

ROUTE NUMBER: MD 16

STARTING MILE POINT: 14.52

ENDING MILE POINT: 14.72

H 3/18 9:40 AM
V 3/17 AM 10:26
H-3/18
9:30 AM

.2

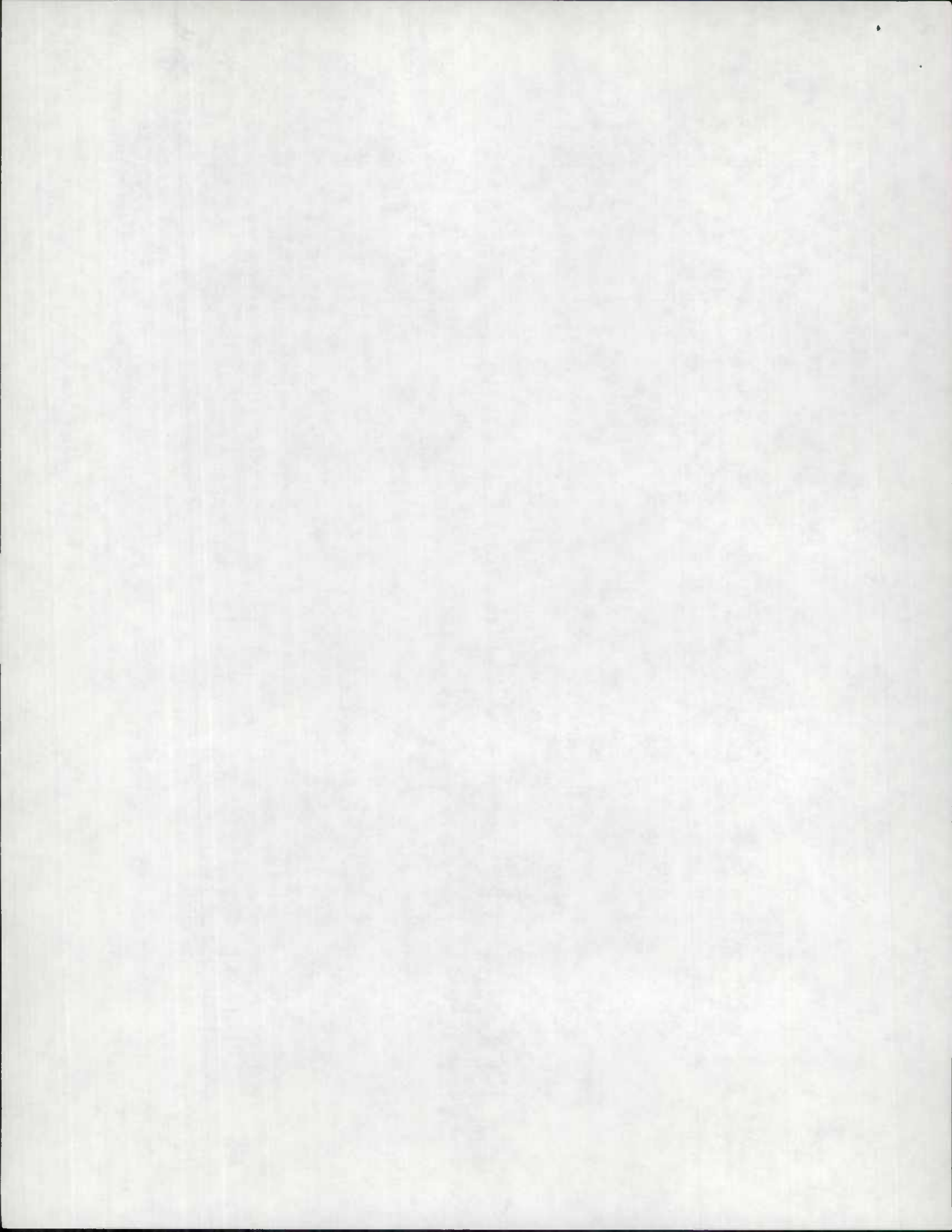
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.20</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) (0.0) pt(ii) (4.6) ^(0.5) pt(iii) (10.6) ^(0.8) pt(iv) _____ pt(v) _____

pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	_____	_____
b.	0.5-2.4	<u>2</u>	<u>0.20</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 16

STARTING MILE POINT: 14.72

ENDING MILE POINT: 15.54

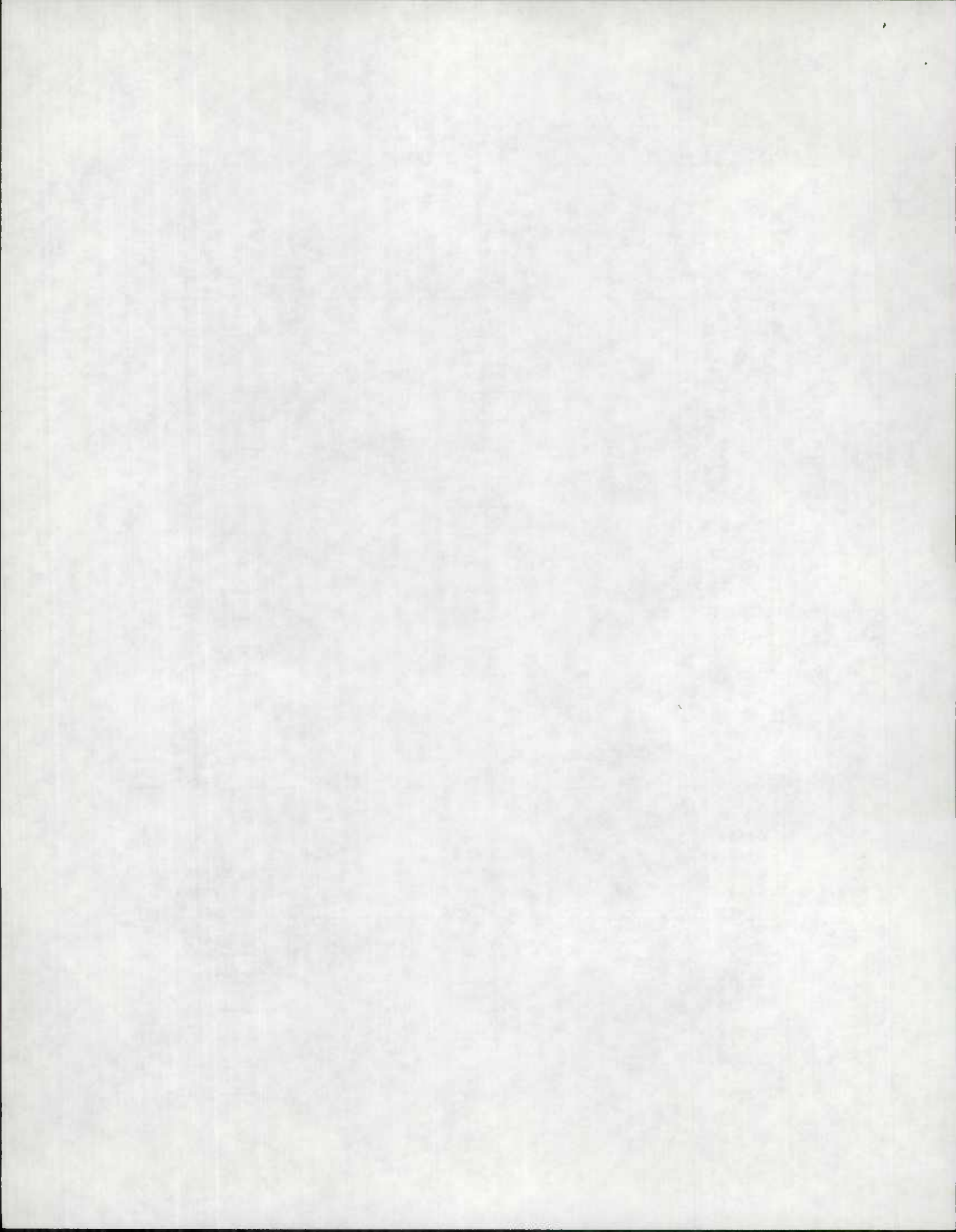
182

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.82</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (0.0) pt (ii) (17.8, -0.4) pt (iii) (31, -1.1) pt (iv) (43.3, -1.4) pt (v) _____
pt (vi) _____ pt (vii) _____ pt (viii) _____ pt (ix) _____ pt (x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>2</u>	<u>0.56</u>
b.	0.5-2.4	<u>1</u>	<u>0.26</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD16

STARTING MILE POINT: 16.36

ENDING MILE POINT: 16.60

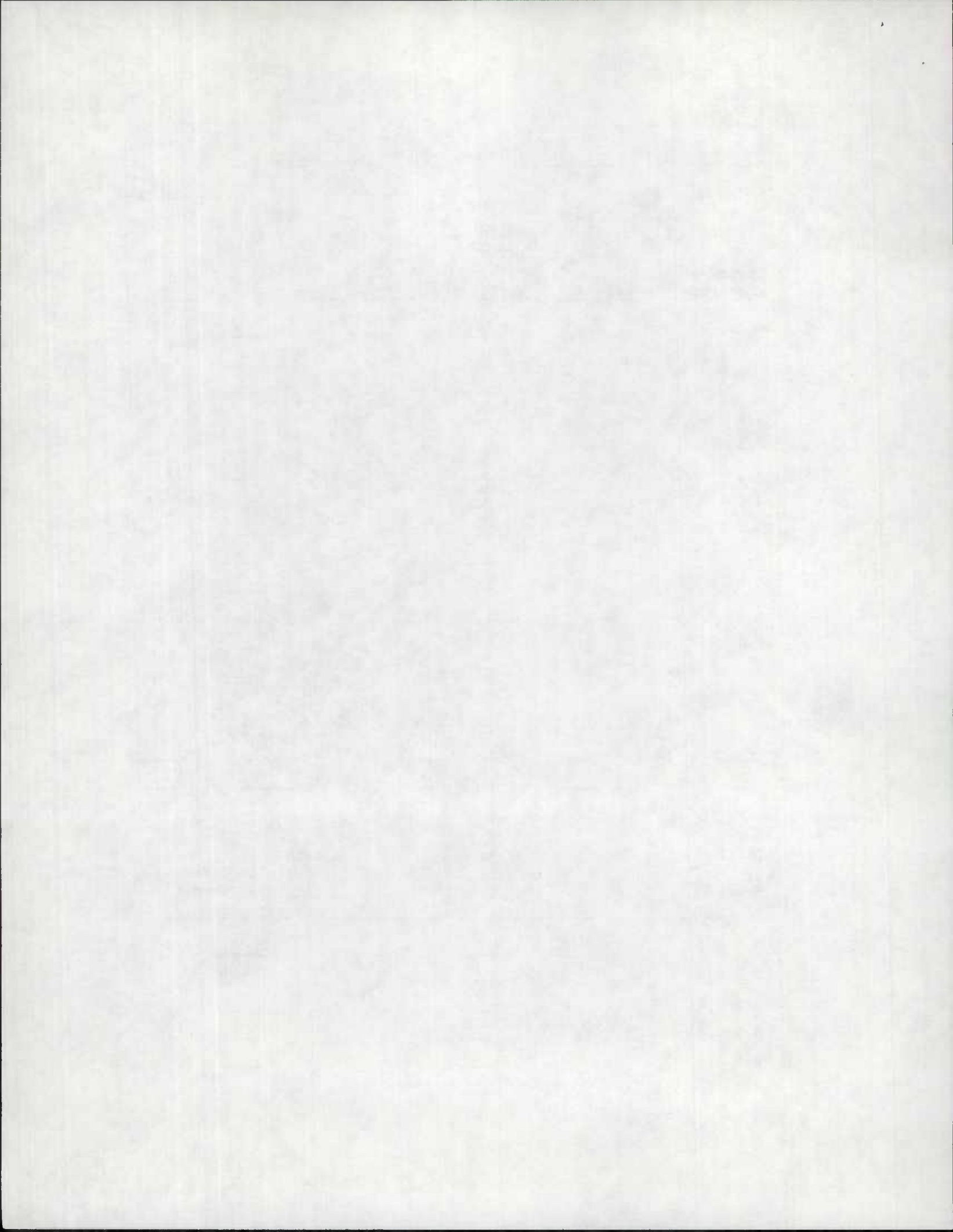
.24

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.24</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) (0,0) pt(ii) (5,0.1) pt(iii) (a,0.2) pt(iv) (12.7,0.3) pt(v) _____
 pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.10</u>
b.	0.5-2.4	<u>2</u>	<u>0.14</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 16

STARTING MILE POINT: 16.60

ENDING MILE POINT: 16.67

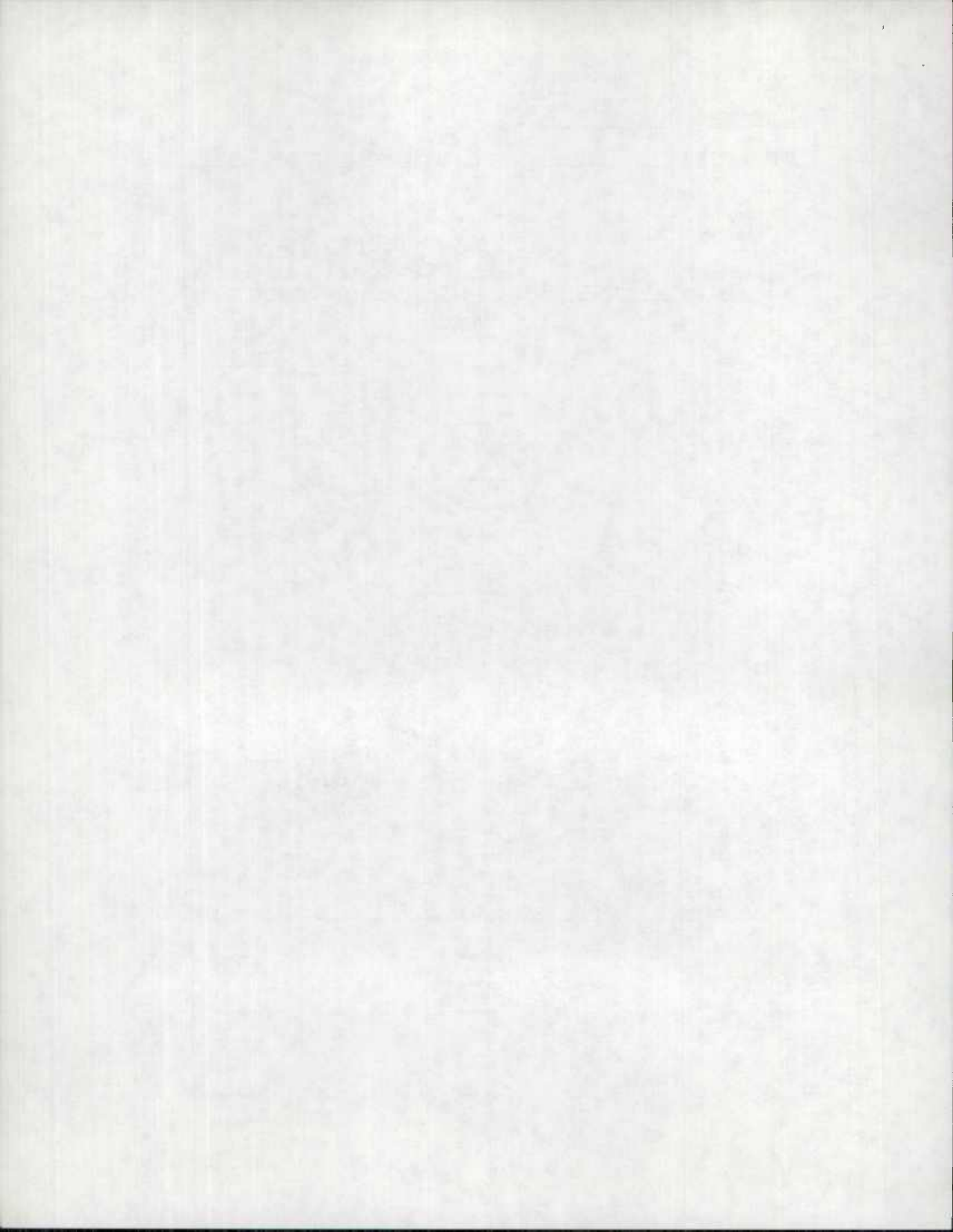
.07

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.07</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (6,0) pt (ii) (2.1, 0) pt (iii) (3.7, 0.1) pt (iv) _____ pt (v) _____
pt (vi) _____ pt (vii) _____ pt (viii) _____ pt (ix) _____ pt (x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.04</u>
b.	0.5-2.4	<u>1</u>	<u>0.03</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 16

STARTING MILE POINT: 16.67

ENDING MILE POINT: 16.81

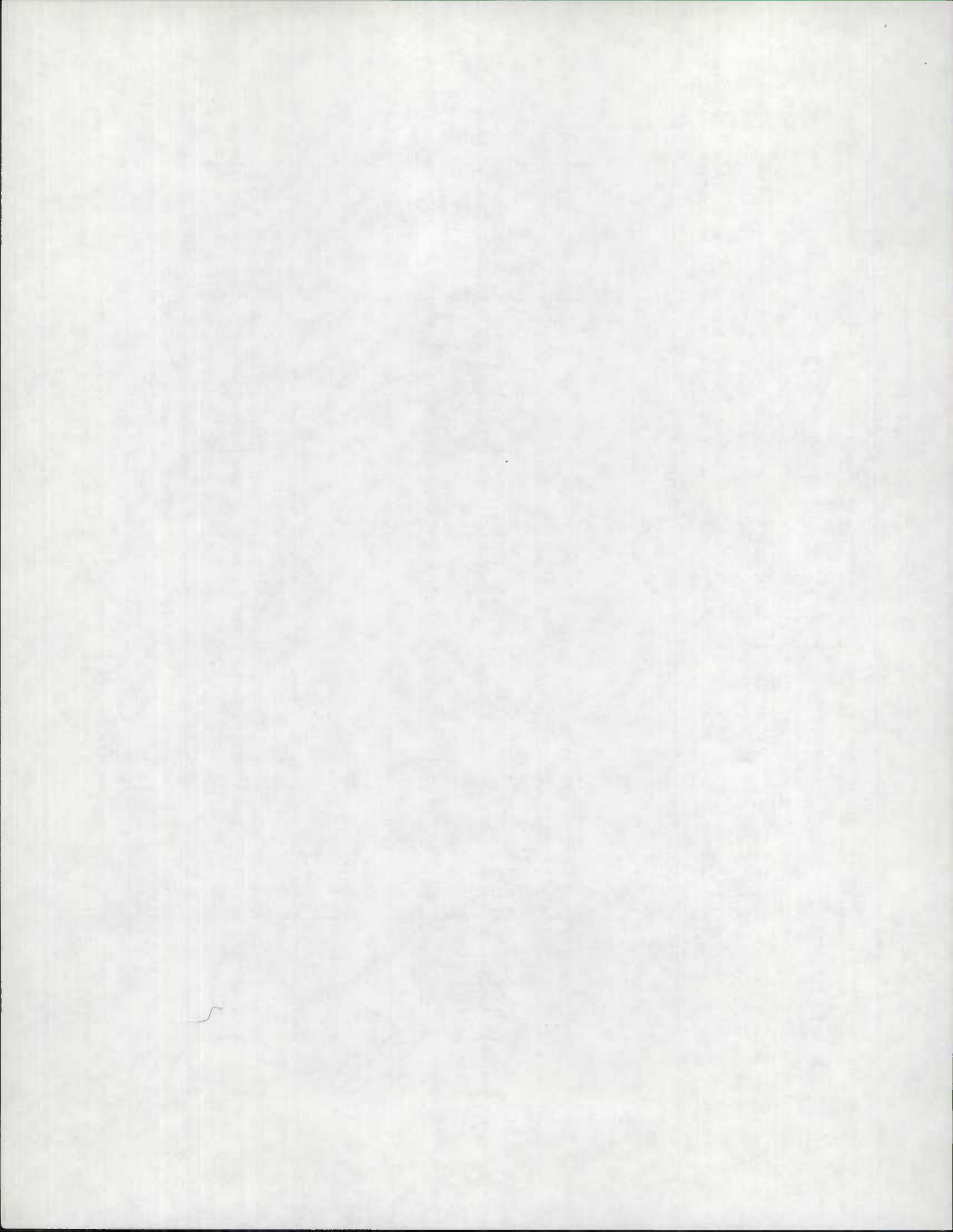
.14

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.14</u>
b.	0.5-1.4	<u> </u>	<u> </u>
c.	1.5-2.4	<u> </u>	<u> </u>
d.	2.5-3.4	<u> </u>	<u> </u>
e.	3.5-4.4	<u> </u>	<u> </u>
f.	4.5-5.4	<u> </u>	<u> </u>
g.	5.5-6.9	<u> </u>	<u> </u>
h.	7.0-8.4	<u> </u>	<u> </u>
i.	8.5-10.9	<u> </u>	<u> </u>
j.	11.0-13.9	<u> </u>	<u> </u>
k.	14.0-19.4	<u> </u>	<u> </u>
l.	19.5-27.9	<u> </u>	<u> </u>
m.	23+	<u> </u>	<u> </u>

GRADE:

pt(i) (0.0) pt(ii) (2.8)-0.2) pt(iii) (6.1)-0.7) pt(iv) (6.9)-0.8) pt(v)
pt(vi) pt(vii) pt(viii) pt(ix) pt(x)

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u> </u>	<u> </u>
b.	0.5-2.4	<u>2</u>	<u>2.07</u>
c.	2.5-4.4	<u>1</u>	<u>2.07</u>
d.	4.5-6.4	<u> </u>	<u> </u>
e.	6.5-8.4	<u> </u>	<u> </u>
f.	8.5-	<u> </u>	<u> </u>



ROUTE NUMBER: MD 331

STARTING MILE POINT: 12.07

ENDING MILE POINT: 12.75

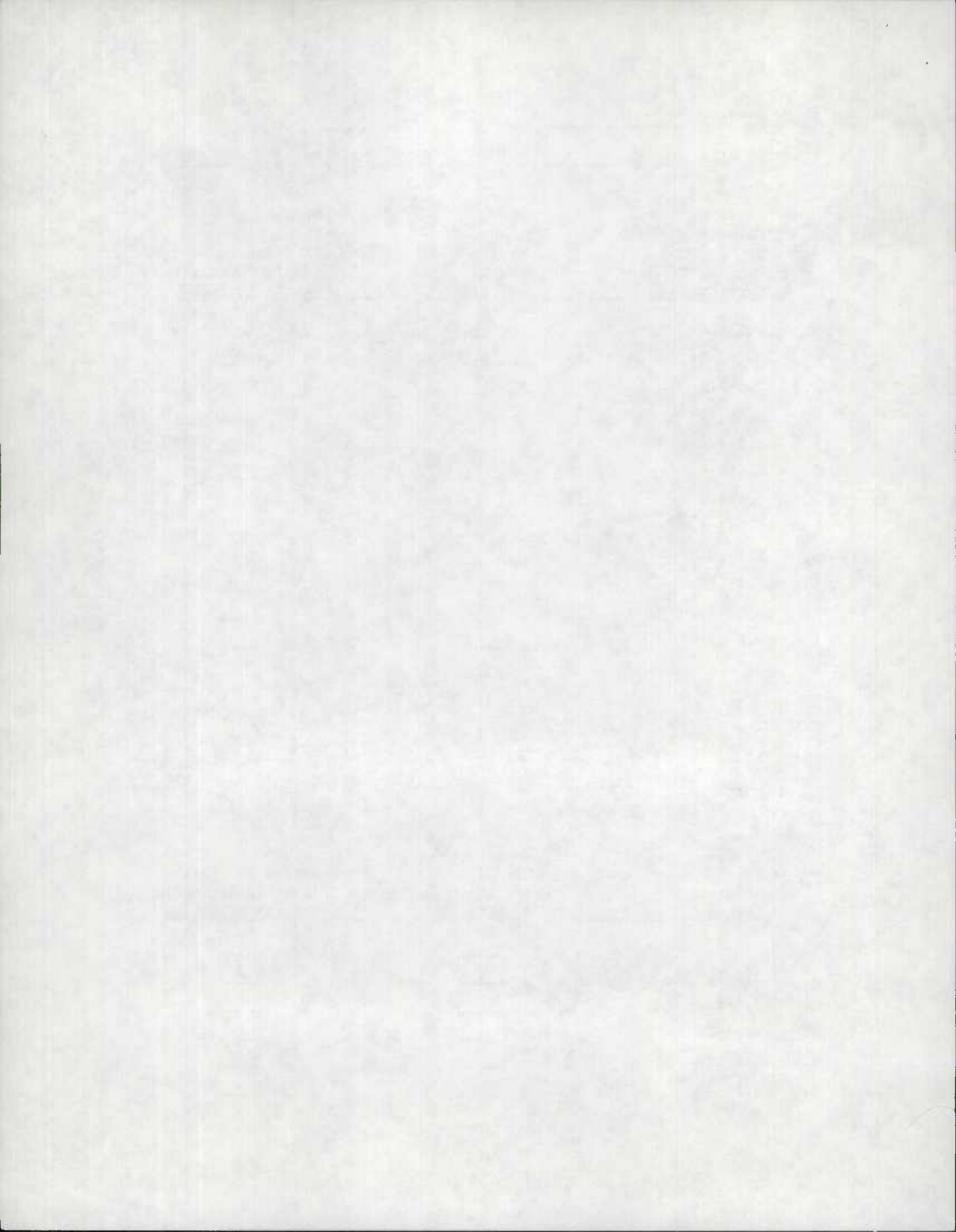
.68

	Curve Classes by Degree of Curvature		Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	→	<u>2</u>	<u>0.42</u>
b.	0.5-1.4		_____	0.26
c.	1.5-2.4	→	<u>1</u>	<u>0.26</u>
d.	2.5-3.4		_____	_____
e.	3.5-4.4		_____	_____
f.	4.5-5.4		_____	_____
g.	5.5-6.9		_____	_____
h.	7.0-8.4		_____	_____
i.	8.5-10.9		_____	_____
j.	11.0-13.9		_____	_____
k.	14.0-19.4		_____	_____
l.	19.5-27.9		_____	_____
m.	23+		_____	_____

GRADE:

pt(i) (0,0) pt(ii) (14.8, -0.6) pt(iii) (29, 0.0) pt(iv) (35.9, 1) pt(v) _____
 pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)		Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		_____	_____
b.	0.5-2.4		<u>3</u>	<u>0.68</u>
c.	2.5-4.4		_____	_____
d.	4.5-6.4		_____	_____
e.	6.5-8.4		_____	_____
f.	8.5-		_____	_____



ROUTE NUMBER: MD 335

STARTING MILE POINT: 6.58

ENDING MILE POINT: 10.07

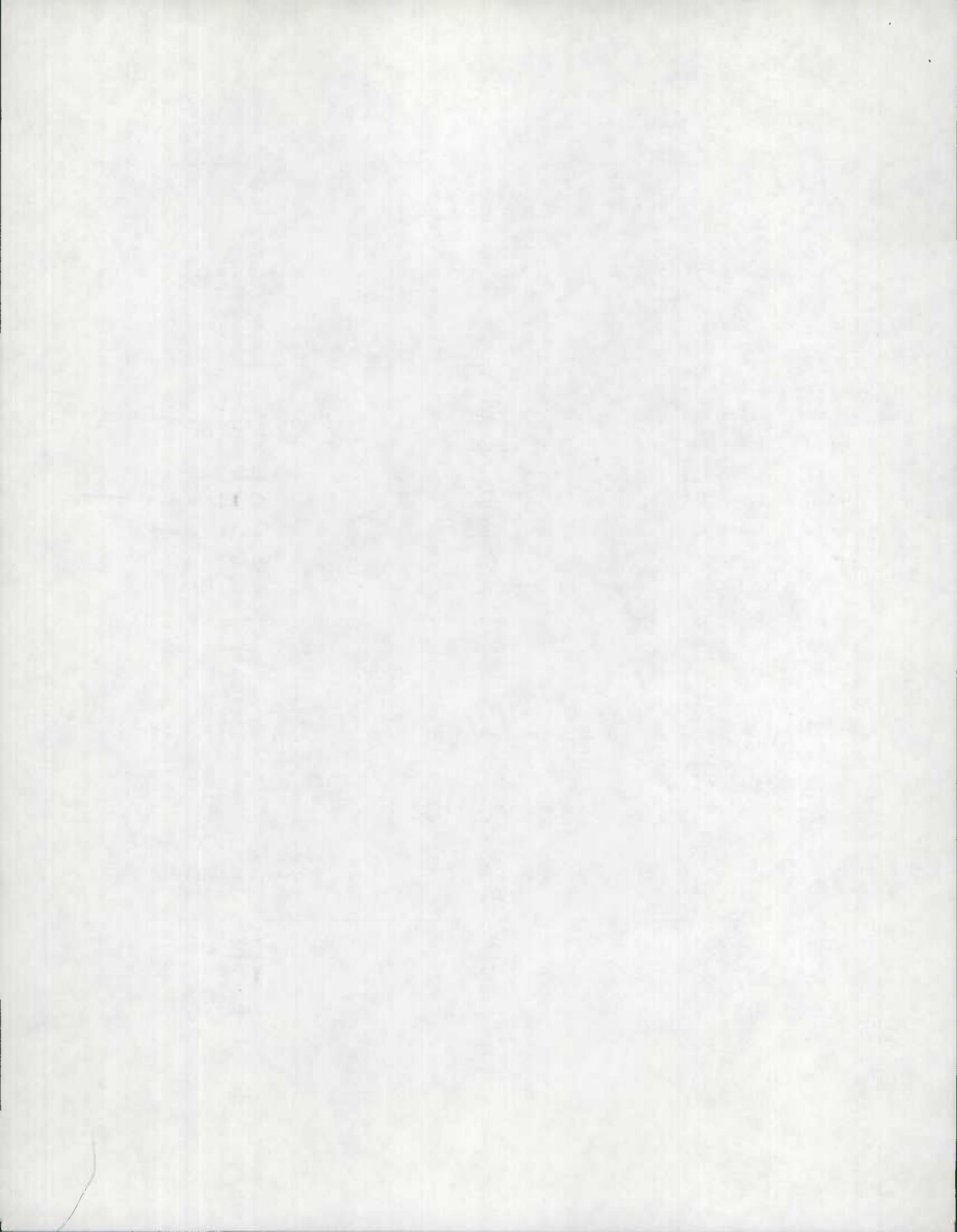
3.49

Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
1/2 . . . a. 0.0-0.4	<u>8</u>	<u>2.78</u>
b. 0.5-1.4	—	—
c. 1.5-2.4	—	—
. . d. 2.5-3.4	<u>2</u>	<u>0.11</u> 0.11
. . . e. 3.5-4.4	<u>2</u>	<u>0.05</u>
f. 4.5-5.4	—	—
. . . g. 5.5-6.9	<u>2</u>	<u>0.19</u> 0.19
. . . h. 7.0-8.4	<u>3</u>	<u>0.11</u> 0.11
. . . i. 8.5-10.9	<u>4</u>	<u>0.25</u>
j. 11.0-13.9	—	—
k. 14.0-19.4	—	—
l. 19.5-27.9	—	—
m. 23+	—	—

GRADE:

pt(i) $(0,0)$ pt(ii) $(17.5, 2.3)$ pt(iii) $(29.1, 1)$ pt(iv) $(49, 0.8)$ pt(v) $(55.3, 0.9)$
 pt(vi) $(64.5, 0.5)$ pt(vii) $(79, 0.2)$ pt(viii) $(97, 0)$ pt(ix) $(104.1, -1)$ pt(x) $(114, -1)$
 $(122.7, -0.8)$ $(149.1, -1.9)$ $(152.6, -2.4)$ $(170.5, -2.8)$ $(175.8, -2.2)$
 $(181, -3)$ $(184.3, -2.8)$

Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a. 0.0-0.4	<u>8</u>	<u>1.90</u>
b. 0.5-2.4	<u>5</u>	<u>1.06</u>
c. 2.5-4.4	<u>3</u>	<u>0.53</u>
d. 4.5-6.4	—	—
e. 6.5-8.4	—	—
f. 8.5-	—	—



ROUTE NUMBER: MD 335

STARTING MILE POINT: 10.07

ENDING MILE POINT: 11.37

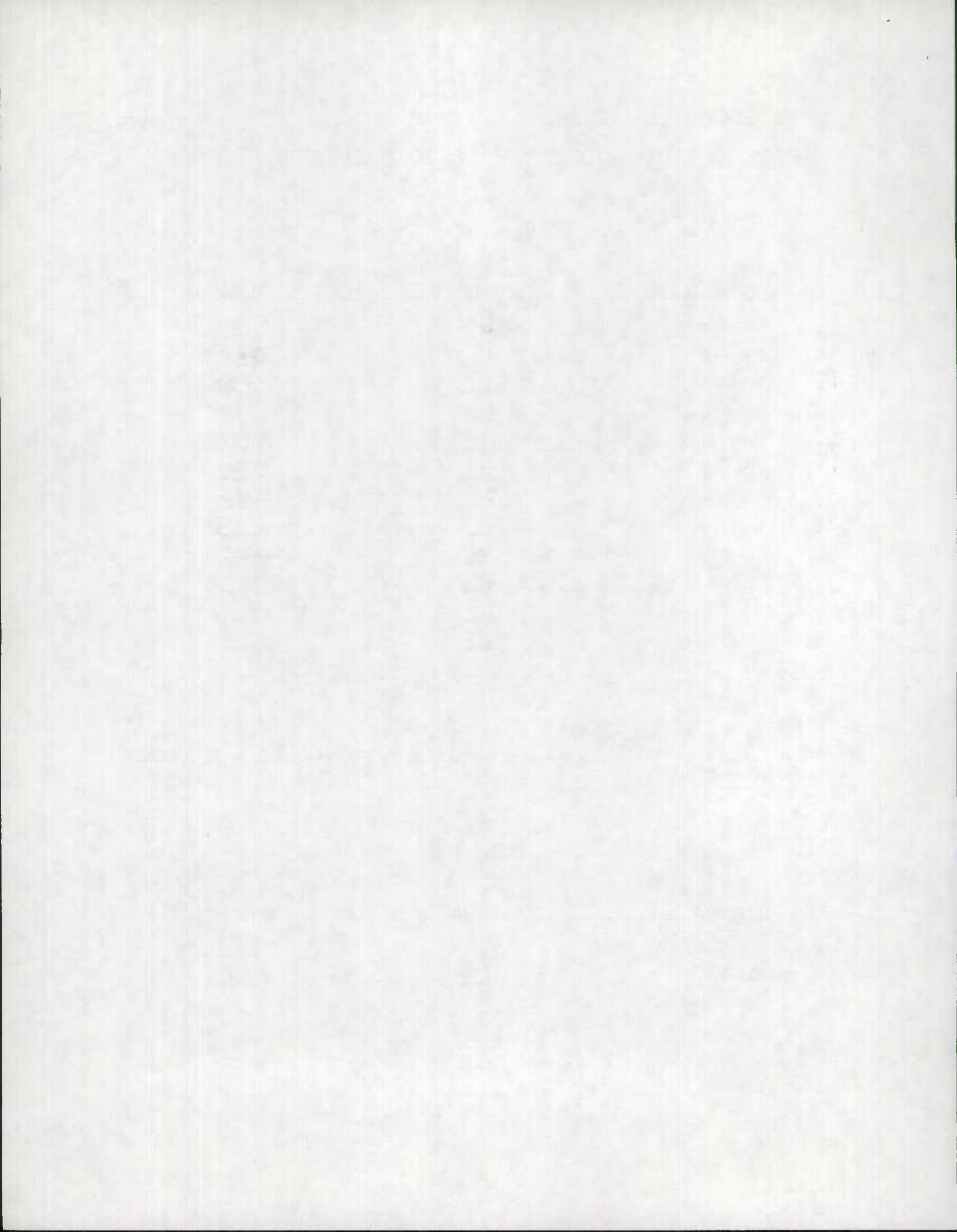
1.30

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>5</u>	<u>0.47</u>
b.	0.5-1.4	<u>1</u>	<u>0.20</u>
c.	1.5-2.4	<u>1</u>	<u>0.25</u>
d.	2.5-3.4	<u>2</u>	<u>0.07</u>
e.	3.5-4.4	<u>1</u>	<u>0.03</u>
f.	4.5-5.4	<u>1</u>	<u>0.14</u>
g.	5.5-6.9	<u>2</u>	<u>0.14</u>
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) (0,0) pt(ii) (6.80, 0.4) pt(iii) (20, 0) pt(iv) (40, 0.3) pt(v) (50.5, 1.1)
 pt(vi) (60, 0.17) pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.40</u>
b.	0.5-2.4	<u>4</u>	<u>0.90</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 335

STARTING MILE POINT: 11.37

ENDING MILE POINT: 11.52

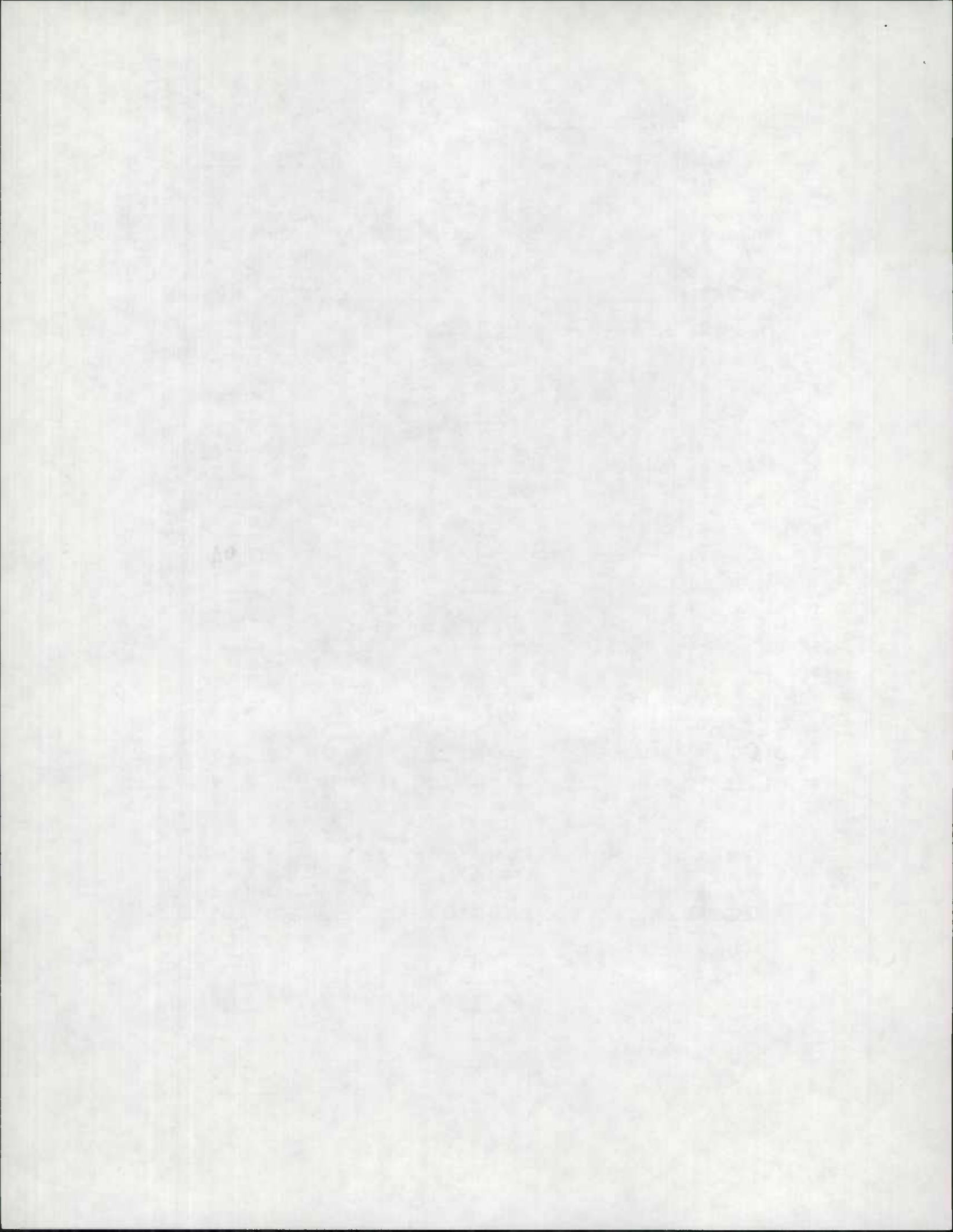
.15

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4 →	<u>1</u>	<u>0.11</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9 →	<u>1</u>	<u>0.04</u>
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) (0.10) pt(ii) (2.2, -0.2) pt(iii) (3.9, -0.3) pt(iv) _____ pt(v) _____
 pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.11</u>
b.	0.5-2.4	<u>1</u>	<u>0.04</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 335

STARTING MILE POINT: 11.52

ENDING MILE POINT: 12.10

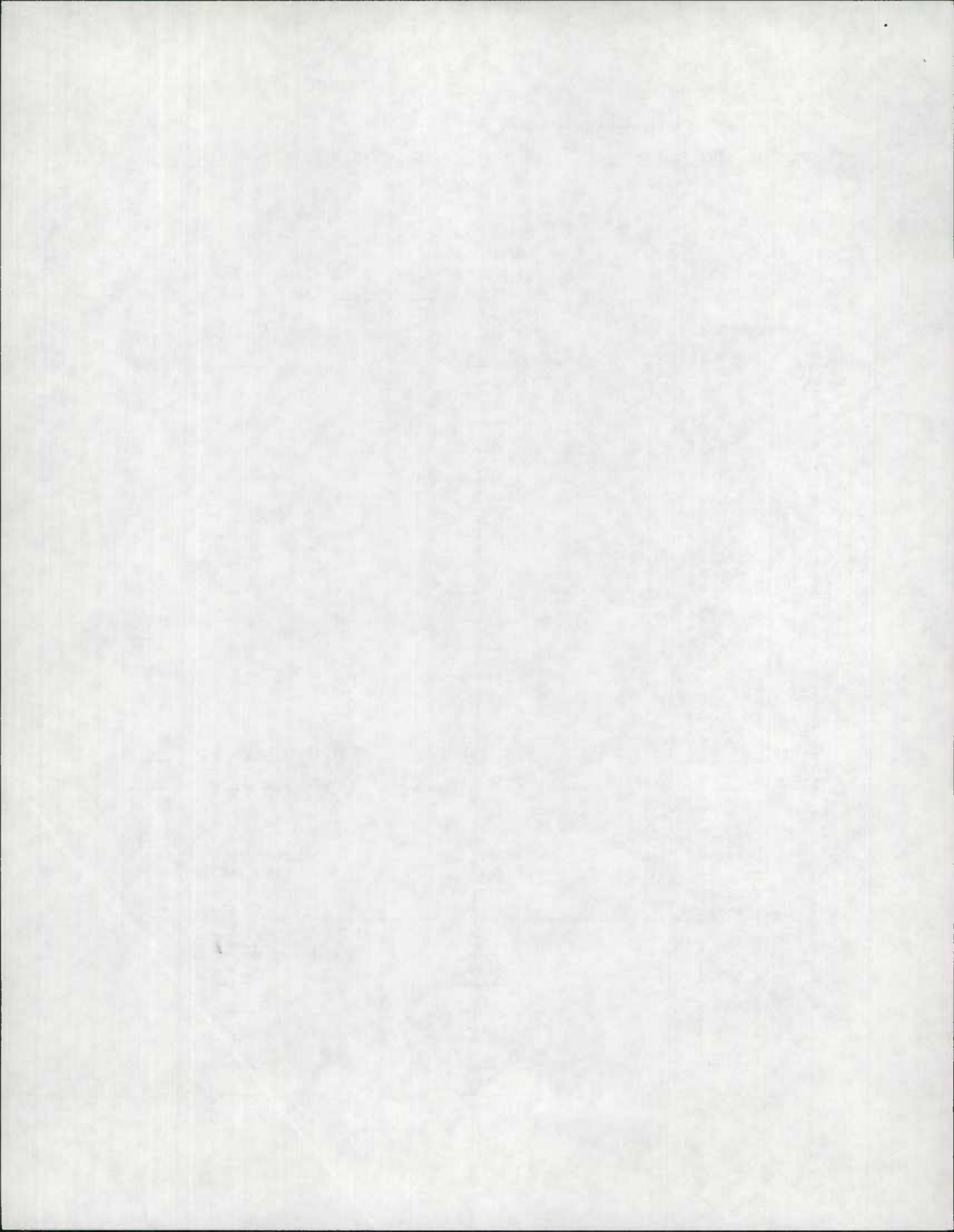
.58

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	2	0.44
b.	0.5-1.4	—	—
c.	1.5-2.4	—	—
d.	2.5-3.4	—	—
e.	3.5-4.4	—	—
f.	4.5-5.4	—	—
g.	5.5-6.9	—	—
h.	7.0-8.4	1	0.14
i.	8.5-10.9	—	—
j.	11.0-13.9	—	—
k.	14.0-19.4	—	—
l.	19.5-27.9	—	—
m.	23+	—	—

GRADE:

pt(i) (0,0) pt(ii) (1.5,0) pt(iii) (12.1-0.4) pt(iv) (27.2,-0.3) pt(v) (30.7,-0.4)
 pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	3	0.51
b.	0.5-2.4	1	0.67
c.	2.5-4.4	—	—
d.	4.5-6.4	—	—
e.	6.5-8.4	—	—
f.	8.5-	—	—



ROUTE NUMBER: MD 335

STARTING MILE POINT: 12.10

ENDING MILE POINT: 12.59

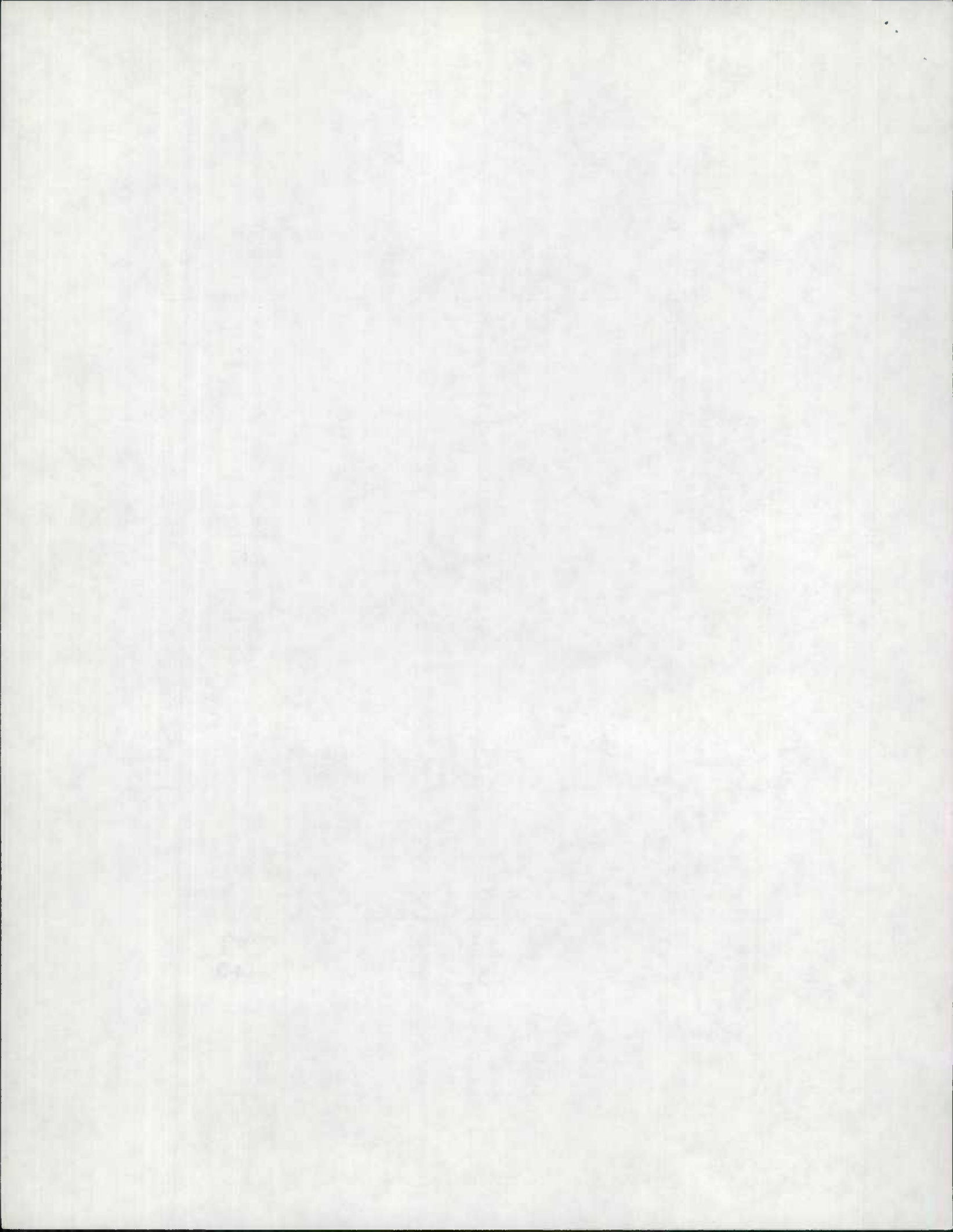
149

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4 →	<u>3</u>	<u>0.32</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4 →	<u>1</u>	<u>0.10</u>
i.	8.5-10.9 →	<u>1</u>	<u>0.07</u>
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) (0.0) pt(ii) (4.0) pt(iii) (2.9, -0.25) pt(iv) (1.2, -0.8) pt(v) (25.9, -0.4)
 pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.09</u>
b.	0.5-2.4	<u>3</u>	<u>0.40</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 343

STARTING MILE POINT: 6.92

ENDING MILE POINT: 8.17

1.25

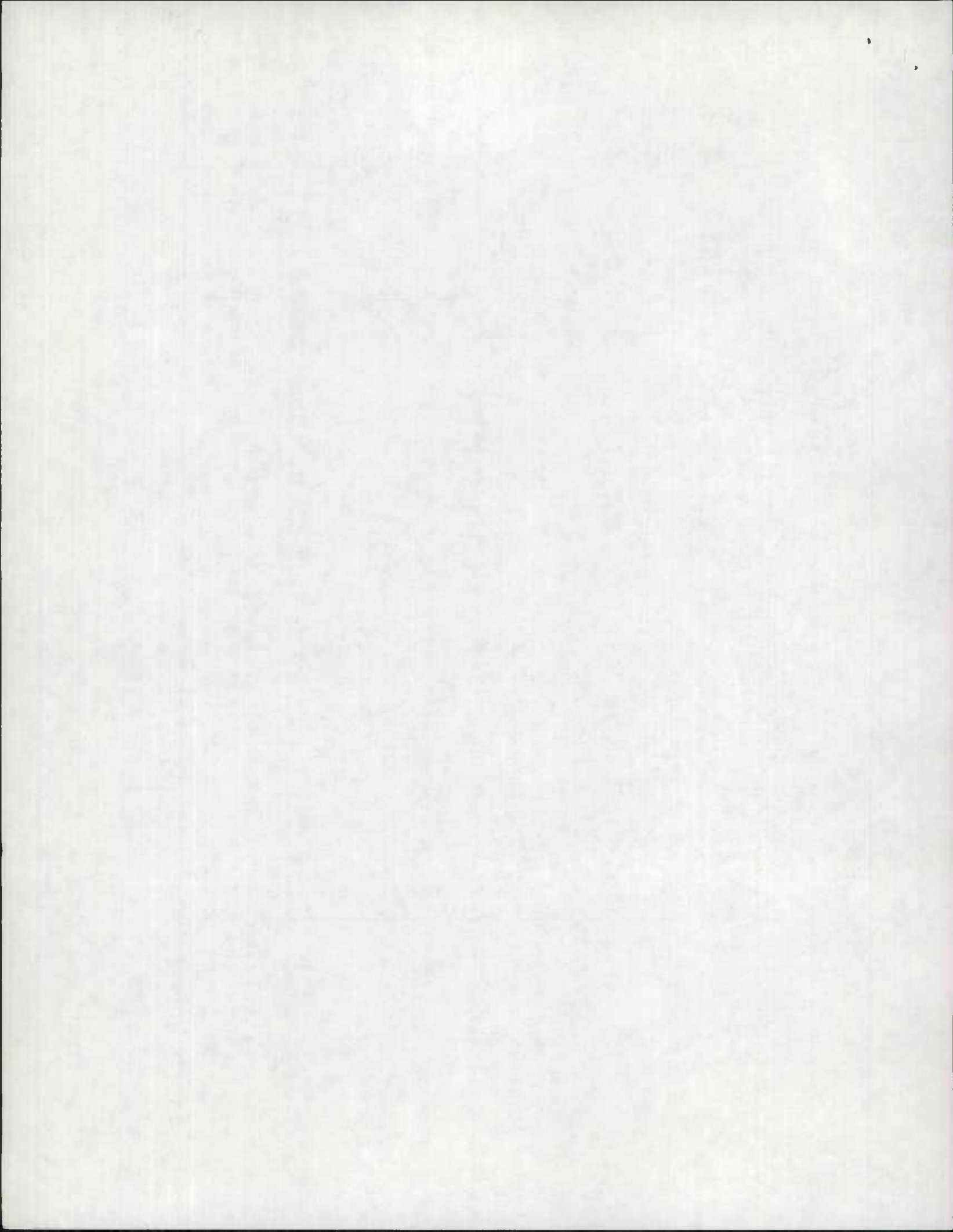
9
②
A - 3/17 - 11:27 AM
V - 3/18 10:35 AM
A - 3/13 1:18 PM

	Curve Classes by Degree of Curvature		Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	→	<u>4</u>	<u>0.85</u>
b.	0.5-1.4		—	—
c.	1.5-2.4		—	—
d.	2.5-3.4	→	<u>1</u>	<u>0.19</u>
e.	3.5-4.4		—	—
f.	4.5-5.4	→	<u>1</u>	<u>6.10</u>
g.	5.5-6.9		—	—
h.	7.0-8.4	→	<u>1</u>	<u>0.11</u>
i.	8.5-10.9		—	—
j.	11.0-13.9		—	—
k.	14.0-19.4		—	—
l.	19.5-27.9		—	—
m.	23+		—	—

GRADE:

pt(i) (0.0) pt(ii) (4.7, 0.2) pt(iii) (8.8, 0.1) pt(iv) (5.5, 0.7) pt(v) (6.6, 1.2)
 pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)		Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		<u>1</u>	<u>0.93</u>
b.	0.5-2.4		<u>3</u>	<u>0.32</u>
c.	2.5-4.4		—	—
d.	4.5-6.4		—	—
e.	6.5-8.4		—	—
f.	8.5-		—	—



ROUTE NUMBER: MD 343

STARTING MILE POINT: 9.15

ENDING MILE POINT: 9.51

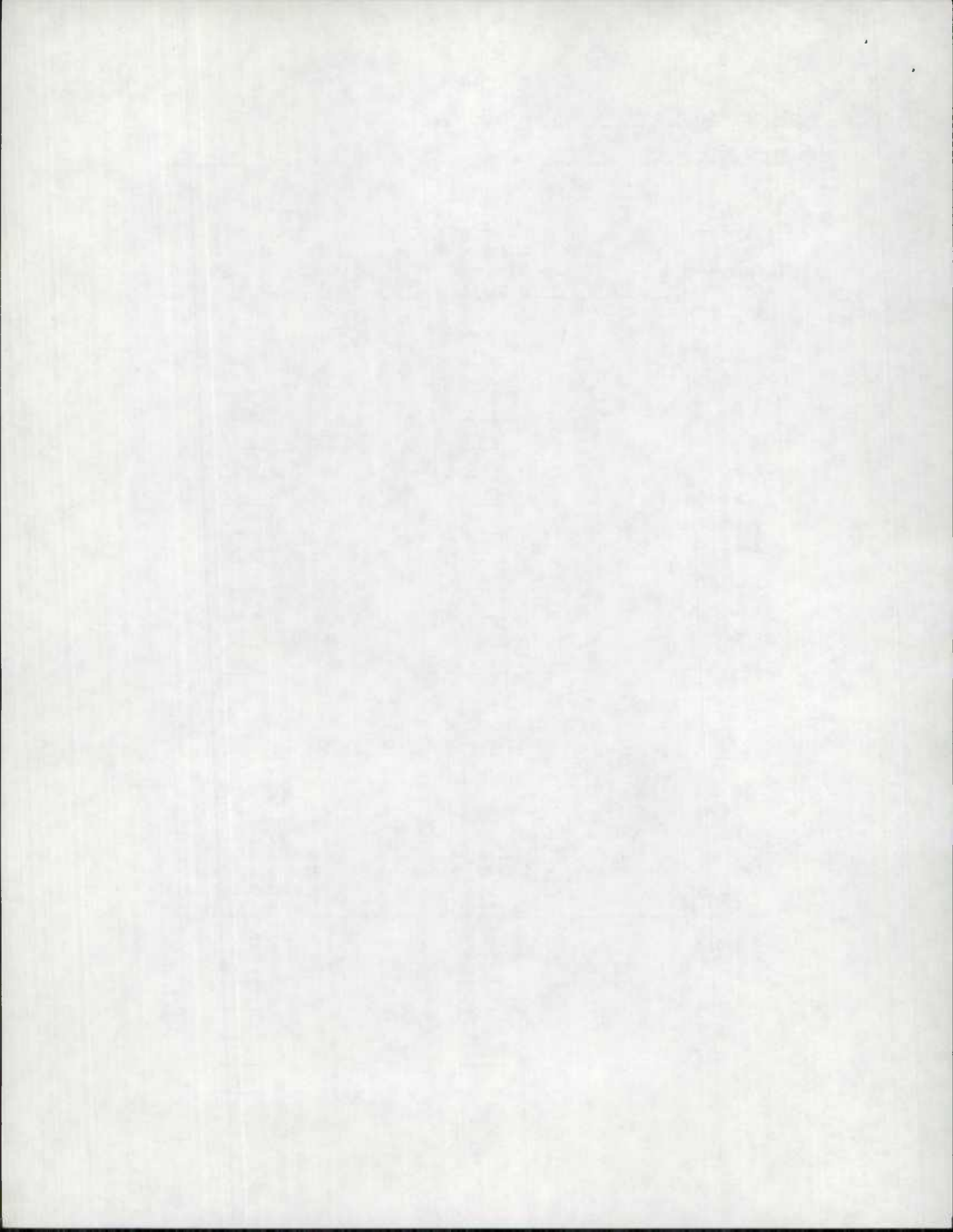
.36

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.36</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) (0.0) pt(ii) (11.29-1) pt(iii) (19.1-0.1) pt(iv) _____ pt(v) _____
 pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.21</u>
b.	0.5-2.4	<u>1</u>	<u>0.15</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 343

STARTING MILE POINT: 10.04

ENDING MILE POINT: 10.33

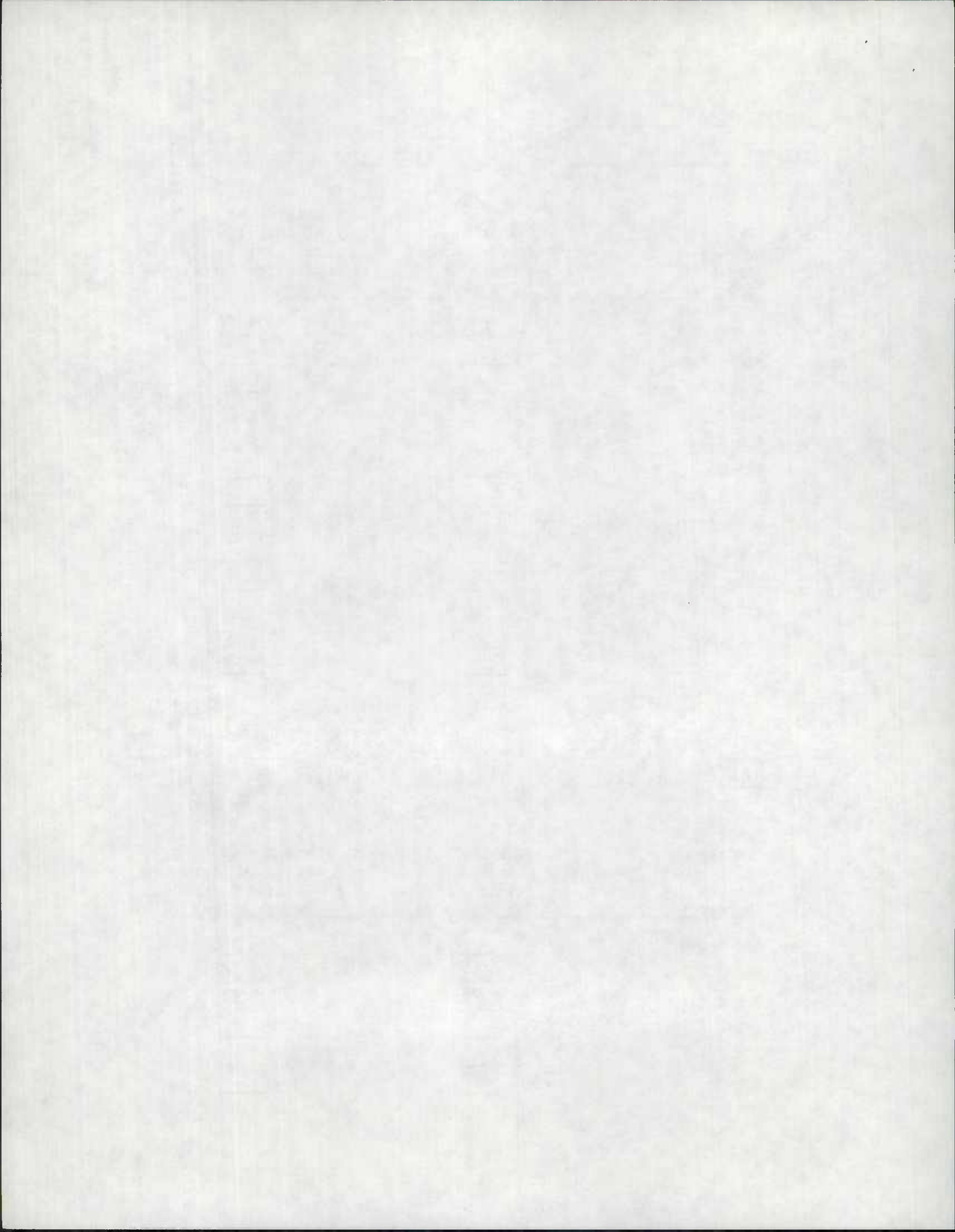
.29

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.19</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	<u>1</u>	<u>0.10</u>
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) (0.0) pt(ii) (2.7, -0.6) pt(iii) (12.2, -0.6) pt(iv) (13.4, -0.8) pt(v) (15.3, -0.7)
pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.07</u>
b.	0.5-2.4	<u>2</u>	<u>0.20</u>
c.	2.5-4.4	<u>81</u>	<u>0.02</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 343

STARTING MILE POINT: 10.45

ENDING MILE POINT: 10.62

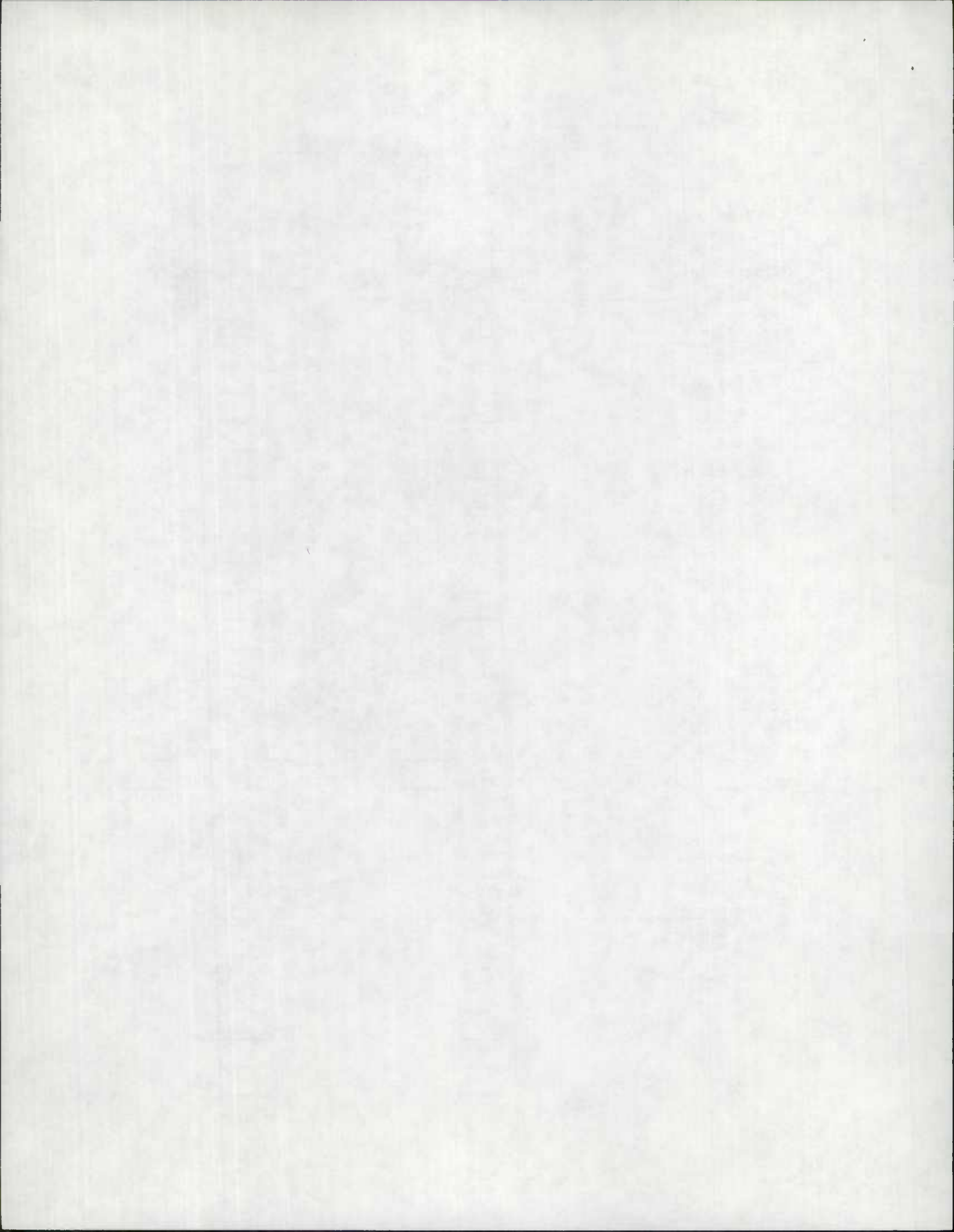
.17

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.17</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) (0.0) pt(ii) (3.5, 0.2) pt(iii) (6.7, 0) pt(iv) (9.0, 1) pt(v) _____
pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	_____	_____
b.	0.5-2.4	<u>3</u>	<u>0.17</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 343

STARTING MILE POINT: 10.62

ENDING MILE POINT: 10.97

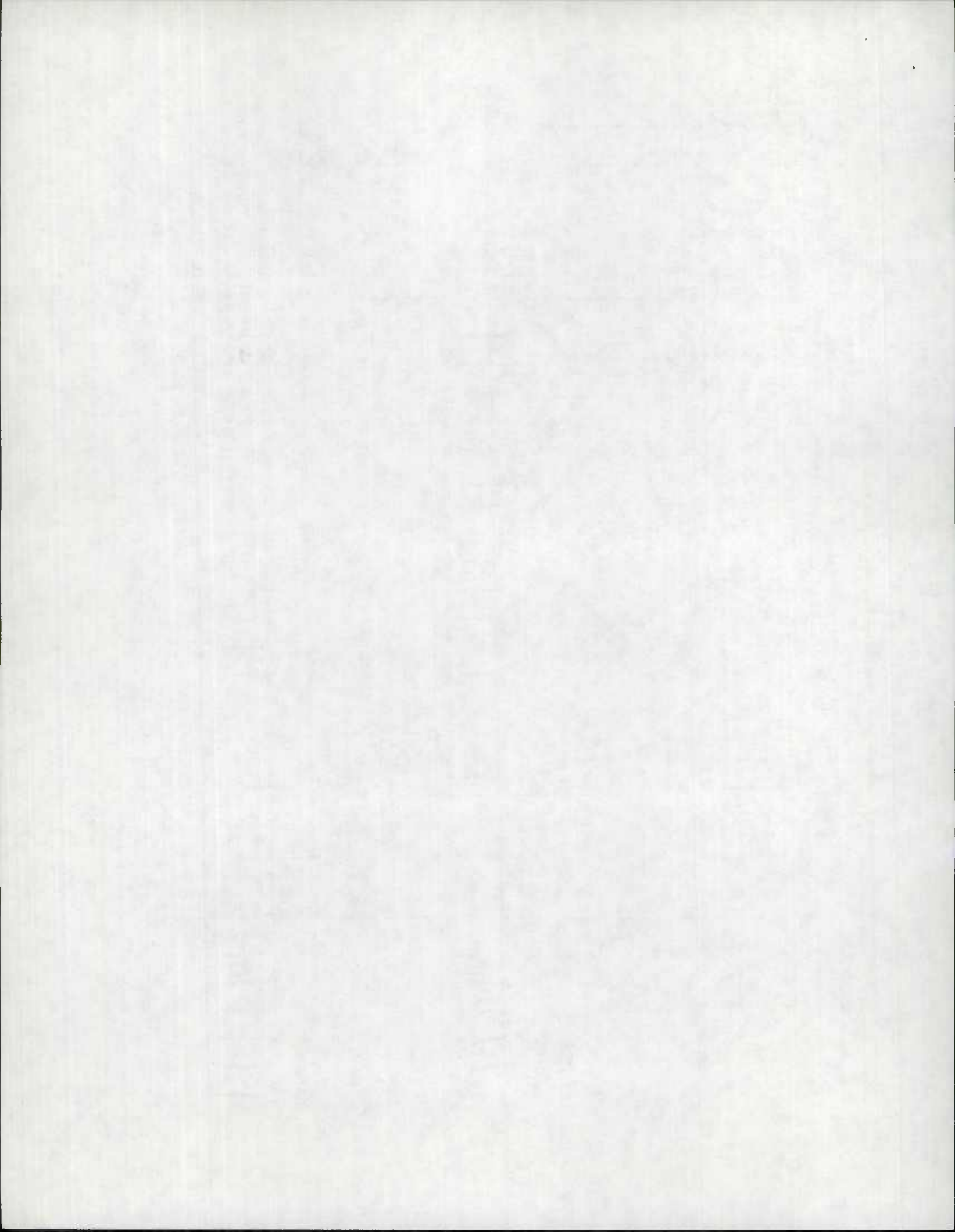
135

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4 →	<u>1</u>	<u>0.23</u>
b.	0.5-1.4 →	<u>1</u>	<u>0.12</u>
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9 →	<u>1</u>	<u>0.10</u>
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (0.0) pt (ii) (9.5, 0.2) pt (iii) (14.7, -0.1) pt (iv) (18.5, -0.1) pt (v) _____
pt (vi) _____ pt (vii) _____ pt (viii) _____ pt (ix) _____ pt (x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.07</u>
b.	0.5-2.4	<u>2</u>	<u>0.28</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 343

STARTING MILE POINT: 10.97

ENDING MILE POINT: 11.08

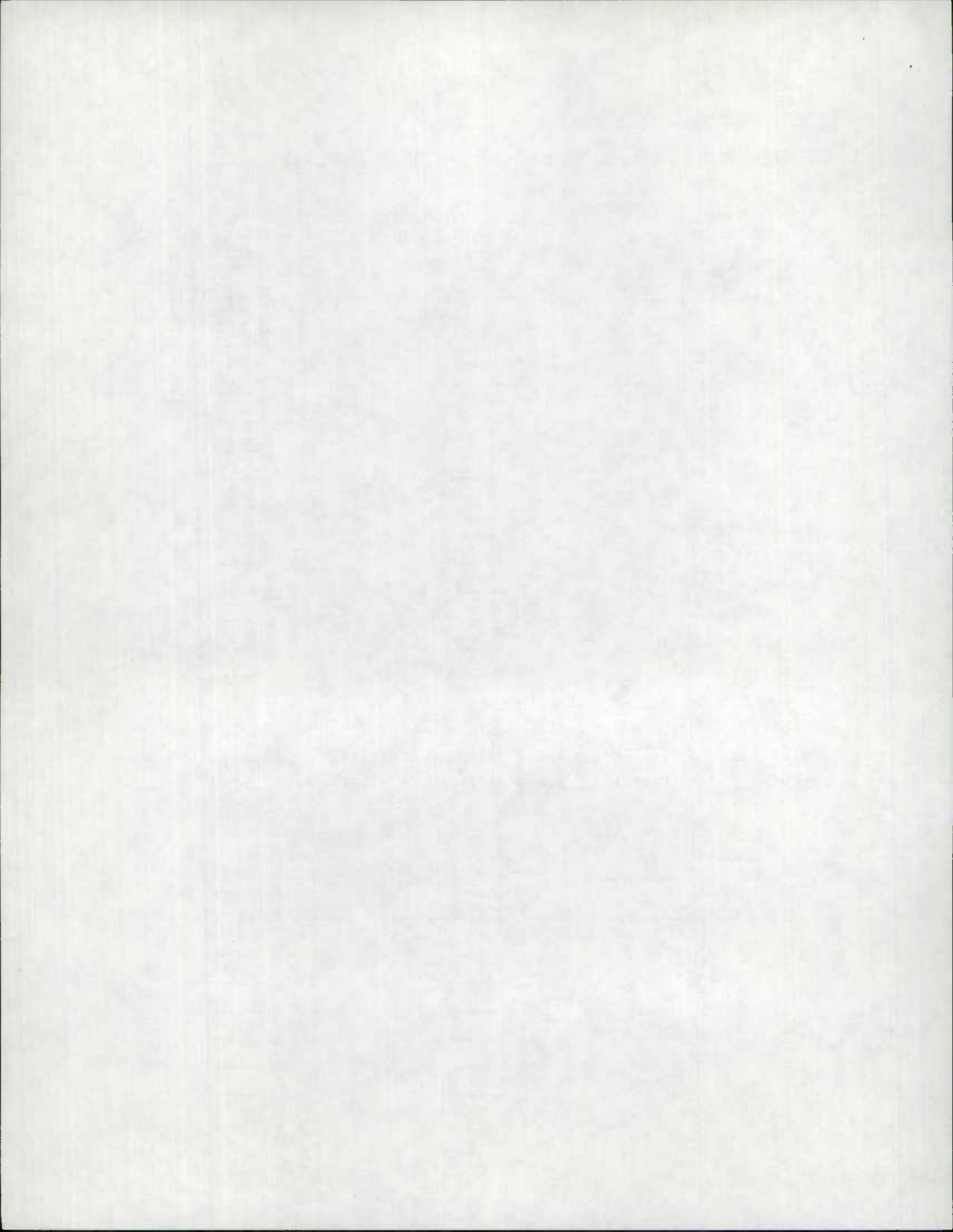
.11

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.05</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	<u>1</u>	<u>0.06</u>
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) (0.0) pt(ii) (3.4, -0.1) pt(iii) (5.8, -0.2) pt(iv) _____ pt(v) _____
 pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	_____	_____
b.	0.5-2.4	<u>2</u>	<u>0.11</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 392

STARTING MILE POINT: 0.00

ENDING MILE POINT: 0.71

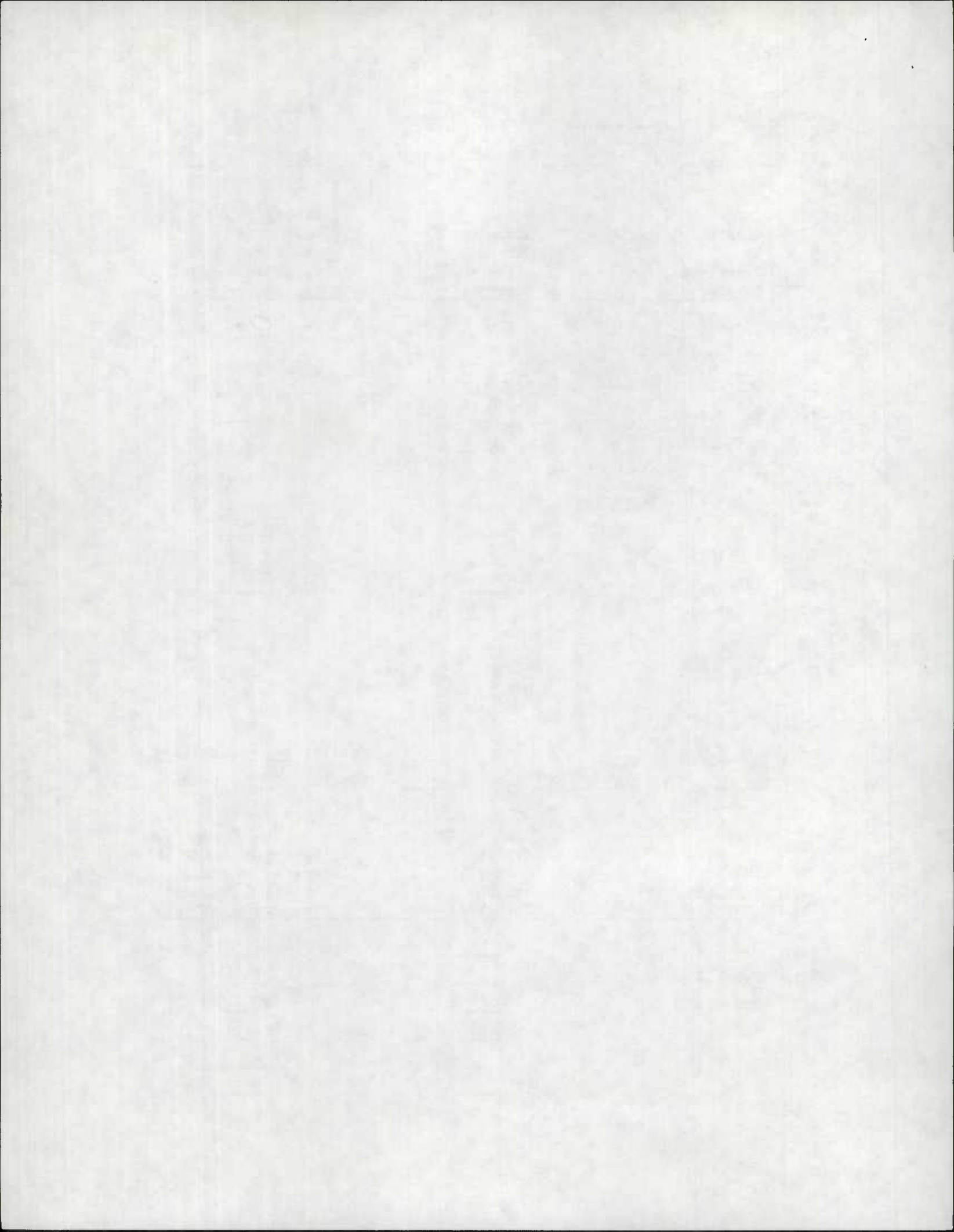
.71

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4 →	<u>1</u>	<u>0.24</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4 →	<u>1</u>	<u>0.47</u>
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (0.0) pt (ii) (16.2) pt (iii) (26.2, 2.4) pt (iv) (33.4, 2.4) pt (v) (37.5, 2.2)
 pt (vi) _____ pt (vii) _____ pt (viii) _____ pt (ix) _____ pt (x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.14</u>
b.	0.5-2.4	<u>2</u>	<u>2.27</u>
c.	2.5-4.4	<u>1</u>	<u>0.30</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 392

STARTING MILE POINT: 10.08

ENDING MILE POINT: 13.64
3.56

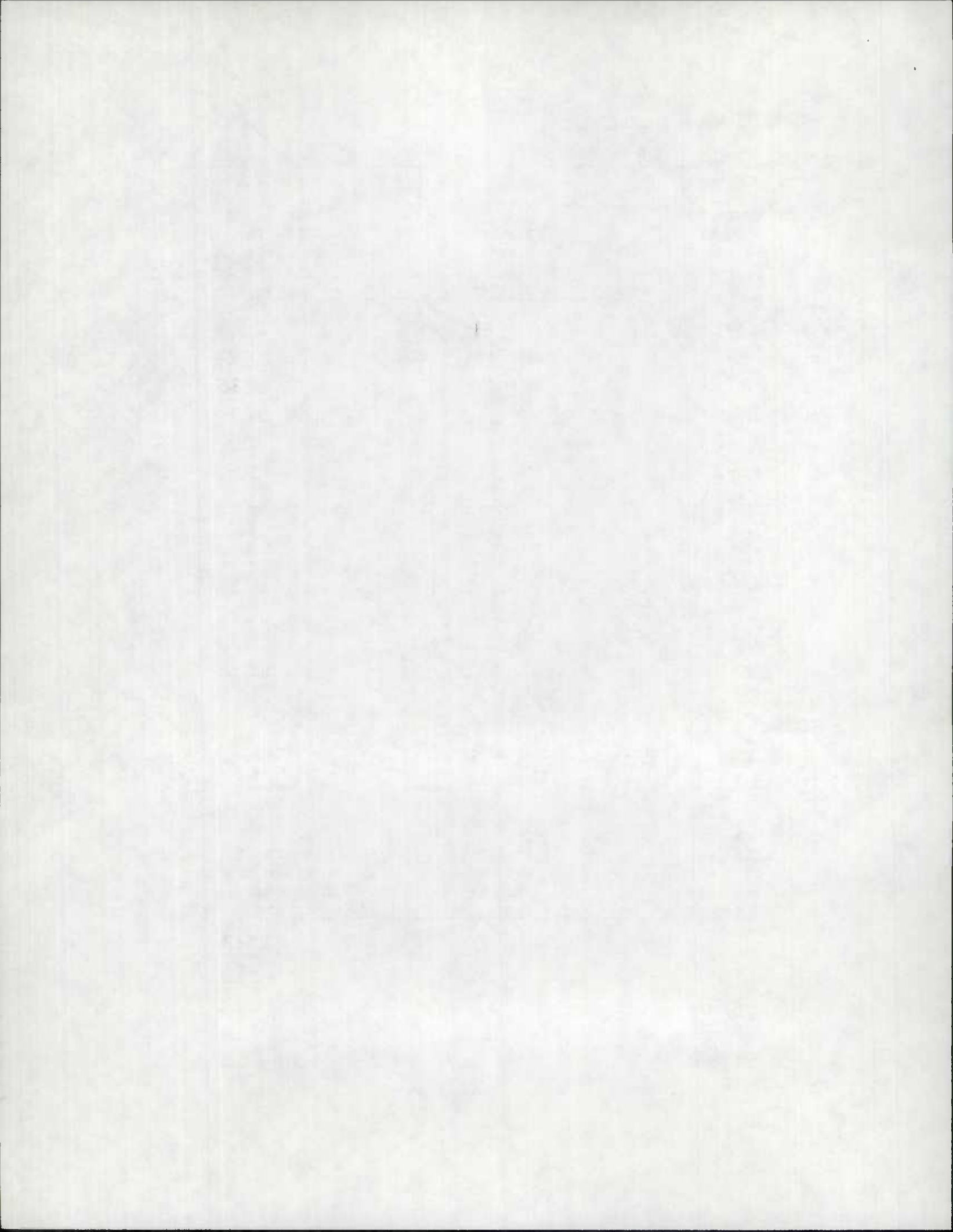
Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a. 0.0-0.4	<u>3</u>	<u>2.82</u>
b. 0.5-1.4	<u>2</u>	<u>0.22</u>
c. 1.5-2.4	<u>2</u>	<u>0.36</u>
d. 2.5-3.4	<u>1</u>	<u>0.16</u>
e. 3.5-4.4	---	---
f. 4.5-5.4	---	---
g. 5.5-6.9	---	---
h. 7.0-8.4	---	---
i. 8.5-10.9	---	---
j. 11.0-13.9	---	---
k. 14.0-19.4	---	---
l. 19.5-27.9	---	---
m. 23+	---	---

GRADE:

pt (i) (0.0) pt (ii) (5.7, 0.2) pt (iii) (29.4, 0.1) pt (iv) (40.7, 0.3) pt (v) (84, 0.2)
 pt (vi) (138, 0.9) pt (vii) (25, 0.9) pt (viii) (101.7, 2.6) pt (ix) (121.2, 2.2) pt (x) (155.8, 2.7)

(176, 2.8) (79.5, 3.0)

Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a. 0.0-0.4	<u>7</u>	<u>2.74</u>
b. 0.5-2.4	<u>3</u>	<u>0.51</u>
c. 2.5-4.4	<u>1</u>	<u>0.31</u>
d. 4.5-6.4	---	---
e. 6.5-8.4	---	---
f. 8.5-	---	---



ROUTE NUMBER: US 50

STARTING MILE POINT: 0.94

ENDING MILE POINT: 0.97

.03

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.03</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) (0.0) pt(ii) (1.5, 0) ~~(0.8, 0)~~ pt(iii) _____ pt(iv) _____ pt(v) _____
pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.03</u>
b.	0.5-2.4	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

ROUTE NUMBER: US 50

STARTING MILE POINT: 0.97

ENDING MILE POINT: 1.02

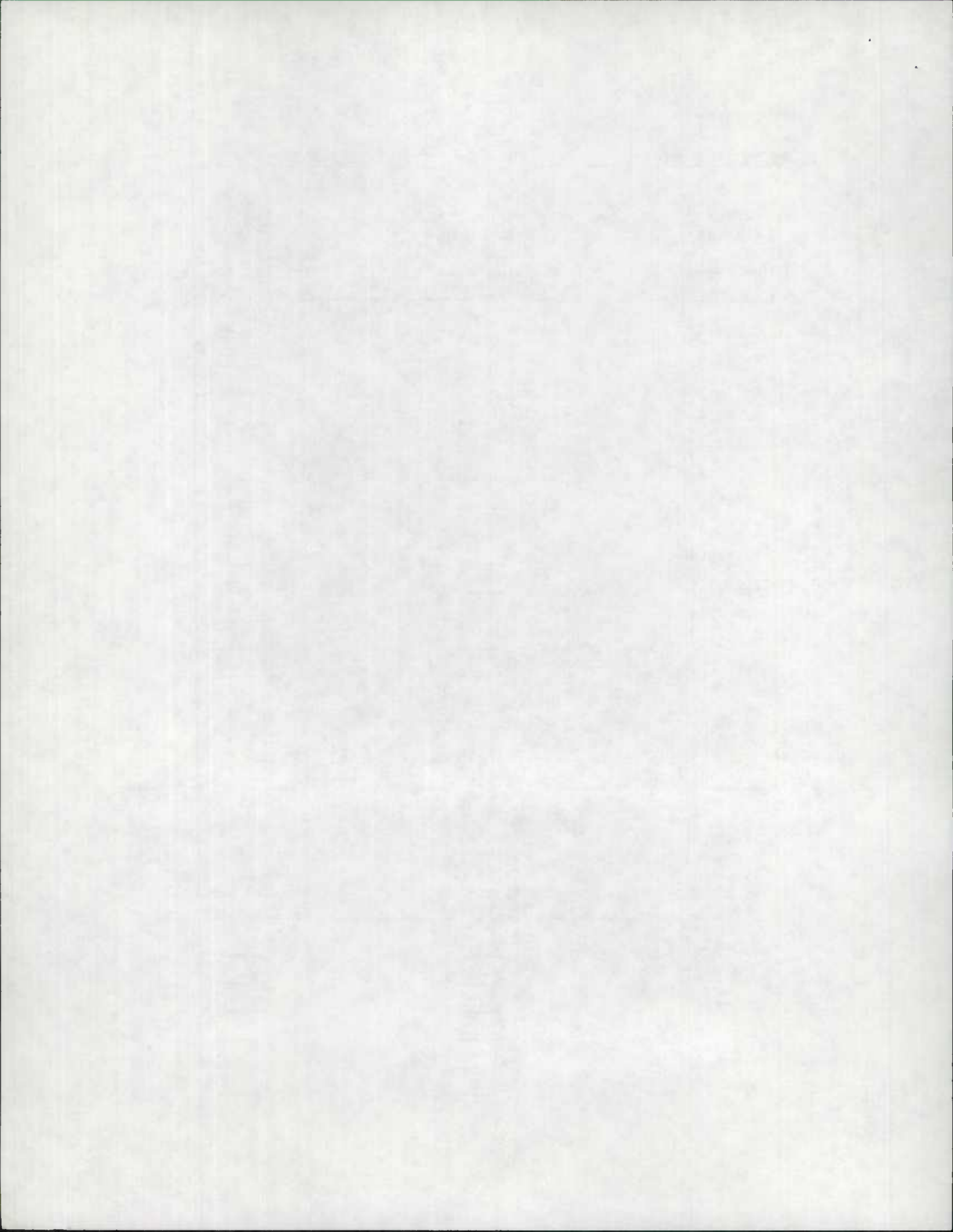
0.05

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.05</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) (0,0) pt(ii) (2.5, -0.1) pt(iii) _____ pt(iv) _____ pt(v) _____
pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	_____	_____
b.	0.5-2.4	<u>1</u>	<u>0.05</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



V-3/22
10:55 AM

ROUTE NUMBER: US 50

STARTING MILE POINT: 1.02

ENDING MILE POINT: 1.05

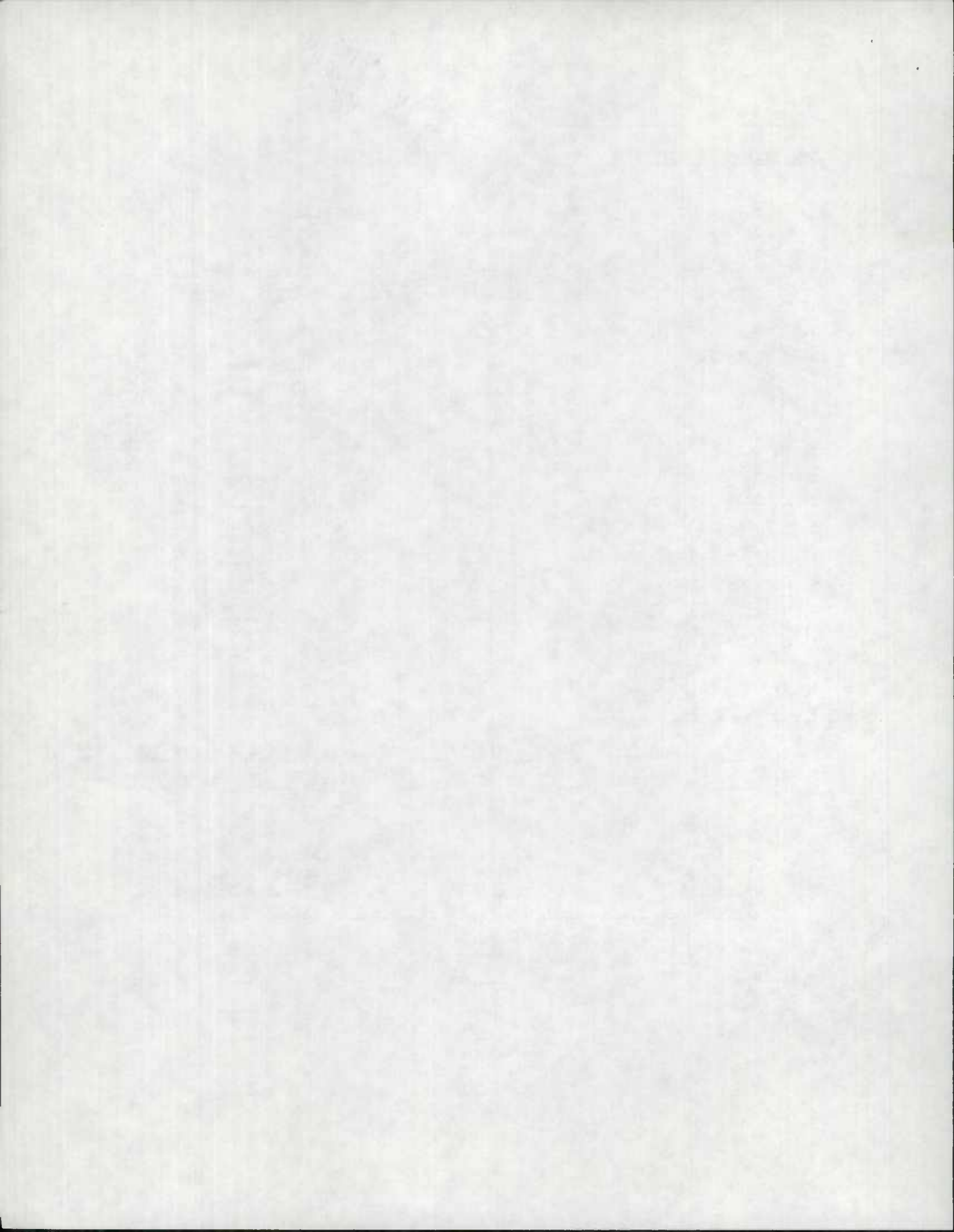
.03

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.03</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (0,0) pt (ii) (1.0,0) pt (iii) _____ pt (iv) _____ pt (v) _____
 pt (vi) _____ pt (vii) _____ pt (viii) _____ pt (ix) _____ pt (x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.3</u>
b.	0.5-2.4	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 50

STARTING MILE POINT: 1.05

ENDING MILE POINT: 1.37

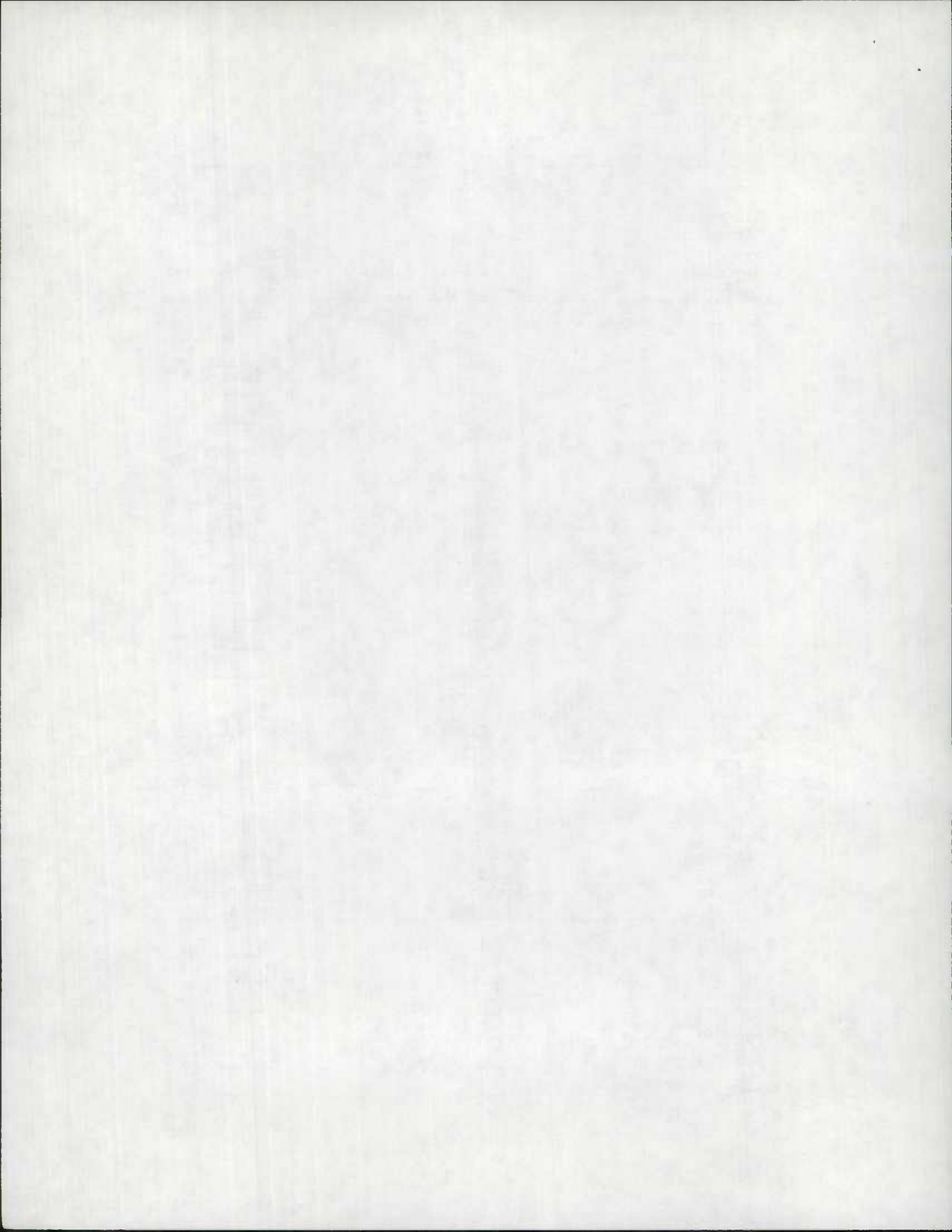
, 32

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4 →	<u>1</u>	<u>0.16</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4 →	<u>1</u>	<u>0.18</u>
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (0.0) pt (ii) (1.81-0.1) pt (iii) (3.9, -0.3) pt (iv) (11.3, 0.6) pt (v) (16.9, 0.7)
 pt (vi) _____ pt (vii) _____ pt (viii) _____ pt (ix) _____ pt (x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.11</u>
b.	0.5-2.4	<u>9</u>	<u>0.21</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 50

STARTING MILE POINT: 1.37

ENDING MILE POINT: 1.44

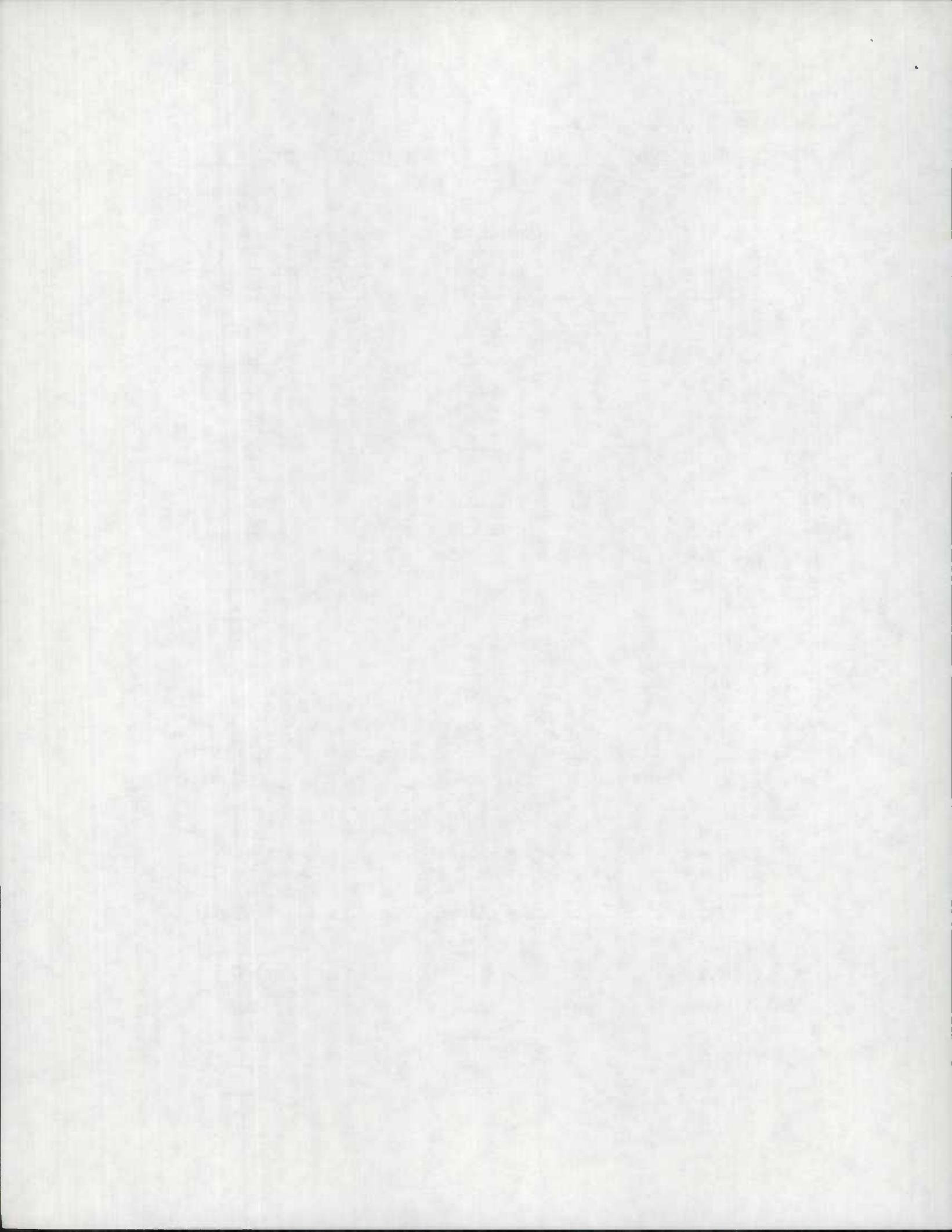
.07

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4 →	<u>1</u>	<u>0.05</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4 →	<u>1</u>	<u>0.02</u>
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (0.0) pt (ii) (2.7, 0.2) pt (iii) _____ pt (iv) _____ pt (v) _____
pt (vi) _____ pt (vii) _____ pt (viii) _____ pt (ix) _____ pt (x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	_____	_____
b.	0.5-2.4	<u>1</u>	<u>0.07</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 50

STARTING MILE POINT: 12.58

ENDING MILE POINT: 13.06

.48

	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4 →	<u>1</u>	<u>0.24</u>
b.	0.5-1.4 →	<u>1</u>	<u>0.24</u>
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (0,0) pt (ii) (1,0) pt (iii) (21.8,0.3) pt (iv) (25.4,0.7) pt (v) _____
pt (vi) _____ pt (vii) _____ pt (viii) _____ pt (ix) _____ pt (x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.02</u>
b.	0.5-2.4	<u>2</u>	<u>0.46</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

02/11/92

SAMPLES FOR CURVES AND GRADES

PAGE 1

CO	PREFIX	ROUTE	SUFFIX	BEGIN	SECTION LENTH	END
DORCHESTER COUNTY						
9	MD	16	000	14.52	00.20	14.72 ✓
9	MD	16	000	14.72	00.82	15.54 ✓
9	MD	16	000	16.36	00.24	16.60 ✓
9	MD	16	000	16.60	00.07	16.67 ✓
9	MD	16	000	16.67	00.14	16.81 ✓
9	MD	331	000	12.07	00.68	12.75 ✓
9	MD	335	000	06.58	03.49	10.07 ✓
9	MD	335	000	10.07	01.30	11.37 ✓
9	MD	335	000	11.37	00.15	11.52 ✓
9	MD	335	000	11.52	00.58	12.10 ✓
9	MD	335	000	12.10	00.49	12.59 ✓
9	MD	343	000	06.92	01.25	08.17 ✓
9	MD	343	000	09.15	00.36	09.51 ✓
9	MD	343	000	10.04	00.29	10.33 ✓
9	MD	343	000	10.45	00.17	10.62 ✓
9	MD	343	000	10.62	00.35	10.97 ✓
9	MD	343	000	10.97	00.11	11.08 ✓
9	MD	392	000	00.00	00.71	00.71 ✓
9	MD	392	000	10.08	03.56	13.64 ✓
9	US	50	000	00.94	00.03	00.97 ✓
9	US	50	000	00.97	00.05	01.02 ✓
9	US	50	000	01.02	00.03	01.05 ✓
9	US	50	000	01.05	00.32	01.37 ✓
9	US	50	000	01.37	00.07	01.44 ✓
9	US	50	000	12.58	00.48	13.06 ✓

TOTAL NUMBER OF RECORDS: 25

