


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE					
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REGISTERED PROFESSIONAL ENGINEER
No. _____
Exp. _____
CIVIL
STATE OF CALIFORNIA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISIONS: x x x x x

Since the multiplying factor is per side, showing the direction of traffic helps to clarify the location of the tapered edge and in determining the tons of HMA or cubic yards of PCC.

Refer to Standard Plan P75 for multiplying factors based on the total thickness (TT) of the tapered edge.

TAPERED EDGE

SHEET No.	STATION	DIRECTION	TOTAL THICKNESS (N)		HOT MIX ASPHALT (TYPE A) TON
			FT	LF	
L-1 TO L-7	"A1" 179+58 TO 279+58	SB	0.40	10,000	104.0
L-21 TO L-23	"B2" 432+56 TO 462+56	NB	0.40	3,000	31.2
L-32	"C3" 79+33 TO 85+33	SB	0.45	600	7.9
SUBTOTAL					143.1*

The quantity table for tapered edge is to include the total thickness of the tapered edge (ft) and length (LF) of the tapered edge to make it easy to calculate the tons of HMA (or PCC). See Standard Plan P75 for the correct multiplying factor for converting length of tapered edge (miles) to tons of HMA or cubic yards of PCC.

NOTE: Remember to convert the lineal feet of tapered edge to miles before applying the multiplying factor.

The columns for total thickness and length of tapered edge is to be identified with a (N) - NOT A SEPARATE BID ITEM.

This subtotal is to be added as a separate row in the Roadway Items quantity table.

The quantity table for tapered edge is to be handled similar to HMA dike. But there is one difference; constructing of dike is a bid item, but the constructing of tapered edge is not.

The bid item for tapered edge is either added to the project's quantity for tons of HMA or cubic yards of concrete.

The subtotal of HMA for tapered edge is to be included as a row in the pavement structure quantity table (usually called "Roadway Items") on the summary of quantities.

(N) NOT A SEPARATE BID ITEM
 * QUANTITY INCLUDED IN PAVEMENT STRUCTURE QUANTITIES SUMMARY

**GENERIC SUMMARY OF QUANTITIES SHEET 2,
FOR TAPERED EDGE QUANTITY TABLE**

**SUMMARY OF QUANTITIES
Q-2**

LAST REVISION: 00-00-00 DATE PLOTTED => 10-SEP-2018 TIME PLOTTED => 17:52
GENERIC SUMMARY OF QUANTITIES SHEET 2, RELEASED 09/17/2018