Sections	State	Fed. Aid Route No.	Total Sheets	Sheet No.	Total Sheets
2	CAL	710(2)	53	42	47

M. A. Nichols
COUNTY ROAD COMMISSIONER
C.E. LICENSE NO. 8496

Dist	County	Route	Sec	Sheet No.	Total Sheets
VIII	S.Bd.	F.A.S. 710	2	42	47

SUMMARY OF DRAINAGE STRUCTURES

Dist Eng. Dist VIII

Approved

Station	Auxiliary Structures & Remarks	Length Culvert (Ft.)	Pipe Length (Ft.) Corrugated Metal 15"	18"	24"	30"	36"	18"x11"	29"x18"	53"x31"	R.C.P. 12"	15"	10" Conc. Irrig. Pipe	Excavation (C.Y.) Struct.	D&C	Class A P.C.C. (C.Y.)	Bar Reinf. Steel (Lbs.)	Culvert Markers	Salvage 18" R.C.P.	C.M.P. Arch 36"x22"	Light Stone Riprap (C.Y.)
0+35 Lt.	Const. 2 Std. 3'x4' Drop Inlets with Conc. Covers. Connect D.I.'s with 15 inch C.M.P.		14											12.24		1.82	360				
0+46 to 3+36 Lt.	Install 18"x11" C.M.P. Arch							290						121.97							
3+36	Extend 24" C.M.P. 8' on Lt. and 6' on Rt. Remove exist Headwalls and Const "L" type Headwall on Lt. and Std. Headwall on Rt. Const. Ditch Rt.				14									27.47	10	3.08	82	2			
19+99.21	Extend 36" C.M.P. 16' on Lt. Remove exist Headwall Const. Std. Headwall Lt. and Rt. - Increase height on Rt. Headwall 0.5'						16							38.41		3.35	80	2			
31+29	Salvage Exist 18" R.C.P. Install 18" C.M.P., Const. Hdwls. Lt. & Rt.			114										75.39		1.32	44	2	82'		
33+60.7	Extend 30" C.M.P. 18' Lt. and 24' Rt. Remove exist Headwall, Lt. & Rt. Const. Std. Headwalls Rt. and Lt.					42								49.43		2.54	70	2			
36+24.76	Remove exist. Conc. Bridge Abutments, Install 3-15'8" x 9'7" Multi-Plate Corr. Metal Arch Pipe									418				3540.00				2			300
74+38	Install - 12" R.C. - Siphon Pipe										112			43.0							
80+03	Install - 15" R.C. - Siphon Pipe											112		84.0							
74+38 to 80+04 Rt.	Install - 10" Conc. Irrigation Pipe												566	180.0							
80+13	Install - 36"x22" C.M.P. Arch													40.44				2		70	
106+31	Install - 29"x18" C.M.P. Arch - 38' Lt. Const. 2 Std. Headwalls								58					25.51	11	2.54	70	2			
	Install - 29"x18" C.M.P. Arch - 31' Rt. Const. 2 "L" Type Headwalls								76					32.53	6	5.42	140	2			
159+80	Install - 29"x18" C.M.P. Arch. Const. 2 Std. Headwalls								56					31.94		1.32	44	2			
74+64 to 80+03	Type "A" Irrigation Flume													38		21	210.36	Sq. Yds. Mesh Reinf. 6x6x6 Ga.			
80+05 to 82+08	Type "B" Irrigation Flume													15		9.5	91.11	Sq. Yds. Mesh Reinf. 6x6x6 Ga.			
Totals			14	114	14	42	16	290	190	418	112	112	566	4355.05	27	51.89	301.49 890	Sq. Yds. Mesh Reinf. 6x6x6 Ga. 14	82	70	300

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VIII	S.Bd.	F.A.S. 710	2	42	47

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Dist Eng. Dist VIII

Approved

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Totals			14	114	14	42	16	290	190	418	112	112	566	4355.05	27	51.89	301.49 890	Sq. Yds. Mesh Reinf. 6x6x6 Ga. 14	82	70	300