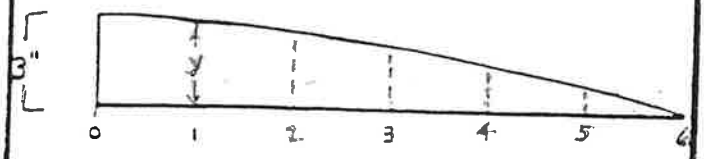
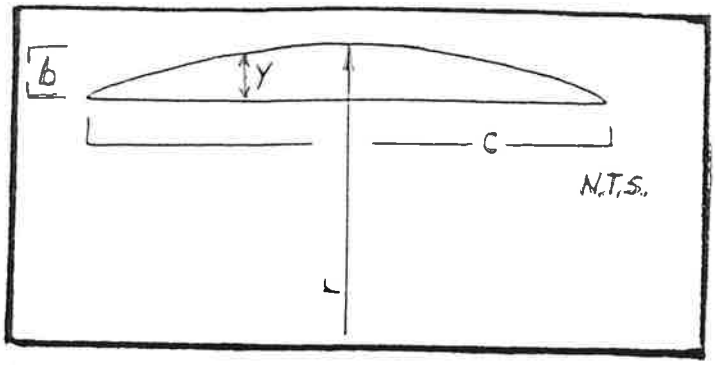
Design Data





X=1

$0.25 - 72.125 + \sqrt{72.125^2 - 1^2}$

$= -71.875 + 72.12$

Y= 0.243' = 2.92"

X=2

$-71.875 + 72.10$

Y= 0.222' = 2.67"

X=3

$-71.875 + 72.104$

Y= 0.188' = 2.25"

X=4

$-71.875 + 72.0139$

Y= 0.139' = 1.67"

X=5

$-71.875 + 71.95$

Y= 0.0765' = 0.92"

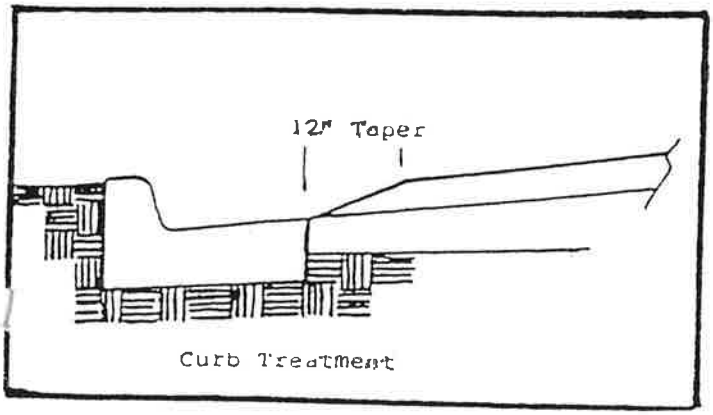
$$r = \frac{4b^2 + c^2}{8b} = 72.125$$

b= height = (0.25')

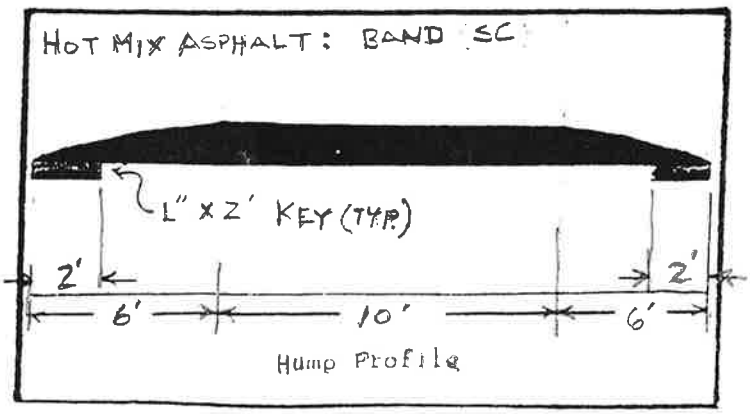
c= cord distance = (12')

$$y = b - r + \sqrt{r^2 - x^2}$$

x(ft)	y(ft)	=	inches
0	0.25	=	3.0
1	0.243	=	2.92
2	0.222	=	2.67
3	0.188	=	2.25
4	0.139	=	1.67
5	0.077	=	0.92
6	0	=	0



Curb Treatment



Hump Profile

PLATE R-34