

CALCULATIONS FOR MEDIAN GUARDRAIL LOCATION (DEPRESSED MEDIANS)

POST NUMBER	36'		40'		50'		60'		64'		84'	
	DISTANCE	OFFSET	DISTANCE	OFFSET	DISTANCE	OFFSET	DISTANCE	OFFSET	DISTANCE	OFFSET	DISTANCE	OFFSET
P ₁	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P ₉	25.0	0.1	25.0	0.1	25.0	0.2	25.0	0.2	25.0	0.3	25.0	0.4
P ₁₃	50.0	0.5	50.0	0.6	50.0	0.8	50.0	1.0	50.0	1.1	50.0	1.5
P ₁₇	75.0	1.1	75.0	1.3	75.0	1.8	75.0	2.2	75.0	2.4	74.9	3.3
P ₂₁	100.0	2.0	100.0	2.3	99.9	3.1	99.9	3.9	99.9	4.3	99.8	5.9
P ₂₅	124.9	3.2	124.9	3.7	124.9	4.9	124.8	6.2	124.8	6.7	124.6	9.2
P ₂₉	149.9	4.6	149.9	5.3	149.8	7.1	149.7	8.9	149.6	9.6	149.2	13.2
P ₃₃	174.9	6.2	174.8	7.2	174.6	9.6	174.4	12.1	174.4	13.0	173.8	17.9
P ₃₇	199.8	8.1	199.7	9.4	199.5	12.6	199.2	15.8	199.0	17.0	198.2	23.4
P ₄₁	224.7	10.3	224.6	11.9	224.3	15.9	223.8	19.9	223.6	21.5	222.4	29.5

DISTANCE IN ABOVE CHART REFERS TO POINTS ALONG EXTENDED LINE AT VARIOUS DISTANCES IN FEET FROM A POINT ON FACE OF GUARDRAIL AT LOCATION OF CENTERLINE OF POST NUMBER P_i.
 OFFSET REFERS TO DISTANCE IN FEET AT 90 DEGREES FROM POINTS ALONG EXTENDED LINE TO FACE OF GUARDRAIL AT CORRESPONDING LISTED POST NUMBER.

USE WITH CURRENT STD. DWG.
RBB-002

KENTUCKY	
DEPARTMENT OF HIGHWAYS	
LAYOUT OF GUARDRAIL AT TWIN STRUCTURES (DEPRESSED MEDIAN)	
STANDARD DRAWING NO. RBB-003-02	
SUBMITTED <i>John B. Sackett</i>	12-1-99 DATE
APPROVED <i>J. M. Powell</i>	12-1-99 DATE

