	
<u>San Luis Canal - Tracy</u>					
Pacheco WD - SLC	\$ 5,547	\$ 3,133	\$ 2,413	95	\$ 25.29
Panoche WD - SLC	\$ 18,635	\$ 17,624	\$ 1,011	513	\$ 1.97
San Luis WD - SLC	\$ 559,384	\$ 405,965	\$ 153,419	17,091	\$ 8.98
Total San Luis Canal - Tracy	\$ 583,566	\$ 426,723	\$ 156,843	17,699	
<u>Shasta D&R</u>					
Centerville CSD	\$ 137,432	\$ 64,105	\$ 73,327	7,002	\$ 10.47
Mountain Gate CSD	\$ 118,364	\$ 99,195	\$ 19,169	5,587	\$ 3.43
Shasta CWA	\$ 31,429	\$ 22,730	\$ 8,699	1,440	\$ 6.04
Total Shasta D&R	\$ 287,225	\$ 186,030	\$ 101,195	14,029	
<u>Spring Creek Conduit</u>					
City of Redding - SCC	\$ 559,852	\$ 359,634	\$ 200,218	38,850	\$ 5.15
Shasta CWA - SCC	\$ 25,300	\$ 18,470	\$ 6,830	1,215	\$ 5.62
Shasta CSD	\$ 124,646	\$ 103,028	\$ 21,618	4,850	\$ 4.46
Total Spring Creek Conduit	\$ 709,798	\$ 481,132	\$ 228,666	44,914	

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<u>Tehama-Colusa Canal</u>					
Colusa County WD	\$ 34,676	\$ 31,539	\$ 3,137	1,362	\$ 2.30
Kanawha WD	\$ 979	\$ 760	\$ 219	61	\$ 3.61
Total Tehama-Colusa Canal	<u>\$ 35,655</u>	<u>\$ 32,299</u>	<u>\$ 3,356</u>	<u>1,423</u>	
<u>Toyon Pipeline</u>					
City of Redding - TP	1/ \$ 30,207	\$ 229,042	\$ (198,835)	226	\$ -
City of Shasta Lake	1/ \$ 1,137,472	\$ 1,538,839	\$ (401,367)	14,679	\$ -
US Forest Service	1/ \$ 1,703	\$ 4,962	\$ (3,258)	9	\$ -
Total Toyon Pipeline	<u>\$ 1,169,383</u>	<u>\$ 1,772,843</u>	<u>\$ (603,461)</u>	<u>14,913</u>	
Total	<u>\$ 122,018,990</u>	<u>\$115,691,952</u>	<u>\$ 6,327,037</u>	<u>3,344,386</u>	

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FOOTNOTES:

- 1/ Contractor has satisfied their obligation of allocated construction costs as of 9/30/2014.
- 2/ Contractor has entered into a 9(d) repayment contract for construction repayment.