

Technical drawing of a road profile with a parabolic curve. The drawing shows a plan view at the top with points A, B, C, D, E, F and a vertical view below with points A, B, C, D, E, F, G, H, I, J. The vertical view shows the profile of the road with a parabolic curve. The horizontal axis is labeled "SOURAČNICE (m)" and the vertical axis is labeled "Y". The curve starts at point A (0,0) and ends at point J (20,0). The curve is defined by the equation  $Y = 0.001X^2$ . The curve is divided into segments by points B, C, D, E, F. The horizontal distances between points are: AB = 3.500, BC = 3.500, CD = 3.500, DE = 3.500, EF = 3.500. The vertical distances between points are: AB = 0.012, BC = 0.049, CD = 0.104, DE = 0.175, EF = 0.260. The curve is tangent to the horizontal line at point F. The curve is labeled "PRÁMA" and "OKOLNÁ". The curve is also labeled "R = 4.0 m", "d1 = 30.00", "d2 = 1.295 m", "d3 = 2.504 m", "d4 = 0.004 m". The curve is also labeled "341.87°".

**SOURAČNICE (m)**

X	Y
0	0
0.5	0.001
1.0	0.004
1.5	0.009
2.0	0.016
2.5	0.025
3.0	0.036
3.5	0.049
4.0	0.064
4.5	0.081
5.0	0.100
5.5	0.121
6.0	0.144
6.5	0.169
7.0	0.196
7.5	0.225
8.0	0.256
8.5	0.289
9.0	0.324
9.5	0.361
10.0	0.400
10.5	0.441
11.0	0.484
11.5	0.529
12.0	0.576
12.5	0.625
13.0	0.676
13.5	0.729
14.0	0.784
14.5	0.841
15.0	0.890
15.5	0.941
16.0	0.994
16.5	1.049
17.0	1.106
17.5	1.165
18.0	1.226
18.5	1.289
19.0	1.354
19.5	1.421
20.0	1.490

**R PÁTY PŘELOU**

R	= 4.0 m
d1	= 30.00
d2	= 1.295 m
d3	= 2.504 m
d4	= 0.004 m

[illegible]