SUPERSEDES EXAMPLE RELEASED 10/30/09

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla	65	R11.9/R24.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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

ABBREVIATIONS:

APDD ALTERNATIVE PIPE DOWNDRAIN
DA DEPRESSED APRON

NOTES:

1. FOR ALLOWABLE ALTERNATIVES FOR APC, AFES & APDD, SEE DRAINAGE DETAILS SHEET.
2. EXCEPT FOR PIPE DOWNDRAINS WHICH REQUIRE WATER TIGHT JOINTS, ALL JOINTS ARE STANDARD JOINT TYPE.

DRAINAGE QUANTITIES

DRAINAGE SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	REMOVE HEADWALL/WINGWALL	ABANDON CULVERT	REMOVE CULVERT	REMOVE INLET	SAND BACKFILL	REMOVE OVERSIDE DRAIN	ALTERNATIVE PIPE CULVERT			ALTERNATIVE FLARED END SECTION			REINFORCED CONCRETE PIPE (CLASS 4)			CONCRETE FLARED END SECTION			18" ANCHOR ASSEMBLY	18" CORRUGATED STEEL PIPE DOWNDRAIN (.109" THICK)	(N) PIPE ELBOW	18" CORRUGATED STEEL PIPE (.138" THICK)	MISCELLANEOUS IRON AND STEEL	MINOR CONCRETE (MINOR STRUCTURE)	ROCK SLOPE PROTECTION (FACING, METHOD B)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	(N) HEIGHT OF INLET	(N) HEIGHT OF COVER	DESCRIPTION	STATION	DRAINAGE SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT
									12"	18"	24"	12"	18"	24"	18"	24"	36"	18"	24"	36"															
			EA	LF	LF	EA	CY	EA	LF			EA			LF			EA			EA	LF	EA	LF	LB	CY	CY	SQYD	LF	LF					
D-1	1	a																													EXTEND TRIPLE 10′ x 5′ RCB CULVERT BY 18′ (SEE SHEET DQ-18)	"D13" 648+32.17	D-1	1	a
		b	2																												REMOVE WINGWALLS (10′ x 5′)				b
		c																													WINGWALLS (SEE SHEET DQ-18)				c
D-1	2	a																							99						TEMPORARY STEEL PLATE	"D13" 648+62.07	D-1	2	a
		b																								5.28					PCC APRON (TYPE J)				b
D-2	3	a																								5.28					PCC APRON (TYPE J)	"D13" 653+04.99	D-2	3	a
		b																							635	1.58			3.0		Mod GDO DI, GRATE TYPE 24-12				b
		c														112.5															24" RCP				c
		d																	1												24" CONCRETE FES				d
		e																									23	58			RSP (FACING, METHOD B)				e
D-2	4	a						1																							REMOVE OVERSIDE DRAIN (32.8′ x 3.3′)	"D13" 657+64.30	D-2	4	a
D-2	5	a																								5.28					PCC APRON (TYPE J)	"D13" 658+13.52	D-2	5	a
		b																							635	2.94			7.0		Mod GDO DI, GRATE TYPE 24-12				b
		c														142.1															24" RCP				c
		d																	1												24" CONCRETE FES				d
D-3	6	a																								5.28					PCC APRON (TYPE J)	"D13" 664+69.68	D-3	6	a
		b																							635	1.93			4.0		Mod GDO DI, GRATE TYPE 24-12				b
		c														130.6															24" RCP				c
		d																	1												24" CONCRETE FES				d
		e																									50	118			RSP (FACING, METHOD B)				e
D-3	7	a		169.6			2.5																						8.9		ABANDON 9" CULVERT	"D13" 665+18.90	D-3	7	a
		b						1																							REMOVE OVERSIDE DRAIN (44.3′ x 3.3′)				b
D-3	8	a																							635	2.03			4.3		Mod GDO DI, GRATE TYPE 24-12	"D13" 670+97.96	D-3	8	a
		b																								5.28					PCC APRON (TYPE J)				b
		c														75.8															24" RCP				c
		d																							635	2.51			5.8		Mod GDO DI, GRATE TYPE 24-12				d
		e									19.7																				24" APC				e
		f												1																	24" AFES				f
		g																									46	110			RSP (FACING, METHOD B)				g
D-7	9	a	1																												REMOVE HEADWALL (5′-2" x 2′-6")	"IND1" 41+33.85	D-7	9	a
		b			46.9																								2.0		REMOVE 18" CULVERT				b
			3	169.6	46.9		2.5	2			19.7			1		461.0			3						3274	37.39	119	286			TOTAL (THIS SHEET)				

(N) - NOT A SEPARATE BID ITEM

THIS EXAMPLE IS ONE OF MANY EXAMPLES OF THE VARIOUS TYPES OF PROJECT PLAN SHEETS FROM THE SAME CONSTRUCTION PROJECT, "ROUTE 65 BYPASS PROJECT."

DRAINAGE QUANTITIES SHEET, EXAMPLE "65 DQ-1"

DRAINAGE QUANTITIES
DQ-1

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

DRAINAGE QUANTITIES SHEET, EXAMPLE "65 DQ-1" RELEASED 9/17/2018

LAST REVISION 00-00-00 | DATE PLOTTED => 17-SEP-2018 | TIME PLOTTED => 13:30

BORDER LAST REVISED 7/2/2010 | USERNAME => s111271 | DGN FILE => id-65 DQ-001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 00000000001