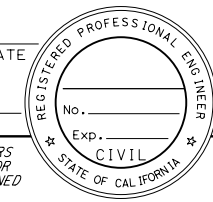


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla	65	R11.9/R24.1		

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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.



In addition to this summary sheet, only DQ-1 and DQ-2 are included in these PPM examples from the Route 65 Bypass project.

This item is not included on the other drainage quantity sheets. It is only on the summary sheet because the quantity is from stage construction. Another option would be to create a separate table if there were additional items from the stage construction sheets.

### DRAINAGE QUANTITIES SUMMARY

SHEET No.	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	12" CORRUGATED STEEL PIPE (.109" THICK)	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)	DESCRIPTION		
	EA	LF	LF	EA	CY	EA	LF			EA			EA			EA	LF	EA	LF	LF	LB	CY	CY	SQYD						
							12"	18"	24"	12"	18"	24"	18"	24"	36"	18"	24"	36"												
DQ-1	3	169.6	46.9		2.5	2			19.7			1			461.0			3							3,274	37.39	119	286		
DQ-2	2		97.7	1				39.0				3			123.7	321.1		1	4		2				2,220	13.34	18	29		
DQ-3															232.9				4	193.9	2				2,558	20.72	76	200		
DQ-4			97.4	2											376.3	209.0									1,958	17.13	20	55		
DQ-5			160.4	1											77.4	317.6									3,034	27.82	44	116		
DQ-6								186.0				2			352.0	96.5		1	1						4,108	42.54	43	109		
DQ-7			89.9												95.1	392.7		1	3						1,905	25.23	87	211		
DQ-8			118.4				83.3			6					426.2	553.8		4	8						2,540	29.10				
DQ-9			97.8												162.7	419.0		2	4						1,270	14.92	91	224		
DQ-10			137.5					20.0	53.8						356.3										635	7.23	58	143		
DQ-11	2		226.7												74.5	585.6		1	5						1,270	14.84	18	47		
DQ-12							27.9			2					80.4	513.5		1	2						635	14.44	259	621		
DQ-13	2		102.0				33.1	22.0		2	2				63.3		470.8	1	4						1,270	16.81	56	137		
DQ-14			202.4												183.4		273.9	3	4						948	17.72				
DQ-15			440.0	5											139.4	661.7		2	6						2,611	46.72				
DQ-16		62.0	147.6	1	4.8										745.4	88.6	181.8	2	4	2					1,905	9.34	18	51		
DQ-17							211.6	533.1			4														2,143	9.34	74	212		
SCQ-27																							156.9						FROM STAGE CONSTRUCTION	
DQ-19																											230.44	301	923	FROM OUTLET CONTROL BERM
DQ-19																											23	76	FROM DITCH ROCK SLOPE PROTECTION	
<b>TOTAL</b>	<b>9</b>	<b>231.6</b>	<b>1,964.7</b>	<b>12</b>	<b>7.3</b>	<b>2</b>	<b>355.9</b>	<b>614.1</b>	<b>259.5</b>	<b>10</b>	<b>9</b>	<b>3</b>	<b>2,334.2</b>	<b>4,559.4</b>	<b>2,142.0</b>	<b>13</b>	<b>41</b>	<b>24</b>	<b>6</b>	<b>289.4</b>	<b>3</b>	<b>156.9</b>	<b>33.8</b>	<b>34,284</b>	<b>595.43</b>	<b>1,305</b>	<b>3,440</b>			

(N) - NOT A SEPARATE BID ITEM

### BOX CULVERT AND WINGWALL QUANTITIES

#### CONCRETE BACKFILL (CLASS IV)

DRAINAGE SYSTEM No.	CY
15	3.94
24	4.97
45	2.11
49	6.21
75	11.75
101	3.57
<b>TOTAL</b>	<b>32.55</b>

DRAINAGE SYSTEM No.	CLASS I CONCRETE (BOX CULVERT)	BAR REINFORCING STEEL (BOX CULVERT)	(N) EXCAVATION	(N) BACKFILL
	CY	LB	CY	CY
1	66.1	12,728	91.5	54.8
68	256.3	40,165	320.5	657.9
82	54.2	6,970	180.5	138.6
FROM C-37 DRCB AT D13 SSWD	784.8	158,083	520.6	898.6
FROM C-39 DRCB AT RIOSA AND SSWD	588.6	121,147	371.3	728.6
<b>TOTAL</b>	<b>1,750</b>	<b>339,093</b>	<b>1,484.4</b>	<b>2,478.5</b>


(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-18"

## DRAINAGE QUANTITIES DQ-18

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



DRAINAGE QUANTITIES SHEET, EXAMPLE "65 DQ-18" RELEASED 9/17/2018  
 LAST REVISION: DATE PLOTTED => 17-SEP-2018  
 00-00-00 TIME PLOTTED => 13:31