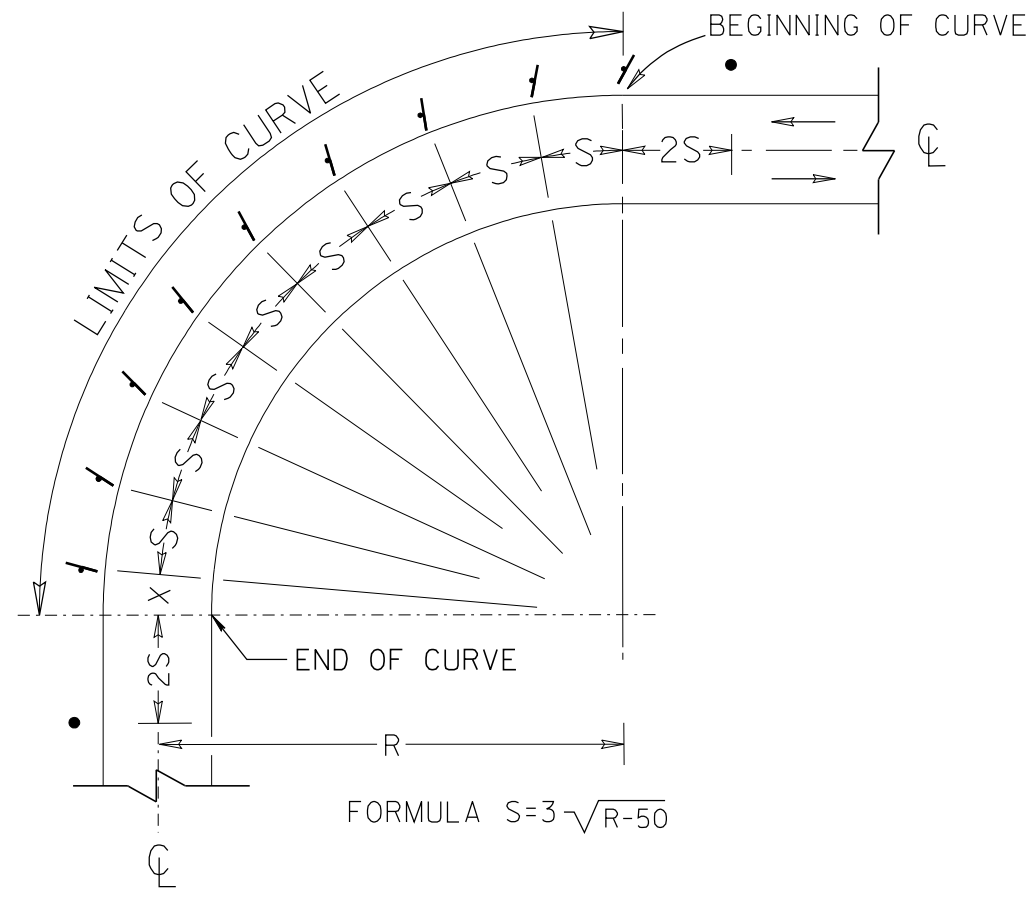


NO	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	RE-ISSUE	L. LOPEZ	2/02
2			
3			
4			



LEGEND:

- = DIRECTION OF TRAVEL
- ⊥ = CHEVRON DELINEATOR
- = EXISTING DELINEATOR
- S = CHEVRON SPACING IN FEET
- R = CENTERLINE CURVE RADIUS IN FEET
- X = DISTANCE FROM LAST CHEVRON TO THE END OF CURVE LIMITS

CALCULATION NOTES:

1. THIS FORMULA IS DESIGNED TO PRESENT AT LEAST THREE CHEVRONS TO THE ROAD USER AT ALL TIMES.
2. MAXIMUM SPACING FOR CHEVRON DELINEATORS ON CURVES IS 160 FT. MINIMUM SPACING FOR CHEVRON DELINEATORS ON CURVES IS 20 FT.

NOTES:

1. CHEVRONS SHOULD BE IN LINE WITH AND APPROXIMATELY AT RIGHT ANGLE WITH APPROACHING TRAFFIC.
2. CHEVRONS SHOULD BE OFFSET A MINIMUM OF 2' FROM THE EDGE OF ROADWAY WHEN BEHIND GUARDRAIL AND SHOULD BE OFFSET 8' TO 12' WHERE THERE IS NO GUARDRAIL.
3. CHEVRONS SHOULD NORMALLY BE MOUNTED 3' TO 5' ABOVE PAVEMENT BUT MAY BE ADJUSTED BY ENGINEER TO FIT CONDITIONS.
4. FINAL PLACEMENT OF CHEVRONS SHOULD BE CHECKED BY ENGINEER IN THE FIELD.
5. CHEVRON INSTALLATIONS ARE NOT NORMALLY INSTALLED ON NEW ROAD CONSTRUCTION, BUT ARE USED AS REPLACEMENTS FOR DELINEATORS IN RESPONSE TO OPERATIONAL PROBLEMS.
6. FOR BACK TO BACK INSTALLATIONS, ANGLE BRACKETS SHOULD BE USED.

R (FT)	S (FT)
50'	20'
75'	20'
100'	25'
150'	30'
200'	35'
300'	50'
400'	55'
500'	65'
600'	70'
700'	75'
800'	80'
900'	85'
1,000'	90'
1,200'	100'
1,400'	110'
1,600'	115'
1,800'	125'
2,000'	130'
2,500'	150'
3,000'	160'

NOT TO SCALE

DESIGN APPROVED 	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION STANDARD DRAWINGS	REV. 2/02
	CURVE TREATMENT - CHEVRONS	DRAWING NO. M-28