Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha	44	46.6/48.3	28	70

REGISTERED CIVIL ENGINEER 05-14-09 DATE

05-15-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JUSTIN W. BORDERS No. C65618 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

DRAINAGE QUANTITIES

DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No. ⬡	DRAINAGE UNIT No. ◯	REMOVE HEADWALL	REMOVE INLET	REMOVE FES	ABANDON CULVERT	REMOVE CULVERT	RSP (BACKING NO. 1, METHOD B)	DITCH EXCAVATION	36" REINFORCED CONCRETE PIPE	MISCELLANEOUS IRON AND STEEL	MINOR CONCRETE (MINOR STRUCTURE)	24" STEEL FLARED END SECTION	36" STEEL FLARED END SECTION	24" CORRUGATED STEEL PIPE (.109" THICK)	36" CORRUGATED STEEL PIPE (.109" THICK)	H (FT) (N)	SAND BACKFILL	DESCRIPTION	STATION	DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No. ⬡	DRAINAGE UNIT No. ◯
			EA	EA	EA	LF	LF	CY	CY	LF	LB	CY	EA	EA	LF	LF		CY					
L-1	1	a										1.4							STRAIGHT HEADWALL	"A1" 22+00.00	L-1	1	a
		b														117			24" CORRUGATED STEEL PIPE				b
		c												1					24" FLARED END SECTION				c
		d						5.3											RSP (BACKING NO. 1, METHOD B)				d
L-2	2	a										1.5							STRAIGHT HEADWALL	"A1" 33+50.00	L-2	2	a
		b														135			24" CORRUGATED STEEL PIPE				b
		c												1					24" FLARED END SECTION				c
		d						5.3											RSP (BACKING NO. 1, METHOD B)				d
L-3	3	a									634	2.0					4.13		DRAINAGE INLET (TYPE GDO Mod.)	"A1" 40+50.00	L-3	3	a
		b													91				24" CORRUGATED STEEL PIPE				b
		c											1						24" FLARED END SECTION				c
		d						5.3											RSP (BACKING NO. 1, METHOD B)				d
		e										1.5							CONCRETE APRON AND CURB				e
L-4	4	a								4.30	236	0.6					4.30		DRAINAGE INLET (TYPE GCP Mod.)	"A1" 52+25.00	L-4	4	a
		b													96				24" CORRUGATED STEEL PIPE				b
		c											1						24" FLARED END SECTION				c
		d						5.3											RSP (BACKING NO. 1, METHOD B)				d
		e							35										DITCH EXCAVATION				e
L-4	5	a									634	2.6					6.02		DRAINAGE INLET (TYPE GDO Mod.)	"A1" 59+50.00	L-4	5	a
		b													81				24" CORRUGATED STEEL PIPE				b
		c											1						24" FLARED END SECTION				c
		d						5.3											RSP (BACKING NO. 1, METHOD B)				d
		e										1.5							CONCRETE APRON AND CURB				e
L-5	6	a								5.54	236	0.6					5.54		DRAINAGE INLET (TYPE GCP Mod.)	"A1" 70+00.00	L-5	6	a
		b													99				24" CORRUGATED STEEL PIPE				b
		c											1						24" FLARED END SECTION				c
		d						5.3											RSP (BACKING NO. 1, METHOD B)				d
L-5	7	a									634	2.1					4.59		DRAINAGE INLET (TYPE GDO Mod.)	"A1" 78+50.00	L-5	7	a
		b													92				24" CORRUGATED STEEL PIPE				b
		c											1						24" FLARED END SECTION				c
		d						5.3											RSP (BACKING NO. 1, METHOD B)				d
		e				54												3.53	ABANDON CULVERT				e
		f		1															REMOVE DRAINAGE INLET				f
L-2	8	a					70												REMOVE CULVERT		L-2	8	a
		b	1																REMOVE HEADWALL				b
L-2	9	a					62												REMOVE CULVERT		L-2	9	a
		b			1														REMOVE FES				b
L-3	10	a					66												REMOVE CULVERT		L-3	10	a
		b			1														REMOVE FES				b
L-4	11	a					53												REMOVE CULVERT		L-4	11	a
		b			1														REMOVE FES				b
L-5	12	a				56												2.54	ABANDON CULVERT		L-5	12	a
		b			1														REMOVE FES				b
		c		1															REMOVE DRAINAGE INLET				c
GRAND TOTALS			1	2	4	110	251	*	35	9.84	2374	12.8	5	2	459	252		6.1					

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY
* - QUANTITY SHOWN ON ROADWAY QUANTITIES (SHEET Q-1)

1 1

1 REVISED PER ADDENDUM No. 1, DATED DECEMBER 23, 2009

DRAINAGE QUANTITIES
DQ-1

REVISED BY | DATE REVISED
TERI ANDERSON | JUSTIN BORDERS
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: AL TRUJILLO

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

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LAST REVISION 12-21-09 | DATE PLOTTED => 21-DEC-2009 | TIME PLOTTED => 10:53