

## IRRIGATION QUANTITY TABLES

The Irrigation Quantity tables have been revised to reflect the updates made to the Caltrans Standards and Specifications. The tables below illustrate the layout configurations that allow for vertical (in lieu of horizontal) item quantification. This change would be in line with the quantity tables that are produced by other departments.

This guide will provide examples of the most commonly used tables that are utilized to quantify irrigation system components.



## IRRIGATION QUANTITIES (LARGE PROJECTS: LATERAL SUPPLY SIDE) CONTINUED

"CV" STANDS FOR "CHECK VALVE."

THESE COLUMNS IDENTIFY THE BID/SPECIFICATIONS ITEM

THESE SUB-COLUMNS IDENTIFY THE SIZE OF THE ITEMS BEING QUANTIFIED

THESE SUB-COLUMNS IDENTIFY THE UNIT OF MEASURE OF THE ITEMS BEING QUANTIFIED (EXAMPLE: "EA"= EACH; "LF"=LINEAR FEET)

VALVE NUMBERS

NOTE WHAT ITEMS ARE BEING QUANTIFIED IN THIS TABLE

CONTROLLER (LETTER)

THIS SUBTOTAL REPRESENTS THOSE THAT ARE RELEVANT TO THIS CONTROLLER ONLY. ADDITIONAL CONTROLLERS WILL REQUIRE THEIR OWN TABLE.

CONTROLLER LETTER	VALVE NUMBER	*PLASTIC PIPE (SCH 40) (SUPPLY LINE)						*PLASTIC PIPE (CL 315) (SUPPLY LINE)		DRIP IRRIGATION TUBING	CV	SPRINKLER ASSEMBLY								
		3/4"		1"		1-1/2"		2"		3"		3/4"		1"		TREE	RISER GEAR	POP-UP GEAR	RISER	POP-UP
		LF	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	
	1																			
	2																			
	3																			
	4																			
	5																			
	6																			
	7																			
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	25																			
	26																			
	27																			
	28																			
	29																			
	30																			
	31																			
	32																			
	SUBTOTAL A																			

THESE SUB-COLUMNS DESCRIBE THE TYPE OF SPRINKLER ASSEMBLY BEING QUANTIFIED. THEY ARE ALL PAID FOR UNDER THE SAME BID ITEM "SPRINKLER ASSEMBLY."

NOTE: REFER TO STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION ON SPRINKLER ASSEMBLY TYPES.

\*REFER TO STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION ON SCH 40 AND CL 315 PIPE.



### IRRIGATION QUANTITIES (LARGE PROJECTS: MAINLINE SUPPLY SIDE) CONTINUED

	SHEET NUMBER	IRRIGATION CONTROLLER					
		12 STATION	16 STATION	24 STATION	TWO WIRE	ICC	
		EA	EA	EA	EA	EA	EA
SUBTOTALS PER SHEET ON MAIN SUPPLY SIDE OF CONTROL VALVE	IP-1						
	IP-2						
	IP-3						
	IP-4						
	IP-5						
	IP-6						
	IP-7						
	IP-8						
	IP-9						
	IP-10						
	IP-11						
	IP-12						
	IP-13						
	IP-14						
	SUBTOTAL A						
	SUBTOTAL B						
	TOTAL						

TOP ROW OF ITEMS ON THE TABLE REPRESENT THE BID/SPECIFICATION ITEM

\*\* "ICC" STANDS FOR IRRIGATION CONTROLLER CABINET

IRRIGATION CONTROLLERS INCLUDE THE COST OF THE CONTROLLER AND THE CABINET. THE IRRIGATION CONTROLLER CABINET (ICC) TYPE IS QUANTIFIED FOR INFORMATION PURPOSES ONLY.

THIS ROW SHOWS THE UNIT MEASUREMENT FOR EACH ITEM. (EXAMPLE: "EA"= EACH; "LF"=LINEAR FEET)

\*\* ALL "(N)" REFERENCES SIGNIFY THAT THE ITEM IS INCLUDED IN THE COST OF THE BID/SPECIFICATION ITEM.

IRRIGATION SHEET NAME)

INSERT QUANTITIES FROM "LATERAL SUPPLY SIDE OF CONTROL VALVE" WHERE APPLICABLE.

ROWS INTENTIONALLY BLOCKED OUT. EXCEPTIONS TO THIS RULE INCLUDE PV, BV, GV, WSA, and CCA.













