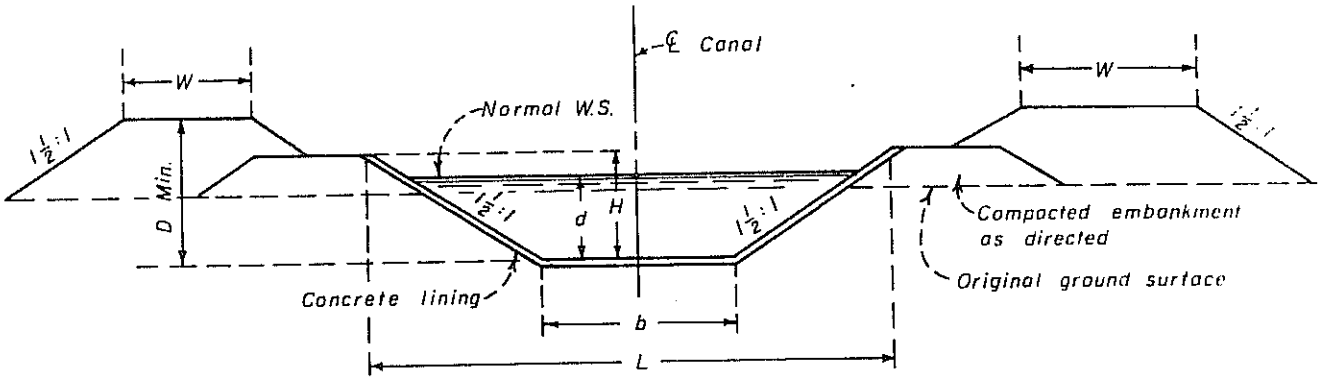
Milepost
at
Structure Sites

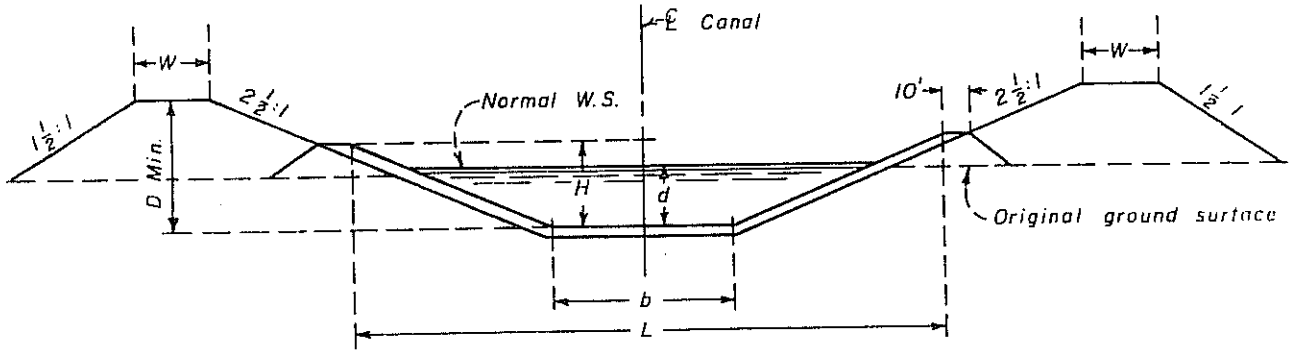
DELTA - MENDOTA CANAL

DECEMBER 1985

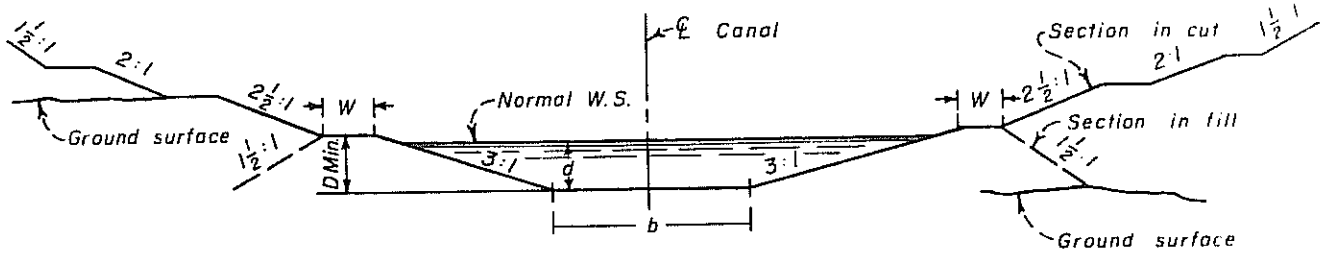
DELTA-MENDOTA CANAL



TYPICAL LINED SECTION



TYPICAL EARTH LINED SECTION



TYPICAL EARTH SECTION

To get on the Westside Freeway (Interstate 580 and Interstate 5) from the Tracy Pumping Plant, take Kelso east to Mountain House south and west to Highway 50 east to Freeway.

Check	Milepost	Route to DMC Checks from Tracy Pumping Plant
1	11.35	Freeway to Patterson Pass north to Schulte east to Canal Milepost 10.28 turn downstream
2	16.19	Freeway to Corral Hollow Road north to Canal Milepost 14.80 turn downstream
3	20.62	Freeway to Modesto Highway 132 or Chrisman Road turnoff east on Highway 132 to Bird Road north to Canal Milepost 21.49 turn upstream
4	24.42	Freeway to Modesto Highway 132 or Chrisman Road turnoff east on Highway 132 to Koste Road south to Canal Milepost 24.48 turn upstream
5	29.82	Freeway to Westley turnoff north on McCraken to Canal Milepost 29.93 turn upstream
6	34.41 (Westley W.W. 34.32)	Freeway to Westley turnoff east on Howard to Canal Milepost 32.61 turn downstream
7	38.67	Freeway to Patterson turnoff north on Sperry to Rogers north to Canal Milepost 39.81 turn upstream
8	44.26	Freeway to Crows Landing turnoff east on Fink to Davis north to Canal Milepost 45.77 turn upstream
9	48.61	Freeway to Crows Landing turnoff east on Fink to Bell south to Stimba Road west to Canal Milepost 48.38 turn downstream
10	54.39 (Newman W.W. 54.38)	Freeway to Newman turnoff east on Orestimba to Canal Milepost 52.01 turn downstream
11	58.28	Freeway to Gustine turnoff east on Sullivan to Canal Milepost 57.95 turn downstream
12	63.98	Freeway to Gustine turnoff east on Sullivan to Orchard south to Cottonwood west to Canal Milepost 62.09 turn downstream
13	70.01 (Volta W.W. 69.98)	Freeway to Highway 33 turnoff north on Highway 33 to Canal Milepost 71.31 turn upstream
14	74.40	Freeway to Highway 152 east on Highway 152 to Moraga north to Canal Milepost 74.77 turn upstream

214-208-5233
2/6/89

DELTA-MENDOTA CANAL

EARTH SECTIONS

SEC. NO.	Mi.	To	Mi.	A	V	Q	r	n	s	d	ss	H	B
1	0.19		0.85	2037.90	2.257	4600	10.71	.025	.00005	14.27	3:1		50
2a.d	0.87		2.57	1957.19	2.350	4600	11.36	.025	.00005	16.81	3:1		33

CONCRETE LINED SECTIONS

SEC. NO.	Mi.	To	Mi.	A	V	Q	r	n	s	d	ss	H	B
3	3.50		13.66	1206.20	3.814	4600	11.20	.014	.00005	16.56	1½:1	19.58	48
4	13.70		20.61	1186.80	3.790	4498	11.09	.014	.00005	16.36	1½:1	19.37	48
5	20.60		34.41	1167.40	3.768	4399	10.99	.014	00005	16.16	1½:1	19.17	48
6	34.45		54.40	1148.20	3.744	4299	10.88	.014	.00005	15.96	1½:1	18.96	48
7A	54.44		69.00	1129.05	3.719	4199	10.77	.014	.00005	15.76	1½:1	18.75	48
7B	69.00		69.25	1129.05	3.719	4199	10.77	.014	.00005	15.76	1½:1	19.25	48
7C	69.25		69.99	1129.05	3.719	4199	10.77	.014	.00005	15.76	1½:1	19.00	48
8	70.04		85.08	989.50	3.538	3501	9.95	.014	.00005	14.26	1½:1	15.75	48
9	85.11		98.62	868.70	3.510	3400	9.83	.014	.00005	14.03	1½:1	15.54	48

EARTH LINED SECTIONS

SEC. NO.	Mi.	To	Mi.	A	V	Q	r	n	s	d	ss	H	B
10	98.64		111.55	1345.00	2.410	3310	9.83	.021	.00005	13.90	2½:1	15.40	62
11	111.55		114.05			3310		.021	.00005	13.88	2½:1	15.40	64
12	114.05		116.61	1311.00	2.400	3211	9.74	.021	.00005	13.86	2½:1	15.40	60

SPECIFICATIONS

SPEC#	Mi.	To	Mi.
1810	0.19	–	3.50
1435	3.50	–	13.66
2197	13.66	–	27.00
1183	27.00	–	39.88
2460	39.88	–	54.43
2649	54.43	–	70.04
2732	70.04	–	90.54
2799	90.54	–	98.64
2857	98.64	–	116.59

This Dwg. Replaces
Dwg's 214-208-4126, 4127

Dwg. No. 214-208-5023

REV. FEB. 1969
JANUARY 1967

DELTA-MENDOTA CANAL - INVERT ELEVATIONS

KILOMETER	MILEPOST	INVERT GRADE
.31	0.14	- 14.29
10.0	6.2	177.12
20.0	12.43	175.30
30.0	18.64	173.15
40.0	24.85	171.37
50.0	31.07	167.73
60.50	37.59	166.98
70.0	43.49	166.41
80.5	50.02	164.69
90.3	56.11	162.86
100.0	62.14	160.89
110.0	68.35	159.34
120.0	74.56	158.71
130.0	80.78	156.62
140.0	86.99	155.20
150.0	93.20	153.57
160.0	99.42	152.09
170.0	105.63	150.44
180.0	111.84	148.44
187.5	116.50	146.84

January 1978

MILEPOST
AT
STRUCTURE SITES
DELTA-MENDOTA CANAL

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
LR-4+69.4	0.09	Fish Collecting Facilities Begin right abutment wall, trash removal equipment			0.14
10+00	0.19	Begin earth section NO. 1	Q+4600	Earth	.31
13+35	0.25	End Louver Section			.40
LR-16+63.37 Bk. = L-16+16.37 Ah. (Equation)					
17+32	0.33 DMC (3-3)	Bridge, County Telephone Conduit u/s Side	28" 2-1/2"	Timber and Concrete Steel Pipe	.53
		Gasline Crossing on d/s/ Side (Stan.Pac)	8"	Steel Pipe	
	0.34	Power Line	32'-0"	69 KV	
19+95	0.38	Drain Inlet (Lt)	24'	Concrete Pipe w/Flap Gate	.61
19+95	0.38	Drain Inlet Pump (Lt)	10"	Steel Pipe	
	0.58	Power Line	55'-5"	Two Each 115 KV	
45+00	0.85	End Earth Section No. 1	Q=4600	Earth	1.36
46+00	0.87	Begin Earth Section No. 2	Q=4600	Earth	1.40
50+25	0.95	Drain Inlet (Lt)	24"	Concrete Pipe w/Flap Gate	1.53
55+20	1.05	Turnout Pump (Rt)	20"	Steel Pipe	1.69
70+20	1.33	Drain Inlet (Rt)	8"	CMP	2.14

REVISED: NOV. 22 1985
PLANNING DIV. T.E.TAVARES

214-208-1505 - Rev.

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
72+35	1.37	Drain Inlet (Lt)	24"	Concrete Pipe	2.20
72+37	1.36 DMC (3-5)	Culvert Inlet Headwall (Byron-Bethany Rd.) (S.P.R.R.) Safety Float Boom	3-13'6"x20'x0" Bbls.	Concrete	2.19
	1.36	Chain Link Fence			
72+95.5		S.P.R.R.		1 track	
	1.39	New 12" oil Line	12"	Steel Pipe	
73+30	1.39	Oil Line Crossing (Getty Oil Co.)	8"	Steel Pipe	2.24
73+36	1.39	Oil Line Crossing (Getty Oil Co.)	8"	Steel Pipe	2.24
74.02	1.40	Oil Line Crossing (Std. Oil Co.)	8"	Steel Pipe	2.25
74+05	1.40	Gasline Crossing (P.G.&E. Co.)	8"	Steel Pipe	2.25
74+32	1.41 DMC (3-9)	Culvert Outlet Headwall	3-13'6"x20'0" Bbls.	Concrete Box	2.27
	1.41	CVP Signs (Lt) (Rt)			
	1.41	Chain Link Fence			
74+32±	1.41	PT&T Buried Cable Crossing			2.27
75+67	1.44	Drain Inlets (Lt & Rt)	24"	Concrete Pipe	2.32
86+00	1.63	Shoulder Drain Inlet (Lt)	8"	CMP	2.62
100+00	1.89	Shoulder Drain Inlets (Lt & Rt)	24"	Concrete Pipe	3.04
	1.94	Shoulder Drain Inlet (Lt)	12"	Concrete Pipe	3.12

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
	1.95	Shoulder Drain Inlet (Lt)	1'0"x1'0"	Wooden Box	3.14
	1.96	Shoulder Drain Inlet (Lt)	1'0"x1'0"	Wooden Box	3.15
	1.97	Shoulder Drain Inlet (Lt)	1'0"x1'0"	Wooden Box	3.17
	1.99	Shoulder			3.20
	2.07	Shoulder Drain Inlet (Lt)	12"	Concrete Pipe	3.33
	2.08	Shoulder Drain Inlet (Lt)	24"	CMP	3.34
125+20	2.37	Shoulder Drain Inlets (Lt & Rt)	30"	Concrete Pipe	3.81
	2.38	Power Line	56'-0"	Two each 115 KV	
130+14	2.47	Shoulder Drain Inlets (Lt & Rt)	30"	Concrete Pipe	3.97
132+24	2.52	Inlet Transition End of Earth Section No. 2	Q=4600	Earth	4.05
-133+75 DMC (3-11)	2.53	Tracy Pumping Plant (Centerline of units)	6-800± cfs Min Outpost	Centrifugal	4.07
135+41.23	2.59	Begin Discharge Pipes	3-15'0" dia. Bbls.	Steel & Concrete	4.17
140+43	2.66	Conduit Manhole			
	2.66	Power Line	44'-5"	69 KV	
140+68	2.66	B.M.-Brass Cap El. 64.48		Brass	4.28

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
	2.68	Power Line	39'-0"	12 KV	
141+25 DMC	2.68 (3-12)	Road Crossing, County (Kelso Rd.)		Asphalt	4.31
	2.68	Phone Line	21-0"		
141+70	2.69	Cattle Guard			4.33
142+68	2.70	Oil Line Crossing Buried (Shell Oil Co.)	12"	Steel Pipe	4.34
154+08	2.92	Irrigation Pipe Crossing under Discharge Pipes	36"	Concrete Pipe	4.70
164+64	3.12	End Steel Pipe Begin Concrete Lines	3-15'0" dia. Bbls.	Monolith Concrete Pipe	5.02
166+71 DMC	3.16 (3-13)	Lateral Crossing over Discharge Pipes w/12' Bridge, Timber Operating	16' Top Width 4' bottom Width	Concrete Lined	5.08
	3.19	Phone Line	19'-0"		
168+10	3.19	Cattle Guard			5.13
175+27 DMC	3.32 (3-13)	Lateral Crossing over Discharge pipes w/12' Bridge, Timber Operating	10' top width 1'6" bottom Width	Concrete Lined	5.34
175+75	3.33	Culvert under Operating Road	12"	CMP	5.36
	3.49	Phone Line	18'		
184+01	3.49	Siphon Breaker House			5.62
	3.49	Power Line	23'-6"	12 KV	

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
184+95	3.50	Cattle Guard (Lt)			5.63
185+00	3.50	Begin Lined Section No. 3 Salinity Recorder	Q=4600		
186+44	3.53	Gasoline Crossing (Stan. Pac. Pipeline)	26"	Steel Pipe	5.68
	3.53	Oil Line Crossing (Std. Oil Co.) On Steel Piers	18"	Steel Pipe	
187+00	3.54	Turnout (Rt) (South Bay Aqueduct- State of California) (Abandoned)	2-54"	Concrete Pipe	5.69
190+17±	3.60	Marker			5.79
193+34	3.65 DMC (3-17)	Gage House (Lt)	36"	Concrete	5.87
199+60	3.78	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	6.08
209+11	3.96	Shoulder Drain Inlet (Lt)	10"	CMP	6.37
209+15	3.96	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	6.37
219+68.98 Bk. = 218+00 Ah. (Equation)					
	4.16	Phone Line	30'		
218+00	4.16	Drain Inlet (Rt)	10"	CMP	6.69
218+50	4.17	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	6.71
221+00	4.22	Turnout (Lt) (Inactive)	18"	Concrete Pipe	6.79
	4.25	Power Line	53'-0"	230 KV	
225+00	4.29	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	6.90
229+50	4.38	Cattle Guard (Lt)			7.05

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
L-231+80	4.41 DMC (3.20)	Siphon Inlet Headwall Transition (Mt. House Rd.) Safety Float Boom	1-24'3" Bbl.	Concrete	7.09
	4.41	Chainlink Fence			
234+84	4.49	Begin Underdrain	8"	Concrete Pipe	7.22
235+19	4.49	Culvert under Operating Road	62"	Steel Pipe	7.22
235+43	4.49	Blowoff Box Mt. House Siphon	4'6"x6'0"	Concrete w/12" Discharge Pipe	7.22
239+14	4.58	End Underdrain	8"	Concrete Pipe	7.37
239+20	4.58	Farm Road Crossing			7.38
	4.58	Phone Line	21'-0"		
241+90	4.63 DMC (3-20)	Siphon Outlet Headwall (Mt. House Rd.)	1-24'3" Bb.	Concrete	7.45
		Powerline	26'-0"	12 KV	
250+20	4.76	Shoulder Drain Inlet (Lt)	10"	CMP	7.66
250+30	4.77	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	7.67
260+60	4.97	Drain Inlet (rt)	2'6"x2'6"	Concrete Box	8.00
	4.97	Cattle Guards u/s		w/Flap Gate	
261+25	4.98 DMC (3-21)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons Measuring Site	16'	Timber	8.01
	4.98	Cattle Guard u/s-d/s (Lt)			
261+75	4.99	Shoulder Drain Inlet (Rt)	8"	Concrete Pipe	8.03
269+00	5.13	Telephone Line 2 wire (Stan. Pac.)	30'-0"		8.25

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
270+00	5.15	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	8.29
278+00	5.30	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	8.53
286+00	5.45	Turnout (Lt) (Inactive)	15"	Concrete Pipe	8.77
294+00	5.60	Begin Underdrain (Lt & Rt) Begin Reinforced Concrete Lining	6"	Concrete Pipe	9.01
297+90	5.67 DMC (3-23)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	9.12
		Cattle Guard u/s-d/s (Lt)			
303+15	5.77	Drain Culvert under Canal (Mt. House Creek) Meas. Weir (Lt & Rt)	3-5'0"x5'0" Bbls.	Concrete Box	9.28
304+04.5	5.79	End Underdrain (Rt)	6"	Concrete Pipe	9.32
304+15	5.79	End Reinforced			9.32
304+48.5	5.80	End Underdrain (Lt)	6"	Concrete Pipe	9.33
315+85	6.01	Shoulder Drain Inlet (Lt)	6"	Transite Pipe	9.67
316+10	6.01	Shoulder Drain Inlet (Rt)	12"	Concrete Pipe	9.67
330+00	6.27	Turnout (Lt) (Inactive)	15"	Concrete Pipe	10.09
334+50	6.36	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	10.23
346+72	6.59	Drain Inlet (Rt)	18"	CMP	10.60

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
347+07	6.60 DMC (3-27)	Bridge, County (Grant Line Rd. - Old Hwy. 50) CVP Sign u/s (Lt), d/s (Rt) USBR O&M	26'	Concrete	10.62
347+42	6.60	Drain Inlet (Rt)	18"	CMP	10.62
350+80 Bk. = 351+00 Ah. (Equation)					
354+90	6.74	Shoulder Drain Inlet (Lt)	12"	CMP	10.85
355+18	6.75	Cable Crossing under Canal (Transcontinental Cable)		Conduit	10.86
L-355+40	6.75	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	10.86
366+00	6.95 DMC (3-27)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	11.18
368+28	7.00	Culvert Crossing	3'0"x3'0" Bbl.	Concrete Box	11.26
373+00	7.10	Turnout (Lt) (Inactive)	15"	Concrete Pipe	11.43
381+50	7.25 DMC (3-28)	Overchute	5'0"x4'6"	Concrete	11.66
383+61	7.29	Shoulder Drain Inlet (Rt)	10"	CMP	11.73
386+64	7.34	Alameda-San Joaquin County Line			11.81
395+00	7.50	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	12.07
403+50	7.66	Shoulder Drain Inlet (Rt)	8"	CMP	12.33
403+75	7.67	Underpass	12'0"x14'5"	Concrete	12.34
	7.67	Road Culvert u/s	24"	CMP	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
403+92	7.67 DMC (3-29)	Bridge, State (U.S. Hwy. 50) (State Route 205)	Freeway	Concrete	12.34
404+00	7.67	Drain Inlet (Rt)	8"	CMP	12.34
404+98	7.69	Drain Inlet (Rt)	12"	Concrete Pipe	12.37
411+00	7.81	Turnout (Lt) (Inactive)	15"	Concrete Pipe	12.57
422+00	8.01	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	12.89
	8.01	Power Line	62'-0"	230 KV	
433+00	8.21	Shoulder Drain Inlet (Lt)	8"	CMP	13.21
441+00	8.37	Drain Inlet (Rt)	2'6''x2'6"	Concrete Box	13.47
447+02	8.49	Culvert Crossing	2-5'0"x5'0" Bbls.	Concrete Box	13.66
448+00	8.51	Turnout (Lt) (West Side I.D.)	4'0"x5'0" Bbl.	Concrete Box	13.69
448+50	8.52	Turnout, Pump (Lt) (Plainview W.D.)	15"	Concrete Box	13.71
458+92	8.71	Turnout, Gravity-Pump (Lt.)(Plainview W.D.) (Lat. 8.7)	30"	Concrete Pipe	14.02
463+67	8.80 DMC (3-32)	Gas Pipeline Crossing on Steel Piers (P.G.&E.)	22-1/2"	Steel Pipe	14.16
469+50	8.91	Shoulder Drain Inlet (Lt)	15"	Concrete Pipe	14.34
470+00	8.92	Shoulder Drain Inlet (Rt)	15"	Concrete Pipe	14.35

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
476+34	9.04	Shoulder Drain Inlet (Lt)	6"	Transite Pipe	
477+95	9.07	U.S.G.S. Gaging Station Acoustic Velocity Meter Installation (Rt)			14.59
487+42	9.26	Shoulder Drain Inlet (Rt)	8"	CMP	14.90
	9.27	Drain Inlet	8"	Steel	
489+00	9.29	Turnout, Pump (Rt) (Plainview W.D.) (Lat. 9.3)	15"	Concrete Pipe	14.95
	9.29	Power Line	25'-0"	12 KV	
489+30	9.29	Shoulder Drain Inlet (Rt)	12"	Concrete Pipe	14.95
	9.29	Power Line	40'-0"	150 KV	
489+35	9.29 DMC (3-34)	Bridge, County (Patterson Pass Rd.)	24'	Concrete	14.95
	9.29	Phone Line	16'-0"		
489+40	9.29	Shoulder Drain Inlet (Rt)	10"	CMP	14.95
	9.29	Power Line		230 KV	
495+00	9.40	Turnout (Lt) (Plainview W.D.) (Inactive)	18"	Concrete Pipe	15.13
L-497+00	9.43	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box s/Flap Gate	15.17
515+99.31 Bk. = 570+00 Ah. (Equation)					
571+20	9.82	Culvert Crossing	3'6"x3'6" Bbl.	Concrete Box	15.80

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
573+00	9.85	Turnout (Lt) (Inactive) (Plainview W.D.) Modified	18"	Concrete Pipe	15.85
574+00	9.87 DMC (3-37)	Bridge, Farm (E) Rehabilitated 1965 Load Limit 15 tons Cattle Guard u/s-d/s (Lt)	16'	Timber	15.88
581+20	10.09L	Turnout (Plainview W.D.)			16.24
	10.27	Safety Float Lines u/s			
585+41	10.28 DMC (3-37)	Bridge, County (Schulte Road) Telephone Conduit on u/s side of bridge	24'	Concrete	16.54
585+41	10.28	Conduit crossing PT&T			16.54
609+00	10.53	Turnout, Gravity-Pump (Lt) Modified (Plainview W.D.) (Lat. 10.5)	18"	Concrete Pipe	16.94
610+00	10.55	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	16.98
613+17	10.61	Turnout, Pump (Rt) (Plainview W.D. 2 Pumps Installed	18"	Concrete Pipe	17.07
	10.61	Safety Float Lines			
613+29	10.62 DMC (3-38)	Bridge, County (Hansen Road)	24'	Concrete	17.09
	10.62	Phone Line	17'-0"		
	10.62	Power Line	33.5'	12 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
622+00	10.78	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	17.35
	10.86	Safety Float Lines			
626+00	10.86 DMC (3-38)	Overchute	10'0"x5'0"	Concrete	17.48
626+75	10.87	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	17.49
635+50	11.04	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	17.77
L-648+50	11.28	Turnout (Lt) Modified (Plainview W.D.) (Lat. 11.3)	18"	Concrete Pipe	18.15
650+85	11.32	Stilling Well (Lt)	42"	Concrete Pipe	18.22
	11.33	Safety Float Lines			
652+00	11.34	Check No. 1 Begin Transition		Concrete Structure	18.25
	11.34	Chain Link Fence			
652+65	11.35 DMC (3-40)	Check No. 1 Check Station Bldg. (Lt)	3-20'0"x17'0"	Radial Gate	18.26
653+80	11.37	Check No. 1 End Transition		Concrete Structure	18.29
653+95	11.38	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	18.31
655+00	11.41	Stilling Well (Lt)	42"	Concrete Pipe	18.36
L-657+66	11.45	Turnout Pump-Gravity (Lt) (Plainview W.D.) (Lat. 11.5)	30"	Concrete Pipe	18.43

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
	11.49	Phone Line	26'-5"		
659+40	11.49	Shoulder Drain Inlet (Rt)	10"	CMP	18.49
	11.49	Safety Float Line u/s			
650+72 DMC (3-40)	11.49	Culvert Inlet Headwall (S.P.R.R.)	3-16'0"x16'0" 60' Bbls	Concrete	18.49
	11.49	Chain Link Fence			
659+95.67	11.50	S.P.R.R.	Single Track		18.51
	11.50	Phone Line	19'-0"		
660+32	11.51	Culvert Outlet Headwall	3-16'0"x16'0" 60' Bbls	concrete	18.52
	11.51	Chain Link Fence			
660+60	11.51	Shoulder Drain Inlet (Lt)	10"	CMP	18.52
661+47	11.53	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	18.55
673+00	11.74	Shoulder Drain Inlet (Lt)	6"	Transite Pipe	18.89
L-674+50	11.77	Shoulder Drain Inlet (Rt)	6"	Transite Pipe	18.94
	11.87	Safety Floatline			
680+00 DMC (3-41)	11.88	Overchute	7'0"x4'6"	Concrete	19.12
680+00	11.88	Drain Inlet Rt.	12"	Steel	19.12
690+18	12.07	Turnout, Pump (Rt) (Plainview W.D.) (Lat. 12.1)	21"	Concrete Pipe	19.42
	12.09	Power Line	36'-0"	115 KV	
	12.09	Power Line	37'-0"	115 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
691+00	12.09	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	19.45
702+95	12.31 DMC (3-44)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	19.81
704+00	12.33	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	19.84
706+00	12.37	Turnout (Lt) Modified (Plainview W.D.) (Lat. 12.4)	15"	Concrete Pipe	19.91
723+80	12.71	Culvert Crossing	3'6"x3'6" Bbls.	Concrete Box	20.45
744+05	13.09	Gasline (underground)		Steel	21.06
	13.24	Safety Float Line			
752+35	13.25	Shoulder Drain Inlet (Rt)	10"	CMP	21.32
	13.25	Power Line	36'-0"	12 KV	
752+60	13.25 DMC (3-47)	Bridge, County (Lammers Rd.)	24'	Concrete	21.32
		Pipeline Crossing u/s side of Bridge	3"	Steel Pipe	
		Life Ring Shelter d/s (Lt)			
	13.25	Phone Line	20'-0"		
752+85	13.25	Shoulder Drain Inlet (Rt)	10"	CMP	21.32
752+93	13.25	Turnout, Pump (Rt) (Plainview W.D.) (Lat. 13.2)	12"	Concrete Pipe	21.32
752+93+	13.25	Aerial Communication Facilities			21.32

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
L-753+10	13.26	Turnout (Lt) (Plainview W.D.) Inactive	18"	Concrete Pipe	21.34
753+50	13.27	Turnout (Lt) (Plainview W.D. (Lat. 13.3)	30" 10"	Concrete Pipe Cement Asbestos	21.35
763+00	13.45	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	21.64
760+00	13.57	Turnout (Lt) Modified (Plainview W.D.) (Lat. 13.6)	24"/18" Insert	Concrete Pipe	21.84
	13.65	Safety Float Line			
L-774+06	13.66	End Lined Section 3	Q=4600	Concrete	21.98
	13.66	Phone Line	25'-0"		
774+66	13.67	Culvert Inlet Headwall (W.P.R.R.)	3-16'0"x16'0" Bbls.	Concrete	22.00
		Chain Link Fence			
775+00.87	13.68	W.P.R.R.	Single Track		22.01
775+33	13.69	Culvert over Culvert Barrel	4'0"x3'0" Bbl.	Concrete Box	22.03
775+36	13.69 DMC (3-48)	Culvert Outlet Headwall	3-16'0"x16'0" Bbls.	Concrete	22.03
775+90	13.69	Shoulder Drain Inlet (Rt)	8"	Concrete Pipe	22.03
776+06	13.70	Begin Lined Section No. 4	Q=4498	Concrete	22.05
789+75	13.96	Shoulder Drain Inlet (Rt)	8"	CMP	22.46

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
	13.96	Power Line	30'-0"	12 KV	
790+00	13.96 DMC (3-49)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber w/Modified Railings	22.46
		Pipeline Crossing u/s Side of Bridge	3"	Steel Pipe	
		Cattle Guards u/s-d/s (Lt)			
790+25	13.97	Turnout, Pump (Rt) (Plainview W.D.) (Lat 14.0)	24"	Concrete Pipe	22.48
798+00	14.12	Turnout (Lt) Modified (Plainview W.D.) (Pumping Plant 14.1)	15"	Concrete Pipe	22.72
802+00	14.19	Drain Inlet (Rt)	3'0"x2'6"	Concrete Box	22.83
817+93	14.49 DMC (3-51)	Oil Line Crossing (Std. Oil Co.)	18"	Steel Pipe	23.32
		Gasline Crossing (Stan. Pac. Co.) On Steel Piers)	26"	Steel Pipe	
833+35 (gravity)	14.79	Turnout (Lt) (West Side I.D.)	30"	Concrete Pipe	23.80
833+50	14.79	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	23.80
833+87	14.80 DMC (3-54)	Bridge, County (Corral Hollow Rd.)	24'	Concrete	23.82
		Power Conduit u/s Side of Bridge	2-1/2"	Steel Pipe	
		Gasline d/s Side of Bridge	6"	Steel Pipe	
834+30	14.80	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	23.82

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
	14.80	Safety Float Line			
834+60	14.81	Turnout, Pump-Gravity (Lt) (Plainview W.D.) (Lat. 14.8)	21"	Concrete Pipe	23.83
836+50	14.85	Storage Tank Lt.			23.90
841+22.73 Bk. = 842+00 Ah. (Equation)					
850+25	15.09	Shoulder Drain Inlet (Rt)	10"	CMP	24.28
850+74	15.10 DMC (3-55)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	18'	Timber	24.30
		Pipeline Crossing	12-3/4"	Steel Pipe	
		Conduit Crossing d/s Side of Bridge	1"	Steel Pipe	
L-850+78	15.10	Turnout, Pump (Rt) (Plainview W.D.) (Lat. 15.1)	18"	Concrete Pipe	24.30
	15.11	Power Line	29'-0"	12 KV	
872+00	15.50	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	24.94
	15.85	Drain Pipe - lt.	10"	CMP	
877+12.49 Bk. = 880+00 Ah. (Equation)					
	15.85	City of Tracy Turnout & Building (Lt)	3"		
895+27.04 Bk. = 885+00 Ah. (Equation)					
	15.85	Chain Link Fence			
898+50	16.14	Turnout, Gravity-Pump (Lt) Modified (Plainview W.D.) (Lat. 16.1)	18"	Concrete Pipe	25.97

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
899+25	16.15	Stilling Well (Lt)	42"	Concrete Pipe	26.00
899+90	16.16	Shoulder Drain Inlet (Rt)	10'	CMP	26.01
900+65	16.19 DMC (3-58)	Check No. 2 Begin Transition Safety Float Boom		Concrete Structure	26.05
901+05	16.19 DMC (3-58)	Check No. 2 Check Station Bldg. (Lt)	3-20'0"x17'0"	Radial Gate	26.05
	16.19	Power Line	35'-0"	12 KV	
901+65	16.20 DMC (3-58)	Check No. 2 End Transition		Concrete Structure	26.07
	16.20	Phone Line	26'-5"		
901+65	16.20 DMC (3-58)	Culvert Inlet Headwall Tracy Blvd. & W.P.R.R.)	4-12'0"x16'0" 240' Bbls.	Concrete	26.07
	16.24	Power Line	25'-0"	12 KV	
904+05	16.25 DMC (3-58)	Culvert Outlet Headwall (Tracy Blvd. & W.P.R.R.)	4-12'0"x16'0" 120' Bbls		26.15
L-904+05	16.25	Begin Flum - Chain Link Fence	51'6"x18'0"	Concrete	26.15
	16.25	Phone Line	18'-5"		
907+15	16.31 DMC (3-58)	End Flume - Chain Link Fence	51'6"x18'0"	Concrete	26.25
907+15	16.31 DMC (3-58)	Siphon Inlet Headwall Corral Hollow Creek	4-12'0"x16'0" Bbls.	Concrete	26.25
	16.31	Chain Link Fence			
908+15	16.34 DMC (3-58)	Siphon Outlet Headwall	4-12'0"x16'0" Bbls.	Concrete	26.29
		Chain Link Fence			

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
911+05	16.39	Stilling Well (Rt)	42"	Concrete Pipe	26.38
913+00	16.42	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	26.42
924+66	16.64	Turnout, Pump (Rt) (Plainview W.D.) (Lat. 16.7)	15"	Concrete Pipe	26.78
925+00	16.65 DMC (3-59)	Bridge, Operating Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	26.79
926+50	16.67	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	26.83
L-932+22	16.78 DMC (3-59)	Oil Line Crossing (Std. Oil Co.)	18"	Steel Pipe	27.00
		Gasline Crossing (Stan.Pac.Co.)	26'		
932+61±	16.78	12-KV Transmission Line	39'-0"	12 KV	27.00
933+06	16.80	Turnout, Pump (Lt) (Plainview W.D.) (Lat. 16.8)	15"	Concrete Pipe	27.04
933+06±	16.80	PG&E Pole Line			
949+50	17.10	Shoulder (Drain Inlet (Lt)	8"	CMP	27.52
L-955+50 Bk.	17.22	Drain Inlet (Rt)	5'0"x2'6"	Concrete Box w/Flap Gate	27.71
955+50 Bk.	17.22	Turnout (Lt) (Plainview W.D.) (Lat. 17.2)	18"	Concrete Pipe	27.71
955+99.54 Bk. = 954+10.00 Ah. (Equation)					
	17.22	Safety Float Line			
954+14 Ah.	17.23 DMC (3-63)	Bridge, County Durham Ferry Rd.	20'	Concrete	27.73

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
954+14±	17.23	Pole, 12-KV Elec.	37'-5"	12 KV	27.73
968+00	17.50	Drain Inlet (Rt)	3-30"	Concrete Pipe w/Flap Gate	28.16
973+00	17.59	Turnout (Lt) Modified (Plainview W.D.) (Lat. 17.6)	15"	Concrete Pipe	28.31
982+00	17.76	Drain Inlet (Rt)	2-30'	Concrete Pipe w/Flap Gate	28.58
	17.77	Power Line	34'-0"	12 KV	
982+51	17.77	Turnout, Pump (Rt) (Plainview W.D.) (Lat. 17.8)	18"	Concrete Pipe	28.59
	18.04	Power Line	38'-0"	12 KV	
996+94	18.05 DMC (3.65)	Bridge, County (McArthur Rd.) Safety Float Line u/s	20'	Concrete	29.05
		Pipeline Crossing (Hospital W.D.) d/s Side of Bridge	10"	Steel Pipe	
997+25	18.05 DMC (3-65)	Turnout, Siphon (Lt) (Hospital W.D.)	24"	Steel Pipe over Lining	29.05
997+47	18.06	Drain Inlet (Rt)	12"	Concrete Pipe	29.06
997+50	18.06	Turnout, Pump-Gravity (Lt) (Hospital W.D.)	15"	Concrete Pipe	29.06
L-1019+48	18.47 DMC (3-67)	Oil Line Crossing (Std. Oil Co.)	18"	Steel Pipe	29.72
		Gasline Crossing (Stan. Pac. Co.) On Steel Piers	26"	Steel Pipe	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
	18.58	Safety Float Line u/s			
1025+68	18.59 DMC (3-67)	Overchute	6'0"x4'8"	Concrete	29.92
1025+75	18.59	Drain Inlet (Rt)	12"/10"	Steel Concrete Pipe Insert	29.92
1026+18	18.60	Turnout, Pump-Gravity (Lt) (Hospital W.D.)	18"	Concrete Pipe	29.93
1034+12.40 Bk. = 1030+00 Ah. (Equation)					
L-1031+00	18.77	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	30.21
1038+00	18.90	Turnout (Lt) Modified (Plainview W.D.) (Lat. 18.9)	15"	Concrete Pipe	30.41
1049+20	19.11	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	30.75
	19.16	Safety Float Line			
1052+30	19.17 DMC (3-68)	Bridge, County (Chrisman Rd.)	40'	Concrete	30.85
	19.18	Phone Line	18'		
1052+83	19.18	Turnout (Lt) (Hospital W.D.)	30"	Concrete Pipe	30.87
	19.18	Power Line	35'-0"	12 KV	
1064+00	19.39	Turnout (Lt) (Plainview W.D.) (Lat. 19.39) Gravity	15"	Concrete Pipe	31.20

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
L-1064+50	19.40	Turnout, Pump (Rt) (Plainview W.D.) (Lat. 19.4)	18"	Concrete Pipe	31.22
1074+25	19.59	Drain Inlet (Rt)	3-30"	Concrete Pipe	31.53
1088+20	19.85	Drain Inlet (Rt)	3-30"	Concrete Pipe w/Flap Gate	31.94
1096+00	20.00	Turnout (Lt) Modified (Plainview W.D.) (Lat. 20.0)	15"	Concrete Pipe	32.17
	20.20	Drain Inlet	8"	Plastic Pipe	
1115+50	20.37	Drain Inlet (Rt)	24'	Concrete Pipe w/Flap Gate	32.78
1118+40	20.42	Turnout (Lt) (Banta-Carbona I.D.)	2-4'1"x4'0" Bbls.	Concrete Box	32.86
1127+00	20.59	Turnout (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	33.13
1127+55	20.60	Stilling Well (Lt)	42"	Concrete Pipe	33.15
1128.+70	20.62	End Lined Section No. 4	Q=4498	Concrete	33.18
1128+70	20.62 DMC (3-73)	Begin Transition Check No. 3		Concrete Structure	33.18
	20.62	Safety Float Lines			
1129+35	20.63	Check No. 3 Check Station Bldg. (Lt)	3-20'0"x17'0"	Radial Gate	33.20
1130+50	20.65	End Transition Check No. 3		Concrete Structure	33.23
1130+50	20.66	Begin Lined Section No. 5	Q=4399	Concrete	33.25

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1132+35	20.69	Stilling Well (Lt)	42"	Concrete Pipe	33.29
1133+25	20.70	Drain Inlet, Pump (Rt)	6"	Steel Pipe	33.31
	20.70	Power Line Crossing	30'-5"	12 KV	
1133+75	20.71	Drain Inlet (Rt)	3-30"	Concrete Pipe w/Flap Gate	33.33
L-1141+00	20.85	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	33.55
1146+85	20.96 DMC (3-73)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	33.73
	20.97	Power Line Crossing	30'-0"	12 KV	
1146+15	20.97	Turnout, Pump (Rt) (Plainview W.D.)	18"	Transite Pipe	33.74
		(Hospital W.D.)	14"	Steel Pipe	
	21.90	Drain Inlet	10"	Plastic Pipe	
1154+99	21.12	Turnout, Pump (Rt) (Hospital W.D.)	15"	Concrete Pipe	33.99
1155+50	21.13 DMC (3-74)	Irrigation Pipe Crossing on Concrete Piers (J.F. Traina)	16"	Steel Pipe	34.00
1155+50±	21.13	12-KV Transmission Line	31'-5"	12 KV	
1160+50	21.22	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	34.15
1162+00	21.25	Turnout, Pump-Gravity (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	34.19
	21.48	Safety Float Lines			

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1174+52	21.49 DMC (3-77)	Bridge, County (Bird Road)	20'	Concrete	34.58
	21.49	Phone Line	15'-5"		
	21.49	CVP Signs u/s (Lt)-d/s (Rt)			
	21.49	Power Line	35'	12 KV	
1183+00	21.65	Turnout (Lt) (Hospital W.D.)	15"	Concrete Pipe	34.84
1195+00	21.87	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	35.19
	21.90	Safety Float Lines u/s			
1197+00	21.91 DMC (3-78)	Overchute	13'6"x4'6"	Concrete	35.26
1199+00	21.95	Drain Inlet (Rt)	18"	Concrete Pipe	35.32
1211+75	22.19	Begin Relocation			35.71
	22.19	Power Line Crossing	42'-5"	12 KV	
1212+00	22.20	Turnout (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	35.73
1215+00	22.26	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	35.82
1220+90	22.37 DMC (3-79)	Bridge, State Hwy. 132 (Vernalis Rd.) Centerline for 2 Bridges	50'	Concrete	36.00
1225+12	22.45	Shoulder Drain Inlet (Rt)	8"	CMP	36.13
1226+80	22.48	Shoulder Drain Inlet (Lt)	8"	CMP	36.18
1227+80	22.50	Turnout, Pump (Rt) (Hospital W.D.)	18"	Concrete Pipe	36.21
	22.51	Drain Inlet	10"	Plastic Pipe	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1229+90	22.54	Shoulder Drain Inlet (Rt)	8"	CMP	36.27
1231+50	22.57	Shoulder Drain Inlet (Lt)	8"	CMP	36.32
1233+15	22.60	Shoulder Drain Inlet (Rt)	8"	CMP	36.37
1237+00	22.67	Bridge Approach to South Lane State Highway 5 - from State Highway 132	26'	Concrete	36.48
1237+85	22.67	Shoulder Drain Inlet (Rt)	8"	CMP	36.48
1239+37	22.70	Bridge C_L State Highway 5 South Lane	50'	Concrete	36.53
1240+57	22.73	Bridge C_L State Highway 5 - North Lane	50'	Concrete	36.58
1240+68	22.73	Shoulder Drain Inlet (Lt)	8"	CMP	36.58
1240+80	22.73	Bridge, Approach to State Highway 132 East Lane from State Highway 5	26'	Concrete	36.58
1241+12.39 Bk = Existing Station 1239+01.04 AHD (Equation)				End Relocation	
	22.72	Drain Inlet	10"	Plastic Pipe	
1242+00	22.75	Irrigation Pipe Cross-ing on Steel Piers (Logan)	16"	Steel Pipe	36.61
	22.75	Phone Line	18'-5"		
1242+70	22.78	Turnout, Farm-Pump (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	36.66
	22.75	Power Line	42'-0"	12 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1252+80	22.80	Shoulder Drain Inlet (Lt)	10"	CMP	36.69
1259+00	23.09	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	37.16
L-1250+50	23.12	Drain Inlet, Abandoned			37.21
L-1268+37.31 Bk. = DMC 489+00 Ah. (Equation)					
489+00	23.26	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	37.43
494+35	23.36 DMC (3-82)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	37.59
		Gasoline Crossing (Std. Oil Co.) d/s side of Bridge	6"	Steel Pipe	
	23.41	Power Line Crossing	34'-5"	12 KV	
	23.41	Power Line	33'-0"	12 KV	
497+00	23.41	Turnout (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	37.67
513+00	23.72	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	38.17
515+22	23.76 DMC (3-83)	Gasline Crossing on Steel Piers (PG&E)	16"	Steel Pipe	38.24
518+00	23.81	Turnout, Gravity-Pump (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	38.32

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
524+92	23.94	Turnout, Pump (Rt) (Hospital W.D.)	18"	Concrete Pipe	38.53
	23.94	Power Line	40'-0"	12 KV	
525+70	23.95 DMC (3-87)	Siphon Inlet Headwall (Hetch Hetchy) Safety Float Boom	3-16'0"x16'0" 125' Bbls.	Concrete	38.54
	23.97	Power Line Crossing	38'-5"	230 KV	
526+84	23.97	Aqueduct Crossing (Hetch Hetchy)	2-60" Pipes		38.57
	23.97	Phone Line	21'-0"		
527+46	23.99	Road Crossing (Blewett Rd.)		Asphalt	38.61
	23.02	Power Line Crossing	31'-0"	12 KV	
527+85	24.01 DMC (3-87)	Siphon Outlet Headwell (Hetch Hetchy)	3-16'0"x16'0" Bbls.	Concrete	38.64
548+00	24.38	Turnout, Gravity-Pump (Lt) Modified (Hospital W.D.)	30"/24" Insert	Concrete Pipe	39.23
	24.39	Drain Inlet lt.	8"	Iron Pipe	
548+85	24.40	Stilling Well (Lt)	42"	Concrete Pipe	39.27
	24.40	Power Line Crossing	29'-0"	12 KV	
549+00	24.40	Drain Inlet (Rt) w/Pump	5'0"x2'6"	Concrete Box w/Flap Gate	39.27
550+00	24.42 DMC (3-88)	Begin Transition Check No. 4		Concrete Structure	39.30
	24.42	Safety Float Line			
550+65	24.43	Check No. 4 Check Station Bldg. (Lt)	3-20'0"x17'0"	Radial Gate	39.31

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
551+80	24.45	End Transition Check No. 4		Concrete Structure	39.35
	24.47	Safety Float Line			
553+35	24.48 DMC (3-88)	Bridge, County (Koster Rd.)	20'	Concrete	39.39
553+60	24.48	Stilling Well (Lt)	42"	Concrete Pipe	39.39
555+10	24.51	Storage Tank			39.44
563+60	24.67	Shoulder Drain Inlet (Rt)	10"	CMP	39.70
575+45	24.89	Shoulder Drain Inlet (Rt)	10"	CMP	40.05
	25.02	Power Line	40'-0"	12 KV	
582+35	25.02	Turnout, Pump (Lt) (Hospital W.D.)	15"	Concrete Pipe	40.26
582+38	25.02	Turnout, Pump (Rt) (Hospital W.D.)	18"	Concrete Pipe	40.26
582+90	25.03	Turnout, Pump (Rt) (Hospital W.D.) (Inactive)	14" 14"	Steel Pipe Steel Pipe	40.28
584+50	25.07	Shoulder	10"	CMP	40.34
585+41±	25.09	Conduits crossing	1-4"		40.38
585+90	25.10	Shoulder Drain Inlet (Lt)	10"	CMP	40.39
590+15	25.18	Turnout, Pump (Lt) (Hospital W.D.)	18"	Concrete Pipe	40.52
591+20	25.20 DMC (3-94)	Overchute (Hospital Creek)	10'0"x7'0"	Concrete	40.55

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
594+90	25.27	Shoulder Drain Inlet (Lt)	10"	CMP	40.67
600+20	25.37	Shoulder Drain Inlet (Rt)	10"	CMP	40.83
611+80	25.59	Shoulder Drain Inlet (Lt)	10"	CMP	41.18
612+50	15.61	Turnout, Pump (Rt) (Hospital W.D.) Inactive	18"	Concrete Pipe	41.21
613+36	15.62 DMC (3-94)	Overchute (Little Hospital Creek)	8'6"x6'1"	Concrete	41.23
	25.63	Drain Inlet Lt.	8"	Steel Pipe	
613+70	25.63	Turnout, Pump (Rt) (Hospital W.D.)	18" 8"	Concrete Pipe Steel	41.25
	25.63	power Line Crossing	38'-0"	12 KV	
614+70	25.65	Turnout, Pump (Lt) (Hospital W.D.)	24"	Concrete Pipe	41.28
615+70	25.67	Shoulder Drain Inlet (Lt)	10"	CMP	41.31
617+57	25.69	San Joaquin-Stanislaus County Line			41.34
619+70	25.75	Shoulder Drain Inlet (Rt)	10"	CMP	41.44
640+50	26.13	Shoulder Drain Inlet (Rt)	10"	CMP	42.05
643+00	26.18	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box	42.13
	26.20	Safety Float Line Crossing			
644+57	26.21 DMC (3-96)	Bridge, County Gaffery Rd.)	24'	Concrete	42.18
		Pipeline Crossing d/s Side of Bridge	6"	Steel Pipe	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
	26.21	Power Line Crossing	33'-0"	12 KV	
644+66	26.21	Turnout, Pump (Rt) (Hospital W.D.)	15"	Concrete Pipe	42.18
670+00	26.69	Drain Inlet (Rt)	3-30"	Concrete Pipe w/Flap Gate	42.95
680+73	26.89	Turnout, Pump (Rt) (Hospital W.D.)	15"	Concrete Pipe	43.27
682+58	26.93 DMC (3-98)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	43.34
683+50	26.95	Turnout (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	43.37
685+25.56 Bk. = 686+00 Ah. (Equation)					
698+01.34 Bk. = 698+00 Ah. (Equation)					
698+50	27.21	Drain Inlet (Rt) Drain Sump	5'0"x2'6"	Concrete Box w/Flap Gate	43.79
709+00	27.42	Turnout (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	44.13
718+00	27.59	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	44.40
729+50	27.80	Turnout, Pump (Rt) (Temporary) (Hospital W.D.)	14"	Steel Pipe over Lining	44.74
731+50	27.84	Turnout, Pump (Rt) (Hospital W.D.)	15"	Concrete Pipe	44.80
	28.04	Power Line crossing	40'-5"	12 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
742+00	28.04	Drain Inlet (Rt)	5'0"x2'6"	Concrete Box w/Flap Gate	45.12
750+00	28.19	Turnout, Gravity-Pump (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	45.36
754+00	28.27 DMC (3-102)	Shoulder Drain Inlet (Rt)	12"	CMP	45.49
	28.27	Safety Float Line Crossing			
754+19	28.27 DMC (3-102)	Bridge, County Welty Rd.)	24'	Concrete	45.49
768+00	28.53	Drain Inlet (Rt)	5'0"x2'6"	Concrete Box w/Flap Gate	45.91
781+00	28.78	Drain Inlet (Rt) w/pump	2'6"x2'6"	Concrete Box w/Flap Gate	46.31
	28.79	Power Line Crossing	24'.5"	12 KV	
787+00	28.89	Turnout, Gravity-Pump (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	46.49
790+50	28.96	Drain Inlet (Rt)	3'0"x2'6"	Concrete Box w/Flap Gate	46.60
802+50	29.19	Shoulder Drain Inlet (Rt)	8" 6"	Concrete Pipe Steel	46.97
	29.19	Power Line Crossing	35'-0"	12 KV	
802+55	29.19 DMC (3-104)	Bridge, County (Hamilton Rd.)	24'	Concrete	46.97
		Conduit Crossing Irrigation Crossing d/s Side of Bridge	1" 15"	Steel Pipe Steel Pipe	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
802+85	29.19	Shoulder Drain Inlet (Rt)	8"	Concrete Pipe	46.97
802+94	29.19	Turnout, Pump (Rt) (Hospital W.D.)	15"	Concrete Pipe	46.97
802+94	29.19	Turnout, Pump (Lt) (Hospital W.D.)	15"	Concrete Pipe	46.97
822+89.57 Bk. = 822+00 Ah. (Equation)					
822+00	29.56	Turnout, Gravity-Pump (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	47.57
	29.68	Power Line Crossing	37'-5"	12 KV	
828+00	29.69	Drain Inlet (Rt) w/pump	3'0"x2'6"	Concrete Box w/Flap Gate	48.21
833+85	29.79	Stilling Well (Lt)	42"	Concrete Pipe	47.94
	29.81	Safety Float Lines			
835+00	29.82 DMC (3-106	Begin Transition Check No. 5		Concrete Structure	47.99
835+65	29.82 DMC (3-106)	Check No. 5 Check Station Bldg. (Lt)	3-20'0"x17'0"	Radial Gate	47.99
836+80	29.85	End Transition Check No. 5		Concrete Structure	48.04
838+65	29.88	Stilling Well (Lt)	42"	Concrete Pipe	48.08
840+00	29.91	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	48.13
	29.93	Power Line	33'-5"	12 KV	
	29.93	Phone Line	17'-5"		
	29.93	Power Line	32'-0"	60 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
841+23	29.93 DMC (3-107)	Bridge, County McCracken Rd. Rebuilt FY 1965 by County	24'	Concrete	48.17
841+88	29.95	Turnout, Pump (Rt) (Hospital W.D.)	24"	Concrete Pipe	48.19
862+00	30.33	Turnout, Gravity-Pump (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	48.81
867+00	30.43	Turnout, Pump (Rt) Modified (Hospital W.D.)	24"	Concrete Pipe	48.97
	30.34	Drain Inlet Lt.	10"	Plastic	
867+28±	30.44	PG&E 12-KV Crossing	31'-0"	12 KV	48.99
877+92	30.63 DMC (3-110)	Culvert Crossing (Ingram Creek)	3-5'0"x5'0" Bbls.	Concrete Box	49.29
895+00	30.96	Turnout, Gravity-Pump (Lt) Modified (Hospital W.D.)	15"	Concrete Pipe	49.82
903+91	31.12 DMC (3-111)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	50.08
903+91±	31.12	PG&E Powerline	33'-0"	12 KV	50.08
913+50	31.31	Turnout, Pump-Gravity (Lt) (West Stanislaus & Kern Canon W.D.)	2-4'2"x5'0" Bbls.	Concrete Box	50.39
914+00	31.32	Drain Inlet (Rt) w/Pump	2'6"x2'6"	Concrete Box w/Flap Gate	50.40
	31.59	Power Line Crossing	29'-5"	12 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
928+38	31.59 DMC (3-113)	Bridge, Operating Rehabilitated 1965 Load Limit 15 Tons	20'	Timber	50.84
928+99	31.60	Turnout, Pump (Rt) (Kern Canon W.D.)	15"	Concrete Pipe	50.85
929+20	31.60	Turnout, Pump-Gravity (Lt) Modified (Kern Canon W.D.)	15"	Concrete Pipe	50.85
	31.61	Drain Inlet	10"	Plastic	
931+51	31.65	Irrigation Siphon Crossing under Canal (A&L Alves)	15"	Steel Pipe encased in Concrete	50.93
940+00	31.81	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	51.19
955+51	32.10 DMC (3-114)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	51.66
965+50	32.29	Drain Inlet (Rt)	5'0"x2'6"	Concrete Box w/Flap Gate	51.96
969+00	32.36	Turnout, Pump-Gravity (Lt) Modified (Kern Canon W.D.)	15"	Concrete Pipe	52.08
969+98	32.38	Turnout, Pump (Rt) Modified (Kern Canon W.D.)	15"	Concrete Pipe	52.11
	32.38	Power Line Crossing	22'-0"	240/480 volts	
	32.60	Safety Float Line			
982+32	32.61 DMC (3-115)	Bridge, County (Howard Rd.) (pipe on d/s side)	24' 4"	Concrete	52.48
	32.61	Power Line	34'-5"	12 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
982+60	32.61	Turnout, Pump (Rt) (Kern Canon W.D.)	18"	Concrete Pipe	52.48
		Phone Line	18'-5"		
982+72	32.61	Turnout, Pump (Rt) (Kern Canon W.D.)	18"	Concrete Pipe	52.48
994+00	32.83	Drain Inlet (Rt)	3'0"x2'6"	Concrete Box w/Flap Gate	52.83
1000+00	32.94	Turnout, Gravity-Pump (Lt) Modified (Kern Canon W.D.)	15"	Concrete Pipe	53.01
1005+05	33.07	Turnout, Pump (Rt) (Kern Canon W.D.)	15"	Concrete Pipe	53.22
1008+00	33.10	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	53.27
1018+27	33.29 DMC (3-119)	Bridge, Operating Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	53.57
1031+00	33.53	Drain Inlet (Rt)	5'0"x2'6"	Concrete Box w/Flap Gate	53.96
1040+30	33.71	Turnout. Gravity-Pump (Lt) Modified (Kern Canon W.D.)	15"	Concrete Pipe	54.25
1040+69	33.72	Irrigation Siphon Crossing under Canal (C. P. Arambel)	15"	Steel Pipe encased in concrete	54.26
		Phone Line	16'-5"		
1049+69±	33.88	12-KV Transmission Line	30'-5"	12 KV	54.52
1050+00	33.89	Drain Inlet (Rt)	2-4'0"x4'0"	Concrete Box	54.54

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1052+40	33.90	Turnout, Pump (Rt) (Kern Canon W.D.)	15"	Concrete Pipe	54.55
1054+75	33.98	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	54.68
1060+00	34.08	Turnout (LT) Modified (Kern Canon W.D.)	15"	Concrete Pipe	54.84
1061+00	34.10	Irrigation Siphon Crossing under Canal (Dewey Sutherland)	15"	Steel Pipe encased in concrete	54.88
1071+50	34.30	Drain Inlet (Rt)	5'0"x2'6"	Concrete Box w/Flap Gate	55.20
1071+81+	34.31	Transmission Line Turlock & Modesto I.D.	45'-5"	230 KV	55.21
1072+55	34.32 DMC (3-121)	Turnout (Lt) (Westley Wasteway)	2-20'0"x18'6"	Radial Gate	55.23
1074+00	34.35	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	55.28
	34.39	Power Line Crossing	36'-5"	12 KV	
1076+33	34.39 DMC (3-121)	Bridge, County (Needham Rd.) Rebuilt FY 65 by County	24'	Concrete	55.34
		Irrigation Pipe Crossing u/s Side of Bridge (D. Sutherland I&E Bays)	11-1/2	Steel Pipe	
1076+58	34.39	Stilling Well (Lt)	42"	Concrete Pipe	55.34
1077+50	34.41	End Lined Section No. 5	Q=4399	Concrete	55.38
	34.41	Safety Float Line Crossing			

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1077+50	34.41 DMC (3-122)	Begin Transition Check No. 6		Concrete Structure	55.38
1078+15	34.42	Check No. 6	3-20'x17"0"	Radial Gate	55.39
	DMC (1-22)	Check Station Bldg. (Lt)			
1079+30	34.45	End Transition Check No. 6		Concrete Structure	55.44
1079+30	34.45	Begin Lined Section No.6	Q=4299	Concrete	55.44
1081+15	34.47	Stilling Well (Lt)	42"	Concrete Pipe	55.47
1082+00	34.50	Drain Inlet (Rt)	2'6"x2"6"	Concrete Box w/Flap Gate	55.52
1085+00	34.55	Turnout (Lt) Modified (Kern Canon W.D.)	15"	Concrete Pipe	55.60
1089+42	34.63	Turnout, Pump (Rt) (Kern Canon W.D.)	15"	Concrete Pipe	55.73
1089+76	34.64	Irrigation Siphon Crossing under Canal (I&E Bays)	18"	Steel Pipe encased in Concrete	55.75
1096+00	34.76	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	
1102+78	34.89 DMC(3-123)	Bridge, Operating Rehabilitated 1965 Load Limit 15 Tons	20'	Timber	56.15
	35.03	Power Line Crossing	35'-0"	12 KV	
111+02	35.04	Turnout, Pump (Rt) (Kern Canon W.D.) (Inactive)	15"	Concrete Pipe	56.39
1111+46	35.05	Irrigation Siphon Crossing under Canal (C. Stark)	18"	Steel Pipe encased in concrete	56.40

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1114+00	35.10	Drain Inlet (RT)	2'6"x2'6"	Concrete Bos w/Flap Gate	56.49
1118+00	35.18	Turnout (Lt) Modified (Kern Canon W.D.)	15"	Concrete Pipe	56.61
1128+40	35.38	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	56.94
1129+24	35.39 DMC(3-124)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	30'	Timber	56.95
	35.71	Drain Inlet (Rt)	8"	Steel	
1146+50	35.72	Drain Inlet (Rt)	3'0"x2'6"	Concrete Box w/Flap Gate	57.48
1146+65	35.72	Drain Inlet (Rt) w/Pump	10"	Steel	57.48
	35.72	Power Line Crossing	28'-0"	12 KV	
1146+90	35.73	Irrigation Pipe Crossing over Canal on Steel Piers (Installed by C. Zacharias)	6"	Steel Pipe	57.50
1146+96	35.73	Turnout, Pump (RT) (Del Puerto W.D.)	15"	Concrete Pipe	57.50
	35.74	Drain Inlet	10"	Steel	
1162+00	36.01	Turnout, Gravity-Pump (Lt) Modified (Del Puerto W.D.)	15"	Concrete Pipe	57.95
1166+00	36.09	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	58.08

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1182+00	36.39	Turnout (Lt) Modified (Del Puerto W.D.)	15"	Concrete Pipe	58.56
	36.44	Power Line Crossing	31'-0"	12 KV	
1185+58	36.45	Turnout, Pump (Rt) (Del Puerto W. D.)	18"	Concrete Pipe	58.66
1189+00	36.52	Pump Drain Inlet (Rt)	12"	Steel Pipe	58.77
1190+20	36.55	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	58.82
1197+00	36.68	Turnout (Lt) Modified (Del Puerto W.D.)	24"/18" Insert	Concrete Pipe	59.03
1200+00	36.74	Begin Underdrain	6"	Concrete Pipe	59.12
1204+35 DMC(3-130)	36.81	Bridge, Operating Rehabilitated 1965 Load Limit 15 Tons	30'	Timber	59.24
1227+00 DMC(3-131)	37.24	End Underdrain	6"	Concrete Pipe	59.93
1227+85 DMC(3-131)	37.24	Siphon Inlet Headwall (Puerto Creek) (Zacharias Rd.) Safety Float Boom	3-16'0"x16'0' Bbls.	Concrete	59.93
1229+28 DMC(3-131)	37.28	Bridge, Operating (Puerto Creek)	16'	Concrete	60.00
1229+35 DMC (3-131)	37.28	Blowoff Box	4'0"x4'0" Discharge Pipe and Gate Valve	Concrete w/8"	60.00

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1230+15	37.31	Siphon Outlet Headwall	3'16'0"x16'0"	Concrete	60.04
	37.32	Power Line Crossing	37'-0"	12 KV	
1231+40 DMC (3-131)	37.34	Turnout, Gravity-Pump (Lt) (Del Puerto W.D.)	24"	Concrete Pipe	60.09
1231+50	37.34	Begin Underdrain	6"	Concrete Pipe	60.09
		Drain Inlet	16"	Steel Pipe	
1241+12.39 Bk. = 1239+01.04 Ah. (Equation)					
1245+00	37.58	Turnout, Gravity-Pump (Lt) Modified (Del Puerto W.D.)	18"	Concrete Pipe	60.48
1251+00	37.70	End Underdrain	6"	Concrete Pipe	60.67
1251+00	37.70	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	60.67
	38.11	Stairway for Fishing and Rail			
1273+00	38.11	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	61.33
	38.12	Stairway for Fishing			
	38.13	Power Line crossing	33'-0"	12 KV	
	33.12	Stairway for Fishing			
	38.13	Power Line Crossing	33'-0"	12 KV	
1274+30 DMC (3-133)	38.14	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	30'	Timber	61.38
1274+66	38.14	Turnout (Lt) (West Stanislaus I.D.)	36"	Fiberglass pipe	61.38

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1274+71	38.14	Turnout, Pump (Rt) (Del puerto W.D.)	15"	Concrete Pipe	61.38
1275+00	38.15	Turnout (Lt) Modified (Del Puerto W.D.)	15"	Concrete Pipe	61.39
1275+50	38.16	Safety Float Boom (Fishing Area)			61.41
1287+13.70 Bk. + 1287+00.00 Ah. (Equation)					
1287+40	38.39	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	61.78
1298+00	38.59	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	62.10
1300+85	38.64	Stilling Well (Lt)	42"	Concrete Pipe	62.18
1301+30	38.65	Safety Float Boom (Fishing Area)			62.20
1302+00	38.67	Begin Transition Check No. 7 Chain Link Fence		Concrete Structure	62.23
1302+65 DMC (3-135)	38.68	Check No. 7 Check Station Bldg. (Lt)	3-20'0"x17'0"	Radial Gate	67.25
1303+80	38.70	End Transition Check No. 7 Chain Link Fence		Concrete Structure	67.28
1305+65	38.74	Stilling Well (Lt)	42"	Concrete Pipe	62.34
1306+90	38.76	Life Ring Shelter (Lt) (Fishing Area)			62.38

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1309+00	38.80	Turnout (Lt) Modified (Del Puerto W.D.)	15"	Concrete Pipe	62.49
1315+00	38.91	Safety Float Boom (Fishing Area)			
1319+00	38.99	Drain Inlet	36"x36"	Concrete Box w/Flap Gate	62.75
1330+42	39.20	Turnout, Pump (Rt) (Del Puerto W.D.)	12"	Steel Pipe	63.08
	39.21	Power Line Crossing	32'-0"	12 KV	
1330+56	39.21	County Road Bridge (Rodgers Rd.)	30'-0"	Concrete	63.10
		Pipeline Crossing u/s Side of Bridge	8"	Steel Pipe	
	39.21	Phone Line	21'-0"		
1331+00	39.22	Turnout, Gravity Pump (Lt) Modified (Del Puerto W.D.)	15"	Concrete Pipe	63.12
1343+89	39.46	Culvert Crossing (Black Gulch)	5'0"x5'0" Bbl.	Concrete Box	63.50
1361+00	39.78	Turnout, Gravity-Pump (Lt) Modified (Del Puerto W.D.)	18"	Concrete Pipe	64.02
1362+20	39.81	Safety Float Boom (End Fishing Area)			
	39.81	Power Line	43'-0"	12 KV	
1362+42	39.81	Bridge, County (Sperry Road)	30'-0"	Concrete	64.07
		(Gasline Crossing (PG&E) d/s Side of Bridge	5"	Steel Pipe	
	39.81	Phone Line	30'-0"		

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1365+00	39.86	Drain Inlet (Rt)	3'0"x2'6"	Concrete w/Flap Gate	64.15
	40.00	Patterson O&M Storage Yard on Left of Left Canal Operating Road			64.37
1365+00±	40.00	Weed Oil Tank	3500 Gal.	64.37	
1391+74 DMC	40.37 (3-140)	Bridge, Operating Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	64.99
1392+82	40.39	Turnout Pump (Rt) (Del Puerto W.D.)	15"	Concrete Pipe	65.00
1395+90	40.45	Drain Inlet (Rt)	18"	CMP w/Flap Gate	65.09
1396+00	40.45	Turnout (Lt) Modified (Del Puerto W.D.)	15"	Concrete Pipe	65.09
1405+00 DMC	40.62 (3-140)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	65.37
	40.67	Power Line	32'-5"	12 KV	
1413+00.23 Bk. = 1413+00.00 Ah. (Equation)					
	40.67	Power Line	33'-0"	12 KV	
1413+00	40.77	Drain Inlet (Rt)	30'	CMP w/Flap Gate	65.61
1425+70	41.01	Drain Inlet (Rt)	24"	CMP w/Flap Gate	66.00
1427+00	41.03	Turnout, Gravity-Pump (Lt) Modified (Del Puerto W.D.)	15"	Concrete Pipe	66.03

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1433+50	41.35	Drain Inlet (Rt)	18"	CMP	66.54
1451+03 DMC (3-143)	41.49	Bridge, Farm (Lt) Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	66.77
1453+00	41.53	Turnout, Gravity-Pump (Lt) Modified (Del Puerto W.D.)	15"	Concrete Pipe	66.83
	41.53	Power Line	39'-0"	12 KV	
1453+00	41.53	Turnout, Pump (Rt) (Del Puerto W.D.)	10"	Steel Pipe Over lining	66.83
1462+50	41.71	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	67.12
	41.92	Safety Float Line			
1474+40 DMC (3-146)	41.93	Overchute (Salado Creek)	12'0"x7'0"	Concrete	67.48
1477+50	41.99	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	67.57
1482+00	42.08	Turnout, Gravity-Pump (Lt) Modified (Del Puerto W.D.)	18"	Concrete Pipe	67.72
	42.10	Power Line	29'-0"	12 KV	
1483+20	42.10	Turnout, Pump (Rt) (Salado W.D.)	18"	Concrete Pipe	67.75
1505+00	42.50	Turnout, Pump (Rt) (Salado W.D.)	15"	Concrete Pipe	63.39
1505+00	42.51	Turnout (Lt) (Patterson W.D. & Del Puerto W.D.)	2-4'2"x4'2" Bbls.	Concrete Box	68.41
1505+40	42.52	Drain Inlet (Rt)	12"	CMP	68.43
	42.53	Power Line	37'-5"	60 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1505+86 DMC	42.53 (3-147)	Bridge, County (Ward Avenue) Irrigation Pipe Crossing (C. Zacharias) d/s Side of Bridge	24' 16"	Concrete Steel Pipe	68.44
	42.53	Phone Line	25'-5"		
1514+00	42.68	Turnout, Gravity-Pump (Lt) Modified (Salado W.D.)	15"	Concrete Pipe	68.68
1525+75 DMC	42.90 (3-148)	Irrigation pipe Crossing Over Canal on Concrete Piers (C. Zacharias)	16"	Steel Pipe	69.04
1535+00	43.08	Drain Inlet (Rt) w/Pump	18"	Concrete Pipe w/Flap Gate	69.33
1540+40	43.22	Turnout (Lt) Modified (Salado W.D.)	24"	Concrete Pipe	69.55
	43.23	Safety Float Line			
1541+41 DMC	43.24 (3-149)	Bridge, County (Marshall Road) Irrigation Pipe Crossing u/s Side of Bridge	24' 16"	Concrete Steel Pipe	69.58
	43.24	Power Line Crossing	43'-0"	12 KV	
1541+90	43.24	Gasline Crossing, PG&E d/s side of bridge	12"	Steel Pipe	69.58
1542+00	43.24	No. 9 Drain Pump Inlet (Rt) (C. Zacharias) On Right-of-Way	10"	Fiberglass Pipe	69.58

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1542+50	43.26	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	70.37
1569+25	43.73	Turnout, Gravity-Pump (Lt) Modified (Salado W.D.)	24"/18" Insert	Concrete Pipe	70.37
1580+30	43.95	Microwave Sta. (Rt) (Union Oil Co.) On Right-of-Way			70.73
1593+50	44.19	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	71.11
1593+90	44.20	No. 10 Drain Pump (Rt) (Zacharias)	10"	Fiberglass	71.13
1595+32.47 Bk. = 1595+00 Ah. (Equation)					
1595+00	44.22	Turnout, Farm (Lt) Modified (Salado W.D. and Sunflower W.D.)	24"/18" Insert	Concrete Pipe	71.16
1595+94	44.24	Turnout, Pump (Rt) (Sunflower W.D.)	15"	Concrete Pipe	71.19
	44.22	Power Line Crossing	34'-0"	12 KV	
1596+00	44.24	Stilling Well (Lt)	42"	Concrete Pipe	71.19
1597+00 DMC (3-155)	44.26	Begin Transition Check No. 8		Concrete Structure	
1597+65	44.26	Check No. 8 Check Station Bldg. (Lt)	3-20'0"x17'0"	Radial Gate	
	44/26	Safety Float Line			
1598+80	44.29	End Transition Check No. 8		Concrete Structure	71.27

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1600+65	44.32	Stilling Well (Lt)	42"	Concrete Pipe	71.32
1610+00	44.53	Pump Drain Inlet (Rt) (McDonald Perez) On Right-of-Way	10"	Steel Pipe	71.66
1613+00	44.56	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	71.71
1622+01 DMC (3-155)	44.73	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	71.98
1641+67.32 Bk. = 1640+00.00 Ah. (Equation)					
1645+00	45.20	Turnout, Gravity-Pump (Lt) Modified (Salado I.D.)	15"	Concrete Pump	72.74
1647+50	45.25	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	72.82
1648+00	45.26	Pump Drain Inlet (Rt)	6"	Steel Pipe	72.84
1652+97	45.35	Turnout, Pump (Rt) (Sunflower W.D.)	15"	Concrete Pipe	72.98
1654+50	45.38	Turnout, Siphon (Lt) (Sunflower W.D.)	15"	Steel Pipe Over Lining	73.03
	45.38	Power Line Crossing	39'-0"	12 KV	
1657+00	45.43	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	73.11
1673+80	45.75	Culvert Crossing (Little Salado Creek)	2-5'0"x5'0" Blbs.	Concrete	73.62
	45.76	Safety Floatline			

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1675+17	45.77	Bridge, County (Davis Rd.)	24'	Concrete	73.66
		Pipeline Crossing (E&W Bacon & M. Burr) on u/s sSide	4"	Steel Pipe	
		Irrigation Pipe Crossing	16"	Steel Pipe	
		Conduit On d/s side	1"	Steel Pipe	
1675+75	45.78	Turnout, Pump (Rt) (Sunflower W.D.)	18"	Concrete Pipe	73.67
1675+16	45.79	Turnout, Pump (Rt) (Sunflower W.D.)	18"	Concrete Pipe	73.68
1683+00	45.92	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	73.90
1688+50	46.02	Turnout, Gravity-Pump (Lt) Modified (Salado I.D.)	15"	Concrete Pipe	74.06
1696+98 DMC (4-160)	46.17	Irrigation Pipe Crossing on Concrete Piers (E&W Bacon & M. Burr)	16"	Steel Pipe	74.30
1697+79	46.19	Turnout, Pump (Rt) (Sunflower W.D.)	15"	Concrete Pipe	74.33
1705+80	46.35	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	74.59
1706+06 DMC (4-160)	46.36	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber No Railings	74.61
		Pipeline Crossing on u/s Side (Cerutti Bros.)	8"	Steel Pipe	

1716+00.11 Bk. = 1716+00 Ah. (Equation)

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1720+00	46.62	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate	75.02
1731+25	46.83	Turnout, Gravity-Pump (Lt) Modified (Salado, Sunflower, Orestimba W.D.)	36" 1-24", 1-15" 1-18"	Concrete Pipe Division Box	75.36
1731+68 DMC (3-166)	46.84	Bridge, County (Fink Rd.)	24'	Concrete	75.38
		Gasline Crossing (PG&E u/s Side)	3"	Steel Pipe	75.38
		Pipeline Crossings on u/s Side	4",16"	Steel Pipe	
		Pipeline Crossings on d/s Side (Juan Perez & Perez Bros.)	2",12"	Steel Pipe	
		Conduit crossing on d/s side			
1745+00	47.09	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	75.78
	47.12	Power Line	42'-0"	12 KV	
1759+50	47.37	Turnout, Gravity-Pump (Lt) (Orestimba W.D.)	30"	Concrete Pipe	76.23
1759+62	47.37	Turnout, Pump (Rt) (Sunflower W.D.)	15"	Concrete Pipe	76.23
	47.38	Power Line	42'-5"	12 KV	
1759+88 DMC (3-166)	47.38	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	76.25
1768+00	47.53	Drain Inlet (Rt)	5'0"x2'6"	Concrete Box	76.49
1785+75	47.87	Turnout, Gravity-Pump (Lt) Modified (Orestimba W.D.)	18"	Concrete Pipe	77.04

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1786+15	47.88	Drain Inlet (Rt)	12"	CMP	77.05
1786+38	47.88 DMC (3-168)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	77.05
1786+60	47.88	Shoulder Drain Inlet (Rt)	12"	CMP	77.05
	47.89	Power Line Crossing	44'-0"	60 KV	
1786+70	47.89	Turnout, Pump (Rt) (Sunflower and Orestimba W.D.) Rehabilitated 1972	2'8"x3'0"	Concrete Pipe	77.07
	48.13	Power One	36'-0"	12 KV	
1799+62	48.13 DMC (3-169)	Overchute (Crow Creek) Drain pipe into Inlet Transition	14'0"x6'4"	Concrete	77.45
1800+00	48.14	Turnout (Lt) (Orestimba W.D.)	24'	Concrete Pipe	77.47
1812+25	48.37	Drain Inlet (Rt)	5'0"x2'6"	Concrete Box	77.84
	48.37	Safety Float Line			
1812+75	48.38 DMC (3-169)	Bridge, County (Diehl Rd.)	24'	Concrete	77.86
1824+00	48.59	Stilling Well (Lt)	42"	Concrete Pipe	78.19
1824+50	48.60	Turnout, Gravity-Pump (Lt) (Sunflower W.D. & Orestimba W.D.)	30"	Concrete Pipe w/Division Box at Outlet	78.21
	48.60	Safety Float Line			

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1825+00	48.61	Begin Transition Check No. 9		Concrete Structure	78.23
1825+65	48.62 DMC (3-170)	Check No. 9	3-20'0"x17'0"	Radial Gate	78.24
		Check Station Bldg. (Lt)			
		Irrigation Pipe Crossing on Check (Merle Crow yancey)	16"	Steel Pipe	
1826+80	48.64	End Transition Check No. 9		Concrete Structure	78.28
1829+30	48.69	Stilling Well (Lt)	42"	Concrete Pipe	78.35
	48.69	Power Line Crossing	33'-5"	12 KV	
1829+50	48.70	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	78.37
1843+48	48.96	Turnout, Pump (Rt) (Sunflower W.D.)	15"	Concrete Pipe	78.79
	48.97	Drain Inlet (Rt)	12'	Steel	
1856+00	49.20	Drain Inlet (Rt)	30"	Concrete Pipe w/Flap Gate	79.18
1868+50	49.43	Turnout, Gravity-Pump (Lt) Modified (Orestimba W.D.)	15"	Concrete Pipe	79.55
1868+60	49.43	Drain Inlet (Rt)	18"	CMP w/Flap Gate	79.55
1874+20	49.54	Shoulder Drain inlet (Rt)	2-1/2	Steel Pipe	79.72
	49.55	Power Line Crossing	34'-0"	12 KV	
1874+64	49.55 DMC (3-173)	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	79.74
		Pipe u/s Side of Bridge	2"		

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1875+40	49.56	Turnout, Pump (Rt) (Orestimba & Sunflower W.D.)	18"	Concrete Pipe	79.75
1876+00	49.58	Drain Inlet (Rt)	24"	CMP w/Flap Gate	79.79
1883+32	49.71	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	80.00
1889+00	49.82	Drain Inlet (rt)	18"	CMP	80.17
1890+25	49.84	Turnout (Lt) Modified (Orestimba W.D.)	24"	Concrete Pipe	80.21
1902+33.44 Bk. = 1905+00 Ah. (Equation)					
1911+75	50.20	Drain Inlet (Rt)	24"	CMP	80.78
1927+40	50.49	Culvert Crossing under Canal	4'6"x4'6"	Concrete Box	81.25
	50.49	Drain Inlet	6"	Rubber	
1229+00	50.53	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons Cattle Guards u/s-d/s (Lt)	16'	Timber	81.32
1929+25	50.53	Shoulder Drain Inlet (Rt)	6"	Steel Pipe	81.32
1935+75	50.66	Turnout (Lt) Modified (Orestimba W.D.)	24"	Concrete Pipe	81.53
1938+10	50.70	Turnout, Pump (Rt) (Sunflower W.D.) (Inactive)	30"	Concrete Pipe	81.59

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
1948+00	50.80	Begin Open Drain No. 2 (Rt)			81.75
1962+53.86 Bk. = 1963+00.00 Ah. (Equation)					
1964+55	51.18	Siphon Inlet Headwall (Orestimba Creek) Safety Float Boom	4-12'0"x16'0" Bbls.	Concrete	82.36
	51.20	Power Line Crossing	36'-0"	12 KV	
1966+08	51.21	County Road Crossing (Bell Rd.)			82.41
1967+00	51.23	Blowoff Box (Orestimba Creek)	4'0"x4'0"	Concrete Discharge Pipe and Gate Valve	82.44
1967+85	51.27 DMC (3-178)	Siphon Outlet Headwall	4-12'0"x16'0"	Concrete	82.51
1970+63	51.31	Culvert Crossing under Canal (Outlet for Orestimba Drains Nos. 1 and 2)	3'0"x2'6"	Concrete Box	82.57
	51.39	Safety Float Line Crossing			
1975+64	51.40 DMC (3-182)	Bridge, County (Stuhr Rd.)	24'	Concrete	82.72
		PT&T Cable Crossing			
		Pipe on d/s of bridge	2"		
1975+80	51.41	Turnout (Lt) Orestimba W.D.)	24"	Concrete Pipe	82.73
1988+50	51.65	Turnout (Lt) Modified (Foothill W.D.)	36"/24" Insert	Concrete Pipe	83.12
		Power Line Crossing	32'-0"	12 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2006+50	51.99	Begin Drain No. 1 (Rt)			83.67
	51.99	Safety Float Line			
2007+68	52.01	Bridge, County (Orestimba Rd.)	34'	Concrete	83.70
		Gasline Crossing (PG&E) u/s Side of Bridge	8"	Steel Pipe	
2008+33 DMC	52.02 (3-182)	Turnout, Pump (Rt) (Sunflower W.D.)		Concrete Pipe	83.71
2008+42±	52.04	3.5M Weed Oil Tank	3500 Gal.		83.75
2012+25	52.10	Storage			83.84
2016+00	52.18	Shoulder, Drain Inlet (Rt)	10"	CMP	83.97
2019+86	52.26	Gas Line Under Canal	8"	Steel	84.10
2028+25	52.40	Turnout (Lt) Modified (Foothill W.D.)	36"/18" Insert	Concrete Pipe	84.33
2028+25	52.40	Begin Installation of Seepage Valves (Rt)	2"		84.33
2031+03.83 Bk. = 2043+00 Ah. (Equation)					
2057+00	52.72	Drain Inlet (Rt)	24"	CMP w/FlapGate	84.84
2059+51.27 Bk. = 2062+00.00 Ah (Equation)					
2073+35	52.85	Drain Inlet (Rt)	18"	CMP	85.05

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2083+00	53.15	Drain Inlet (Rt)	18"	CMP	85.53
2086+01.54 Bk. = 2086+00.00 Ah. (Equation)					
2094+75	53.39	Drain Inlet (Rt)	18"	CMP	85.92
2095+75	53.41	Turnout (Lt) Modified (Foothill W.D.)	15"	Concrete Pipe	85.95
2096+86 DMC (3-186)	53.43	Bridge, County Shiell Rd.	24'	Concrete	85.98
	53.63	Power Line	25'-0"	12 KV	
2107+75	53.63	Drain Inlet (Rt)	18"	CMP	86.31
	53.63	Drain Inlet (Rt)	10"	Steel	
2108+00	53.64	Turnout, Pump (Rt) (Lt) (Foothill & Davis W.D.)	18"	Concrete Pipe	86.92
	53.98	Drain Inlet (Rt)	18	CMP	
2126+00	53.98	Drain Inlet (Rt)	18"	CMP	86.87
2127+50	54.01	Turnout Gravity-Pump (Lt) (Foothill & Davis W.D.)	24"	Concrete Pipe	86.92
2127+50	54.01	16 Seepage Valves installed in this area (Rt) (Modified 6-24-71)	2"		87.48
	54.01	Drain Inlet	18"	CMP	
	54.01	Turnout (Rt)	18"	Concrete Pipe	
2146+00	54.36	Drain Inlet (Rt)	18'	CMP	87.48
2147+00 DMC (3-189)	54.38	Turnout (Lt) (Newman Wasteway)	2-20'0"x18'6"	Radial Gate	87.51

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2147+35	54.39	Stilling Well (Lt)	42"	Concrete Pipe	87.53
2148+00	54.40	End Lined Section No. 6	Q=4299	Concrete	87.54
2148+00 DMC (3-189)	54.40	Begin Transition Check No. 10		Concrete Structure	87.54
	54.40	Safety Float Line			
2148+65	34.41	Check No. 10 Check Station Bldg. (Lt)	3-20'0"x17'0"	Radial Gate	87.56
2149+80	54.44	End Transition Check No. 10 Salinity Recorder		Concrete Structure	87.61
2149+80	54.44	Begin Lined Section No. 7A	Q=4199	Concrete	87.61
2152+30	54.49	Stilling Well (Lt)	42"	Concrete Pipe	87.69
2162+50	54.67	Drain Inlet (Rt)	18"	CMP	87.98
2164+00	54.70	Turnout, Pump (Lt) (Davis W. D.)	18"	Concrete Pipe	88.03
2167+04.59 Bk. = 2167+00 Ah. (Equation)					
2183+85	55.07	Drain Inlet (Rt)	18"	CMP	88.62
2190+00	55.19	Turnout (Lt) Modified (Davis W.D.)	18"	Concrete Pipe	88.82
2192+00	55.23	Culvert Crossing under Canal	4'0"x4'0" Bbl.	Concrete Box	88.88
2197+72	55.34	Turnout, Pump (Rt) (Davis W.D.)	18"	Concrete Pipe	89.06
	55.34	Power Line	25'-0"		
2206+00.52 Bk. = 2225+00 AH. (Equation)					

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2224+00	55.85	Turnout (Lt) Modified (Davis W.D.)	15"	Concrete Pipe	89.88
2244+00±	55.85	12-KV Pole Line Crossing	40'-5"	12 KV	
2247+65	55.92	Drain Inlet (Rt)	24"	Concrete Pipe	90.00
2248+50	55.95	Turnout, Pump (Rt) (Davis W.D.)	18"	Concrete Pipe	90.04
2253+00 DMC (3-195)	56.02	Bridge, Operating Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	90.15
2261+38	56.18	Culvert Crossing under Canal	3'0"x3'0" Bbl.	Concrete Box w/Screw Lift Metal Slide Gate (Rt)	90.41
		Test Pipe on Canal Lining	1"	Steel	
2261+55	56.18	Drain Inlet, Pump (Lt) (U.S.B.R.)	4"	Steel pipe	90.41
	56.58	Safety Float Line			
2283+62±	56.60	Buried Telephone Cable			
2283+62 DMC (3-197)	56.60	Bridge, County (Pete Miller Rd.)	24'	Concrete	91.08
		Pipe d/s of bridge	2"		
	56.60	Power Line	39'-0"	12 KV	
2290+77.52 Bk. = 2302+00.00 Ah. (Equation)					
2304+40	56.78	Culvert Crossing	4'6"x4'6" Bbls.	Concrete Box	91.37
2305+80	56.80	Turnout, Pump (Rt) (Mustang W.D.)	15"	Concrete Pipe	91.41

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2306+13	56.82	Turnout, Gravity-Pump (Lt) Modified (Davis W.D.)	15"	Concrete Pipe	91.44
2306+40	56.83	Turnout, Pump (Lt) (Mustang W.D.)	18"	Concrete Pipe	91.45
2308+00	56.85	Turnout (Lt) (Foothill W.D.)	18"	Concrete Pipe	91.49
		Pump (Foothill W.D.& Mustang W.D.)	12"	Steel Pipe	
2334+50	57.35	County Line (Stanislaus Co.-Nerced Co.)			
2340+00	57.46	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	92.47
2340+00	57.46	Turnout (Lt) (Foothill W.D.)	15"	Concrete Pipe	92.47
	57.46	Power Line Crossing	25'-0"	12 KV	
2354+18	57.73	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	92.90
	57.95	Power Line Crossing	30'-0"	12 KV	
	57.95	Safety Float Line			
2366+10 DMC (3-201)	57.95	Bridge, County (Sullivan Rd.)	24'	Concrete	93.26
		Gasline Crossing d/s Side of Bridge	6"	Steel Pipe	
	57.95	Drain Inlet	8"	Steel Pipe	
2366+35	57.95	Turnout, Pump (Rt) (Mustang W.D.)	24"	Concrete Box	93.32
	57.95	Phone	24'-0"		

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2368+30	57.99	Drain Inlet (Rt)	2'6"x2'6"	Concrete Box w/Flap Gate	93.32
2381+32	58.25	Stilling Well (Lt)	42"	Concrete Pipe	93.74
2381+95	58.26	Turnout, Pump (Lt) (Mustang W.D.)	18"	Concrete Pipe	93.76
2382+70	58.27	Turnout, (t) (Occidental, CCID)	36"	Concrete Pipe	93.77
	58.27	Power Line crossing	30'-5"	12 KV	
2383+25	58.28	Begin Transition Check No. 11 Safety Float Boom		Concrete Structure	93.79
2383+65 DMC	58.28 (3-202)	Check No. 11 Check Station Bldg. (Lt)	3-20'0"x17'0"	Radial Gate	93.79
		Wave Breakers		Concrete	
2383+99	58.29	End Transition Check No. 11		Concrete	93.80
	58.29	Power Line	31'-0"	60 KV	
	58.28	Phone Line	19'-0"		
2384+25	58.29	Siphon Inlet Headwall (Garzas Creek)	4-12'0"x16'0" Bbls.	Concrete	93.80
	58.30	Power Line	32'-0"	60 KV	
		Phone Line	26'-0"		
2386+53	58.35	Begin Installation of 170 Seepage Valves (Rt)	2"		93.90

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2389+70	58.40	Stilling Well (Lt)	42"	Concrete Pipe	93.98
	58.40	Safety Float Line			
2392+79	58.46	Bridge, County Gravel Pit Rd.	24"	Concrete	94.08
	58.46	Phone Line	24'-5"		
2407+17	58.73	Turnout, Pump (Rt) (Mustang W.D.)	24" 12"	Concrete Steel Pipe	94.51
	58.73	Power Line	36'-0"	12 KV	
2411+50	58.81	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	94.64
2415+90	58.89	Completed Installation of Seepage Valves			94.77
2416+00	58.90	Turnout, Gravity-Pump (Lt) (Mustang W.D.)	15"	Concrete Pipe	94.79
2419+84	58.98	Drain Inlet (Rt) (Abandoned)	14"	Steel Pipe	94.91
2435+00	59.26	Drain Inlet (Rt)	30"	Concrete Pipe w/Flap Gate	95.37
2447+88	59.50	Turnout, Pump (Rt) (Mustang W.D.) Rehabilitated 1972	2'8"x3'0"	Concrete Pipe	95.75
2448+00 DMC (3-205)	59.50	Irrigation Pipe Crossing on Concrete Piers (Simon Newman Co.)	16"	Steel Pipe	95.75
	59.53	Power Line	25'-0"	12 KV	
2449+48	59.53	Siphon Turnout (Lt) (Mustang W.D.) lined)	24"	Steel Pipe over lining (Mortar	95.80

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2465+00	59.83	Drain Inlet (Rt)	2-30"	Concrete Pipe w/Flap Gate	96.28
	60.05	Safety Float Line			
2477+17 DMC (3-207)	60.06	Bridge, County (Taglio Rd.)	24'	Concrete	96.65
	60.06	Power Line	26'-5"	12 KV	
2477+50	60.07	Drain Inlet (Rt) (Abandoned)	14"	Steel Pipe w/Flap Gate	96.67
2481+00	60.13	Drain Inlet (Rt) (Abandoned)	24"	Concrete Pipe w/Flap Gate	96.77
2497+50	60.44	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	97.27
2502+50	60.54	Turnout, Pump (Rt) (Mustang W.D.)	18"	Concrete Pipe	97.43
2508+46	60.65	Turnout (Lt) (CCID)	36"	Concrete Pipe	97.60
2529+65	61.05	Turnout (Lt)	15"	Concrete Pipe w/Flap Gate	98.25
2529+75	61.05	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	98.25
2530+22±	61.06	PT&T Buried Cable Crossing			98.26
	61.06	Power Line Crossing	25'-0"	12 KV	
	61.06	Safety Float Line Crossing			
2530+22 DMC (3-212)	61.06	Bridge, County (Snyder Rd.)	24'	Concrete	98.26
2542+00	61.28	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	98.62
2546+35.45 Bk. = 2549+00.00 Ah (Equation)					
	61.35	Power Line Crossing	26'-5"	12 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2549+25	61.37	Turnout, Pump (Rt) (Mustang W.D.)	18"	Concrete Pipe	98.76
2555+00	61.48	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	98.94
2574+00	61.84	Turnout (Lt) (Mustang W.D.)	15"	Concrete Pipe	99.52
2577+57.00 Bk. = 2579+00 Ah. (Equation)					
2579+25	61.91	Drain Inlet (Rt)	24"	CMP w/Flap Gate	99.63
2581+25	61.95	Storage Tank (Lt)	4000 Gal.	99.69	
2588+00	62.08	Drain Inlet (Rt)	18"	CMP	99.90
2588+12	62.08	Turnout, Pump (Rt) (Mustang W.D.)	18"	Concrete Pipe	99.90
2588+40 DMC (3-215)	62.09	Bridge, County (Cottonwood Rd.) Rehabilitated 1965 Load Limit 15 Tons	20'	Laminated Timber Deck	99.90
	62.10	Power Line Crossing	39'-0"	12 KV	
2589+50	62.11	Begin Slope (Finger) Drain (Rt)			99.95
	62.11	Drain Inlet	18"	CMP	
2596+58	62.26	Begin Slope (Finger) Drain (Lt)			100.19
2601+00	62.34	Berm Drain Manhole (Lt)	Std. 2596+00 to 2605+00		100.32
2605+67.02 Bk. - 2610+00 Ah. (Equation)					

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2619+00	62.58	Drain Inlet (Rt)	2-24"	Concrete	100.71
2623+50	62.67	Turnout, Gravity-Pump (Lt) (Mustang W.D.)	15"	Concrete Pipe	100.85
2632+00	62.83	Drain Inlet (Rt) Outlet from finger drain to Standpipe plugged-1972	24"	Concrete Pipe	101.11
2636+84.67 Bk. = 2637+00.00 Ah. (Equation)					
2640+25	62.98	Drain Inlet (Rt) w/Flapgate	18"	CMP	101.35
2640+26	62.98	Begin Installation of 27 Seepage Valves (Rt)	2"		101.35
2642+50	63.05	End Slope (Finger) Drains (Rt & Lt)			101.47
2646+20	63.10	Complete Installation of Seepage Valves	2"		101.55
2647+00	63.11	Drain Inlet (Rt)	18"	CMP w/Flap Gate	101.56
2659+00	63.34	Drain Inlet (Rt)	18"	CMP w/Flap Gate	101.93
1659+59.51 Bk. = 2660+Ah. (Equation)					
2669+50	63.53	Drain Inlet (Rt)	18"	CMP w/Flap Gate	102.24
2675+36	63.64	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate	102.41
2691+60	63.95	Stilling Well (Lt)	42"	Concrete Pipe	102.91
2692+00	63.96	Turnout (Lt) (Quinto W.D.) (Inactive)	15"	Concrete Pipe	102.93

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2692+50	63.97	Drain Inlet (Rt)	18"	CMP w/Flap Gate	102.95
	63,98	Safety Float Line			
2693+00	63.98	Begin Transition Check No. 12		Concrete Structure	102.96
2693+65 DMC (3-223)	63.99	Check No. 12 Check Station Bldg. (Lt)	3-20'0"x17'0"	Radial Gate	102.98
2694+80	64.02	End Transition Check No. 12		Concrete Structure	103.03
2697+30	64.06	Stilling Well (Lt)	42"	Concrete Pipe	103.09
2697+30	64.06	Recorder Station			103.09
	64.14	Power Line	30'-5"	12 KV	
2703+00	64.16	Drain Inlet (Rt)	18'	CMP	103.25
2709+35	64.28	Overchute	15'0"x6'0"	Concrete	103.44
2710+33 DMC (3-224)	64.30	Bridge County (Butts Rd.) Telephone Cable on d/s of Bridge	24' 2"	Concrete Steel Pipe	103.48
2710+85	64.32	Turnout Pump (Rt) (Quinto W.D.)	24"	Concrete Pipe	103.51
2710+90	64.32	Turnout, Pump (Lt) (Quinto W.D.)	24"	Concrete Pipe	103.51
2711+00	64.32	Drain Inlet (Rt)	30"	CMP	105.51
2717+50	64.44	Drain Inlet (Rt)	30"	CMP	103.70
2730+00	64.68	Drain Inlet (Rt)	24"	CMP	104.09

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2739+34	64.85	Turnout, Pump (Lt) (Quinto W.D.)	24"	Concrete Pipe	104.36
2765+50	65.35	Turnout (Lt) (Quinto W.D.)	18"	Concrete Pipe	105.17
	65.35	Power Line	30'-0"	12 KV	
2765+70.70 Bk. = 2774+35 Ah. (Equation)					
2774+50	65.36	Drain Inlet (Rt)	24"	CMP w/Flap Gate	105.18
2775+00	65.37	Turnout, Pump (Rt) (Quinto W.D.)	24"	Concrete Pipe	105.20
2775+35	65.38	Turnout, Pump (Rt) (Quinto W.D.) (Temporary)		Steel Pipe over Lining	105.22
2780+50	65.47	Drain Inlet (Rt)	24"	Concrete Pipe Flap Gate	105.36
2783+50	65.52	Turnout (Lt) (Quinto W.D.) (Inactive)	15"	Concrete Pipe	105.44
2802+98 DMC (3-230)	65.89	Bridges, State Interstate 5 West Side Freeway Load Limit H20-5-10-44	2-39'8" u/s clearance 15.2' d/s/clearance 14.4'	Concrete	106.04
2811+50	66.06	Turnout (Lt) (Quinto W.D.)	15"	Concrete Pipe	106.31
2812+00	66.07	Drain Inlet (Rt)	2-24"	Concrete Pipe w/Flap Gate	106.33
2819+00	66.20	16 Seepage Valves installed in this area	2"		106.53

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2819+10	66.20	Turnout Pump (Rt) (Centinella)	18"	Concrete Pipe	106.53
2844+50	66.68	Turnout Pump (Quinto)	18"	Concrete Pipe	107.31
	66.69	Safety Float Line			
2845+50 DMC (3-233)	66.70	Overchute (Romero Creek)	13'0"x5'9"	Concrete	107.34
2847+00	66.73	Turnout, Gravity-Pump (Lt) (Quinto W.D.)	15"	Concrete Pipe	107.39
2869+37	67.15	Drain Inlet (Rt)	24"	CMP	108.06
2869+53 DMC (3-234)	67.16	Bridge, Farm Rehabilitated 1965 Load Limit 15 Tons	16'	Timber	108.08
	67.16	power Line Crossing	35'-0"	60 KV	
2869+83	67.16	Turnout, Pump (Rt) (Quinto W.D.)	24" 20"	Concrete Pipe Steel	108.08
2891+50	67.55	Turnout, Gravity-Pump (Lt) (Quinto W.D.)	24"	Concrete Pipe	108.71
2895+82.30 Bk. = 2902+00.00 Ah. (Equation)					
2902+50	67.66	Drain Inlet (Rt) Almonds↑	5'0"x2'6"	Concrete Box w/Flap Gate	108.88
	68.03	Power Line Crossing	24'-0"	12 KV	
2922+13 DMC (3-236)	68.03	Bridge, County (McCabe Rd.) Rehabilitated 1965 Load Limit 15 Tons	24' 14"	Laminated Timber Deck w/Concrete Piers Steel Pipe	109.48

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2922+13	68.03	Turnout, Pump (Rt) (Romero W.D.)	18" 14'	Concrete Pipe Steel Pipe	109.48
2922+55	68.03	Turnout, Pump (Lt) (Romero W.D.)	30"	Concrete Pipe	109.48
2930+00	68.18	Drain Inlet (Rt)	3'0"x2'6"	Concrete Box	109.72
2950+38	68.57	Shoulder Drain Inlet (Rt)	10"	CMP	110.35
2951+04 DMC (3-238)	68.58	Gasline Crossing (Stan. Pac. Co.)	26"	Steel Pipe	110.36
		Oil Line Crossing (Std. Oil Co.) On Steel Piers	18"	Steel Pipe	110.38
2951+58	68.59	High-Pressure Oil Line Steel Suspension Crossing (Tidewater Oil Co.)	20"	Steel Pipe	110.38
	68.83	Turnout Pump (Rt)	14"	Steel Pipe	
2972+50	68.99	Drain Inlet (Rt)	18"	CMP w/Flap Gate	111.02
2976+36	69.06	End Lined Section 7A	Top of Lining Raised		111.14
2976+43.74 Bk. = 2973+00.00 Ah. (Equation)					
2973+05	69.06	Begin Lined Section 7B	Q=4199		111.14
2981+00	69.21	Turnout (Lt) Modified (San Luis W.D.)	24"/18"	Concrete Pipe	111.38
2983+28	69.25	Transition -Begin Forebay Canal Begin Lined Section 7C	Q=4199	Concrete	111.44

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
2985+99 DMC (3-240)	69.30	Centerline - Forebay Canal	74' Bottom Width	Concrete Lined	111.52
	69.30	Bridge on Forebay Canal			
2988+57	69.35	Transition - End Forebay Canal			111.60
2991+96	69.41	Begin Relocation			111.70
2998+00	69.52	Communication Cable (TOWMS) Pedestal (Rt)			
	69.57	Red Pedestal Rt (TOWMS)			
3003+02 DMC (3-241)	69.62	Culvert under Canal Forebay Wasteway	3-12'0"x14'0" Bbls.	Concrete	112.04
3013+57	69.82	End Relocation			112.36
3013+68.80 Bk. = 3016+33.17 Ah. (Equation) Realignment					
3014+50	69.85	Culvert Crossing (San Luis Creek Drain)	2'6"x2'6" Bbls.	Concrete Box	112.41
	69.90	Tank 3000		Steel	
3022+00	69.98 69.98	Concrete Pad Turnout (Lt) Modified (Volta Wasteway)	2-15'0"x19'3"	Radial Gate	112.62
3022+60	69.99	Stilling Well (Lt)	42"	Concrete Pipe	112.63
3023+00	69.99	End Lined Section No. 7C	Q=4199	Concrete	112.63
3023+00	70.00	Begin Transition Check No. 13		Concrete Structure	112.65

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
	70.01	Safety Float Line			
3023+65 DMC (3-241)	70.01	Check No. 13 Sill raised 28' FY 66 Check Station Bldg. (Lt)	3-20'0"x17'0"	Radial Gate	112.67
	70.01	Salinity Station Bldg.		Metal	
3024+80	70.04	End Transition Check No. 13		Concrete Structure	112.71
3024+80	70.04	Begin Lined Section No. 8	Q=3501	Concrete	112.71
3027+30	70.09	Stilling Well (Lt)	42"	Concrete Pipe	112.79
3029+60	70.13	Culvert Crossing (San Luis Creek Drain)	4'6"x4'6" Bbl.	Concrete Box	112.86
3053+65	70.59	Communication Cable (TOWMS) Pedestal (Lt)			
3055+00	70.62	Turnout (Lt) (San Luis W.D.) (Inactive)	24"	Concrete Pipe	113.65
3056+50	70.64	Drain Inlet (Rt) - could only receive high surface flows	24"	Concrete Pipe w/Flap Gate	113.68
	70.69	Drain Inlet (Rt) - obstructed, if open could only receive high surface flows	30"	Concrete Pipe w/Flap Gate	114.19
3080+68	71.10	Waterline Crossing under Canal (Abandoned)	2-1/2"	Steel Pipe	114.42
	71.31	Power Line	46'-0	60 KV	
	71.31	Power Line Crossing	30'-0"	12 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3091+44 DMC (4-5)	71.31	Bridge, County (Jensen Rd.-State Rt. 207)	28'	Concrete	114.76
	71.31	Phone Line crossing	31'-5"		
	71.31	2 CVP Signs d/s (Rt)			
3092+00	71.32	Turnout (Lt) Modified (San Luis W.D.)	24"	Concrete Pipe	114.77
3092+20	71.32	Communication Cable (TOWMS) Pedestal (Lt)			
3093+16	71.34	Turnout, Pump (Rt) (San Luis W.D.)	3-24"	Concrete Pipes	11.81
3093+75	71.35	Drain Inlet (Rt) No flow, Storm flows only. Field next to it could contribute surface runoff	24"	Concrete Pipe	114.82
3106+45	71.59	High-Pressure Oil Line Steel Suspension Crossing (Getty Oil Co.)	20"	Steel Pipe	115.21
3110+11 DMC (4-6)	71.66	Oil Line Crossing On Steel Piers (Stan. pac. Co.)	18"	Steel Pipe	115.32
3111+41 DMC (4-6)	71.69	Gasline Crossing On Steel Piers (Stan. Pac. Co.)	26	Steel Pipe	115.37
3113+00	71.72	Communication Cable (TOWMS) Pedestal (Lt)			
3117+00 DMC (4-7)	71.79	Drain Inlet (Rt) No flow, Storm flows only, Field next to it could contribute surface runoff.	18"	Concrete Pipe	115.53
3119+35	71.83	Waterline Crossing Under Canal (Not in Use)	2-1/2"	Steel Pipe	115.59
3141+50	72.25	Drain Inlet (Rt) (Modified - Turnout Pump) No flow, Storm flows only	24"	Concrete Pipe	116.27

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3141+65	72.25	Drain Inlet, Pump (Rt) auto switch Pumps drainage from adjacent field into DMC	6"	Steel Pipe	116.27
3145+53 DMC (4-8)	72.33	Bridge, County Rehabilitated 1965 Load Limit 15 Tons Irrigation Crossing Waterline crossing on d/s Side of Bridge (Owner Installed H. Nutall)	18'	Timber/Concrete	16.40
	72.33	Power Line Crossing	38'	12 KV	
3145+75	72.34	Turnout, Gravity-Pump (Lt) Modified (San Luis W.D.)	15"	Concrete Pipe	116.42
3145+75	72.34	Communication Cable (TOWMS) Pedestal (Lt)			
3150+66.98 Bk. = 3152+00.00 Ah. (Equation)					
3161+50	72.61	Drain Inlet (Rt) Receives field drainage from orchard. Ponded water. Flow is out of DMC now (very low)	24"	Concrete Pipe w/Flap Gate	116.85
3167+50 DMC (4-9)	72.80	Bridges, Interstate 5 West Side Freeway Load Limit H20-5-10-44	2-39'8"	Concrete	117.16
		Culvert under Operating Road (Rt)	18"	Concrete Pipe	
3172+15	72.89	Communication Cable (TOWMS) Pedestal (Lt)			
3177+50	72.91	Drain Inlet (Rt) No flow. Storm flows only Could receive runoff from field with live stock	18"	Concrete Pipe w/Flap Gate	117.33
3185+50	73.06	Turnout (Lt) (San Luis W.D.)	15"	Concrete Pipe	117.57
3188+75	73.12	Drain Inlet (Rt) No flow. Could receive runoff from adjacent field used for grazing.	18"	Concrete Pipe w/Flap Gate	117.67
	73.38	Power Line Crossing	39'	12 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3202+90	73.38	Turnout, Pump (Rt) (San Luis W.D.)	2-24"	Concrete Pipe	118.09
3205+00	73.43	Turnout (Lt) (San Luis W.D.) (Inactive)	15"	Concrete Pipe	118.17
3207+00	73.47	Drain Inlet (Rt) No flow. Required runoff recently. Could receive runoff from adjacent orchard.	18"	Concrete Pipe	118.23
3225+00	73.81	Culvert Crossing under Canal	3'0"x3'0" Bbl.	Concrete Box	118.78
3228+05	73.87	Turnout (Lt) Modified (San Luis W.D.)	15"	Concrete Pipe	118.88
3228+10	73.87	Communication Cable (TOWMS) Pedestal (Lt)			
3233+15	73.96	Shoulder Drain Inlet (Rt) No flow. Road Drain.	12"	CMP	119.02
3253+50	74.35	Turnout, Gravity-Pump (Lt) (San Luis W.D.)	15"	Concrete Pipe	119.65
3253+50	74.35	Drain Inlet (Rt) No flow. Could receive runoff from nearby fields.	30"	Concrete Pipe w/Flap Gate	119.65
	74.36	Stilling Well			
3256+00	74.39	Begin Transition Check No. 14		Concrete	119.71
	74.39	Safety Float Line			
3256+50 DMC (4-14)	74.40	Check No. 14 Pipe d/s 8" over axis of gate on pier	3-18'0"x15'0"	Radial Gate	119.73
3257+37	74.40	End Transition Check No. 14		Concrete Structure	119.76
	74.45	Stilling Well			

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3267+50	74.62	Drain Inlet (Rt) No flow. Receives drainage from adjacent fields	30"	Concrete Pipe	120.08
3275+58	74.77	Bridge, County	24'	Concrete	120.33
DMC (4-15)		(Moraga Rd.)			
		Pipeline d/s Side of Bridge	2"	Steel Pipe	
3275+58	74.77+	PT&T Cable Crossing			120.33
3277+00	74.80	Drain Inlet (Rt) No flow. Receives storm runoff?	18"	Concrete Pipe	120.37
3279+25	74.84	Turnout (Lt) (San Luis W.D.) (Inactive)	15"	Concrete Pipe	120.44
	75.16	Drain Inlet (Lt) No flow. Receives road runoff	10"	CMP	
3297+50	75.18	Drain Inlet (Rt) No flow. Receives storm runoff?	24"	Concrete Pipe	120.99
	75.25	Drain Inlet (Lt) No flow. Road drain	10"	CMP	
3307+70	75.38	Drain Inlet (Rt) Not found	12"	CMP	121.31
3307+80	75.38	Overchute Could spill runoff at high flows	6'0"x3'3"	Concrete	121.31
3310+50	75.43	Turnout (Lt) Modified (San Luis W.D.)	15"	Concrete Pipe	121.39
				214-208-1505 - Rev.	
3326+50	75.73	Drain Inlet (Rt) Standing waters. Receives runoff from roads & fields	24"	Concrete Pipe w/Flap Gate	121.87
	75.80	phone	21'-0"		
3322+41	75.84	Bridge, State	2-26'	Concrete	122.05
DMC (4-21)		Highway 152 CVP Sign d/s (Rt)			
3342+00	76.03	Turnout (Lt) (San Luis W.D.) (Inactive)	15"	Concrete Pipe	122.35
				214-208-1505 - Rev.	

New road drain. Could receive storm runoff?

New road drain (Lt)
New road drain (Rt)
New road drain (Lt)

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3342+15 DMC (4-22)	76.03	Turnout, Pump (Rt) (San Luis W.D.)	15"	Concrete Pipe	122.35
3342+50	76.04	Drain Inlet (Rt) No Flow. Receives runoff from adjacent field.	18"	Concrete Pipe	122.37
	76.04	Power Line Crossing	47	12 KV	
3343+25	76.05	Turnout (Lt) (CCID & Grasslands W.D.)	2-5'0"x4'0" Bbls.	Concrete Box	122.39
	76.08	TOWMS cable			
3364+50	76.45	Drain Inlet (Rt) No flow. Receives runoff from adjacent fields.	24"	Concrete Pipe w/Flap Gate	123.03
3374+60	76.64	Drain Inlet (Rt) No flow. Receives runoff from adjacent fields	3-30'	Concrete Pipe w/Flap Gate	123.34
3379+40	76.73	Drain Inlet (Rt) No flow. Receives runoff from adjacent fields	18"	Concrete Pipe w/Flap Gate	123.48
3381+50	76.77	Turnout (Lt) Modified (San Luis W.D.)	15"	Concrete Pipe	123.54
3399+00	77.10	Drain Inlet (Rt) No flow. Receives runoff from adjacent fields.	18'	Concrete Pipe	124.07
3403+35	77.19	Turnout, Pump (Rt) (San Luis W.D.)	24"	Concrete Pipe	124.22
3403 +50	77.19	Communication Cable (TOWMS) Pedestal (Lt)			
	77.19	Power Line	42'-0"	12 KV	
	77.19	Phone Line	17'-0"		
3403+89 DMC (4-25)	77.20	Bridge County (Pioneer Rd.)	16' H-15	Concrete	124.24
		Irrigation Crossing u/s Side	12"	Steel Pipe	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3406+00	77.24	Turnout, Gravity-Pump (Lt) Modified (San Luis W.D.)	15"	Concrete Pipe	124.30
3411+00	77.33	○ Drain Inlet (Rt) No flow. Receives runoff from adjacent field	3'0"x2'6"	Concrete Box	124.45
3424+00	77.58	○ Drain Inlet (Rt) No flow. Receives runoff from adjacent field	24"	Concrete pipe	124.85
	77.63	Power Line Crossing	42-0"	12 KV	
3426+93 DMC (4-26)	77.63	Bridge, County (Volta Rd.) Rehabilitated 1966 Load Limit 20 Tons Cattle guards u/s-d/s (Lt)	20'	Laminated Timber Deck	124.93
3427+20	77.64	Communication Cable (TOWMS) Pedestal (Lt)			
3445+00	77.98	Turnout (Lt) Modified (San Luis W.D.)	15"	Concrete Pipe	125.49
3447+50	78.02	○ Drain Inlet (Rt) No flow. Receives runoff from adjacent field	24"	Concrete Pipe	125.56
3462+75 DMC (4-28)	78.31	Irrigation Pipe Crossing on Concrete Piers (F.F. Pfitzer)	14"	Steel Pipe	126.02
	78.32	Power Line	26'-0"		
3463+25	78.32	Communication Cable (TOWMS) Pedestal (Lt)			
	78.35	○ Drain Inlet No flow. Drains filled. Could not find inlet	12"	Steel pipe	
3476+05	78.56	Turnout, Pump (Rt)	2-24"	Concrete Pipe	126.43
3476+50	78.57	Turnout, Gravity-Pump (Lt) Modified (San Luis W.D.)	24"/18" Insert	Concrete Pipe	126.44
	78.58	Power Line Crossing	37'-0"	12 KV	
3477+40 DMC (4-29)	78.59	@ Overchute No flow. Spills runoff during storm flow	6'0"x3'3"	Concrete	126.47

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3492+00	78.87	○ Drain Inlet (Rt) FLOW! Runoff from apricot orchard, EC=300	24"	Concrete Pipe	126.92
3505+50	79.11	Communication Cable (TOWMS) Pedestal (Lt)			
3505+52.30 Bk. = 3506+00.00 Ah. (Equation)					
3506+00 DMC (4-30)	79.12	○ Drain Inlet (Rt) No Flow. Receives surface runoff from adjacent field	14"	Transite Pipe	127.33
	79.12	Power Line	37'-5"	12 KV	
3506+26 DMC (4-30)	79.12	Bridge, County (Canyon Rd.)	24"	Concrete	127.33
		Irrigation Crossing d/s Side of Bridge (Owner Installed P.&J. Lindbloom)	12"	Steel Pipe	
	79.12	Phone Line	18'-5"		
3506+50	79.13	Turnout, Gravity-Pump (Lt) Modified (San Luis W.D.)	24"	Concrete Pipe	127.34
			18"		
	79.13	○ Drain Inlet (Rt) Drain for irrigation line under bridge	10"	Steel	
3519+00	79.37	○ Drain Inlet (Rt) No Flow. Receives surface runoff from adjacent orchard	18"	Concrete Pipe	127.73
	79.50	○ Drain Inlet (Rt) Not Pumped			
3533+50	79.63	Begin Transition Check No. 15 Safety Float Boom Chain Link Fence Drain Inlet (Lt). pumped, steel pipe. Will be subsurface			
	79.63	Stilling Well			
3533+90 DMC (4.32)	79.64	Check No. 15 Chceck Station Building	3-18'0"x15'0"	Radial Gate	128.16
3534+20	79.64	Check No. 15 End Transition		Concrete Structure	128.16

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3534+50	79.64	Siphon Inlet Headwall (Los Banos Creek)	3-18'0"x20'0" Bbls.	Concrete	128.16
3534+58	79.64	Gasline Crossing (Coast Counties Gas & Electric Co.) over Siphon Barrel	4"	Steel Pipe	128.16
3535+00	79.68	Gasline Crossing (PG&E)	6"	Steel Pipe	128.23
3535+75	79.69	Culverts	8'	3 ea. CMP	
3537+00 DMC (4-32)	79.72	Siphon Outlet Bbls.	3-18'0'x20'0'	Concrete	128.29
3537+00±	79.74	Chain Link Fence			128.32
3537+00±	80.00	Los Banos Headquarters (Rt) Weed Oil Tank	30M		128.74
	80.01	Stilling Well			
3554+05	80.03	Temporary Pump Turnout (Lt) (Affonso)	8"	Steel Pipe over Lining	128.79
	80.15	Power Line Crossing	38'-0"	12 KV	
3563+00	80.20	Communication Cable (TOWMS) Pedestal (Lt)			
3570+00	80.33	Drain Inlet (Rt) FLOW. Receiving drainage from up-slope from road side ditch	30"	Concrete Pipe	129.27
3570+19 DMC (4-33)	80.34	Bridge, County (Creek Rd.)	24'	Concrete	129.29
	80.34	Power Line Crossing	36'-0"	12 KV	
3570+34	80.34	Communication Cable (TOWMS) Pedestal (Lt)			
3570+50	80.35	Turnout (Lt) Modified (San Luis W.D.) (Inactive)	24"	Concrete Pipe	129.31

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3585+00 DMC (4-34)	80.62	Bridge, Farm Rehabilitated 1966	16'	Timber Load Limit 15 Tons	129.74
		Irrigation Pipe Crossing On u/s Side of Bridge (J. Rolph)	16"	Steel Pipe	
3588+00	80.68	Drain Inlet (Rt) - Dry, would drain plum orchard	24"	Concrete Pipe	129.84
3601+36 DMC (4-35)	80.93	Irrigation Pipe Crossing on Concrete Piers (J. Rolph)	16"	Steel Pipe 130.24	
	80.94	Power Line Crossing	31-5	12 KV	
3604+50	80.99	Turnout, Gravity-Pump (Lt) Modified (San Luis W.D.)	24"	Concrete Pipe	130.34
3609+50	81.08	Turnout, Pump (Rt) (San Luis W.D.)	3-24"	Concrete Pipe	130.48
3612+00	81.13	Drain Inlet (Rt) - sed flow - surface runoff	30"	Concrete Pipe	130.56
3633+00	81.53	Drain Inlet (Rt) Receives runoff from Apricot Orchard	5'0"x2'6"	Concrete Box	131.21
3641+23	81.69	Communication Cable (TOWMS) Pedestal (Lt)			
3641+41 DMC (4-40)	81.69	Bridge, County (Almond Drive) Irrigation Pipe Crossing on u/s Side of Bridge (J.&A. Pusoteri)	24'	Concrete	131.46
	81.69	Power Line Crossing	34'-5"	12 KV	
3641+60	81.70	Drain Inlet (Rt) Flow from drain along South Side Almond Drive	12"	CMP	131.48
3646+10	81.78	Drain Inlet (Rt) Had flowed, Ponded water, Drains field	30"	Concrete Pipe	131.61

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3646+52	81.79	Communication Cable (TOWMS) Pedestal (Lt)			
	81.79	Phone cable u/s	23-0		
3646+89 DMC	81.79 (4-40)	Bridge, County (Ortigalita Rd.)	24'	Concrete	131.62
	81.79	Power Line crossing d/s	29'-0"	12 KV	
3646+94.72 Bk. = 3647+00 Ah. (Equation)					
3647+42	81.80	Turnout (Rt) (Pump over Lining)			131.64
3667+00	82.17	Drain Inlet (Rt) No flow, storm water runoff from field	30"	Concrete Pipe w/Flap Gate	132.24
	82.31	Power Line Crossing	37-0"	12 KV	
3674+40	82.31	Turnout (Lt) Modified (San Luis W.D.) (Inactive)	18"	Concrete Pipe	132.46
	82.31	Phone	20'-5"		
3675+00	82.32	(Communication Cable (TOWMS) Pedestal (Lt)			
3685+64 DMC	82.52 (4-41)	Bridge, Farm Rehabilitated 1966 Load Limit 20 Tons Irrigation Pipe Crossing On u/s Side of Bridge (Vi-LO Bue Inc.)	16'	Timber	132.80
3689+00	82.59	Drain Inlet (Rt) Drains Almond Orchard	24"	Concrete Pipe	132.91
3699+90 DMC	82.79 (4-42)	Irrigation Pipe Crossing on Concrete Piers (A. Sanfilippo)	16"	Steel Pipe	133.23
3700+50	82.81	Drain Inlet (Rt) Flow, tail water from tomato field high sediment load	18"	Concrete Pipe	133.27

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3712+00	83.02	Drain Inlet (Rt)	30"	Concrete Pipe	133.60
		Flow, drain along base of tomato fields - connects to previous drain			
3714+64 DMC (4-42)	83.07	Bridge, County (Center Avenue)	24'	Concrete	133.68
		Telephone Cable on u/s Side of Bridge	3"	Steel Pipe	
		Pipe u/s Side of Bridge	4"	Steel	
	83.08	Power Line Crossing	31'-0"	12 KV	
3715+00	83.08	Turnout (temp.) (CCID) (Rt.)		Pump over Lining	133.70
3715+00	83.08	Turnout (Lt) Modified (San Luis W.D.)	18"	Concrete Box	133.70
3715+08	83.08	Communication Cable (TOWMS) Pedestal (Lt)			
3720+50	83.18	Drain Inlet (Rt)	5'0"x2'6"	Concrete Box	133.86
		Dry, can receive drain overflow			
3730+00 DMC (4-43)	83.36	Irrigation Pipe Crossing on Concrete Piers (H.G. Fawcett)	18"	Steel Pipe	134.15
3734+02.00 Bk. = 3734+00.00 Ah. (Equation)					
3734+18	83.44	Communication Cable (TOWMS) Pedestal (Lt)			
3734+50	83.45	Drain Inlet (Rt)	30"	Concrete Pipe	134.29
		Flow, Tail Water from walnut orchard			
3740+86 DMC (4-44)	83.57	Irrigation Pipe Crossing on Concrete Piers (H.G. Fawcett)	30"	Steel Pipe	134.48
3743+63 DMC (4-44)	83.62	Irrigation Pipe Crossing on Concrete Piers (J.M. Costa)	20"	Steel Pipe	134.57
3745+60	83.67	Communication Cable (TOWMS) Pedestal (Lt)			
3743+75	83.63	Turnout (Lt) (Inactive)	15"	Concrete Pipe	134.58

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3753+00	83.80	Drain Inlet (Rt) Drains Pasture, Across from Dairy	18"	Concrete Pipe	134.86
3756+78	83.87	Communication Cable (TOWMS) Pedestal (Lt)			
	83.88	Power Line Crossing	42'-0"	12 KV	
3757+30 DMC (4-45)	83.88	Bridge, County (Charleston Avenue)	24'	Concrete	134.99
		Telephone Cable On d/s Side of Bridge	3"	Steel Pipe	
		Drain Pipe Crossing On d/s Side of Bridge (Owner Installed Fawcett Farms)	24"		
3758+00	83.90	Drain Inlet (Rt) would drain ditch along side Dairy on Charleston Rd.	18"	Concrete Pipe	135.02
3774+25	84.21	Communication Cable (TOWMS) Pedestal (Lt)			
3780+25	84.31	Drain Inlet (Rt) Runoff from road	5'0"x 2'6"	Concrete Box	135.68
3780+50 DMC (4-46)	84.32	Crossing Piers (Pipe Removed)		Concrete	135.69
	84.37	Safety Float Line			
3783+58 DMC (4-46)	84.38	Bridge, County (Mercy Springs Rd.)	24'	Concrete	135.79
		Power Line Crossing	29'-0	12 KV	
		Telephone Cable u/s Side of Bridge	3"	Steel Pipe	
3783+70	84.38	Communication Cable (TOWMS) Pedestal (Lt)			
3783+75	84.39	Turnout (Lt) (Inactive)	18"	Concrete Pipe	136.11
	84.54	Power Line crossing	23'-0"	12 KV	
	84.56	TOWMS Communication Cable			
3794+00	84.58	Drain Inlet (Rt) used for walnut return flows	18"	Concrete Pipe	136.11

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3797+92 DMC (4-47)	84.65	Irrigation Pipe Crossings on Concrete Piers (A.M. Mattos & Lindemann Farms)	36" 20"	Steel Pipe Steel Pipe	136.23
	84.81	Safety Float Lines			
3806+72 DMC (4-47)	84.82	Drain Inlet (Rt) Can drain adjacent field and dairy surface flows	18"	Concrete Pipe	136.50
3806+72 DMC (4-47)	84.82	Bridge, Farm Rehabilitated 1966 Load Limit 15 Tons	16'	Timber	136.50
		Pipeline on u/s of Bridge (Soares and Sons) Water Pipe Crossing On d/s Side of Bridge	12" 3/4"	Techite Pipe Steel Pipe	
		Cattle Guards u/s-d/s (Lt) (Rt)			
3819+00 DMC (4-48)	85.04	Irrigation Pipe Crossing on Concrete Piers (F. Cotta & R. Lindemann)	18"	Steel Pipe	136.85
	85.05	Power Line Crossing	40'-0"	12 KV	
	85.07	Stilling Well			
3820+75	85.08	Turnout (Lt) (Inactive)	18"	Concrete Pipe	136.92
	85.08	Safety Float Line			
3821+00	85.08	End Lined Section No. 8 Q=350l		Concrete	136.92
3821+00 DMC (4-48)	85.08	Begin Transition Check No. 16		Concrete	136.92
3821+50	85.09	Check No. 16	3-18'0"x15'0"	Radial Gate	136.93
	85.09	Check Station Bldg.		Concrete Block	
3821+50	85.09	Communication Cable (TOWMS) Pedestal (Lt)			

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3822+37	85.11	End Transition Check No. 16		Concrete Structure	136.97
3822+37	85.11	Begin Lines Section No. 9	Q=3400	Concrete	136.97
	85.14	Stilling Well			
3825+00	85.16	○ Drain Inlet (Rt) Can drain cotton field	5'0"x2'6"	Concrete Box	137.05
3841+00 DMC (4-52)	85.47	Bridge, Farm Rehabilitated 1966 Load Limit 15 Tons	16'	Timber w/No Railings	137.55
		Irrigation Pipe Crossing On d/s Side of Bridge (Jacob Dillinger) No Guardrail	18"	Steel Pipe	
3851+50	85.67	Communication Cable (TOWMS) Pedestal (Lt)			
3852+00	85.68	Turnout (Lt) (Inactive)	15"	Concrete Pipe	137.88
3853+00	85.69	○ Drain Inlet (Rt) Can drain large pasture (and has)	30"	Concrete Pipe	137.90
3873+00	86.07	○ Drain Inlet (Rt) Can drain large pasture—no discharge	30"	Concrete Pipe	138.51
3878+06 DMC (4-54)	86.17	Irrigation Pipe Crossing on Concrete Piers (Jacob Dillinger)	30"	Steel Pipe	138.67
	86.19	Power Line Crossing	33'-6"	12 KV	
3878+87	86.19	Communication Cable (TOWMS) Pedestal (Lt)			
3879+04	86.19	Turnout (Lt) (Inactive)	15"	Concrete Pipe	138.70
3879+11 DMC (4-54)	86.19	Bridge, County (Cotton Gin Rd.)	24'	Concrete	138.70
3896+00	86.51	○ Drain Inlet (Rt) Flow, from irrigated cotton fields	2'6"x2'6"	Concrete Box	139.22

3897+94.30 Bk. + 3898+00.00 AH. (Equation)

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3905+95 DMC (4-56)	86.70	Irrigation Pipe Crossing on Concrete Piers (Joe Fialho)	18"	Steel Pipe	139.53
3906+28	86.71	Turnout, Pump (Rt) (San Luis W.D.)	18"	Concrete Pipe	139.54
3907+25	86.72	Turnout (Lt) (San Luis W.D.) (Inactive)	18"	Concrete Pipe	139.56
	86.72	Power Line crossing	22.6'-0"	12 3907+25	86.72
390725		◎ Drain Inlet (Rt) Flowing. Receives runoff from cotton field	18"	Concrete Pipe	139.56
3907+25±	86.72	Air Strip	15'		139.56
3909+50	86.77	Communication Cable (TOWMS) Pedestal (Lt)			
3920+00	86.96	◎ Drain Inlet (Rt) Flowing. Receives runoff from cotton field	30"	Concrete Pipe	139.94
3940+65	87.35	Turnout, Pump (Rt) (San Luis W.D.)	18"	Concrete Pipe	140.57
3945+93 DMC (4-58)	87.46	Irrigation Pipe Crossing on Concrete Piers (Joseph Y. Woo, et al.)	18"	Steel Pipe	140.75
	87.46	Power Line Crossing	35'-0" 27'-0"	60 KV 12 KV	
3946+50±	87.47	◎ Drain from Pressure Tank	18"	Steel Pipe	140.76
3946+80	87.48	Turnout, Pump (Rt) (San Luis W.D.) Improvement District No. 1)	5-72" Intakes 200 cfs	Concrete Pipe	140.78
3957+00	87.66	◎ Drain Inlet (Rt) No flow. Receives storm flow from along side road	5'0"x2'6"	Concrete Box	141.07
3969+30	87.89	Communication Cable (TOWMS) Pedestal (Lt)			
	87.97	Power Line	32'-0"	60 KV	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
3973+25	87.97	Turnout, Gravity-Pump (Lt) Modified (San Luis W.D.)	18"	Concrete Pipe	141.57
	87.97	Power Line	25'-0"	12 KV	
3989+35	88.12	Communication Cable (TOWMS) Pedestal (Lt)			
3981+42	88.12	Drain Inlet (Rt) Flowing, Receiving flow from drain on Woo Rd alongside Fld	24"	CMP	141.81
3981+67 DMC (4-62)	88.13	Bridge, County (Woo Rd.)	24'	Concrete	141.83
3981+90	88.13	Shoulder Drain Inlet (Rt) No Flow	10"	CMP	141.83
	88.23	Power Line Crossing	32'-0"	12 KV	
3987+35 DMC (4-63)	88.24	Irrigation Pipe Crossing on Concrete Piers (Joseph Y. Woo, et al.)	18"	Steel Pipe	142.00
4006+50	88.60	Drain Inlet (Rt) Flowing. Receives flow from large surface drain parallel to Fld	5'0"x2'6"	Concrete Box	142.58 DMC
4007+00	88.61	Irrigation Siphon Crossing Under Canal (Joseph Y. Woo et al.)	18"	Steel Pipe encased in Concrete	142.60
4007+58 DMC (4-63)	88.62	Bridge, Farm Rehabilitated 1966 Load Limit 15 Tons	16'	Timber w/no Railings	142.62
	88.65	Power Line Crossing	34'-0"	12 KV	
4008+00	88.65	Turnout, Pump (Rt) (SaN Luis W.D.)	2-24" Intakes	Concrete Pipe	142.66
	88.91	Power Line Crossing	33'-6"	12 KV	
4023+00	88.91	Turnout, Gravity-Pump (Lt) Modified (San Luis W.D.)	15"	Concrete Pipe	143.08
4029+10	89.03	Communication Cable (TOWMS) Pedestal (Lt)			

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
4039+92 DMC (4-65)	89.23	Irrigation Pipe Crossing on Concrete Piers (Joseph Y. Woo & Sam Hamburg Farms)	18'	Steel Pipe	143.59
4046+00	89.35	○ Drain Inlet (Rt) No Flow. Receives runoff from adjacent fields via large field drain	5'0"x2'6"	Concrete Box	143.79
4057+00	89.56	Turnout (Lt) (San Luis W.D.) (Inactive)	15"	Concrete Pipe	144.13
4063+00	89.67	+○ Check Drain Inlet (RT) Flowing. Drains adjacent melon fields.	5'0x2'6"	Concrete Box	144.30
4076+65 DMC (4-67)	89.93	Irrigation and Drainage Pipe Crossings on Concrete Piers (Joseph Y. Woo & Sam Hamburg Farms)	2-16	Steel Pipe	144.72
4079+40	89.98	Communication Cable (TOWMS) Pedestal (Lt)			
4089+00	90.16	○ Drain Inlet (Rt) No flow. Receives drainage from drain paralleling DMC	24"	Concrete Pipe	145.09
4094+75	90.27	Turnout (Lt) (San Luis W.D.) (Inactive)	15"	Concrete Pipe	145.27
4108+00	90.52	○ Drain Inlet (Rt) (Abandoned) No Flow	24"	Concrete Pipe	145.67
	90.53	Stilling Well			
4108+18	90.53	Turnout, Pump (Rt) (San Luis & Pacheco W.D.)	42"	Concrete Pipe	145.69
4108+49	90.53	Turnout, Pump (Rt) (San Luis W.D. & Sam Hamburg Farms)	24"	Concrete Pipe	145.69
			30"	Steel	
4108+70	90.54	Begin Transition Check No. 17		Concrete Structure	145.71

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
4109+20 DMC (4-69)	90.54	Check No. 17 Lt Buried Power Cable across Patrol Rd.	3-18'0"x15'0"	Radial Gate	145.71
	90.54	Check Station Building		Concrete	
4110+07 DMC (4-69)	90.56	End Transition Check No. 17		Concrete Structure	145.74
4110+17 DMC (4-69)	90.56	Bridge, Operating Rehabilitated 1966 Load Limit 15 Tons	16'	Timber	145.74
4110+64	90.57	Pipe Crossings on Concrete Piers (Hamburg Lift Lines Sam Hamburg Farms)	24",36",&30"	Steel Pipe	145.75
	90.61	Stilling Well			
4128+25 DMC (4-70)	90.91	Bridge, Farm Rehabilitated 1966 Load Limit 15 Tons	22'	Timber	146.30
		Irrigation Pipe Crossing on u/s Side of Bridge (Sam Hamburg Farms)	20"	Steel Pipe	
		Electrical Conduit d/s Side	3/4"	Steel Pipe	
4138+65	91.10	Communication Cable (TOWMS) Pedestal (Lt)			
4170+50 DMC (4-72)	91.71	Irrigation Pipe Crossing on Concrete Piers (Sam Hamburg Farms)	18"	Steel Pipe	147.59
	92.23	Pipe Line Crossing	24"		
4198+02±	92.23	Lt power 30.5' Clear		12 KV	148.42
4198+75	92.24	Communication Cable (TOWMS) Pedestal (Lt)			

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
	92.24	Concrete piller	in canal		
4221+00	92.66	Communication Cable (TOWMS) Pedestal (Lt)			
4224+36 DMC	92.73 (4-75)	Bridge Farm (E) Rehabilitated 1969	20'	Timber w/no railings	149.23
		Siphon Type Drain Pipe Crossing on d/s Side of Bridge	16"	Steel Pipe	
		Gasline on u/s of Brideg (PG&E) (Hugh Bennett)	6"	Steel Pipe	
4251+20 DMC	93.23 (4-78)	Drain Pipe Crossing on Concrete Piers (Pacific Western Oil)	18"	Steel Pipe	150.03
4251+55 DMC	93.24 (4-78)	Bridge, Farm Rehabilitated 1966 Load Limit 15 Tons	16'	Timber	150.05
4251+90±	93.25	Lt Power 33.0' Clear	35'-0"	12 KV	150.07
4251+90	93.25	Turnout (Rt) (Panoche W.D.) Pumping Plant	2-6'0"x5'0" Bbls.	Concrete Box	150.07
4252+49	93.26	Siphon Crossing (Panoche Lift Line) Under Canal	5'0"x5'0" Bbl.	Concrete Box	150.08
4253+40±	93.27	Turnout, Pump (Lt) (Eagle Field W.D.)	24"	Concrete Pipe	150.10
4258+50	93.37	Communication Cable (TOWMS) Pedestal (Lt)			
4279+00 DMC	93.76 (4-79)	Irrigation Pipe Crossing Piers (Pipe Removed)		Concrete	150.89
4287+63	93.93	County Line Merced-Fresno			151.16

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
4305+50	94.26	Irrigation Pipe Crossing Piers (Pipe Removed)		Concrete	151.69
4305+93	94.27	Lt Power Line	25'-0"	12 KV	151.71
4305+93 DMC (4-81)	94.27	Bridge, Farm Rehabilitated 1969	28"	Timber	151.71
4317+45	94.49	Communication Cable (TOWMS) Pedestal (Lt)			
4321+74	94.57	Turnout Pump (Lt) (Eagle Field W.D.)	24"	Concrete Pipe	152.19
4321+74±	94.57	Lt Power Line	23'-6"	12 KV	152.19
4321+94	94.58	Drain Pipe Crossing Piers		Concrete	153.11
	95.45	Pipe on u/s of Bridge	24"	Steel	153.61
4368+05 DMC (4-85)	95.45	Bridge, Farm Rehabilitated 1969	16'	Timber	153.61
4367+89±	95.49	(Rt) Guy Line 24.5' Clear - Power 41' Clear (Lt) Guy Line 24.0' Clear - Power 41' Clear		60 KV	153.67
4368+35	95.50	Turnout (Rt) (Oro Loma W.D.)	18"	Concrete Pipe	153.69
4377+50	95.62	Communications Cable (TOWMS) Pedestal (Lt)			
4395+00	95.95	Turnout, Pump (Lt) (West Side Golf Assn.)	15"	Concrete Pipe	154.41
4419+55	96.42	Communications Cable (TOWMS) Pedestal (Lt)			
4423+75	96.50	○ Ck Drn Drain Inlet (Rt) No flow, but receives flow from large surface drain	3'0"x2'6"	Concrete Box	155.29
4424+20±	96.51	(Lt) Tele. 21' Clear (Rt) Tele. 22' Clear			155.31

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
4428+33±	96.60	(Lt) Tele. Clear (Rt) Tele. 29' Clear	26'-0" 26'-0"		155.46
4429+17	96.60	Communication Cable (TOWMS) Pedestal (Lt)			
4429+53	96.61	Communication Cable (TOWMS) Pedestal (Rt)			
	96.61	Safety Float Line			
4429+57 DMC (4-87)	96.61	Bridge, County (Althea Avenue)	26'	Concrete	151.47
		Power Line	30'-0"	12-KV	
4430+07	96.62	Turnout, Pump (Lt)	24"	Concrete Pipe (Oro Loma W.D.)	155.49
4430+07	96.67	(Rt) Power 32' Clear (Lt) Power 32' Clear			155.49
4430+15	96.62	Communications Cable (TOWMS) Pedestal (Lt)			
4432+60±	96.69	(Rt) Power 34' Clear (Lt) Power 33.5' Clear	12 KV 12 KV		155.49
4432+60	96.70	Turnout, Pump (Rt) (Panoche W.D.)	5 Open Bays 1-5'0" 1-6'3" 1-7'6" 1-8'9" 1-11'3'	Concrete	155.62
	96.79	Stilling Well			
4440+00 DMC (4-88)	96.80	Begin Transition Check No. 18		Concrete Structure	155.78
4440+50	96.81	Check No. 18 Salinity Station Chicek Station Building	3-18'0"x15'0"	Radial Gate Concrete Block	155.79

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
4441+37	96.84	End Transition Check No. 18		Concrete Structure	155.84
	96.88	Stilling Well			
4457+66.75 = 4456+00.00 Ah. (Equation)					
should be dirt canal					
4462+00	97.26	○ Drain Inlet (Rt) No flow.	5'0"x2'6"	Concrete Box Not in use	152.49
4470+30	97.42	Communication Cable (TOWMS) Pedestal (Rt)			
4482+25±	97.67	(Rt) Tele. 21' Clear - Power 31' Clear (Lt) Tele. 18.5' Clear - Power 26' Clear			157.18
	97.68 DMC (4-93)	Bridge, County (Russell Avenue) 2 CVP Sings u/s (Lt)	26'	Concrete	157.19
		Waterline Crossing (Wolfson) and Telephone Crossing (Golden West Tel.) on d/s Side of Bridge	2-1/2 2'	Steel Pipe Cable in Galvanized Conduit	
4484+70	97.68	Communication Cable (TOWMS) Pedestal (Rt)			
4485+07	97.69	Siphon Crossing under Canal (Mott Lift Line - H.B. & L.C. Wolfsen, et. ux.)	4'0"x4'0" Bbl.	Concrete Box	157.21
4485+46	97.70	Irrigation Pipe Crossing on Concrete Piers	24'	Steel Pipe	157.23
4485+46±	97.70	(Rt) Power 30.5' Clear (Lt) Power 26.5' Clear	157.23		
4485+70	97.70	Turnout (Rt) (Mercy Springs W.D.)	30"	Transite Pipe	157.23

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
4485+72	97.70	Turnout, Pump (Lt) (Mercy Springs W.D.) (Pump)	24" 2-24"	Concrete Pipe	157.23
4486+17±	97.71	(Rt) 115 Power 47' Clear (Lt) 115 Power 47' Clear			157.24
4498+99.80 Bk. = 4499+00.00 Ah. (Equation)					
4527+40	98.49	Communication Cable (TOWMS) Pedestal (Rt)			
4528+99.01 Bk. + 4529+00.00 Ah. (Equation)					
4534+20	98.62	End of Lined Section No. 9 Begin Transition	Q=3400	Concrete Concrete	158.71
4535+00	98.64	End Transition Begin Earth ? Section No. 10	Q=3310	Earth Lined Concrete	158.74
4539+87 DMC (4-96)	98.74	Siphon Turnout (Lt) (Mercy Springs W.D.)	20"	Steel Pipe over Lining	158.90
4540+12 DMC (4-96)	98.74	Bridge, Farm Rehabilitated 1969 Turnout Farm Siphon On d/s (Left) Side of Bridge (Mercy Springs W.D.)	30' 20'	Timber Steel Pipe	158.90
4571+97.98 Bk. = 4572+00.00 Ah. (Equation)					
4583+00	99.81	Irrigation Siphon Crossing under Canal (H.B. & L.C. Wolfsen,) et ux.)	24"	Steel Pipe Encased in Concrete	160.62
4587+38	99.63	Communication Cable (TOWMS) Pedestal (Rt)			
4596+70	99.81	Irrigation Siphon Crossing under Canal (H.B. & L.C. Wolfsen,) et ux.)	24"	Steel Pipe Encased in Concrete	160.62

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
4597+05	99.82	Bridge, Farm	20'	Timber Rehabilitated 1969	160.64
DMC (4-99)		Turnout (Lt) Farm Siphon on u/s Side of Bridge (Mercy Springs W.D.) Irrigation Crossing on d/s Side of Bridge	18"	Steel Pipe	
4619+00	100.23	Irrigation Pipe Crossing on Timber Pile Bents (B.B. Britton)	30"	Steel Pipe	161.30
4627+97.71 Bk. = 4628+00.00 Ah. (Equation)					
4634+00	100.52	○ Check Drain Inlet (Rt) (Capped - 1' square opening in top)	2'6"x2'6"	Concrete Box	161.76 · Can't find. Most likely not Having
4645+97.83 Bk. = 4646+00 Ah. (Equation)					
4647+38	100.76	Communication Cable (TOWMS) Pedestal (Rt)			
4652+05	100.85	Turnout Pump (Rt.) Domestic Water Service (Telles Ranch)	4"	Steel Pipe	162.29
4652+15±	100.85	Rt. Power Line	23'-0"	12KV	162.29
4652+15 DMC (4-102)	100.85	Bridge, Farm	30'	Timber	162.29
4652+40	100.85	Drain Siphon Crossing under Canal	2'8"x2'8" Bbl.	Concrete Box	
4674+00 DMC (4-103)	101.27	Irrigation Pipe Crossing on Timber Pile Bents (B.B. Britton)	24"	Steel Pipe	162.97
4704+00	101.84	○ Check Drain Inlet (Rt) No flow. Drains adjacent fields, overgrown - can't locate at Canal	2'6"x2'6"	Concrete Box	163.89

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
4705+60	101.87	Communication Cable (TOWMS) Pedestal (Rt)			
4713+89	102.03	Bridge, Farm Rehabilitated 1969	22'	Timber	164.19
DMC (4-105)		2-Turnout Pumps on Bridge d/s side (Widren W.D.)			
		Irrigation Pipelines 2-14" (Rt)		Steel Pipes	
		d/s side	1-14"(Lt)	Steel Pipe	
		2-Electrical Conduits d/s Side	2"	Steel Conduit	
4713+39	102.04	Pump turnout (Rt)			164.21
4719+00	102.13	○ Check Drain Inlet (Rt) Flowing. Drains adjacent fields	2'6"x2'6"	Concrete Box	164.36
4732+50	102.38	Drain Siphon Crossing under Canal (Little Panoche Creek)	3'8"x3'8" Bbl.	Concrete Box	164.76
4733+55	102.40	Communication Cable (TOWMS) Pedestal (Rt)			
4735+50	102.44	○ Check Drain Inlet (Rt) Can't find. Probably no flow.	2'6"x2'6"	Concrete Box	164.85
4740+70	102.54	Irrigation Pipe Crossing on Timber Pile Bents (B.B. Britton)	24"	Steel Pipe	165.02
4758+00	102.86	○ Check Drain Inlet (Rt) C Drain-Pump Type Flowing. Receives drainage from adjacent fields	2'6"x2'6"	Concrete Box	164.53
4761+34	102.92	(Rt) Power Clear	34'0"	12 KV	165.63
4761+81	102.93	Bridge, County	26'	Concrete	165.64
DMC (4-108)		Fairfax Avenue Irrigation Pipe crossing d/s side of bridge			
4762+60	102.95	Turnout, Pump (Rt) (Broadview W.D.) (Rt) Power 27' Clear	2-6'0"x12'0" Bbls. 28'-0"	Concrete 12 KV	165.68

4765+13.29 Bk. = 4765+00.00 Ah. (Equation)

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
4762+85	102.95	Communication Cable (TOWMS) Pedestal (Rt)			
	103.20	Restroom Buildings			
4776+00	103.21	○ Check Drain Inlet (Rt) FLOW = Draining adjacent fields	2'6"x2'6"	Concrete Box	166.09
4794+78.00 Bk. = 4795=78Ah. (Equation)					
4795+86	103.56	Lateral Siphon Crossing under Canal (Firebaugh Canal Co.)	2'8"x2'8" Bbl	Concrete Box	166.66
4801+97.63 Bk. = 4802+00 Ah. (Equation)					
4822+82	104.07	Communication Cable (TOWMS) Pedestal (Rt)			
4823+98.38 Bk. = 4824+00 Ah. (Equation)					
4825+00	104.11	Communication Cable (TOWMS) Pedestal (Rt)			
4829+00	104.19	○ Drain Inlet (Rt) Check D and E Drain-Pump Type FLOW. From drain parallel to DMC.	2'6"x2'6"	Concrete Box	167.67
4830+42	104.22	Bridge, Farm Rehailitated 1969	20'	Timber	167.72
DMC (4-111)	10	Drain Line on u/s Side of Bridge	6"	Steel Pipe	
4838+30	104.37	○ Check Drain Inlet (Rt) FLOW. Drain parallel to DMC.	2'6"x2'6"	Concrete Box	167.96
4846+06	104.52	Communication Cable (TOWMS) Pedestal (Rt)			
4849+99.29 Bk. = 4838+30.00 Ah. (Eqation)					
4858+00	104.74	Lateral Siphon Crossing under Canal (Firebaugh Canal Co.)	2'8"x2'8" Bbl.	Concrete Box	168.56
4865+00	104.87	○ Check Drain Inlet (Rt) Stagnant. Cotton. Same drain as above 4. Can flow, may	2'6"x2'6"	Concrete Box	168.77
4871+95	105.02	(Rt) Power 29' (Lt) Power 29'	12 KV		169.01 be plugged.

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
4873+29 DMC	105.03 (4_113)	Bridge, County (Jerrold Avenue)	26'	Concrete	169.02
4873+57	105.03	Lateral Siphon Crossing under Canal	24' Encased in Concrete	Steel Pipe	169.02
4873+89	105.04	Irrigation Pipe Crossing on Timber Pile Bents (V.C. Britton)	24"	Steel Pipe	169.04
4775+00	105.05	Begin Transition Check No. 19 Safety Float Boom		Concrete Structure	169.05
	105.05	Stilling Well			
4875+40±	105.06	(Rt) Buried Cable under Patrol road			
	105.06	Safety Float Line			
4875+40 DMC	105.06 (4-114)	Check No. 19 Life Ring Shelter (Rt) Check Control Building	3-18'0"x15'0"	Radial Gate	169.07
	105.06	Powerline	20'	120/240	
4876+17	105.08	End Transition Check No. 19		Concrete Structure	169.10
	105.09	Stilling Well			
4891+00	105.37	○ Check Drain Inlet (Rt) Stagnant. Receives surface drainage	2'6"x2'6"	Concrete Box	169.57
4901+06 DMC	105.55 (4-118	Bridge, Farm Rehabilitated 1969	20'	Timber	169.86
4901+32	105.56	Irrigation Pipe Crossing on d/s Side of Bridge (V.C. Britton Co.)	24"	Steel Pipe	169.88
4903+40	105.6	○ Check Drain Inlet (Rt) F and G Drain-Pump type	2'6"x2'6"	Concrete Box	169.94
4904+97	105.63	Communication Cable (TOWMS) Pedestal (Rt)			

Dry. Mainly Storm. Can receive surface drainage

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
4905+96.74 Bk. = 4906+00.00 Ah. (Equation)					
4930+99.23 Bk. = 4931+00.00 Ah. (Equation)					
4931+00	106.12	○ Check Drain Inlet (Rt) 2'6"x2'6" Concrete Box Abandoned No visible signs of drain			170.78
4950+00 DMC (4-120)	106.48	Irrigation Pipe Crossing on Timber Pile Bents (V.C. Britton Co.)	24"	Steel Pipe	171.36
4955+00 DMC (4-121)	106.58	Bridge, Farm Rehabilitated 1969	20'	Timber	171.52
4955+60	106.59	Drain Lateral Siphon Crossing under Canal	24"	Steel Pipe encased in concrete	171.53
4955+	106.59	Rt)Power	34'		171.53
4964+52	106.76	Communication Cable (TOWMS) Pedestal (Rt)			
4965+00	106.77	○ Check Drain Inlet (Rt) 2'6"x2'6" Concrete Box No flow. Near abandoned research sheds			171.82
4999+00	107.24	○ Check Drain Inlet (Rt) 2'6"x2'6" Concrete Box H and J Drain-Pump Type Dry. Could receive runoff & drainage.			172.58
		Phone Line	25'		
4999+39.65 Bk. = 5000+00.00 Ah. (Equation)					
4999+67+	107.41	Rt)Power	27'	12 KV	172.85
5000+14 DMC (4-123)	107.42	Bridge, County (Nees Avenue)	26'	Concrete	172.87
5000+20	107.43	Lt)Telephone, Buried			
5000+26	107.42	Communication Cable (TOWMS) Pedestal (Rt)			
	107.52	Power Line	29'	12 KV	
5019+30	107.78	○ Check Drain Inlet (Rt) 2'6"x2'6" Concrete Box Stagnant water. Can receive drainage.			173.45

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	I MI
5023+00±	107.85	Turnout, Pump (Lt) (Firebaugh Canal Co.)	39"	Concrete Pipe	17
5025+30	107.89	Communication Cable (TOWMS) Pedestal (Rt)			
5050+00	108.36	O Check Drain Inlet (Rt) FLOW, Draining Firebaugh (Cotton).	2'6"x2'6"	Concrete Box	174
	109.02	Siphon Drain Crossing	8"	Steel	175
5085+26	109.03	Communication Cable (TOWMS) Pedestal (Rt)			
5090+00	109.12	O Check Drain Inlet (Rt) No Sign of Inlet. Drain running parallel to D May be abandoned or filled in	2'6"x2'6"	Concrete Box	175
5103+65	109.38	Siphon Drainage Crossing	8"	Steel Pipe	176
5107+35	109.45	Turnout, Pump (Rt) (Firebaugh Canal Co.)	3 Bays 6 Pump Pits	Concrete	176
5107+35±	109.45	Rt.Power 36.0' Clear	12 KV		176
5110+00	109.50	O Check Drain Inlet (Rt) K Drain-Pump Type Life Ring Shelter (Rt) (Fishing Area) No flow. Receives drainage from adjacent fields CUSB sump K.	2'6"x2'6"	Concrete Box	176
5142+30	110.11	Communication Cable (TOWMS) Pedestal (Rt)			
5142+79±	110.12	Rt)Tele. 19.5' Clear-Power 33' Clear 12 KV Lt)Tele. 13.0' Clear-Power 34' Clear			177
5142+79 DMC (4-133)	110.12	Bridge, County (Washoe Avenue)	28'	Concrete	177.
		Water Line U/S	6" & 4"	Transite Pipe	177.
5142+79±	110.12	Drain Pipe Crossing	8"		177.
5150+70	110.27	O Drain Inlet (Rt) Dry. Flowed recently. Drain runs parallel to Firebaugh C	18"	Concrete Pipe	177.
5151+32 DMC (4-134)	110.28	Siphon Crossing under Canal (Firebaugh Canal No. 1)	5'4"x5'4" Bbl.	Concrete Box	177.

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
5174+00	110.71	Communication Cable (TOWMS) Pedestal (Rt)			
	110.71	Power Line 33'	12 KV		
		Power Line 43'	60 KV		
5178+00.54 Bk. = 5179+00.00 Ah. (Equation)					
5180+00	110.83	Check Drain Inlet (Rt) Not in Use No sign of use (Drain)	2'6"x2'6"	Concrete Box	178.36
5186+97 DMC (4-136)	110.96	Siphon Inlet Headwall Safety Float Boom chain Link Fence	3-12'0"x16'0" Bbls.	Concrete	
5187+55	110.97	Oil Line Crossing (Associated Oil Co.) Buried	8"	Steel Pipe	178.58
5187+60	110.97	Lateral Crossing Culvert under Operating Roads (Lt & Rt)	30"	Concrete Pipe	178.58
5187+63	110.97	Oil Line Crossing (Associated Oil Co.) Buried	8"	Steel Pipe	178.58
5188+11	110.98	R.R. Crossing (S.P.R.R.)	1 Track		178.60
		Phone Line	24'		
5188+49 DMC (4-136)	110.99	Gasline Crossing (Coast Counties Gas & Electric Co.) Buried	3"	Steel Pipe	178.62
5188+55 DMC (4-136)	110.99	Underground Cable Conduit (PT&T)	3"		178.62
5188+78 DMC (4-136)	110.99	Highway Crossing Highway 33 2 CVP Signs	32'	Asphalt	178.62

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
5189+25	111.00	Lateral Crossing Culvert Under Operating Road	24"	Concrete Pipe	178.63
5190+03	111.02	Siphon Outlet Headwall Chain Link Fence	3-12'0"x16'0" Bbls	Concrete	178.66
5190+34	111.03	Communication Cable (TOWMS) Pedestal (Rt)			
5192+03	111.07	Siphons to Master Drain	2-12"	Steel	178.74
5200+11.77 Bk. + 5200+00.00 Ah. (Equation)					
5200+90±	111.22	Rt) Power 33' Clear Lt) Power 33' Clear			178.98
5200+90	111.22	Turnout (Firebaugh Wasteway) Life Ring shelter u/s (Lt)	2-13'0"x15'0"	Radial Gate	178.98
5201+70	111.24	Drain Siphon Crossing under Canal	24"	Steel Pipe encased in concrete	179.02
5201+90	111.25	Begin Transition Check No. 20 Safety Float Boom		Concrete Structure	179.03
5202+30 DMC (4-136)	111.26	Check No. 20 Salinity Recorder Life Ring Shelter (Lt)	3-18'0"x15'0"	Radial Gate	179.05
5203+07	111.27	End Transition Check No. 20		Concrete	179.06
5215+80	111.50	Irrigation Siphon Crossing under Canal (Redfern Ranches Inc.)	18"	Steel Pipe	
5215+80±	111.50	Lt) 115 Power 36.0' Clear Rt) 115 Power 36.5' Clear			179.44

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
5189+25	111.00	Lateral Crossing Culvert Under Operating Road	24"	Concrete Pipe	178.63
5190+03	111.02	Siphon Outlet Headwall Chain Link Fence	3-12'0"x16'0" Bbls	Concrete	178.66
5190+34	111.03	Communication Cable (TOWMS) Pedestal (Rt)			
5192+03	111.07	Siphons to Master Drain	2-12"	Steel	178.74
5200+11.77 Bk. + 5200+00.00 Ah. (Equation)					
5200+90±	111.22	Rt) Power 33' Clear Lt) Power Line	12 KV 18'-0"	120/240	178.98
5200+90	111.22	Turnout (Firebaugh Wasteway) Life Ring shelter u/s (Lt)	2-13'0"x15'0"	Radial Gate	178.98
5201+70	111.24	Drain Siphon Crossing under Canal	24"	Steel Pipe encased in concrete	179.02
	111.24	Stilling Well			
5201+90	111.25	Begin Transition Check No. 20 Safety Float Boom		Concrete Structure	179.03
5202+30 DMC	111.26 (4-136)	Check No. 20 Salinity Recorder Life Ring Shelter (Lt) Check Control Bldg.	3-18'0"x15'0"	Radial Gate Concrete Block	179.05
5203+07	111.27	End Transition Check No. 20		Concrete	179.06
	111.28	Stilling Well			
5215+80	111.50	Irrigation Siphon Crossing under Canal (Redfern Ranches Inc.)	18"	Steel Pipe	

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
5215+80±	111.50	Rt) 115 Power 36.5' Clear 37'-0" 115 KV			179.44
5216+16 DMC	111.51 (4-137)	Bridge, County (Sierra Avenue)	26'	Concrete	179.45
	111.52	Rt) Tele. 30' Clear			179.47
5216+45	111.52	Communications Cable (TOWMS) Pedestal (Rt)			
5218+00	111.55	End Earth Section No. 10	Q=3310	Earth Lined	179.52
		Begin Earth Section No. 11	Q=3310	Earth Lined	
5230+55	111.79	Communications Cable (TOWMS) Pedestal (Rt)			
5290+47	112.92	Communications Cable (TOWMS) Pedestal (Rt)			
5329+90	113.67	Communications Cable (TOWMS) Pedestal (Rt)			
5350+00	114.05	End Earth Section No. 11	Q=3310	Earth Lined	179.52
		Begin Earth Section No. 12	Q=3310	Earth Lined	
5379+88.38	Bk. = 5380+00.00 Ah. (Equation)				
	114.80	Grave site - Lt			
5389+93	114.81	Communication Cable (TOWMS) Pedestal (Rt)			
5430+15	115.56	Communication Cable (TOWMS) Pedestal (Rt)			
	115.57	Drain Inlet Can't locate. Dry on both sides			
5430+15.50 DMC	115.57 (4-151)	Siphon Inlet Headwall (Miller & Lux Outside Canal) Canal Crossing Safety Float Boom	3-12'0"x16'0"	Concrete	185.98
5431+00 DMC	115.58 (4-151)	Bridge, Operating	16'	Timber	186.00

STRUCTURE SITES - DMC (continued)

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METERS
5431+71.50	115.59	Siphon Outlet Headwall Propeller Meters - 3 (Sparling) Meter House (Rt)	3-12'0"x16'0"	Concrete	186.02
	115.62	Power Line	45'-0"	12 KV	
5433+08	115.62	Communication Cable (TOWMS)		Pedestal	
5445+00	115.84	Communication Cable (TOWMS)		Pedestal	
5447+50	115.89	Communication Cable (TOWMS)		Pedestal	
	116.45	Stilling Well (Rt)			
5476+35	116.46 DMC (4-154)	Begin Transition - Control Structure and Road Crossing Safety Float Boom		Concrete Structure	146.86
5477+10	116.48	Measuring Bridge Foot	4'	Steel	187.45
5477+22	116.48 DMC (4-154)	Bridge, County (Bass Avenue) CVP Sign (Rt)	26'	Concrete	187.45
5477+37	116.48	Check No. 21 Control Structure Chain Link Fence	3-18'0"x18'0"	Radial Gate	187.45
5477+84±	116.49	(Lt) Tele. 17.5' (Rt) Tele. 16'			187.47
5478+54	116.50	End Transition Control Structure and Road Crossing		Concrete	187.48
5478+54	116.50	Bureau Maintenance Yard (Rt) (Fresno Field Division)			
5485+50	116.61 DMC (4-155)	End of Earth Section No. 12 Waters Edge (Mendota Pool)	187.66		

DELTA-MENDOTA CANAL
Westley Wasteway

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
1072+55	34.32 WW (1-1)	Centerline - Delta-Mendota Canal		Sta. 0.00 W.W.W.= Sta. 1072+55 DMC	55.23
		Power Line Parallel w/w	41'-6"	230 KV	
0+24	0.00 WW(1-1)	Begin Transition Westley Wasteway Turnout		Concrete Structure	0
0+67	0.01	Wasteway Turnout	2-20'0"x18'6" Q=4400	Radial Gate	0.016
1+05	0.02	PT&T conduit (Remote Control)	2-1/2"	Steel Pipe	0.032
1+55	0.03	End Transition Wasteway Turnout	Concrete Structure		0.048
1+55		Begin Transition Wasteway Channel	Concrete	0.048	
5+02.10 Bk.=5+03.41 Ah. (Equation)					
16+38	0.31	Drain Inlet (Lt)	18"	Concrete Pipe	0.498
16+58	0.31 WW (1-2)	Bridge, Farm (Vendor) Design Load Limit - 10 Tons	16'	Timber w/Steel Stringers	0.498
16+76	0.32	Lateral Crossing (West Stanislaus I.D.) (No. 6 South)	5'0"x5'0" Bbl.	Concrete w/17-1/2" Blowoff	0.515
18+70	0.35	Drain Inlet (Rt)	14"	Concrete Pipe	0.563
19+37	0.37 WW (1-2)	Bridge, County (Stark Rd.) Design Load Limit - 15 Tons	24'	Concrete	0.595
33+42	0.63	Drain Inlet (Lt)	30"	Concrete Pipe	1.01
33+55	0.64 WW (1-3)	Bridge, Farm Design Load Limit - 10 Tons	16'	Timber w/Steel Stringers	1.03

DELTA-MENDOTA CANAL
Westley Wasteway

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
33+75	0.64	Lateral Crossing (West Stanislaus I.D.) (No. 5 South)	5'0"x5'0" Bbl.	Concrete w/17-1/2" Blowoff	1.03
62+07	1.18 WW (1-3)	Drain Inlet (Lt)	18"	Concrete Pipe	1.90
62+26	1.18 WW (1-4)	Bridge, Farm Design Load Limit - 10 Tons	16'	Timber w/Steel Stringers	1.90
62+46	1.18	Lateral Crossing (West Stanislaus I.D.) (No. 4 South)	5'0"x5'0" Bbl.	Concrete w/17-1/2" Blowoff	1.90
81+90	1.55	Drain Inlet (Rt)	14"	Concrete Pipe	2.49
91+99.76 Bk.=92.00 Ah. (Equation)					
92+10	1.74	Drain Inlet (Lt)	18"	Concrete Pipe	2.80
93+15	1.76	Bridge, County (Howard Road) Design Load Limit 15 Tons	24'	Concrete	2.83
107+68	2.04	Drain Inlet (Rt)	18"	Concrete Pipe	3.28
107+68	2.04	Drain Inlet (Lt)	12"	Concrete Pipe	3.28
107+72	2.04	Drain Inlet (Rt)	10"	CMP	3.28
107+72	2.04	Drain Inlet (Lt)	10"	CMP	3.28
107+90	2.04	Telephone Line			3.28
108+5	2.05 WW (1-7)	Bridge, State (Highway 33) 2 CVP Signs u/s (Lt)(Rt)	20'-0"	Concrete	3.30
	2.05	PowerLine	35'-0"	60 KV	

DELTA-MENDOTA CANAL
Westley Wasteway

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
108+45	2.05	Signal Line	20'-6"		3.30
108+46	2.05	Oil Line Crossings over Wasteway (Getty Oil Co.)	8"	Steel Pipe	3.30
108+48	2.05	Telephone Line	22'-0"		3.30
108+48	2.05	Buried Oil Line Crossing	8"	Steel Pipe	3.30
108+85	2.06	Bridge, R.R. (S.P.R.R.)	Single Track	Concrete w/steel Stringers	3.31
109+24	2.07	Telephone Line	(PT&T)		3.33
109+43	2.07	Pipe Crossing over Wasteway (Ann S. Cox)	18"	Steel Pipe	3.33
121+17	2.30	Drain Inlet (Lt)	18"	Concrete Pipe	3.70
121+35	2.30 WW (1-8)	Bridge, Farm Design Load Limit - 10 Tons (O&M by USBR)	16'	Timber w/Steel Stringers	3.70
121+55	2.30	Lateral Crossing (West Stanislaus I.D.) (No. 3A South)	4'6"x4'6" Bbl.	Concrete w/17-1/2" Blowoff	3.70
149+20	2.83	Shoulder Drain Inlet (Lt)	6"	CMP	4.55
157+13	2.98	Drain Inlet (Lt)	30"	Concrete Pipe	4.79
157+35	2.98 WW (1-10)	Bridge, Farm Design Load Limit - 10 Tons	16'	Timber w/Steel Stringers	4.79

DELTA-MENDOTA CANAL
Westley Wasteway

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
157+59	2.98 WW (1-10)	Lateral Crossing (West Stanislaus I.D.) (No. 2 South)	4'6"x4'6" Bbl.	Concrete w/17-1/2" Blowoff	4.79
157+90	2.99 WW (1-10)	Bridge, Farm Design Load Limit - 10 Tons	16'	Timber w/Steel Stringers	4.81
185+52	3.51	Begin Underdrain	6"	Concrete Pipe	5.65
189+14	3.58	Drain Inlet (Rt)	14"	Concrete Pipe	5.76
189+44	3.59 WW (1-12)	Bridge, County Design Load Limit - 15 Tons (River Road) Water Stage Recorder d/s Side of Bridge	24'	Concrete	5.78
		Phone Line	16'-0"		
189+60	3.59	Powerline	33'-0"	60 KV	5.78
200+00	3.79	Begin Drop Structure		Concrete	6.10
200+65	3.80	End Underdrain	6"	Concrete Pipe	6.11
201+37	3.82 WW (1-12)	Bridge, Farm Design Load Limit - 10 Tons	20'	Concrete w/Steel Stringers	6.15
202+34	3.84	End Drop Structure		Concrete	6.18
202+34	3.84	Begin Unlined Channel			6.18
212+22	4.01 WW (1-13)	End Wasteway Edge of Water			6.45

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
2147+00	54.38	Centerline - Delta-Mendota Canal		Sta.0.00 NWW = Sta.2147+00 DMC	87.51
0+24	0.00 NW (1-2)	Begin Transition Newman Wasteway Turnout	Structure	Concrete	0.00
0+67	0.01	Wasteway Turnout Q=4300	2-20'0"x18'6"	Radial Gate	0.016
1+10	0.02	PT&T Conduit (Remote Control)	2-3/8"	Steel Pipe	0.032
1+43	0.03	Shoulder Drain Inlet (Lt)	8"	CMP	0.048
1+79.50	0.04	End Transition Newman Wasteway Turnout	Structure	Concrete	0.064
1+79.50	0.04	Begin Lined Section No. 1	Q=4300	Concrete Lined	0.064
	0.06	Power Line	36'-0"	12 KV	
		Power Line	5'-0"	12 KV	
27+50	0.50	Irrigation Crossing	6"	Steel Pipe	0.804
54+00	1.02	Drain Inlet (Lt)	24"	Concrete Pipe	1.64
60+14.65 Bk. = 60+00.00 Ah. (Equation)					
60+18	1.14 NW (1-5)	Bridge, County (Eastin Road)	24'	Concrete	1.83
	1.15	Power Line Crossing			
74+90	1.42	Drain Inlet (Lt) (Orestimba Soil Const District)	30"	Concrete Pipe w/Flap Gate	2.28
75+15	1.43	Drain Inlet (Rt)	24"	Concrete Pipe	2.30
75+50	1.44	Drop Structure Inlet Headwall	2-11'6"x 22'0" Bbls.	Concrete	2.32

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
75+90	1.44 NW (1-6)	Canal Crossing (San Joaquin, Kings River Canal)		Concrete	2.32
76+00	1.44	Bridge, Operating (San Joaquin, Kings River Canal)	16'	Timber	2.32
76+87	1.46	Drop Structure Outlet Headwall	2-11'6"x 22'0" Bbls.	Concrete	2.35
78+02	1.48	Begin Earth Section No. 2	Q=4300	Earth	2.38
93+78.89 Bk. = 93+00.00 Ah. (Equation)					
97+06	1.86	Drain Inlet (Rt)	18"	Concrete Pipe w/concrete chute	2.99
113+07	2.16	Drain Inlet (Lt)	18"	Concrete Pipe	3.47
113+07	2.16	Drain Inlet (Rt)		w/concrete chute	3.47
113+17	2.16	Powerline (PG&E)	46'-0"	12 KV+60 KV	3.47
113+38	2.17 NW (1-8)	Bridge, County (Draper Rd.)	24'	Concrete	3.49
		Conduit Crossing on d/s Side of Bridge	1-1/2'	Steel Pipe	
130+85	2.48 NW (1-9)	Drop Structure Inlet Headwall	2-11'6"x 22'0" Bbls.	Concrete	4.02
132+01	2.52 NW (1-9)	Drop Structure Outlet Headwall	2-11'6"x 22'0" Bbls.	Concrete	4.05
148+50	2.83	Drain Inlet (Rt)	18"	Concrete Pipe w/concrete chute	4.55
152+80	2.91	Drain Inlet (Lt) w/Flap Gate and concrete chute	18"	Concrete Pipe	4.68

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
166+38	3.17 NW (1-11)	Bridge, County (Whitworth Road)	24'	Concrete	5.10
		Pipe Under Roadway	18"	Concrete Pipe	
		Telephone Conduit on d/s Side of Bridge	3"	Steel Pipe	
179+54	3.42	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate and concrete chute	5.50
190+00	3.62	Drain Inlet (Rt)	18"	Concrete Pipe w/Flap Gate and concrete chute	5.82
220+90	4.21	Drop Structure Inlet Headwall CVP Signs w/s (Lt)(Rt)	2-11'6"x 22'0" Bbls.	Concrete	6.77
221+10	4.21 NW (1-14)	Drain Inlet (Lt) End Newman Service Lateral (Lat. Sta. 150+24)	24"	Concrete Pipe	6.77
221+16	4.21	Power and Telephone Line (PG&E)	6 wire 2 wire		6.77
221.46	4.21 NW (1-14)	Highway Crossing (Highway No. 33)		Asphalt	6.77
221+87	4.22	Oil Line Crossing (Getty Oil Co.) Buried over barrel	8"	Steel Pipe	6.79
221+89	4.22	Telegraph Line	15 wire		6.79
221+93	4.22	Oil Line Crossing (Getty Oil Co.) Buried over barrel	8"	Steel Pipe	6.79
222+29	4.23 NW (1-14)	R.R. Crossing (S.P.R.R.)	Single Track		6.81

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
222+72	4.24	Signal Line	9 wire		6.82
222+73.83	4.24 NW (1-14)	Drop Structure Outlet Headwall	2-11'6"x 22'0" Bbls.	Concrete	6.82
223+38	4.25	Drain Inlet (Rt)	18"	CMP	6.84
232.32	4.42	Drain Inlet (Rt)	18"	Concrete Pipe w/concrete chute	7.11
232+28	4.42	Drain Inlet (Lt)	18"	CMP	7.11
232+32	4.42	Telephone Line	29'0"		7.11
232+52	4.42 NW (1-18)	Bridge, County (Canal School Road)	24'	Concrete	7.11
		Gasline Crossing (PG&E) on d/s Side of Bridge	4"	Steel Pipe	
239+74	4.56	Powerline	40'-0" 3 wire (PG&E)	12 KV	7.34
259+15	4.93 NW (1-19)	Bridge, Farm	20'	Timber	7.93
265+00	5.04	Drain Inlet (Lt)	2-18"	Concrete Pipe w/concrete chute	8.11
267+00	5.08	Drain Inlet (Rt)	18"	Concrete Pipe w/concrete chute	8.17
267+88	5.09 NW (1-19)	Irrigation Pipe Crossing on Timber	24"	Steel Pipe	8.19
			Pile Bents (T. & R. Cotta)		
279+25	5.31	Drain Inlet (Lt)	18"	Concrete Pipe w/Flap Gate and concrete chute	8.54
288+55	5.49 NW (1-21)	Drop Structure Inlet Headwall	2-11'6"x 22'0" Bbls.	Concrete	8.83
288+71	5.49	Drain Inlet (Lt)	18"	Concrete Pipe	8.83

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
289+21	5.50	Road Crossing (Brazo Road)			8.85
289+71	5.51 NW (1-21)	Drop Structure Outlet Headwall	2-11'6"x22'0" Bbls.	Concrete	8.87
297+50	5.65	Drain Inlest (Rt)	18"	Concrete Pipe w/Concrete Chute	9.09
	5.95	Drain Inlet	14"	CMP	
316+40	6.01	Pipe Crossing on concrete piers	36"	Steel Pipe	9.67
317+40	6.03	Drain Inlet (Lt) (Simon Newman Co.)	12"		
317+40	6.03 NW (1-22)	Bridge, Farm, Rehabilitated on u/s Side of Bridge Maintained by USBR	16'	Timber & Concrete Piles	9.70
340+50	6.47	Drain Inlet (Lt)	12"	Steel Pipe	10.41
360+85	6.86 NW (1-25)	Drop Structure inlet Headwall	2-11'6"x22'0" Bbls.	Concrete	11.04
362+01	6.88	Drop Structure Outlet Headwall - Life Ring Shelter	2-11'6"x22'0" Bbls.	Concrete	11.04
	6.96	Powerline	37'-0"	12 KV	
367+25	6.97	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate and Concrete Chute	11.21
386+00	7.33	Drain Inlet (Rt)	24"	Conctete Pipe w/Flap Gate Outlet w/Screw-Lift Metal Inlet Gate	11.79
428+75	8.14	Drain Inlet (Rt)	24"	Concrete Pipe w/Flap Gate Outlet w/Scre-Lift Metal Inlet Gate	13.10
432+70	8.21	End Schedule			13.21

DELTA-MENDOTA CANAL
Newman Wasteway
Newman Service Lateral

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
0+00	0+00	Turnout Structure (S.J. & K.R. Canal) N.W.W. Mile Post 1.43	2-36" Q=58	Concrete Type	0
0+50	0.07	Drain Inlet (Lt.)			0.11
5+01.15 Bk. = 5+00.00 Ah. (Equation)					
19+90	0.38	Turnout, Gravity (Lt)	15"	Concrete Pipe	0.61
19+99	0.38	Turnout, Graviety (Lt)	24"	Concrete Pipe	0.61
24+43	0.46	Turnout, Graviety (Lt)	15"	Concrete Pipe	0.74
24+81	0.47	Check Drop	5'0"x4'6"	Concrete w/Stop Plantks	0.75
40+10	0.76	Conduit (PT&T)	1-1/2"	Steel Pipe Buried	1.22
40+51	0.77	Siphon inlet	36"	Concrete Pipe Headwall	1.24
40+90	0.78	County Road Crossing		Asphalt (Draper Road)	1.25
41+23	0.78	Siphon Outlet	36"	Concrete Pipe Headwall	1.25
41+40	0.79	Turnout, Gravity (Lt)	15"	Concrete Pipe	1.27
41+45	0.79	Check	5'0"x4'0"	Concrete w/Stop Planks	1.27
57+16	1.10	Siphon Inlet	4'0"x2'3"	Concrete Box Headwall	1.77 Bbl.
57+42.78	1.11	Drainage Channel		Earth	1.78
57+68	1.11	Siphon Inlet	4'0"x2'3"	Concrete Box Headwall	1.78 Bbl.
80+39	1.52	Drain Inlet (Lt)	18"	Concrete Pipe w/Flap Gate	2.44

DELTA-MENDOTA CANAL
Newman Wasteway
Newman Service Lateral

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
80+55	1.53	Turnout, Gravity (Lt)	15"	Concrete Pipe	2.46
80+73	1.		Turnout,	Gravity (Lt)	15" Concrete P:
80+82	1.53	Check Drop	5'0"x4'0"	Concrete w/Stop Planks	2.46
93+69	1.77	Siphon Inlet Headwall	36"	Concrete Pipe	2.85
94+10	1.78	County Road Crossing		Asphalt (Whitworth Road)	2.86
95+50	1.79	Siphon Outlet	36"	Concrete Pipe Headwall	2.88
94+54	1.79	Buried Telephone	2 wire	Conduit	2.88
94+70	1.79	Turnout, Gravity (Lt)	18"	Concrete Pipe	2.88
94+75	1.79	Check	5'0"x4'0"	Concrete w/Stop Plantks	2.88
107+27	2.03	Turnout, Gravity (Lt)	24"	Concrete Pipe	3.26
107+38	2.03	Turnout, Gravity (Lt)	15"	Concrete Pipe (Central California I.D.)	3.26
107+42	2.04	Check	5'0"x3'6"	Concrete w/Stop Planks	3.28
120+75	2.29	Turnout, Gravity (Lt)	24"	Concrete Pipe	3.68
123+87	2.35	Turnout, Graviety (Lt)	24"	Concrete Pipe (Central California I.D.)	3.78
126+30	2.39	Turnout, Gravity (Lt)	2-24"	Concrete Pipe (Central California I.D.)	3.84
126+49	2.40	Turnout, Gravity (Lt)	15"	Concrete Pipe (Central California I.D.)	3.86

DELTA-MENDOTA CANAL
Newman Wasteway
Newman Service Lateral

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
126+81	2.40	Check Drop w/Stop Planks	5'0"x4'0"	Concrete	3.86
133+87	2.54	Turnout, Gravity	15"	Concrete Pipe (Central California I.D.)	4.09
140+89	2.67	Turnout, Gravity (Lt)	15"	Concrete Pipe (Central California I.D.)	4.29
141+33	2.68	Check Drop	5'0"x4'0"	Concrete w/Stop Planks	4.31
148+05	2.81	Drain Inlet (Lt)	12"	CMP w/Flap Gate	4.52
148.05	2.81	Drain Inlet (Rt)	10"	CMP	4.52
148+83	2.82	Beginning Waste-	24"	Concrete Pipe water Pipe	4.54
150+24	2.83	End Wastewater Pipe	24"	Concrete Pipe (Drain Inlet End in N.W. at Highway 33 Crossing - Wasteway Milepost 4.21)	4.55

DELTA-MENDOTA CANAL
Volta Wasteway

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
3022+00	69.98	Centerline - Delta-Mendota Canal		Sta.0.00 SLWW= Sta. 3022+00 DMC	112.62
0+24	0.00	Begin Transition Volta Wasteway Turnout		Concrete	0
0+69	0.01	Wasteway Turnout	2-15'0"x19'3" Q=5000	Radial Gates	0.016
	0.03	Powerline	30'-0"	120/240	
1+25	0.03	End Transition Wasteway Turnout		Concrete	0.048
1+25	0.03	Begin Turnout Stilling Pool		Concrete	0.048
1+35	0.03	Drain Inlets (Lt) (Rt)	10"	CMP	0.048
2+20	0.04	Drain Inlet (Rt)	6'6"x4'6"	Concrete	0.064
2+20	0.04	Drain Inlet (Lt)	4'0"x3'0"	Concrete	0.064
3+42	0.07	End Turnout Stilling Pool			0.112
3+42	0.07	Begin Earth Section No. 1	Q=5000	Earth	0.112
10+27±	0.20	Centerline - O'Neill Forebay Wasteway Channel (Lt)			0.322
35+36 SLW	0.67 (1-3)	High-Pressure Oil Line Crossing On Steel Piers (Getty Oil Co.)	20"	Steel Pipe	1.08
35+61 SLW	0.67 (1-3)	Oil Line Crossing (Std. Oil Co.)	18"	Steel Pipe	1.08
		Gasline Crossing (Stan. Pac. Co.) On Steel Piers	26"	Steel Pipe	
	1.15	Phone Line	17'-6"		

DELTA-MENDOTA CANAL
Volta Wasteway

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
60+50	1.15 SLW (1-4)	Bridge, Farm Measuring Bridge	16'	Timber	1.85
		Sewer Pipeline d/s of Bridge Santa Nella	6"	Steel (Mortar-lined)	
	1.15	Power Line (not in service)	28'-6"	12 KV	
76+80	1.46	Drop Structure SLW (1-5)	2-11'0"x22'0" Inlet Headwall Underdrain Bbls.	Concrete	2.35
		Beneath Structure	18"	Concrete Pipe	
77+23	1.46	Drain Pipe Crossing over Structure	18"	Concrete Pipe	2.35
	1.47	Power Line	54'-0"	12 KV	
77+52	1.47	Highway Crossing (State highway 33)		Asphalt	2.36
77+81	1.48	Drain Pipe Crossing over Structure	18"	Concrete Pipe	2.38
78+22.58	1.50	Drop Structure Outlet Headwall	2-11'0"x22'0" Bbls.	Concrete	2.41
	1.50	2 CVP Signs (Lt)			
89+66	1.70 SLW (1-6	Bridges, State Freeway (Interstate 5) Load Limit H20-516-44	2-39'8"	Concrete	2.73
	1.93	Power Line Crossing	33'-6"	12 KV	
101+95	1.93	Begin Drop Underdrain	2-11'0"x22'0" Bbls.	Concrete	3.10
		Beneath Structure	18"	Concrete Pipe	
	1.96	Phone Line	23'-6"		
103+30	1.96	Canal Centerline (Outside Canal)		Concrete Lined Open Ditch	3.15

DELTA-MENDOTA CANAL
Volta Wasteway

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
	1.97	Power Line	29'-0"	12 KV	
105+09	1.99 SLW (1-7)	End Drop	2-11'0"x22'0" Bbls.	Concrete	3.20
157+00	2.97 (1-14)	Bridge, County	24'	Concrete	4.78
	2.97	Power Line	29'-6"	12 KV	
157+00	2.97	PT&T Buried Cable Crossing			4.78
		Power Line	35'-6"	12 KV	
		Phone Line	23'-0"	12 KV	
189+33	3.59 SLW (1-16)	Begin Drop	2-11'0"x22'0" Bbls.	Concrete	5.77
		Underdrain Beneath Structure	18"	Concrete Pipe	
	3.62	Power Line	34'-0"	12 KV	
190+95	3.62	Canal Centerline (Main Canal)		Concrete Lined Open Ditch	5.82
	3.62	Phone Line 20'-0"			
192+67	3.65 SLW (1-16)	End Drop	2-11'0"x22'0" Bbls.	Concrete	5.87
	3.85	Power Line	41'-0"	12 KV	
235+91	4.47	Power Line Crossing	37'-0"	12 KV	7.19
	5.47	Power Line	47'-0"	12 KV	
305+00	5.78	Drain Inlet (Lt)	18"	Concrete Pipe w/Flap Gate and Concrete Chute w/Screw-Lift Metal Gate Inlet	9.30
313+21	5.93	End Earth Section No. 1	Q=5000	Earth	9.54

DELTA-MENDOTA CANAL
Volta Wasteway

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
313+91	5.95 SLW (1-22)	Drop Structure Inlet Headwall Underdrain Beneath Structure	2-11'0"x22'0" Bbls. 18"	Concrete Concrete Pipe	9.57
314+44	5.96	Oil Line Crossing (Getty Oil Co.) Buried	8"	Steel Pipe	9.59
314+48	5.96	Oil Line Crossing (Getty Oil Co.) Buried	8"	Steel Pipe	9.59
	5.96	Phone Line	20'-6"		
314+79	5.96	R.R. Crossing (S.P.R.R.)		1 Track	9.59
315+58	5.98	Road Crossing (Ingomar Road)		Asphalt	9.62
	5.99	Power Line Crossing	53/-0"	12 KV	
316+11	5.99 SLW (1-22)	Drop Structure Outlet Headwall	2-11'0"x22'0" Bbls.	Concrete	9.64
		Power Line	25'-6"	120/240 V	
316+25	5.99	Turnout Pump (Rt)	42"	Concrete Pipe	9.64
316+99	6.00	Drain Inlet (Rt)	30"	Concrete Pipe	9.65
	6.01	Drain Inlet (Rt)	18"	CMP	
317+46	6.01	End Drop Structure Outlet Transition Begin Earth Transition Section		Concrete Earth	9.67
319+46	6.05 SLW (1-22)	Begin Earth Section No. 2	Q=5000	Earth	9.73
	7.93	Bridge Turnouts (Grasslands W.D.)	16' 3-54" Rt. 1-24" Lt.	Timber Concrete Pipe Concrete Pipe	

DELTA-MENDOTA CANAL
Volta Wasteway

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
409+25	7.94 SLW (1-38)	Control Structure (State)	2-18'0"x5'0"	Radial Gate W/Spillway	12.78
473+04	8.95	Turnout - Residual Drainage	24"	Concrete Pipe	14.40
473+04	8.95	Begin Transition - Reservoir Outlet Structure		Concrete	14.40
473+30	8.96 SLW (1-32)	Bridge	16'	Concrete	14.42
473+43	8.96	Turnout, Reservoir Reservoir Outlet Structure	10'0"x5'4"	Radial Gate	14.42
473+96	8.98 SLW (1-32)	End Transition - Reservoir Outlet Structure		Concrete	14.45
473+96	8.98	Begin Outlet Channel		Earth Section	14.45
627+24	11.88	End Outlet Channel		Earth Section	19.12

*Sequence for Air Photos: SLW (1-22)
(1-51)
(1-34)
(1-35)
(1-36)
(1-37)
(1-38)
(1-39)
(1-40)
(1-31)
(1-32)

DELTA-MENDOTA CANAL
Firebaugh Wasteway

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
5200+90	111.22	Centerline - Delta-Mendota Canal		Sta. 0.00 FWW = Sta. 5200+90 DMC	178.95
0+16	0.00 FW (1-1)	Begin Transition Firebaugh Wasteway Turnout		Concrete Structure	0
0+67	0.01	Wasteway Turnout	2-13'0"x15'0" Q=3300	Radial Gate	0.016
1+28	0.03	End Wasteway Turnout		Concrete Structure	0.048
	0.03	Power Line	42'-6"	12 KV	
1+28	0.03	Begin Turnout Stilling Pool		Concrete	0.048
2+40	0.05	Drain Inlet (Rt)	24"	Concrete	0.080
3+14	0.06	End Turnout Stilling Pool		Concrete	0.096
3+14	0.06	Begin Wasteway Channel		Earth Section	0.096
9+69	0.19	Drain Inlet (Rt)	18"	Concrete Pipe	0.305
9+71	0.19	Drain Inlet (Lt)	24"	Concrete Pipe	0.305
9+75	0.19 FW (1-2)	Siphon Inlet Headwall (Outside Canal)	2-12'0"x16'0" Bbls.	Concrete	0.305
10+63	0.20	Canal Centerline (Outside Canal)		Unlined Open Ditch	0.322
11+46	0.22	Irrigation Pipe Crossing under Operating Road	18"	Concrete Pipe	0.354
11+75	0.23 FW (1-2)	Siphon Outlet Headwall (Outside Canal)	2-12'0"x16'0" Bbls.	Concrete	0.370
11+79	0.23	Drain Inlet (Rt)	18"	Concrete Pipe	0.370
11+80	0.23	Drain Inlet (Lt)	18"	Concrete Pipe	0.370
26+60	0.51	Drain Inlet (Lt)	18"	Concrete Pipe	0.820

DELTA-MENDOTA CANAL
Firebaugh Wasteway

STATION	MILES (AIR PHOTO) (FLT. 1966)	STRUCTURE	SIZE	TYPE	KILO-METER
26+70	0.51	Drain Inlet (Rt)	24"	Concrete Pipe	0.820
26+75	0.51	Siphon Inlet	2-12'0"x16'0"	Concrete	0.820
27+85	0.53 FW (1-3)	Canal Centerline (Main Canal)		Unlined Open Ditch	0.853
	0.55	Power Line	22'-0"	120/240 V	
28+95	0.55 FW (1-3)	Siphon Outlet Headwall (Main Canal)	2-12'0"x16'0" Bbls.	Concrete	0.885
	0.57	Power Line	33'-0"	12 KV	
29+50	0.64	Canal Centerline (Co. Rd.)			1.03
44+80	0.86	Drain Inlet (Rt)	36"	CMP w/Flap Gate	1.38
45+05	0.87	Drain Inlet (Rt)	30"	Concrete Pipe w/Screw-Lift Metal Gate at Outlet	1.40
	0.87	Drain Inlet	16"	Steel	
57+66	1.10 FW (1-4)	San Joaquin River Bank			1.77
62+26	1.18	Levee			1.90