

M&I Full Cost 2020 Sch FC-3.Z22.xlsm  
12/30/2019

CENTRAL VALLEY PROJECT  
SCHEDULE OF M&I FULL COST CONSTRUCTION COSTS PER ACRE-FOOT  
AS OF SEPTEMBER 30, 2018  
2020 SPECIAL WATER RATES

A	B	C	D	E	F
Facility/Contractor	Allocated Construction Cost	Construction Cost Repayment as of 09-30-18	Net Construction Cost	Present Worth of Projected Deliveries 2020-2030	2020 Full Cost Construction Cost Per Acre-Foot
Ref	<Sch. A-2Ba>	<Sch. A-2Ba>	(B-C)	<Sch. FC-4>	(D/E)
<b>Black Butte D&amp;R</b>					
County of Colusa <sup>1/</sup>	\$ 4,298	\$ 5,751	\$ (1,453)	50	\$ -
Elk Creek CSD <sup>1/</sup>	\$ 2,135	\$ 3,450	\$ (1,314)	102	\$ -
US Forest Service - BB	\$ 1,446	\$ 1,064	\$ 382	103	\$ 3.71
Whitney Const Inc. <sup>1/</sup>	\$ 3,044	\$ 5,997	\$ (2,953)	29	\$ -
Total Black Butte D&R	\$ 10,923	\$ 16,262	\$ (5,339)	284	
<b>Clear Creek Unit</b>					
Clear Creek CSD <sup>1/</sup>	\$ 499,077	\$ 707,029	\$ (207,952)	11,885	\$ -
<b>Contra Costa Canal</b>					
Contra Costa WD <sup>1/</sup>	\$ 24,130,709	\$ 24,327,070	\$ (196,361)	704,939	\$ -
<b>Cow Creek Unit</b>					
Bella Vista WD <sup>1/</sup>	\$ 1,710,993	\$ 1,945,193	\$ (234,201)	30,488	\$ -
<b>Cross Valley Canal</b>					
County of Fresno <sup>1/</sup>	\$ 14,078	\$ 26,257	\$ (12,179)	626	\$ -
County of Tulare	\$ 47,483	\$ 30,318	\$ 17,165	1,397	\$ 12.29
Total Cross Valley Canal	\$ 61,560	\$ 56,575	\$ 4,985	2,023	

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<b><u>Delta-Mendota Canal</u></b>					
Byron Bethany ID	\$ 234,106	\$ 227,894	\$ 6,212	6,560	\$ 0.95
City of Tracy	\$ 4,592,922	\$ 4,564,700	\$ 28,222	55,214	\$ 0.51
Del Puerto WD <sup>1/</sup>	\$ 4,056	\$ 5,206	\$ (1,150)	39	\$ -
Department of VA	\$ 53,251	\$ 45,984	\$ 7,266	2,164	\$ 3.36
Panoche WD <sup>1/</sup>	\$ 8,627	\$ 12,863	\$ (4,236)	170	\$ -
San Luis WD <sup>1/</sup>	\$ 40,602	\$ 93,412	\$ (52,810)	442	\$ -
Total Delta-Mendota Canal	\$ 4,933,564	\$ 4,950,059	\$ (16,496)	64,589	
<b><u>Folsom D&amp;R</u></b>					
City of Folsom	\$ 264,108	\$ 65,157	\$ 198,951	39,289	\$ 5.06
City of Roseville <sup>1/</sup>	\$ 4,040,312	\$ 4,667,687	\$ (627,375)	167,831	\$ -
El Dorado ID - FD&R <sup>1/</sup>	\$ 982,935	\$ 1,051,238	\$ (68,303)	30,641	\$ -
Placer County WA <sup>3/</sup>	\$ 220,087	\$ 183,769	\$ 36,318	36,378	\$ -
Sacramento County WA	\$ 423,637	\$ 379,820	\$ 43,817	26,842	\$ 1.63
San Juan WD <sup>1/</sup>	\$ 883,446	\$ 1,145,785	\$ (262,340)	7,709	\$ -
Total Folsom D&R	\$ 6,814,525	\$ 7,493,457	\$ (678,932)	308,690	
<b><u>Folsom-South Canal</u></b>					
East Bay MUD	\$ 5,451,608	\$ 2,394,189	\$ 3,057,419	67,728	\$ 45.14
Sacramento Cty WA - FSC	\$ 338,009	\$ 185,946	\$ 152,064	31,184	\$ 4.88
Sacramento MUD	\$ 4,003,382	\$ 2,564,265	\$ 1,439,116	56,513	\$ 25.47
Total Folsom-South Canal	\$ 9,792,999	\$ 5,144,400	\$ 4,648,599	155,425	

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<b><u>Friant Dam</u></b>					
County of Madera	\$ 20,331	\$ 20,128	\$ 203	501	\$ 0.41
Fresno County WW#18 <sup>2/</sup>	\$ 30,915	\$ 65,078	\$ (34,163)	731	N/A
Total Friant Dam	\$ 51,246	\$ 85,206	\$ (33,960)	1,232	
<b><u>Friant-Kern Canal</u></b>					
Arvin-Edison WSD <sup>2/</sup>	\$ 216,232	\$ 567,156	\$ (350,924)	3,369	N/A
City of Fresno <sup>2/</sup>	\$ 16,436,630	\$ 21,385,091	\$ (4,948,461)	242,622	N/A
City of Lindsay <sup>1/</sup>	\$ 614,738	\$ 780,204	\$ (165,466)	10,933	\$ -
City of Orange Cove <sup>1/</sup>	\$ 399,803	\$ 516,952	\$ (117,149)	7,827	\$ -
Delano-Earlimart ID <sup>2/</sup>	\$ 48,347	\$ 34,792	\$ 13,555	1,528	N/A
Lindsay-Strathmore ID <sup>2/</sup>	\$ 119,807	\$ 65,349	\$ 54,458	3,950	N/A
Shafter-Wasco ID <sup>2/</sup>	\$ 100,147	\$ 150,417	\$ (50,270)	1,519	N/A
Terra Bella ID <sup>2/</sup>	\$ 289,270	\$ 362,028	\$ (72,758)	8,322	N/A
Total Friant-Kern Canal	\$ 18,224,975	\$ 23,861,989	\$ (5,637,013)	280,069	
<b><u>New Melones D &amp; R</u></b>					
Stockton-East WD	\$ 2,617,079	\$ 1,168,359	\$ 1,448,720	203,082	\$ 7.13
<b><u>Sacramento River</u></b>					
City of Redding - SR <sup>1/</sup>	\$ 595,431	\$ 669,902	\$ (74,471)	19,582	\$ -
City of West Sacramento <sup>1/</sup>	\$ 976,318	\$ 1,218,705	\$ (242,387)	43,019	\$ -
Lake California P.O.A. <sup>1/</sup>	\$ 33,771	\$ 36,973	\$ (3,203)	1,351	\$ -
Riverview Golf & CC <sup>1/</sup>	\$ 4,408	\$ 5,202	\$ (794)	130	\$ -
Total Sacramento River	\$ 1,609,927	\$ 1,930,782	\$ (320,855)	64,082	

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<b><u>San Felipe Unit</u></b>					
San Benito County WD <sup>1/</sup>	\$ 1,677,233	\$ 2,101,244	\$ (424,011)	29,109	\$ -
Santa Clara Valley WD	\$ 41,385,841	\$ 38,192,580	\$ 3,193,261	619,946	\$ 5.15
Total San Felipe Unit	\$ 43,063,075	\$ 40,293,824	\$ 2,769,250	649,055	
<b><u>San Luis Canal - Fresno</u></b>					
City of Avenal	\$ 965,512	\$ 497,035	\$ 468,477	16,219	\$ 28.89
City of Coalinga	\$ 2,639,766	\$ 1,609,145	\$ 1,030,621	37,166	\$ 27.73
City of Huron	\$ 428,168	\$ 360,033	\$ 68,135	6,376	\$ 10.69
State of CA <sup>1/</sup>	\$ 2,775	\$ 3,817	\$ (1,041)	34	\$ -
Westlands WD	\$ 2,407,370	\$ 2,121,150	\$ 286,220	19,551	\$ 14.64
Total San Luis Canal - Fresno	\$ 6,443,591	\$ 4,591,180	\$ 1,852,411	79,345	
<b><u>San Luis Canal - Tracy</u></b>					
Pacheco WD - SLC	\$ 4,684	\$ 3,133	\$ 1,550	30	\$ 51.44
Panoche WD - SLC	\$ 22,706	\$ 18,821	\$ 3,885	566	\$ 6.86
San Luis WD - SLC	\$ 468,536	\$ 408,369	\$ 60,167	3,164	\$ 19.02
Total San Luis Canal - Tracy	\$ 495,925	\$ 430,324	\$ 65,602	3,760	
<b><u>Shasta D&amp;R</u></b>					
Centerville CSD	\$ 125,414	\$ 82,954	\$ 42,460	4,516	\$ 9.40
Mountain Gate CSD	\$ 112,079	\$ 109,409	\$ 2,669	4,031	\$ 0.66
Shasta CWA	\$ 28,794	\$ 25,493	\$ 3,301	891	\$ 3.71
Total Shasta D&R	\$ 266,287	\$ 217,856	\$ 48,430	9,437	

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<b><u>Spring Creek Conduit</u></b>					
City of Redding - SCC	\$ 577,525	\$ 507,358	\$ 70,167	34,641	\$ 2.03
Shasta CWA - SCC	\$ 23,673	\$ 20,688	\$ 2,984	848	\$ 3.52
Shasta CSD <sup>1/</sup>	\$ 95,636	\$ 103,028	\$ (7,392)	2,764	\$ -
Total Spring Creek Conduit	\$ 696,834	\$ 631,075	\$ 65,759	38,252	
<b><u>Tehama-Colusa Canal</u></b>					
Colusa County WD	\$ 70,102	\$ 36,198	\$ 33,904	986	\$ 34.37
Kanawha WD	\$ 1,976	\$ 1,264	\$ 712	91	\$ 7.79
Total Tehama-Colusa Canal	\$ 72,079	\$ 37,462	\$ 34,617	1,078	
<b><u>Toyon Pipeline</u></b>					
City of Redding - TP <sup>1/</sup>	\$ 30,620	\$ 229,325	\$ (198,706)	152	\$ -
City of Shasta Lake <sup>1/</sup>	\$ 1,112,683	\$ 1,507,206	\$ (394,524)	8,071	\$ -
US Forest Service <sup>1/</sup>	\$ 1,735	\$ 4,962	\$ (3,226)	7	\$ -
Total Toyon Pipeline	\$ 1,145,038	\$ 1,741,494	\$ (596,456)	8,230	
Total	\$ 122,640,405	\$ 119,629,596	\$ 3,010,809	2,615,946	

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**FOOTNOTES:**

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- 1/ Contractor has satisfied their obligation of allocated construction costs as of 9/30/2018.
- 2/ Contractor has entered into a 9(d) repayment contract for construction repayment.
- 3/ Placer County Water Agency's construction component of rate is being reduced to zero to reflect the credit that is available to them regarding their funding of the American River Pumping Station Project.