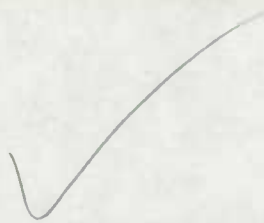


①

ROUTE NUMBER: IS 95



STARTING MILE POINT: 1.98

ENDING MILE POINT: 2.39

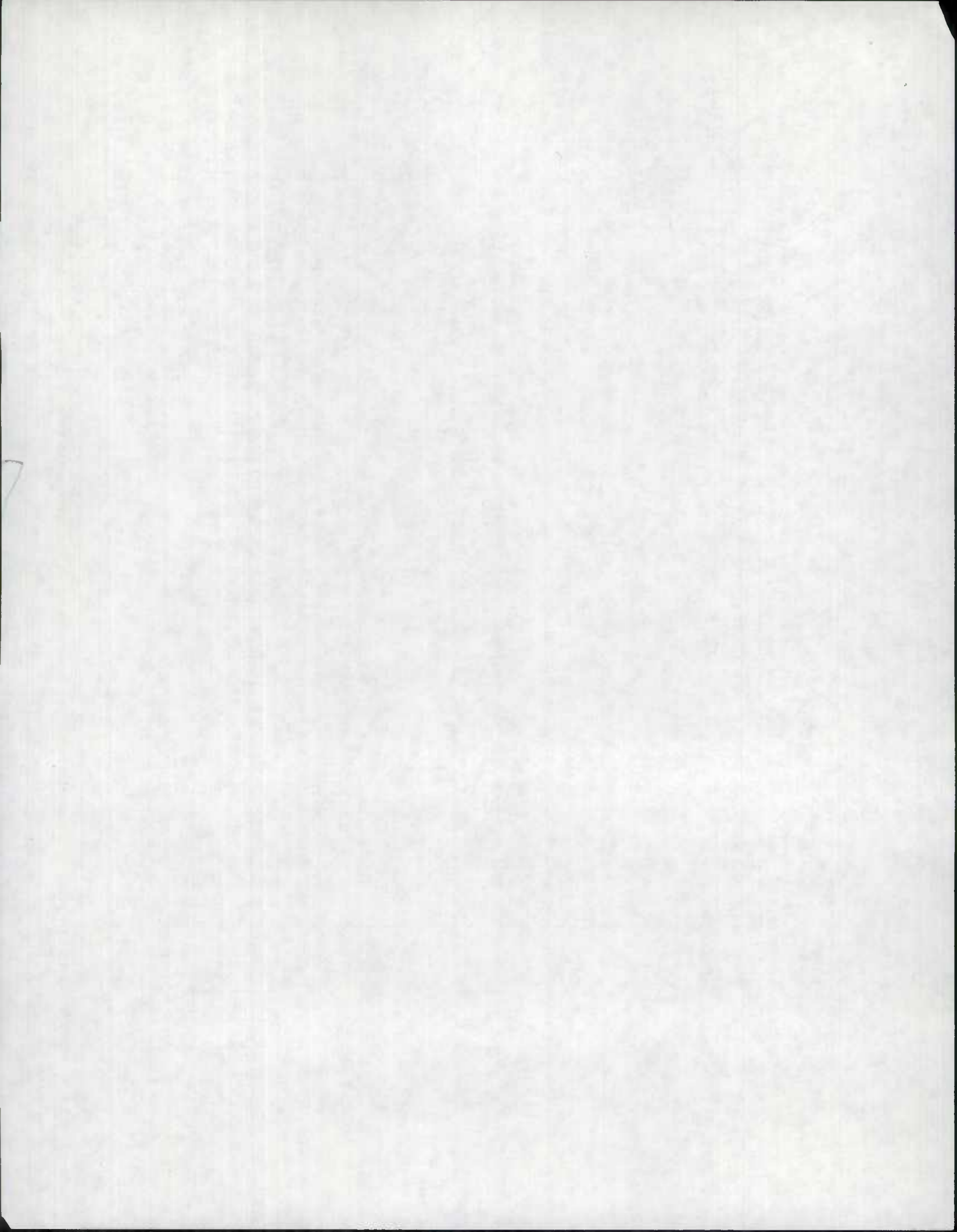
.41

	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>0.41</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) (80.05) pt (iii) (11.6, 2.3) pt (iv) (21.6, 2.6) 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>0.15</u>
b.	0.5-2.4	<u> </u>	<u> </u>
c.	2.5-4.4	<u>2</u>	<u>0.26</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: IS 95

STARTING MILE POINT: 2.75

ENDING MILE POINT: 4.19

1.44

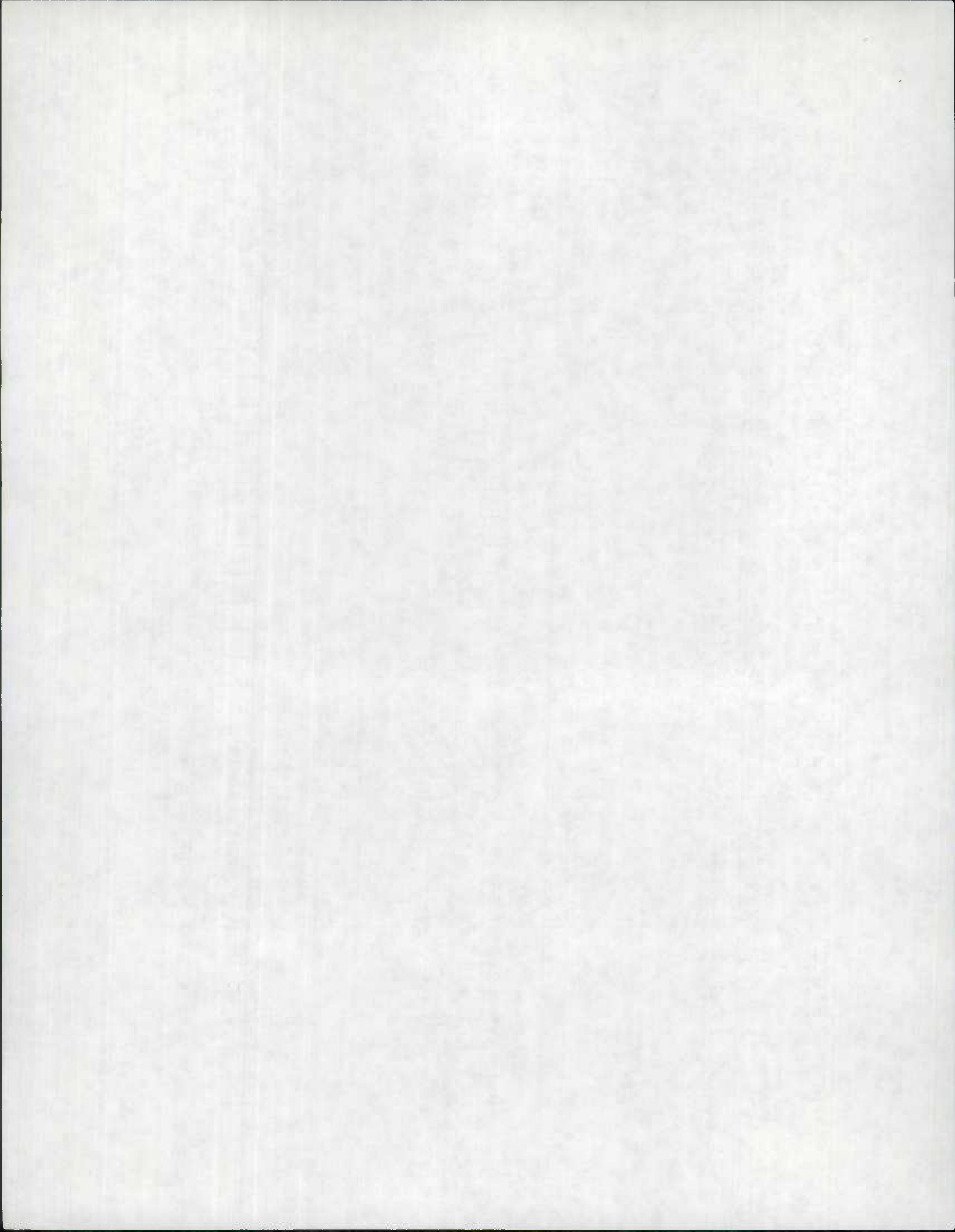
	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>2</u>	<u>1.12</u>
b.	0.5-1.4	<u>0.95, 0.95</u> → <u>1+1</u>	<u>0.08 + 0.24</u>
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
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) _____ pt(ii) _____ 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>3</u>	<u>1.44</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

← from Sean's result (1990)



ROUTE NUMBER: IS 95



STARTING MILE POINT: 8.02

ENDING MILE POINT: 8.31

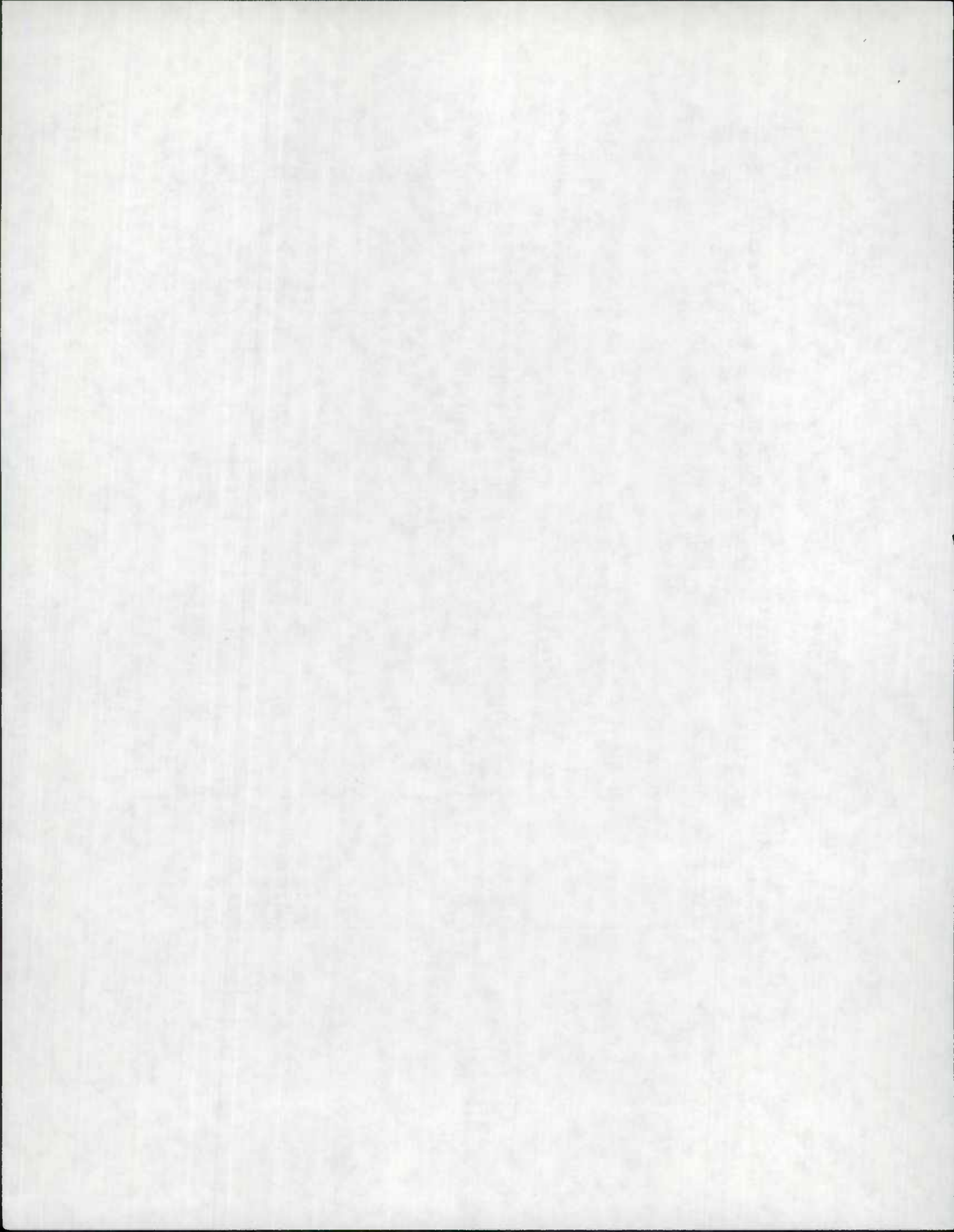
.29

	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	→ 1	0.12
b.	0.5-1.4	→ 1	0.17
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) (3.6, 0.2) pt(iii) (15.3, 2.0) 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	1	0.07
c.	2.5-4.4	1	0.22
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: IS 95

STARTING MILE POINT: 8.31

ENDING MILE POINT: 8.60

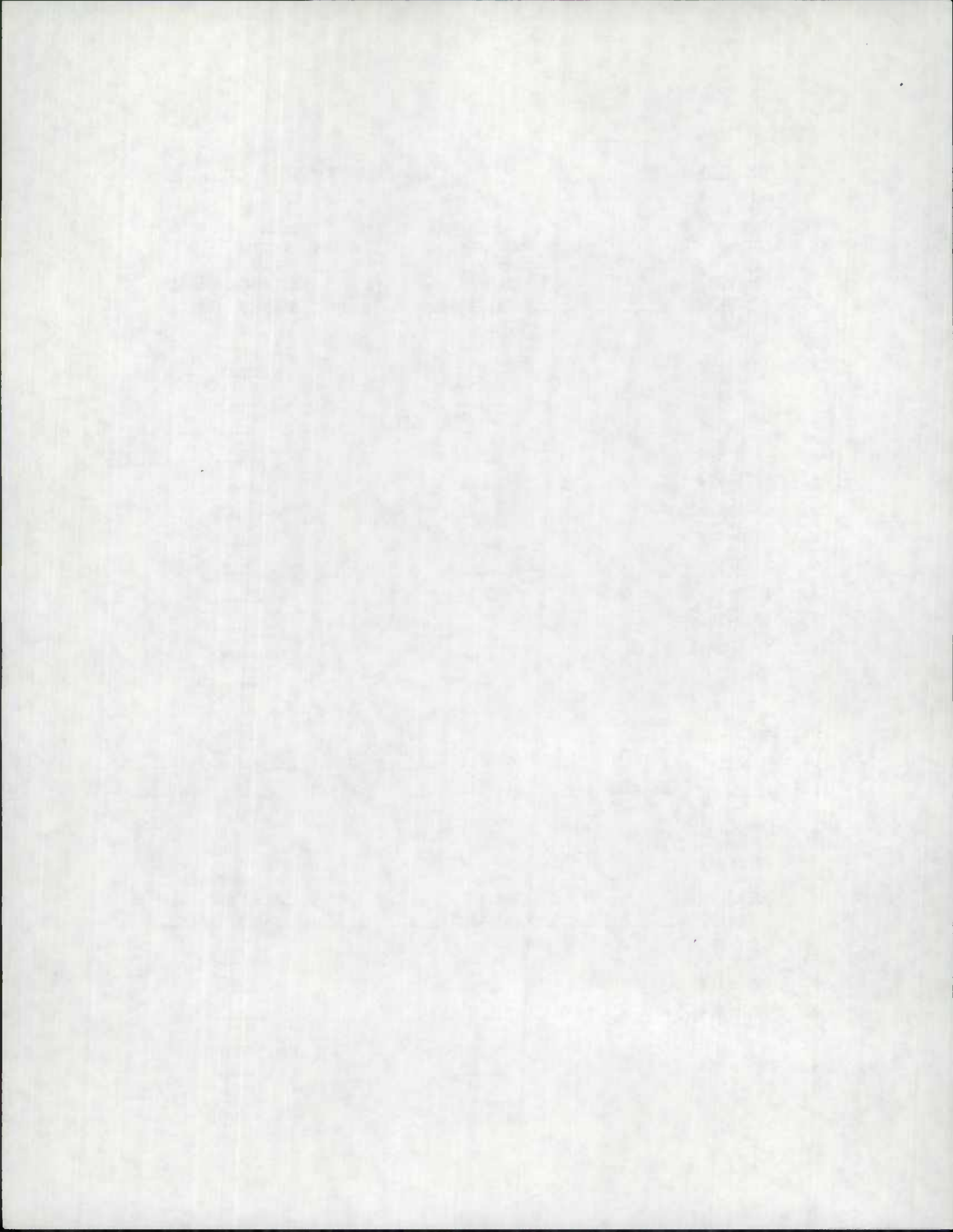
.29

	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>0.09</u>
b.	0.5-1.4	<u>1</u>	<u>0.20</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) (15.3, 20) 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	_____	_____
c.	2.5-4.4	<u>1</u>	<u>0.29</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



NOTE: This Length section is very long.

ROUTE NUMBER: IS 95

STARTING MILE POINT: 8.99

ENDING MILE POINT: 17.21

8.22

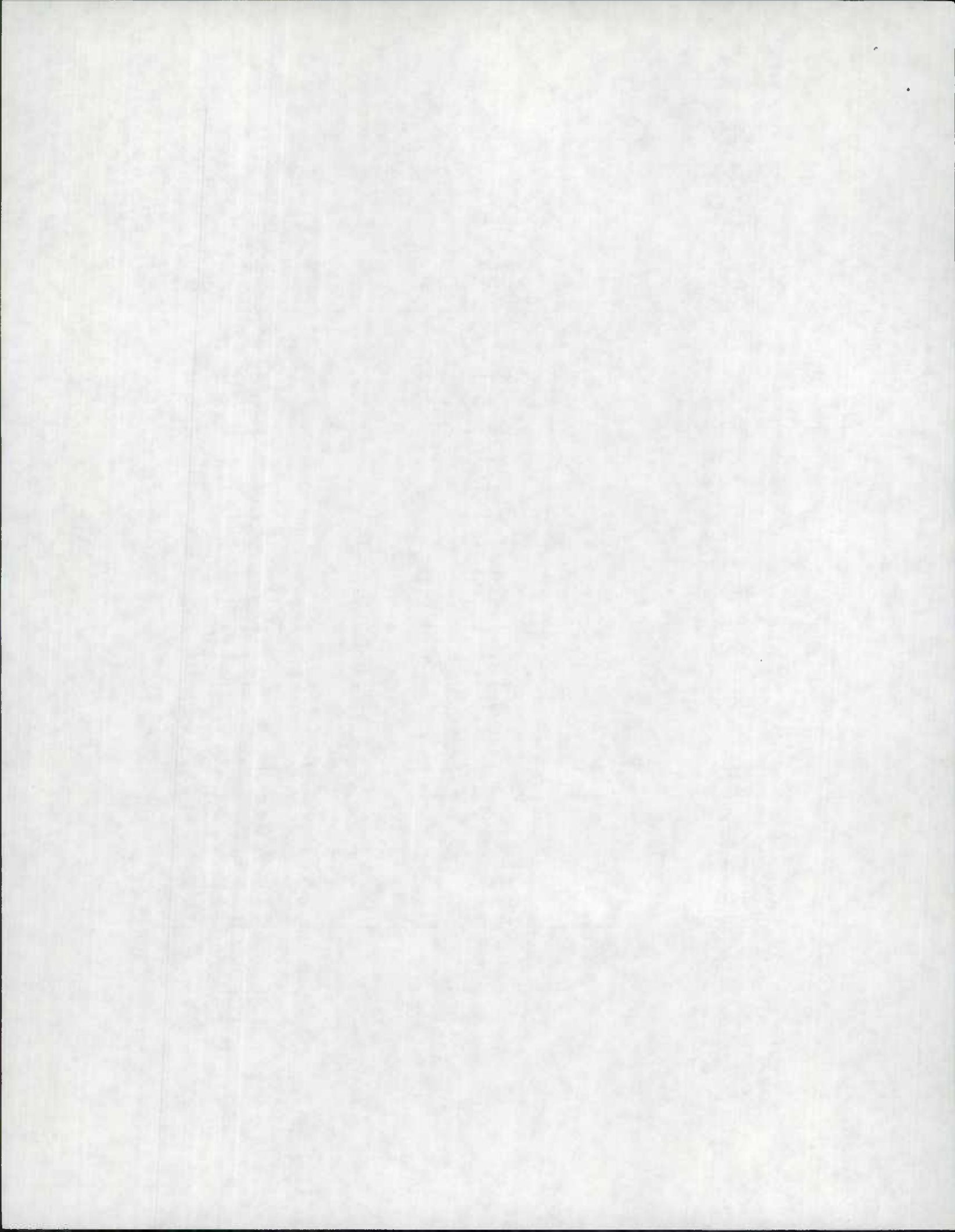
Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a. 0.0-0.4	<u>8</u>	<u>5.55</u>
b. 0.5-1.4	<u>6</u>	<u>0.07 + 0.30 + 0.70 + 0.92</u>
c. 1.5-2.4	<u>2</u>	<u>0.14 + 0.18</u>
d. 2.5-3.4	_____	_____
e. 3.5-4.4	_____	_____
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) (8.0) pt(ii) (30.3, 1.6) pt(iii) (56.2, 2.5) pt(iv) (46.9, 0.4) pt(v) (110.9, 3.9)
 pt(vi) (136.5, 4.1) pt(vii) (164.5, 3.3) pt(viii) (186.1, 6) pt(ix) (214.7, 5.5) pt(x) (246.9, 7.8)
(272.6, 3.2) (314.6, 7.7) (336.8, 7.8) (399.7, 9.9) (407.5, 7.3)

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>3</u>	<u>1.64</u>
b. 0.5-2.4	<u>10</u>	<u>5.64</u>
c. 2.5-4.4	<u>2</u>	<u>0.94</u>
d. 4.5-6.4	_____	_____
e. 6.5-8.4	_____	_____
f. 8.5-	_____	_____

• After updated error showed "MILES"



ROUTE NUMBER: IS 95

STARTING MILE POINT: 17.21

ENDING MILE POINT: 17.78

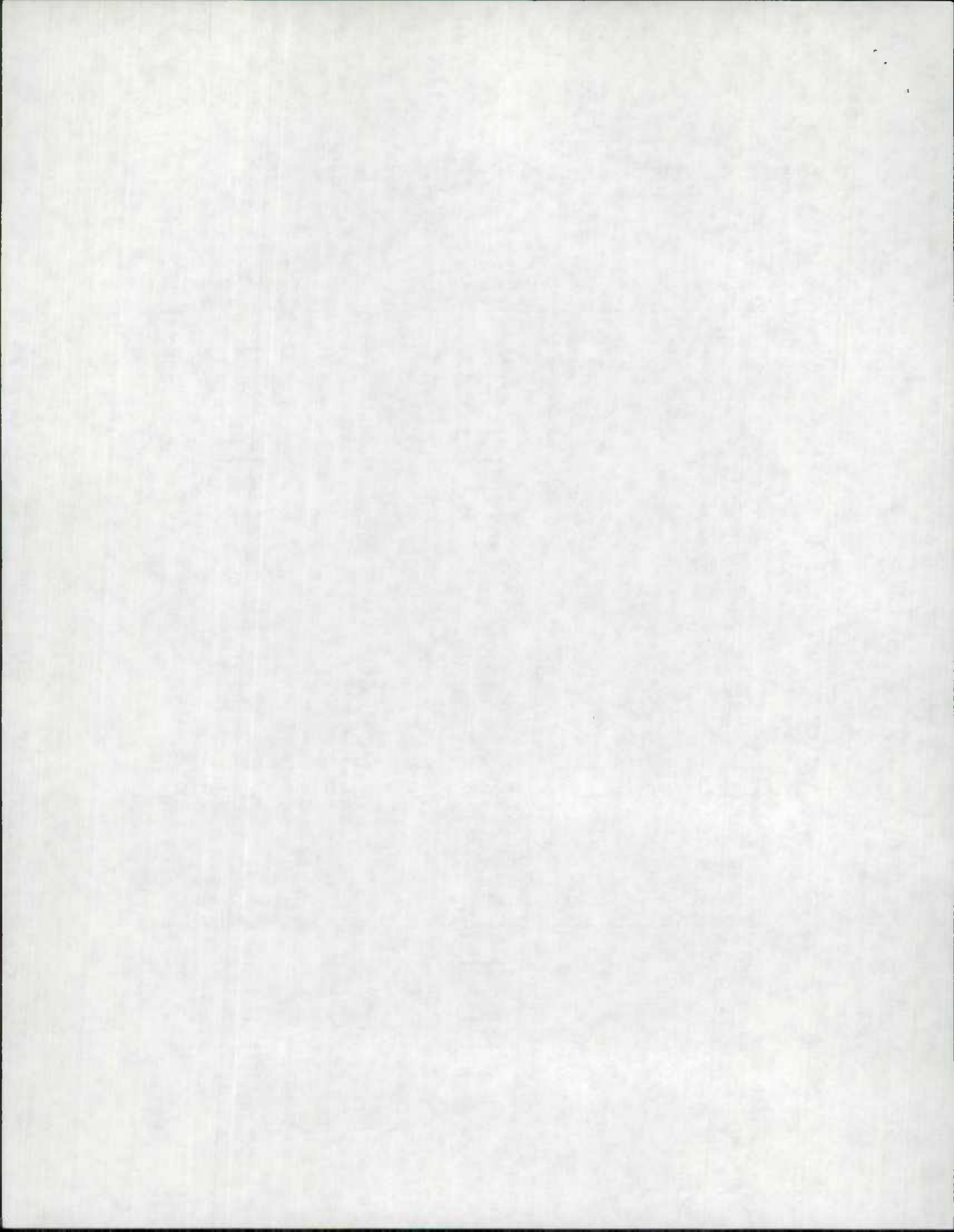
.57

	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	1	0.36
b.	0.5-1.4	1	0.21
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) (22.7, 3) pt(iii) (20.1, 3.1) 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	1	0.14
b.	0.5-2.4		
c.	2.5-4.4	1	0.43
d.	4.5-6.4		
e.	6.5-8.4		
f.	8.5-		



ROUTE NUMBER: IS 95

STARTING MILE POINT: 17.78

ENDING MILE POINT: 18.56

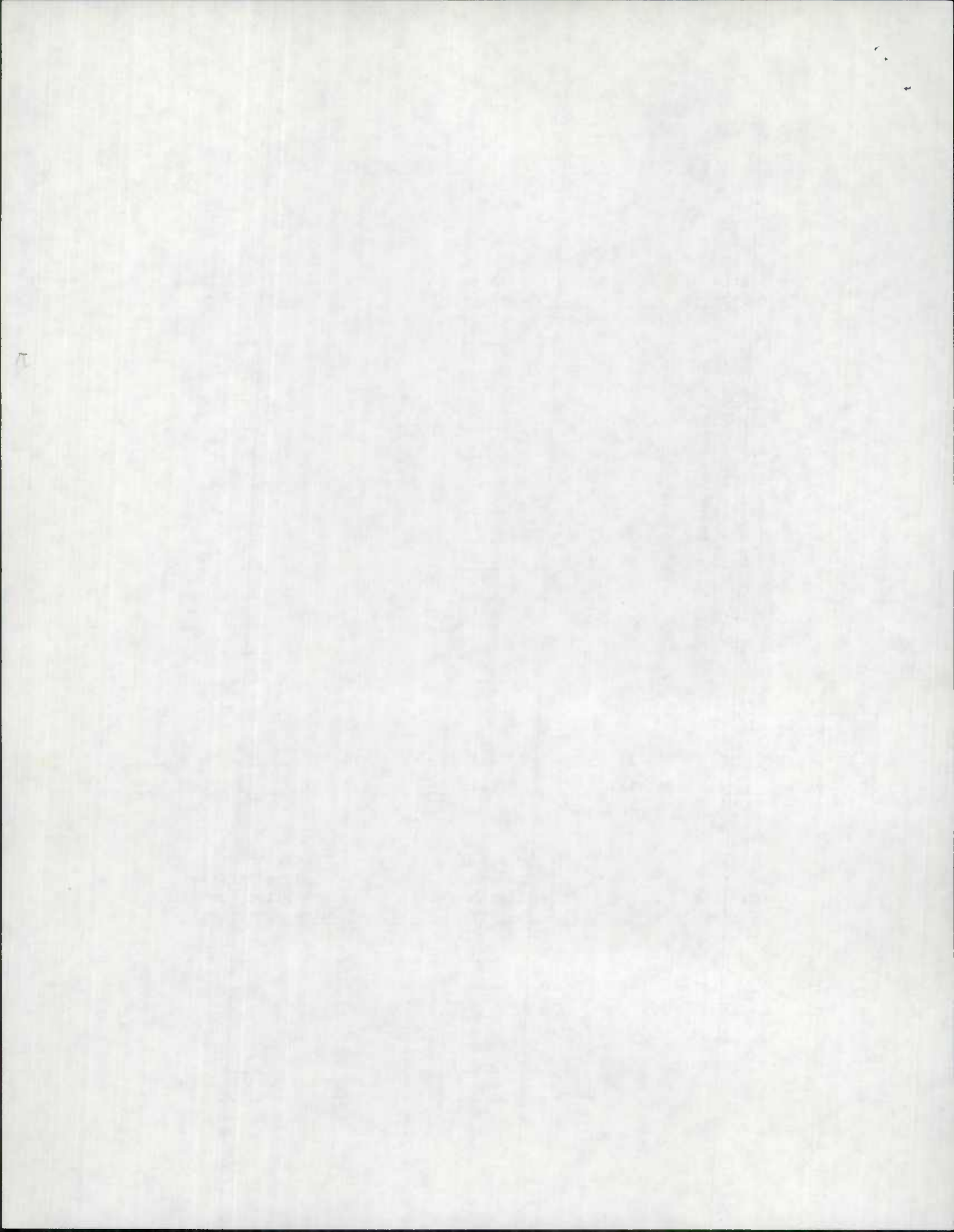
.78

	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>0.61</u>
b.	0.5-1.4	<u>1</u>	<u>0.17</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) (10.6,0.1) pt (iii) (29,1.3) pt (iv) (32.8,1.3) 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>2</u>	<u>0.35</u>
b.	0.5-2.4	<u>1</u>	<u>0.43</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



②

ROUTE NUMBER: MD 213

STARTING MILE POINT: 17.21

ENDING MILE POINT: 18.25

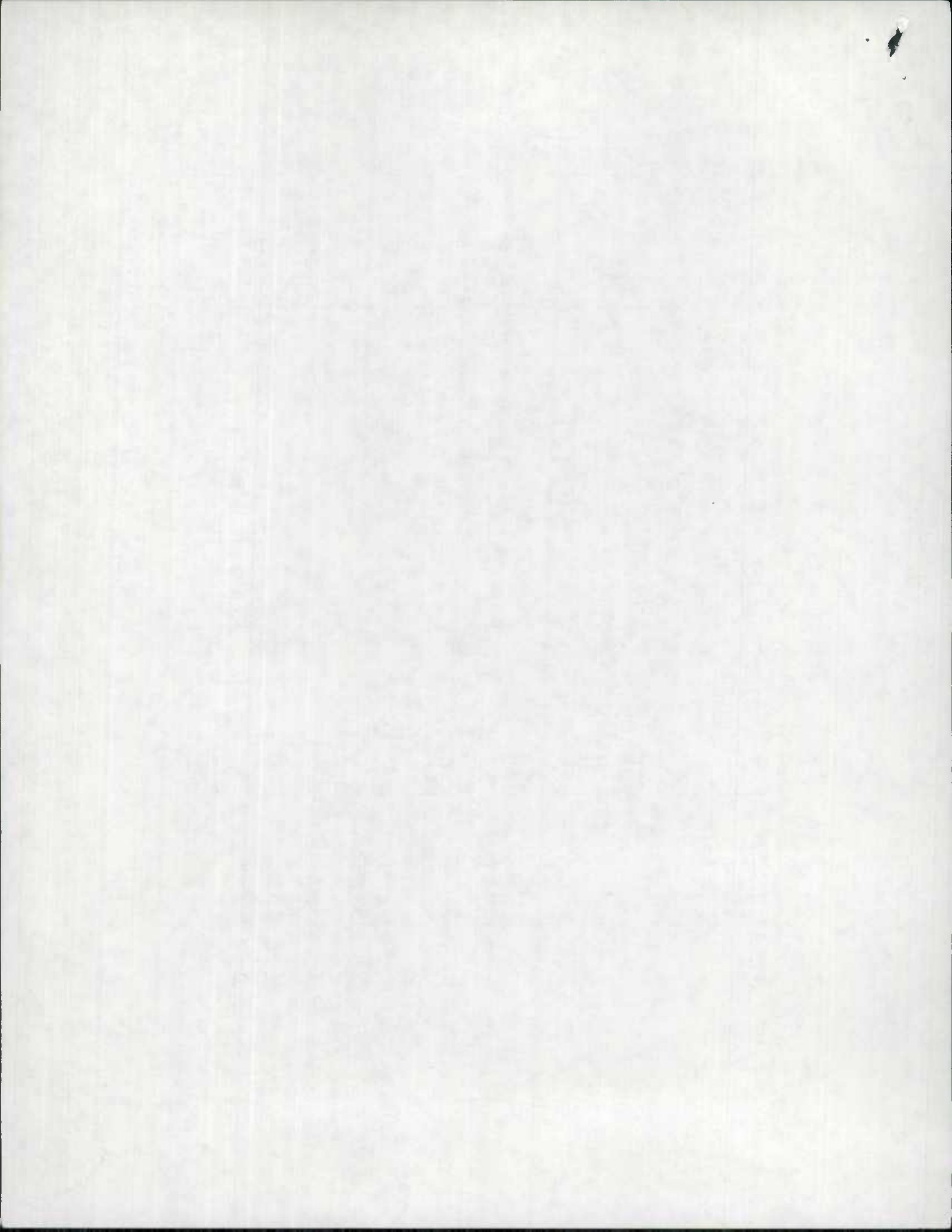
1.04

	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>1.04</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) (19.1, 1.8) pt(iii) (37.3, 1) pt(iv) (50.6, 2.8) pt(v) (54.9, 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	_____	_____
b.	0.5-2.4	<u>2</u>	<u>0.70</u>
c.	2.5-4.4	<u>2</u>	<u>0.34</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 213

STARTING MILE POINT: 18.25

ENDING MILE POINT: 18.37

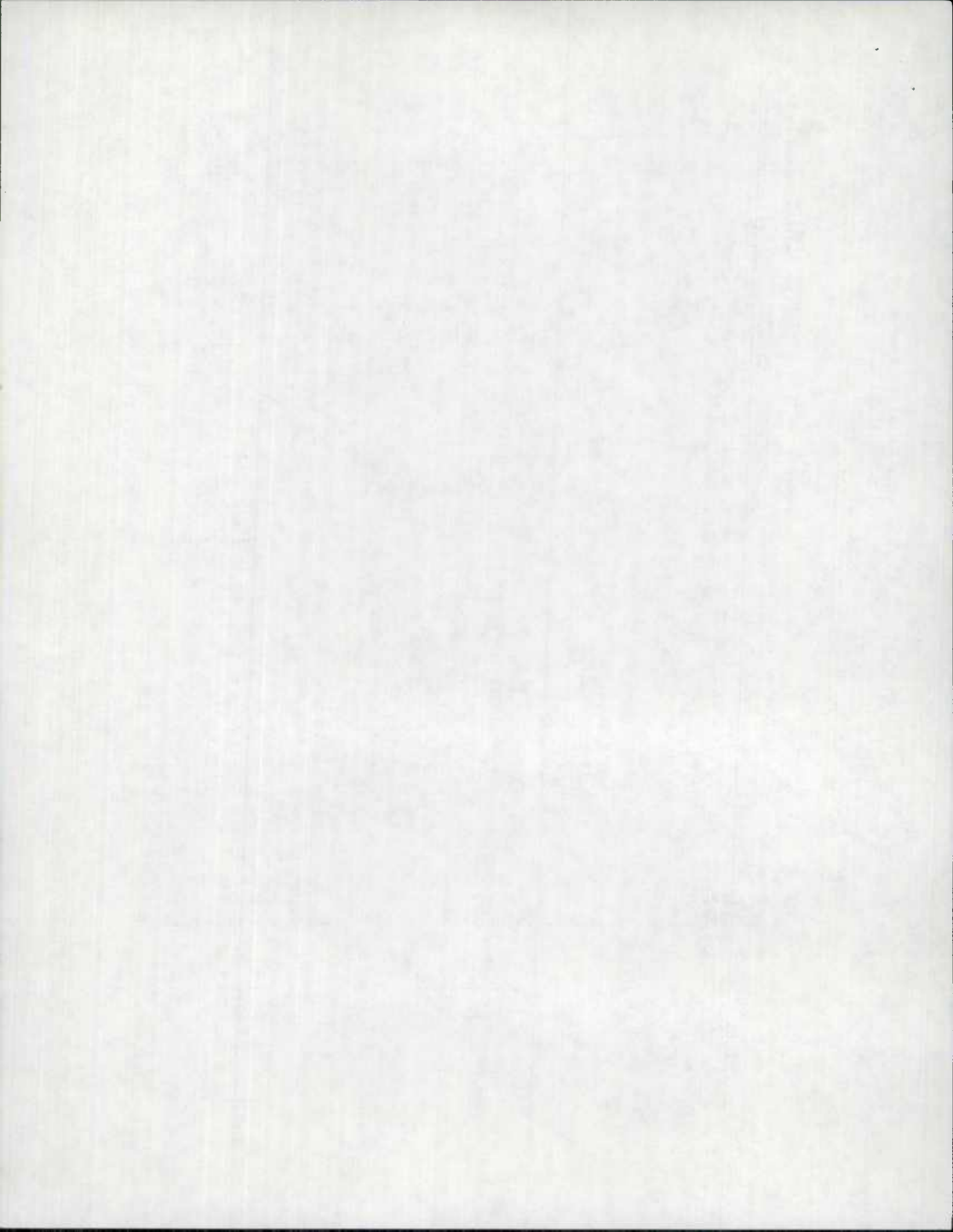
, 12

	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>0.06</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	<u>1</u>	<u>0.06</u>
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) (1.6, -0.7) pt (iii) (4.1, 0.7) pt (iv) (6.3, -0.9) 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>0.05</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-	<u>1</u>	<u>0.03</u>



ROUTE NUMBER: MD 213



STARTING MILE POINT: 18.61

ENDING MILE POINT: 18.73

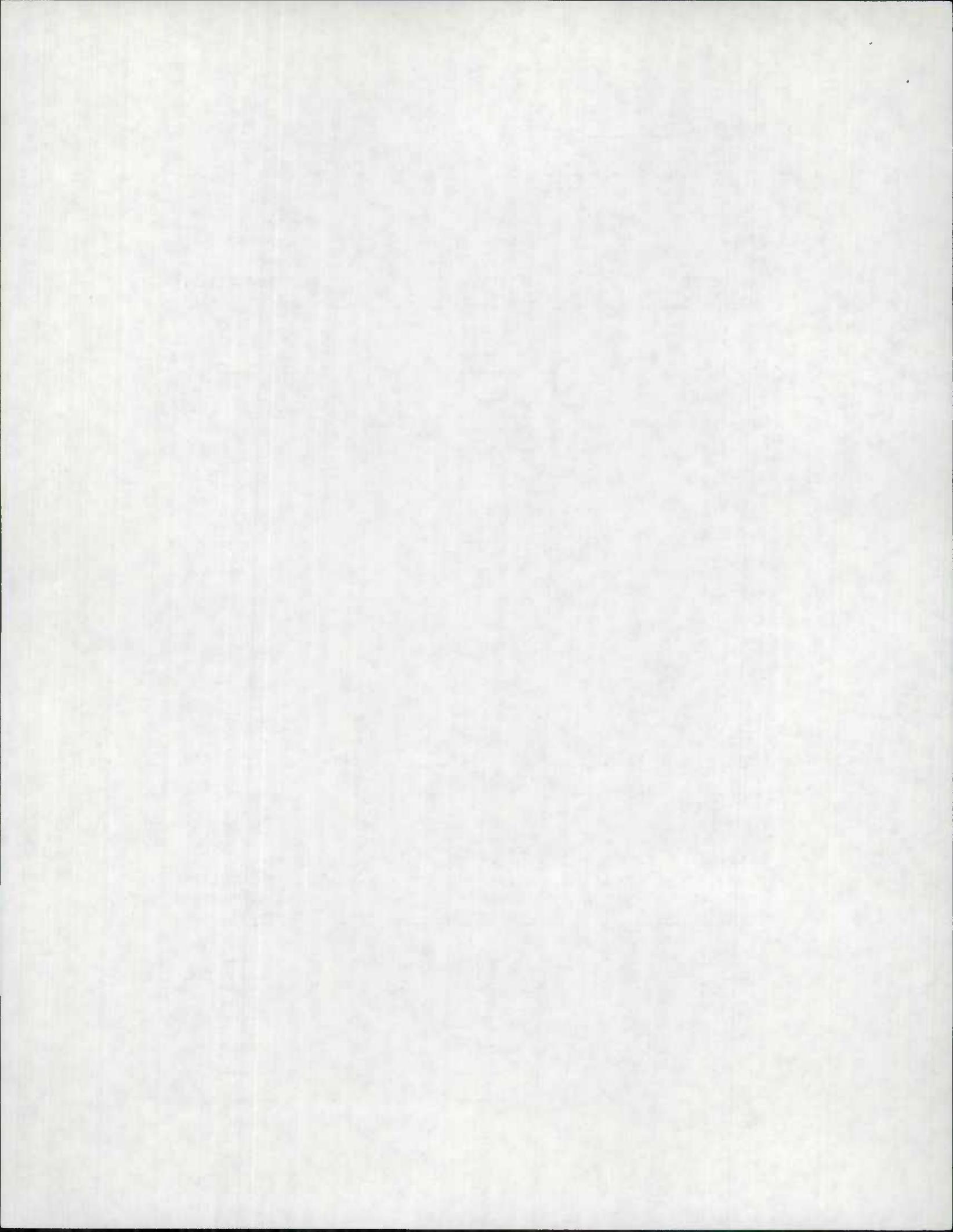
.12

	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>0.10</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	<u>1</u>	<u>0.02</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) (1.1, 0.1) pt(iii) (6.0, 0.4) 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>0.12</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 213



STARTING MILE POINT: 19.04

ENDING MILE POINT: 19.19

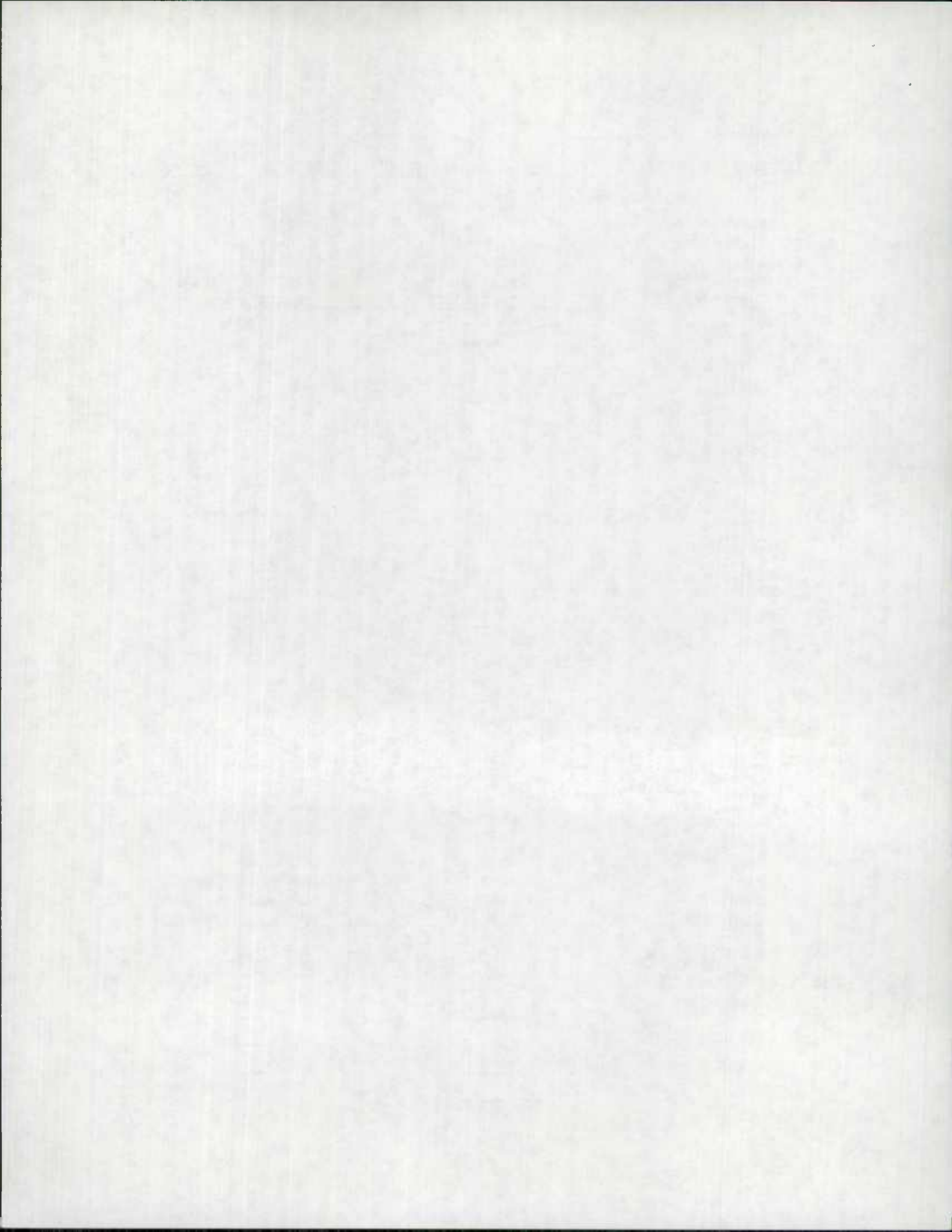
.15

	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>0.15</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) (1.1, 0.2) pt(iii) (2.1, 0.3) pt(iv) (6.6, 2) 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>0.02</u>
c.	2.5-4.4	<u>1</u>	<u>0.02</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	<u>1</u>	<u>0.12</u>
f.	8.5-	_____	_____



ROUTE NUMBER: MD 213



STARTING MILE POINT: 19.28

ENDING MILE POINT: 19.36

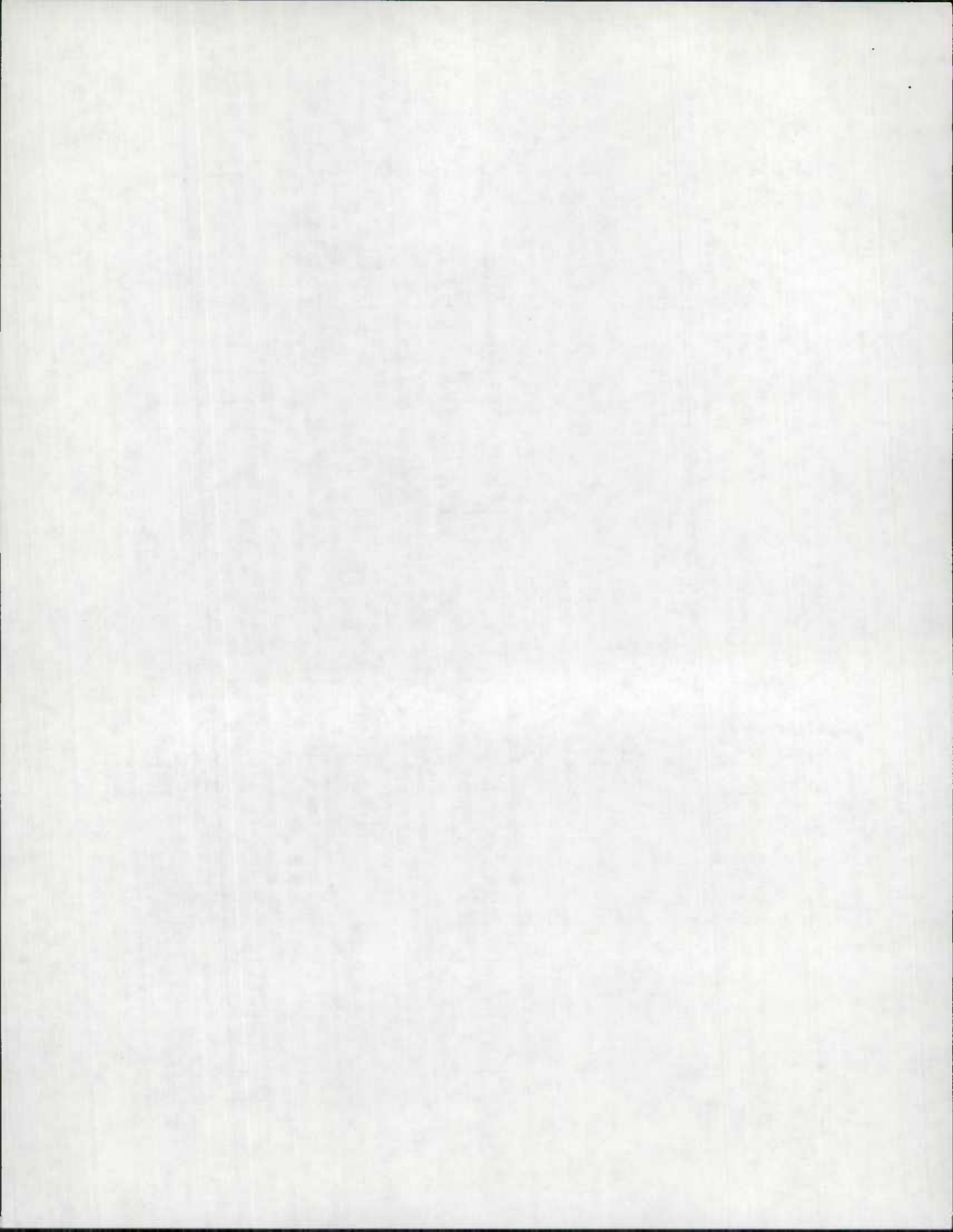
.08

	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	_____	_____
b.	0.5-1.4	<u>1</u>	<u>0.08</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) (13, -0.2) pt (iii) (1.2, 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	_____	_____
b.	0.5-2.4	<u>1</u>	<u>0.06</u>
c.	2.5-4.4	<u>1</u>	<u>0.02</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 213

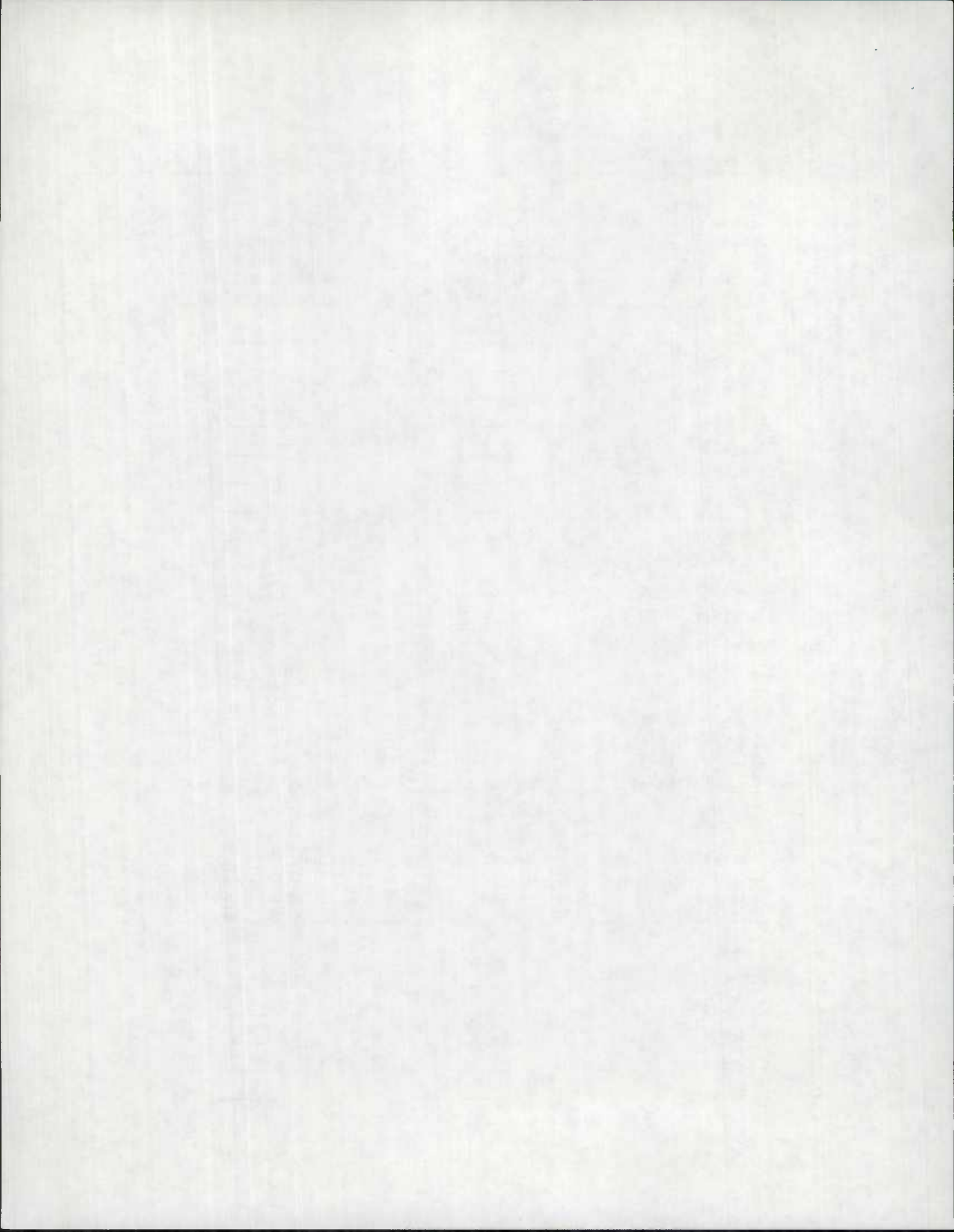
STARTING MILE POINT: 19.36

ENDING MILE POINT: 19.38

	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>0.02</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) (1.1,0.1) 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>0.02</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 213

STARTING MILE POINT: 19.50

ENDING MILE POINT: 19.60

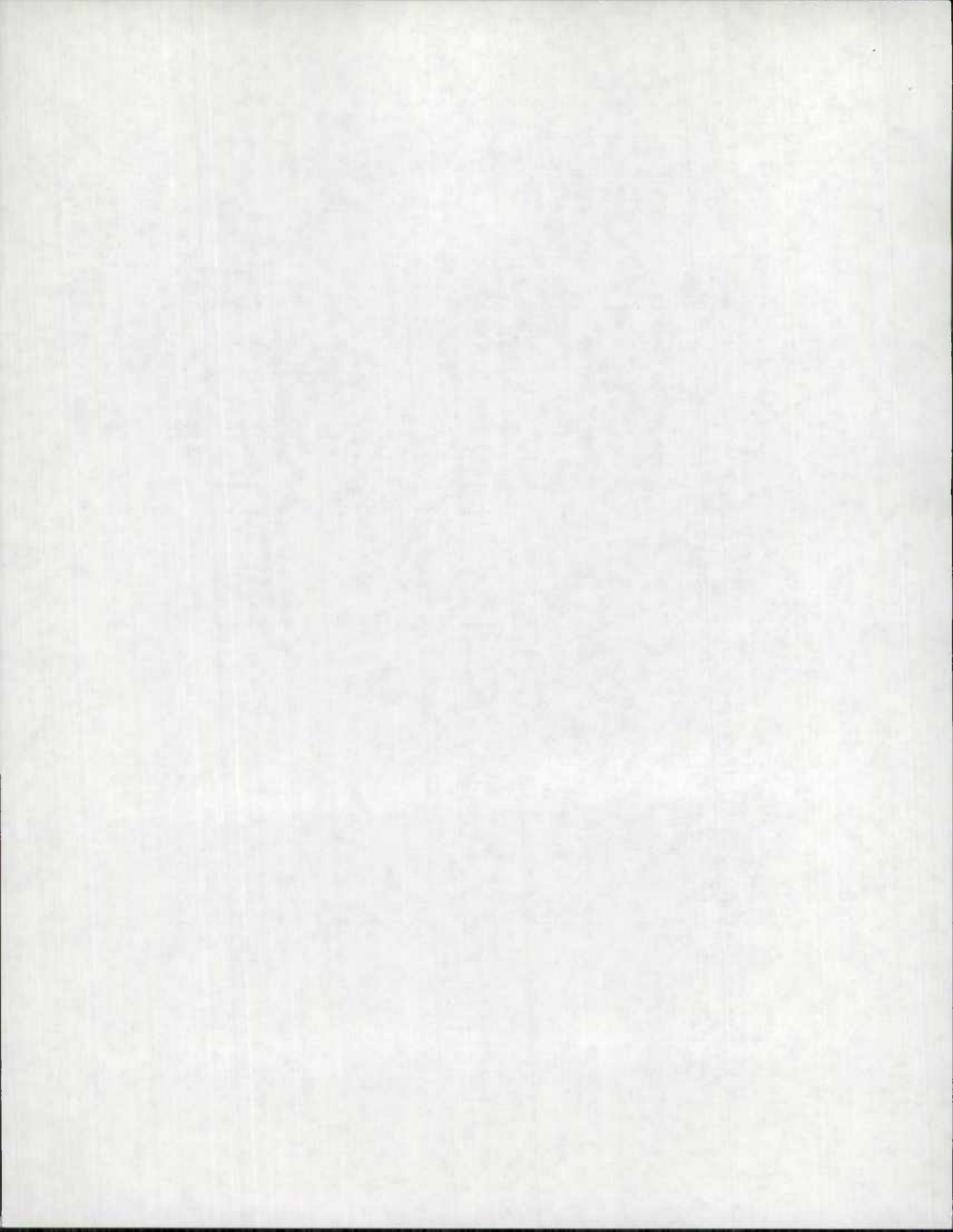


	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.1</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	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) (1.4, 0.1) pt(iii) (5.3, 0.4) 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>0.10</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 213



STARTING MILE POINT: 19.60

ENDING MILE POINT: 19.69

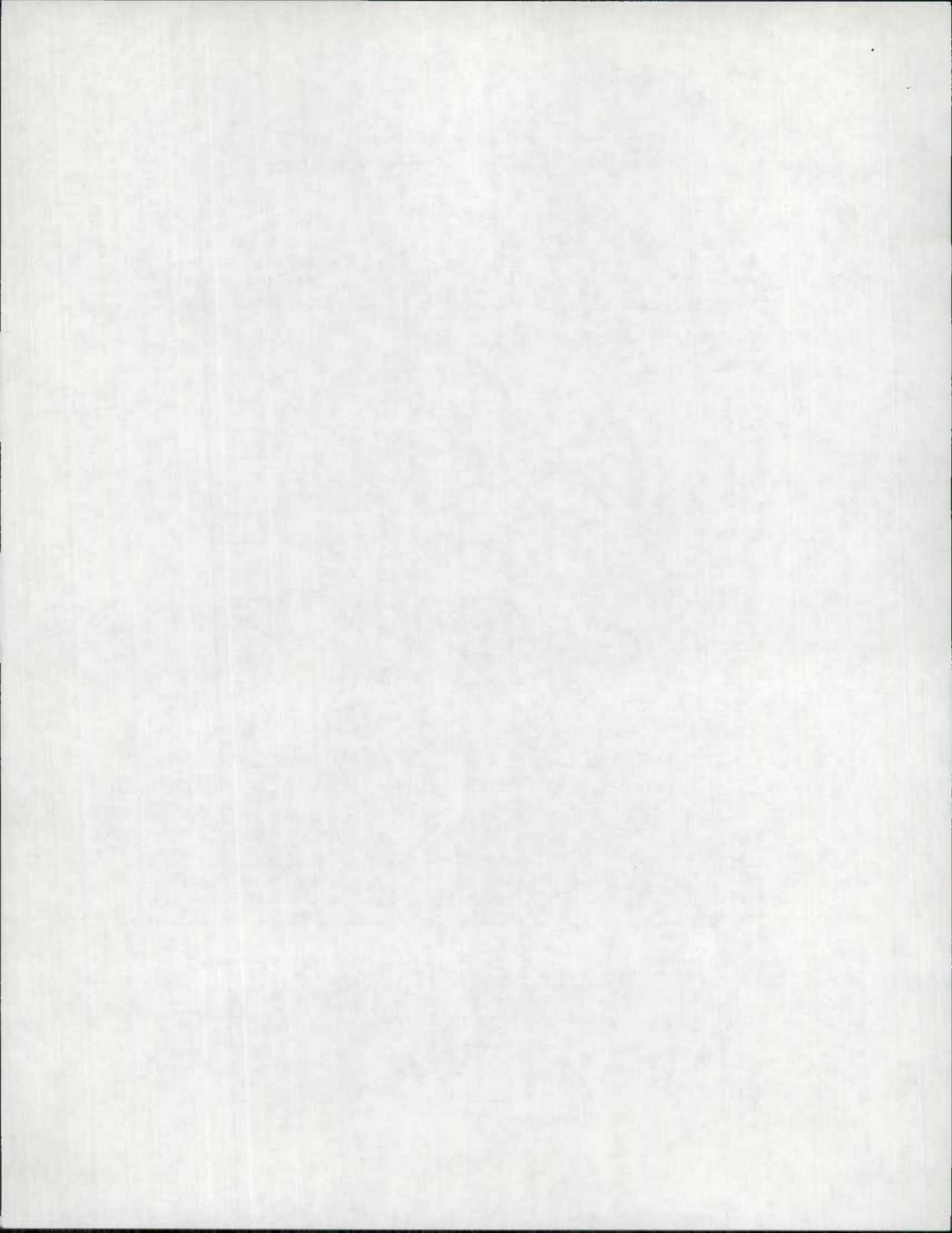
.09

	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>0.09</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) (4.8, 0.5) 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>0.09</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 213



STARTING MILE POINT: 19.69

ENDING MILE POINT: 19.81

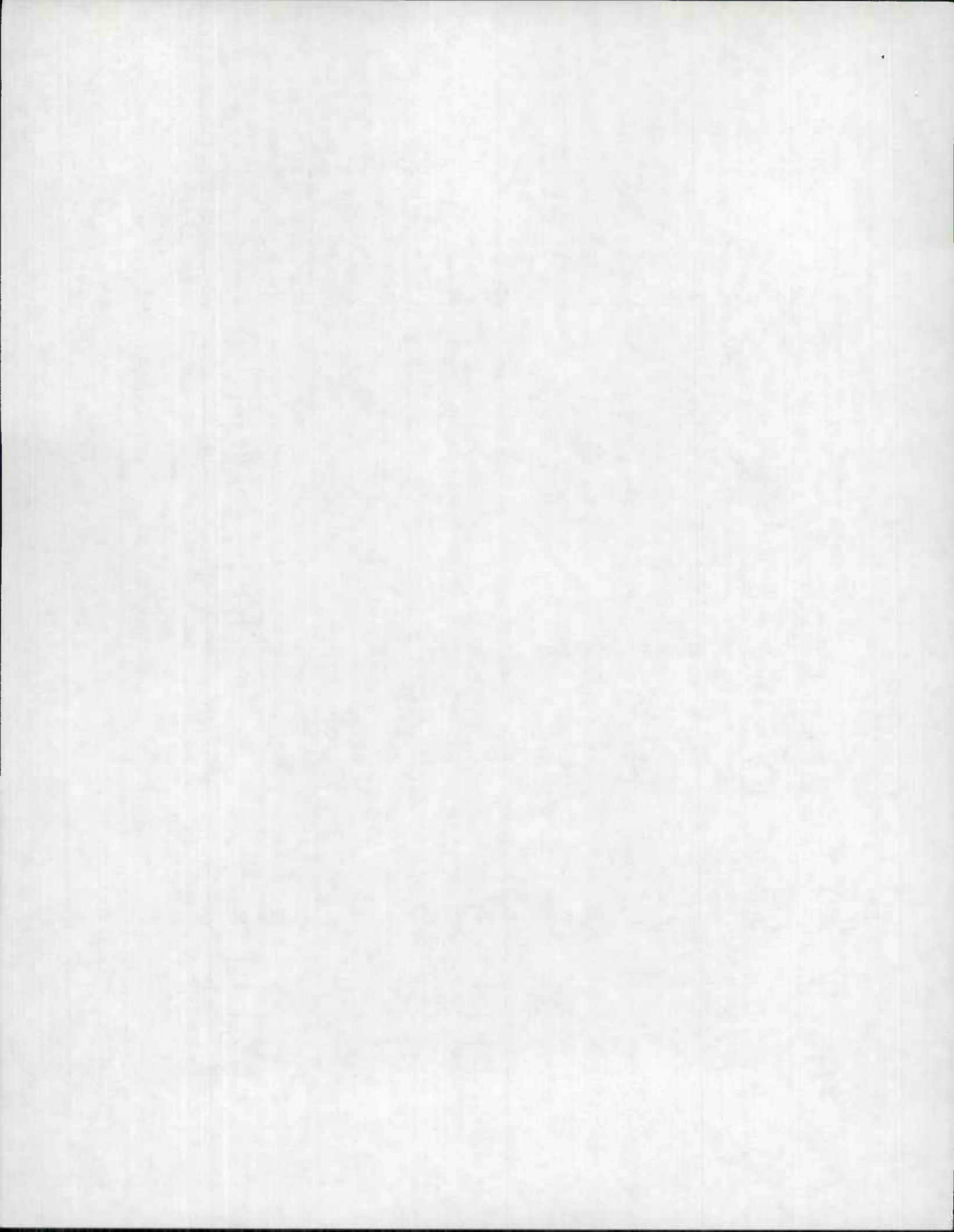
.12

	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>0.12</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) (3.7, 0.6) pt (iii) (6.9, 1.1) 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	_____	_____
b.	0.5-2.4	_____	_____
c.	2.5-4.4	<u>2</u>	<u>0.12</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 213



STARTING MILE POINT: 19.81

ENDING MILE POINT: 19.89

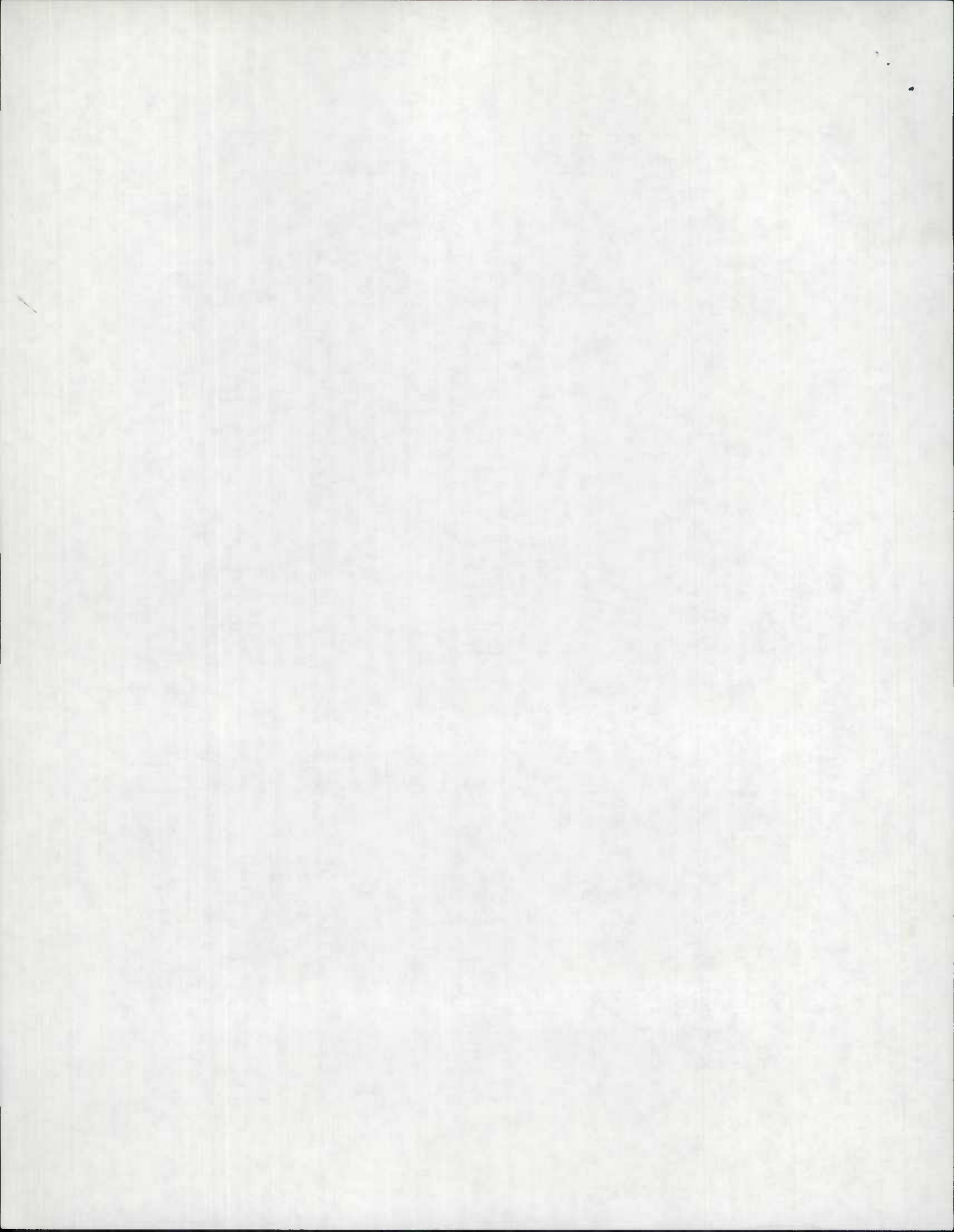
.68

	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>1</u>	<u>0.08</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) (4.3, 0.3) 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	_____	_____
c.	2.5-4.4	<u>1</u>	<u>0.08</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



3

2/21 AT

ROUTE NUMBER: MD 213

STARTING MILE POINT: 19.94

ENDING MILE POINT: 20.05

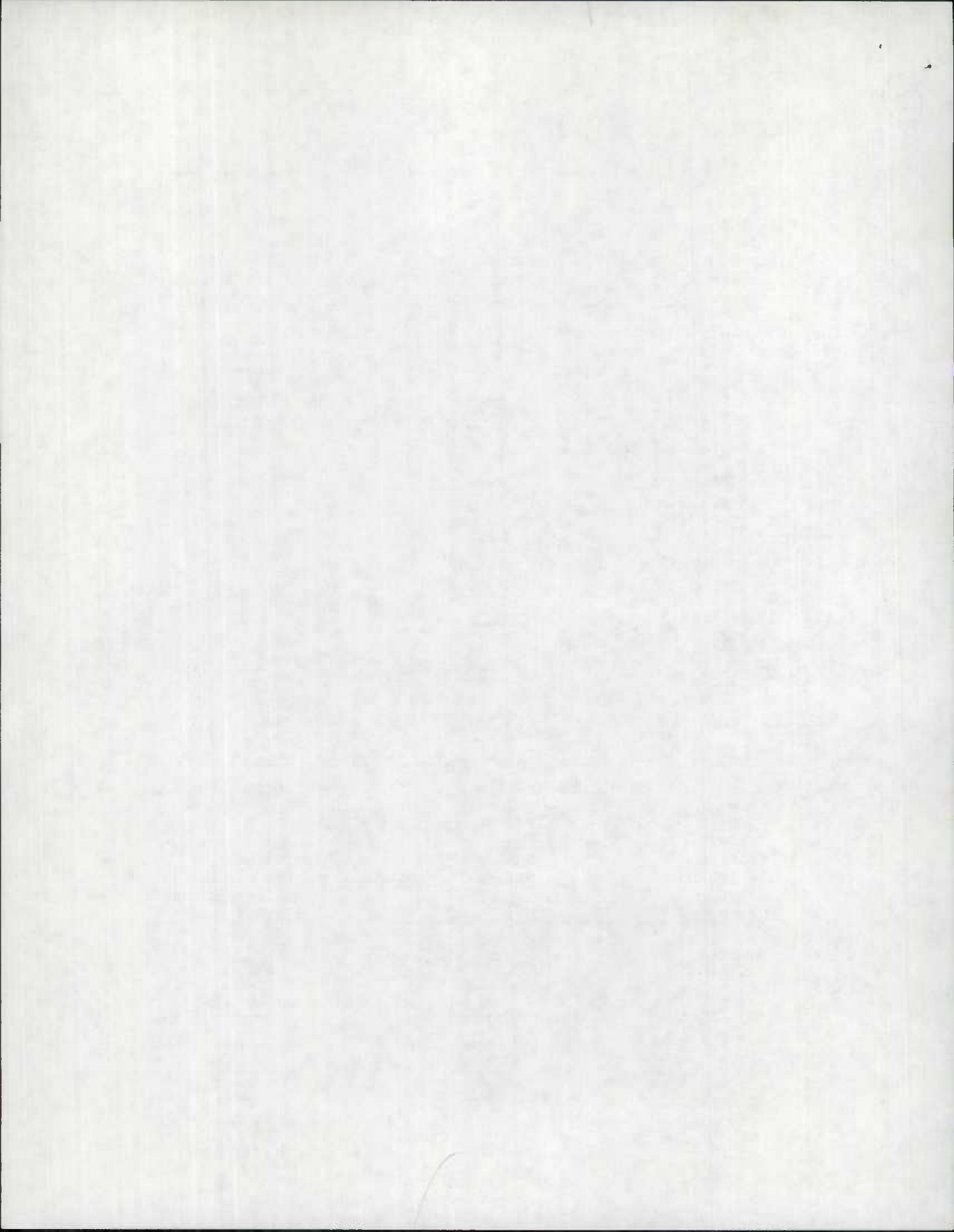
.11

	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>0.11</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	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (0.0) pt (ii) (1.9, 0.4) pt (iii) (5.2, 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>1</u>	<u>0.07</u>
c.	2.5-4.4	<u>1</u>	<u>0.04</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 213

STARTING MILE POINT: 20.05

ENDING MILE POINT: 20.18

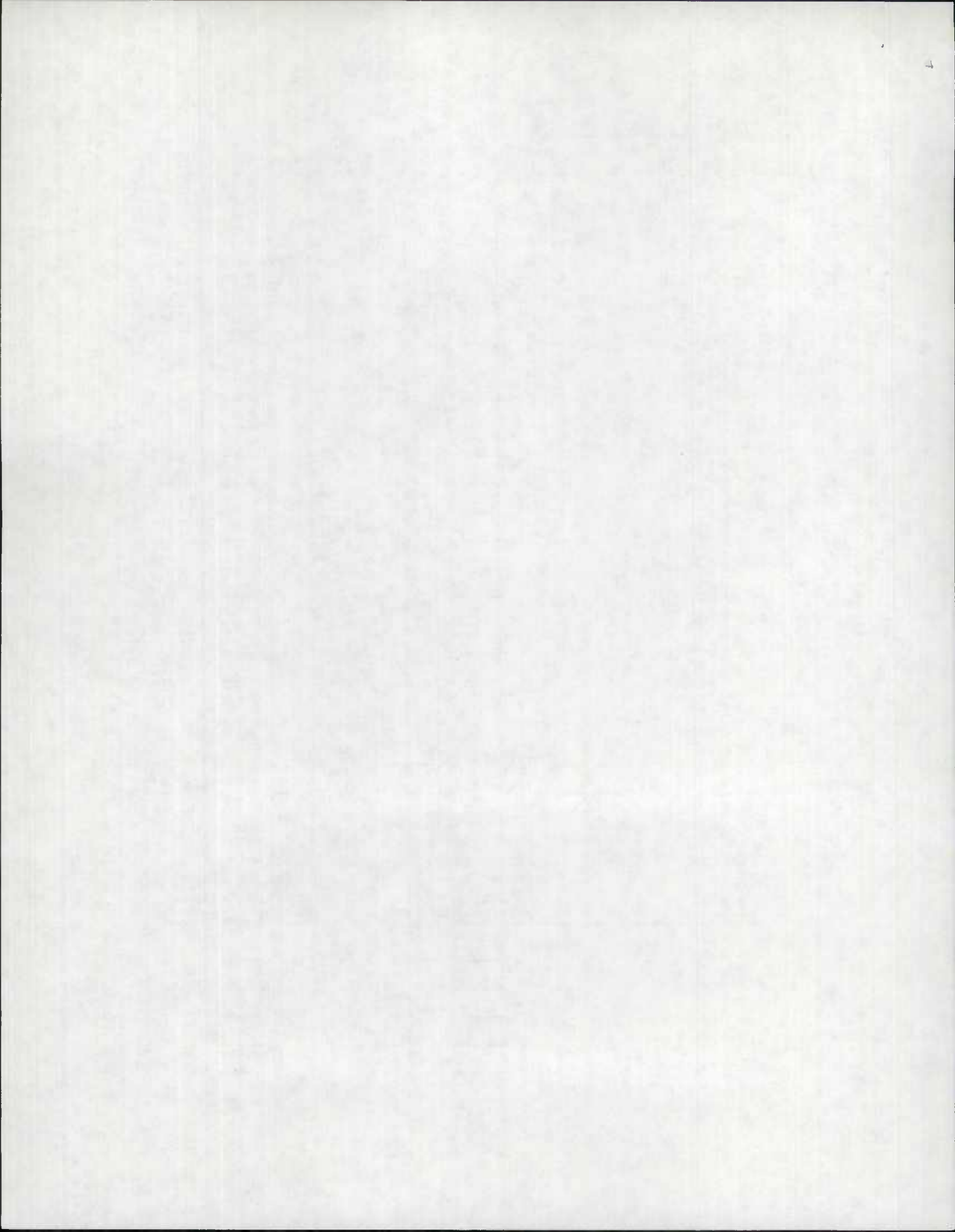
.13

	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>0.13</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, 0.3) pt (iii) (6, 0.4) pt (iv) (6.9, 0.5) 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>0.13</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 213



STARTING MILE POINT: 20.18

ENDING MILE POINT: 20.56

.38

	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>0.38</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) (4.4, 0.5) pt (iii) (6.5, 1.0) pt (iv) (8.4, 1.4) pt (v) (12, 2.7)
pt (vi) (20.1, 3.4) 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>0.24</u>
c.	2.5-4.4	<u>1</u>	<u>0.04</u>
d.	4.5-6.4	<u>1</u>	<u>0.03</u>
e.	6.5-8.4	<u>1</u>	<u>0.7</u> → 0.07
f.	8.5-	_____	_____

ROUTE NUMBER: MD 272

STARTING MILE POINT: 14.31

ENDING MILE POINT: 14.61

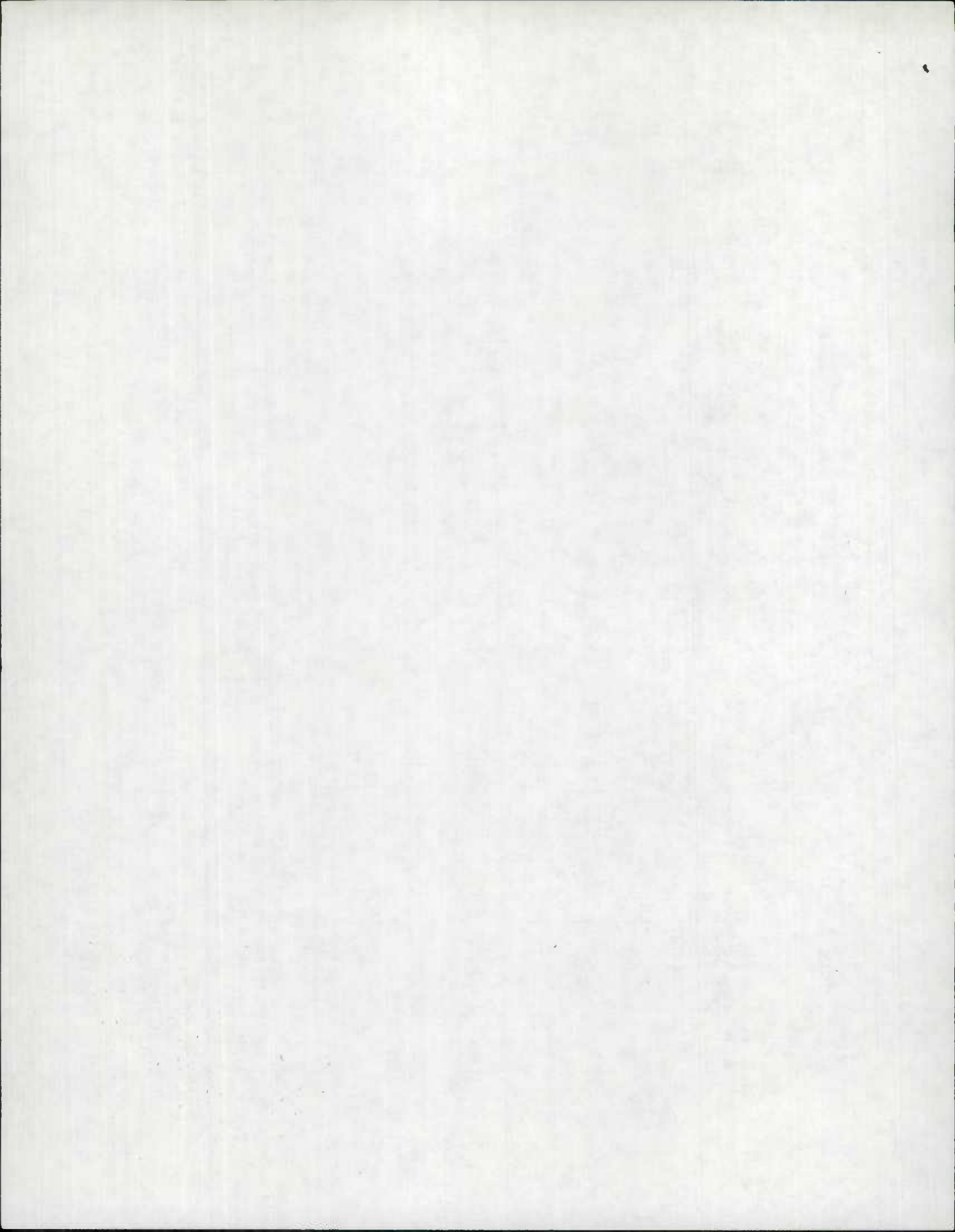
.30

	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>1</u>	<u>0.30</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) (4.1, 0) pt (iii) (12.2, 1.4) pt (iv) (15.8, 2.3) 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>0.07</u>
b.	0.5-2.4	_____	_____
c.	2.5-4.4	<u>1</u>	<u>0.10</u>
d.	4.5-6.4	<u>1</u>	<u>0.07</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 276



STARTING MILE POINT: 0.36

ENDING MILE POINT: 2.28

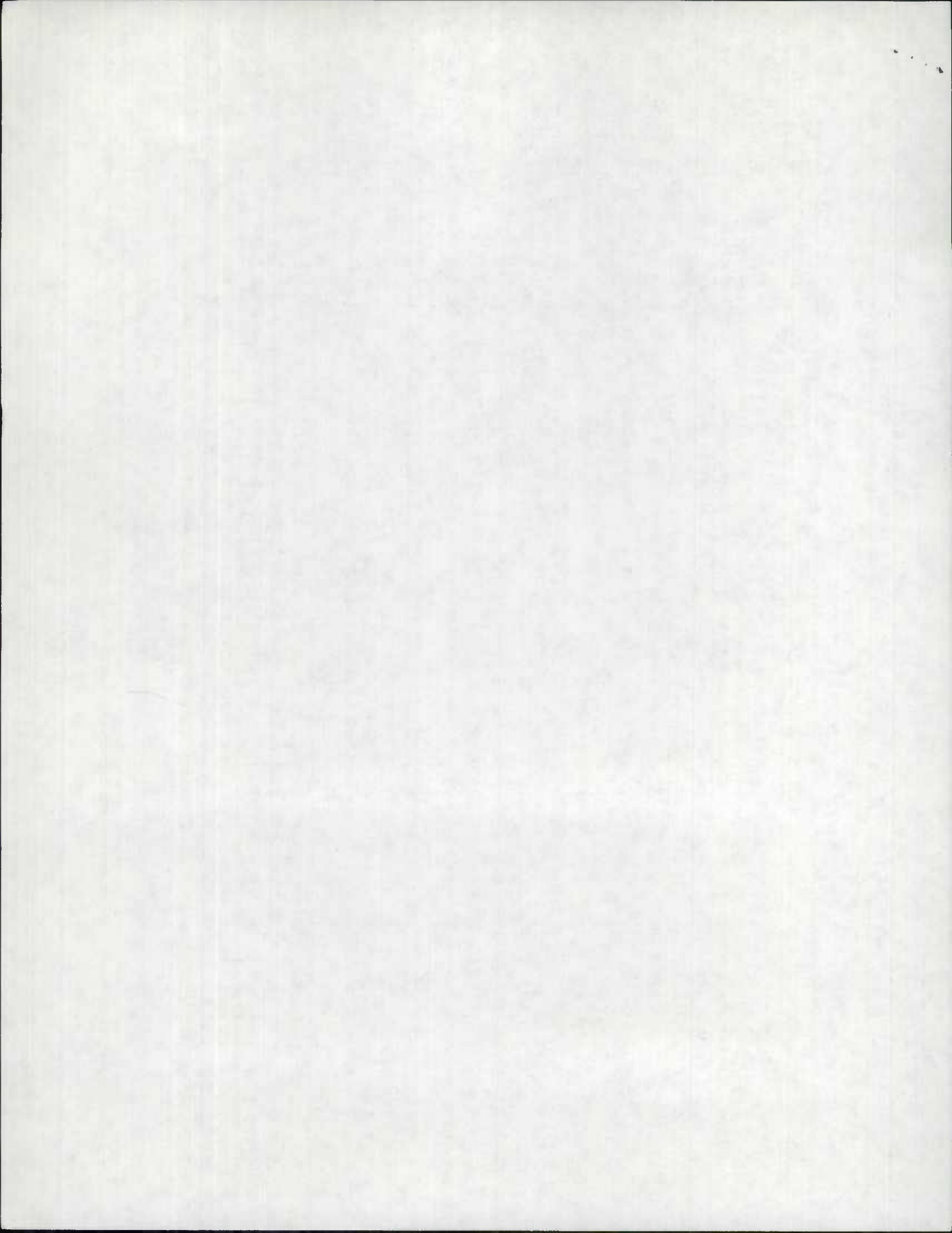
1.92

	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>1.35</u>
b.	0.5-1.4	<u>1+1</u>	<u>0.13</u> + 0.20 = 0.33
c.	1.5-2.4	<u>1+1</u>	<u>0.14</u> + 0.10 = 0.24
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:

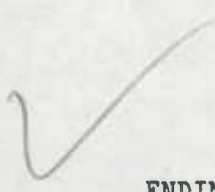
pt(i) (0,0) pt(ii) (3.9, 2) pt(iii) (6.8, 2.9) pt(iv) (15.3, 7.2) pt(v) (19.2, 8.5)
 pt(vi) (22.5, 10.5) pt(vii) (24.9, 9.3) pt(viii) (41.8, 12.6) pt(ix) (49.4, 14) pt(x) (57.9, 17.2)
(69.2, 18.4) (86.6, 22.9) (102.2, 25.3)

	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>0.48</u>
c.	2.5-4.4	<u>0</u>	<u>0.27</u>
d.	4.5-6.4	<u>2</u>	<u>0.58</u>
e.	6.5-8.4	<u>2</u>	<u>0.25</u>
f.	8.5-	<u>3</u>	<u>0.34</u>



4

ROUTE NUMBER: MD 279



STARTING MILE POINT: 0.40

ENDING MILE POINT: 0.60

.2

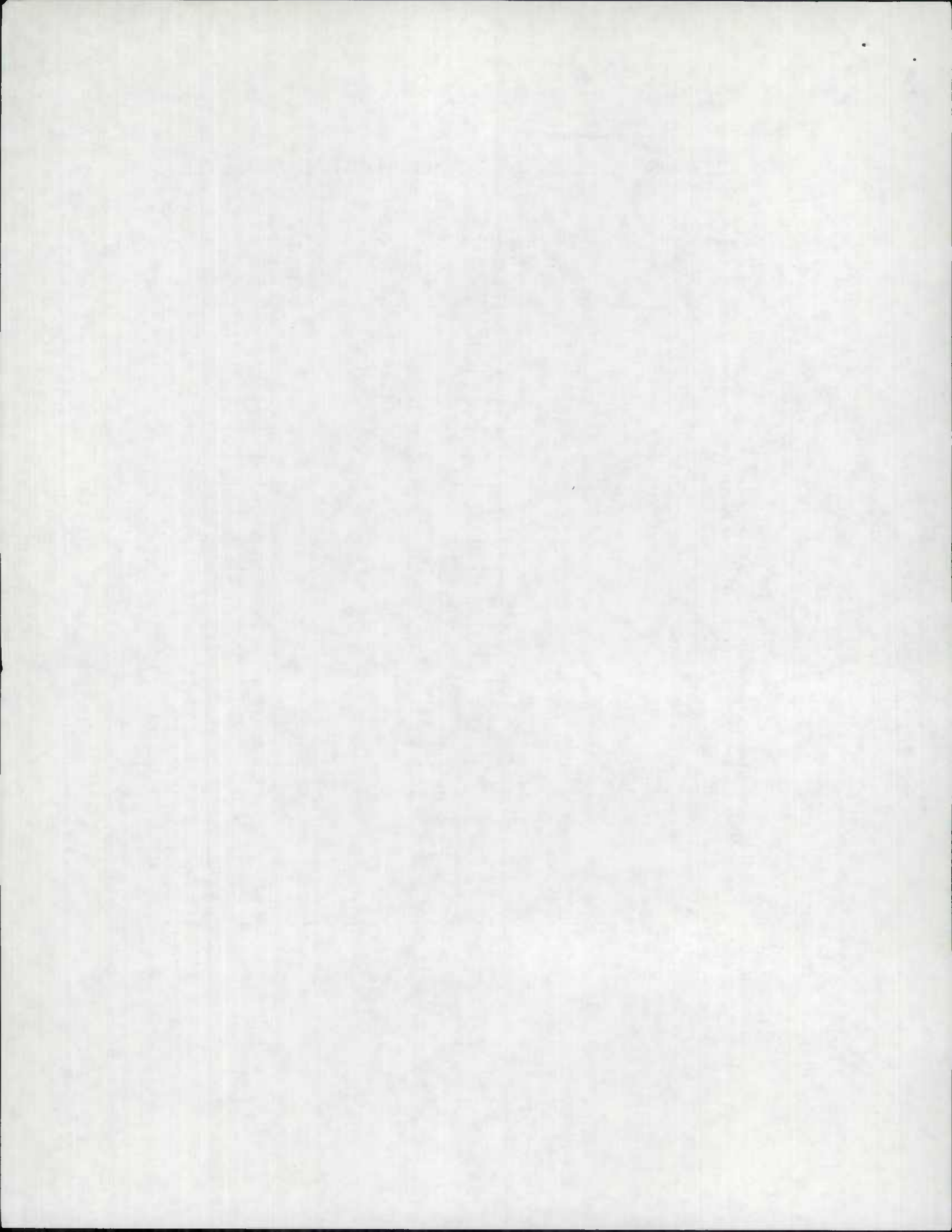
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.20</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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) (3.4, 0.3) pt(iii) (9.4, 0.2) pt(iv) (10.6, 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>0.11</u>
b.	0.5-2.4	<u>2</u>	<u>0.09</u> 0.09
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

Note: This record had error "9/56"



ROUTE NUMBER: MD 279



STARTING MILE POINT: 0.60

ENDING MILE POINT: 0.65

.05

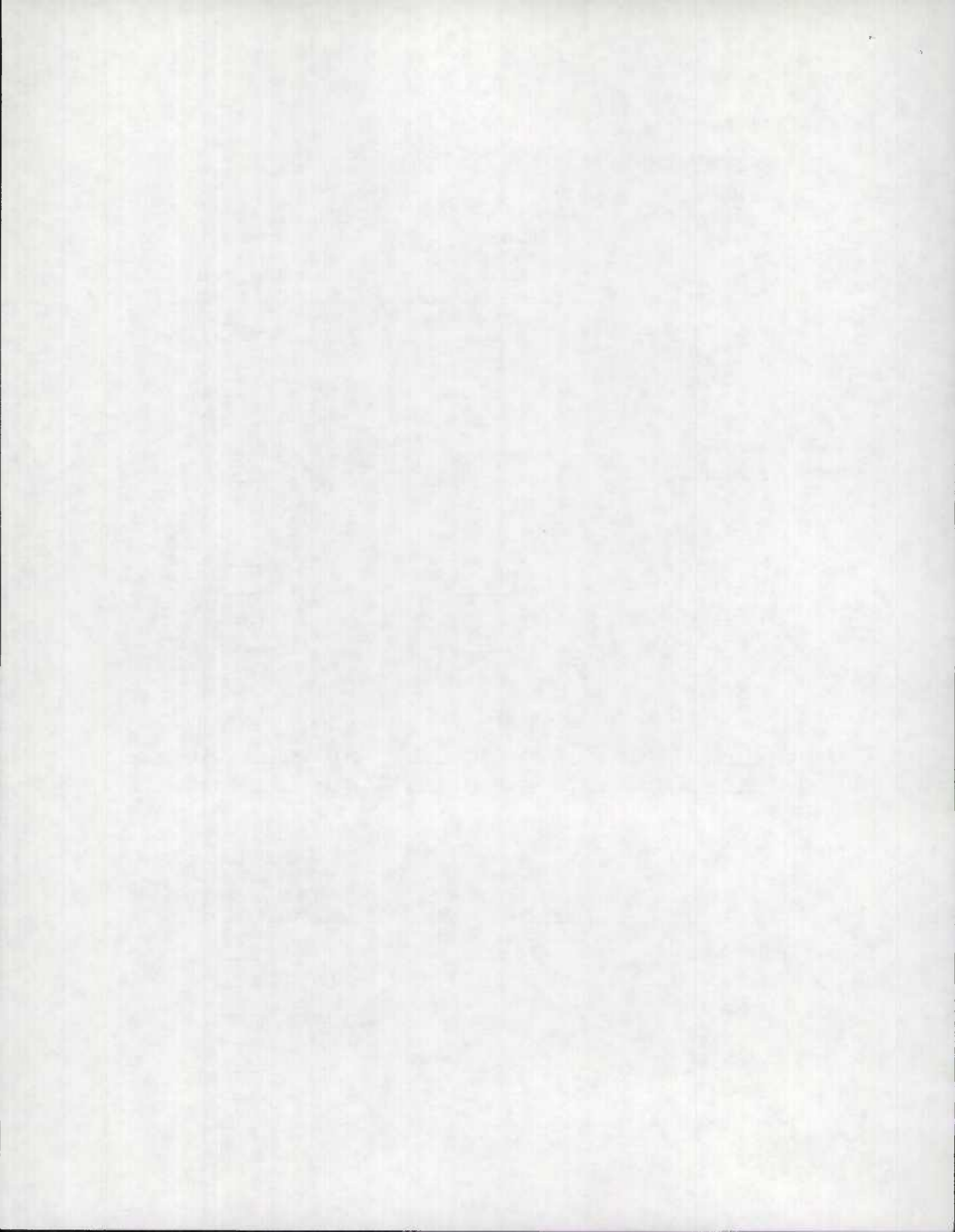
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4 →	<u>1</u>	<u>0.05</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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) (2.6, 0.4) 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	_____	_____
c.	2.5-4.4	<u>1</u>	<u>0.05</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

Note: error "9/56"



ROUTE NUMBER: MD 279

STARTING MILE POINT: 0.65

ENDING MILE POINT: 1.08

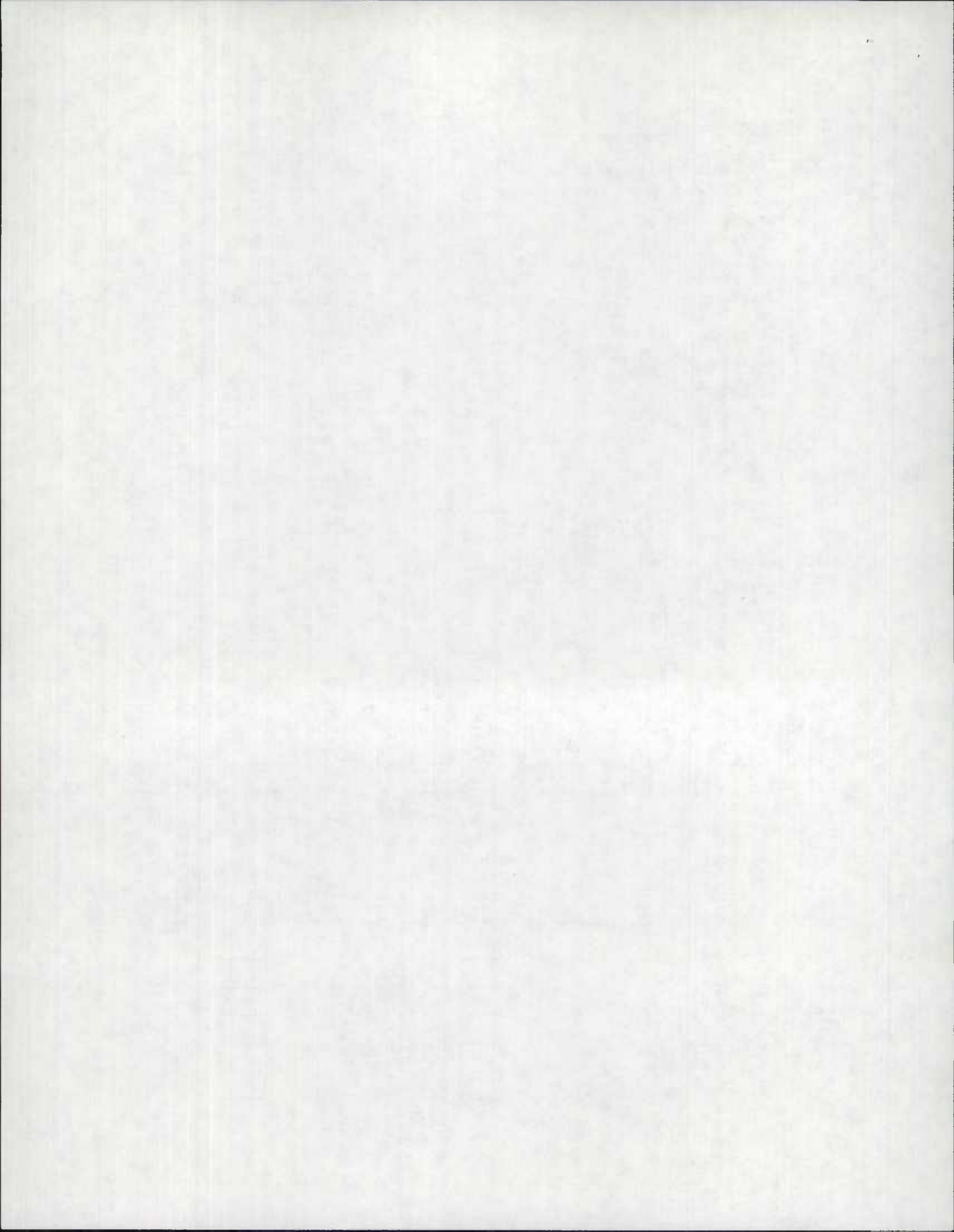
.43

	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>0.21</u>
b.	0.5-1.4		_____	_____
c.	1.5-2.4	→ 205	<u>1</u>	<u>0.22</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) (11,1.8) pt(iii) (22.7,0.5) 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>0.22</u>
c.	2.5-4.4		<u>1</u>	0.22 0.21
d.	4.5-6.4		_____	_____
e.	6.5-8.4		_____	_____
f.	8.5-		_____	_____

error "9/56"



ROUTE NUMBER: MD 279

STARTING MILE POINT: 1.23

ENDING MILE POINT: 1.52

.29

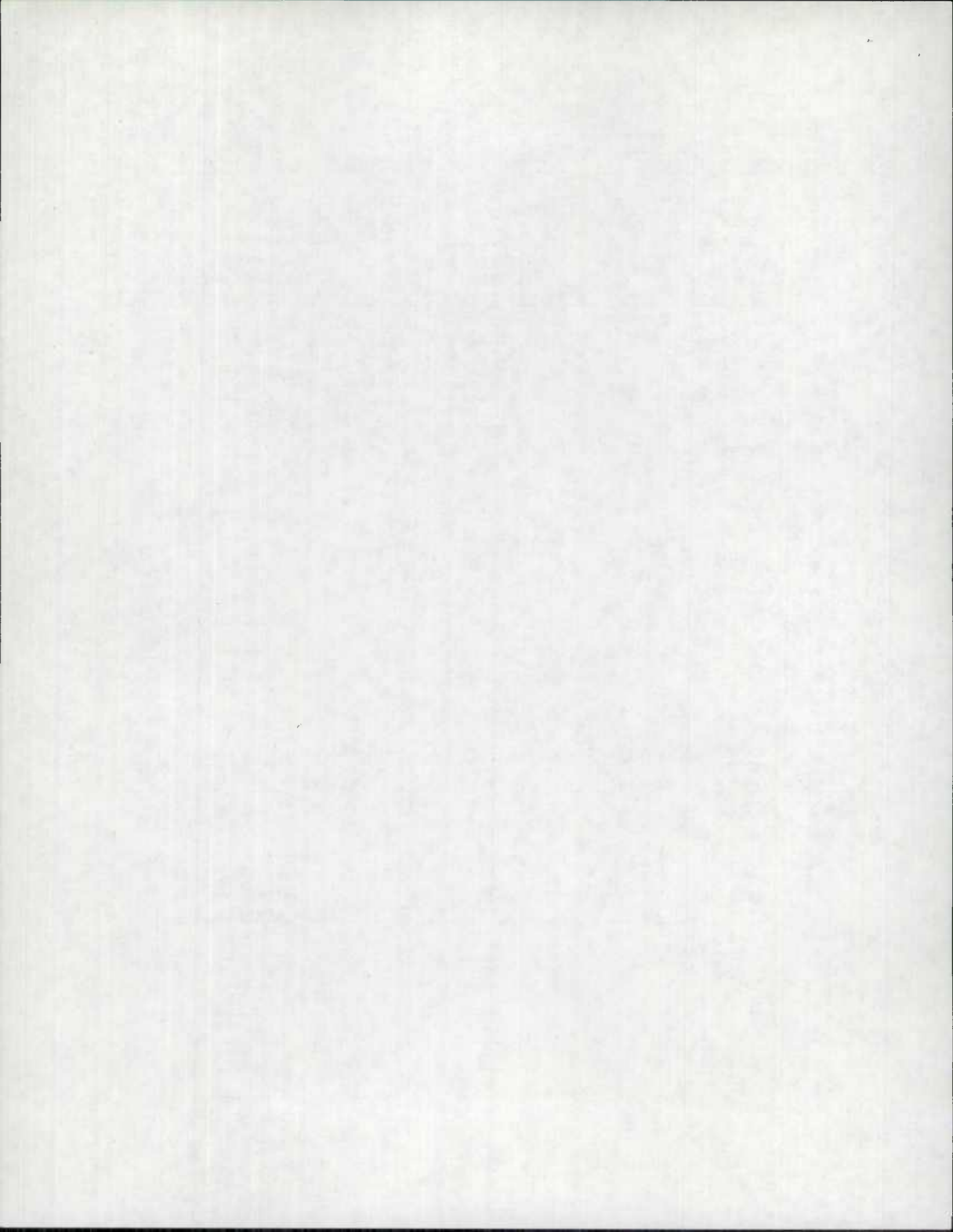
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.29</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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) (2.2, -0.2) pt (iii) (4.4, 0.5) pt (iv) (5.6, -0.4) pt (v) (8, -0.6)
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>2.2</u> → 0.22
c.	2.5-4.4	<u>1</u>	<u>.8</u> → 0.07
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

error "9/56"



ROUTE NUMBER: MD 279

STARTING MILE POINT: 1.52

ENDING MILE POINT: 1.71

.19

	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	_____	_____
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+	_____	_____

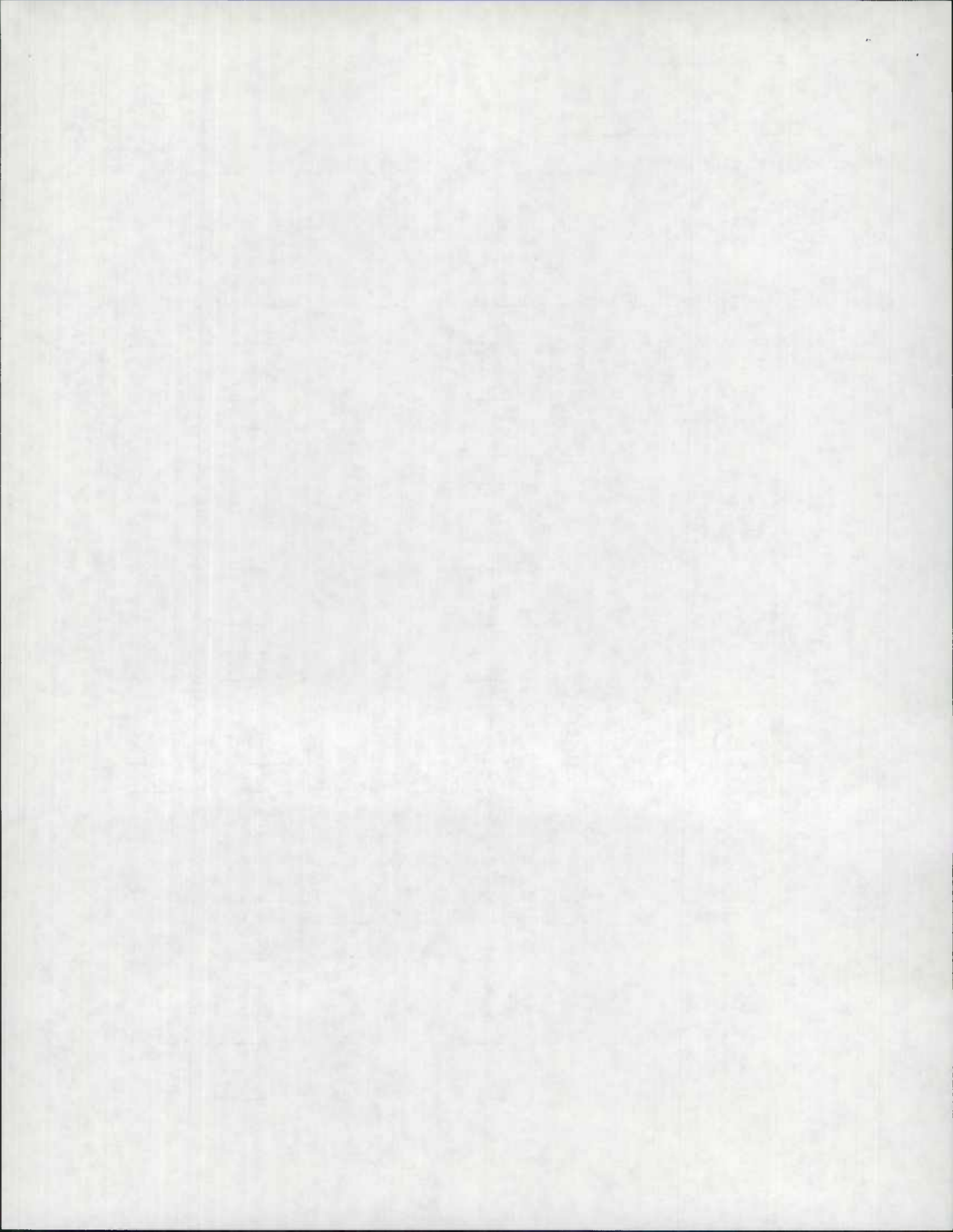
GRADE:

pt (i) (0.0) pt (ii) (3.5, -0.1) pt (iii) (9, -0.9) pt (iv) (10.1, -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>1</u>	<u>0.10</u>
b.	0.5-2.4	<u>1</u>	<u>0.02</u>
c.	2.5-4.4	<u>1</u>	<u>0.07</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

Good

Note: error 19/56"



ROUTE NUMBER: MD 279

STARTING MILE POINT: 1.82

ENDING MILE POINT: 2.07

.25

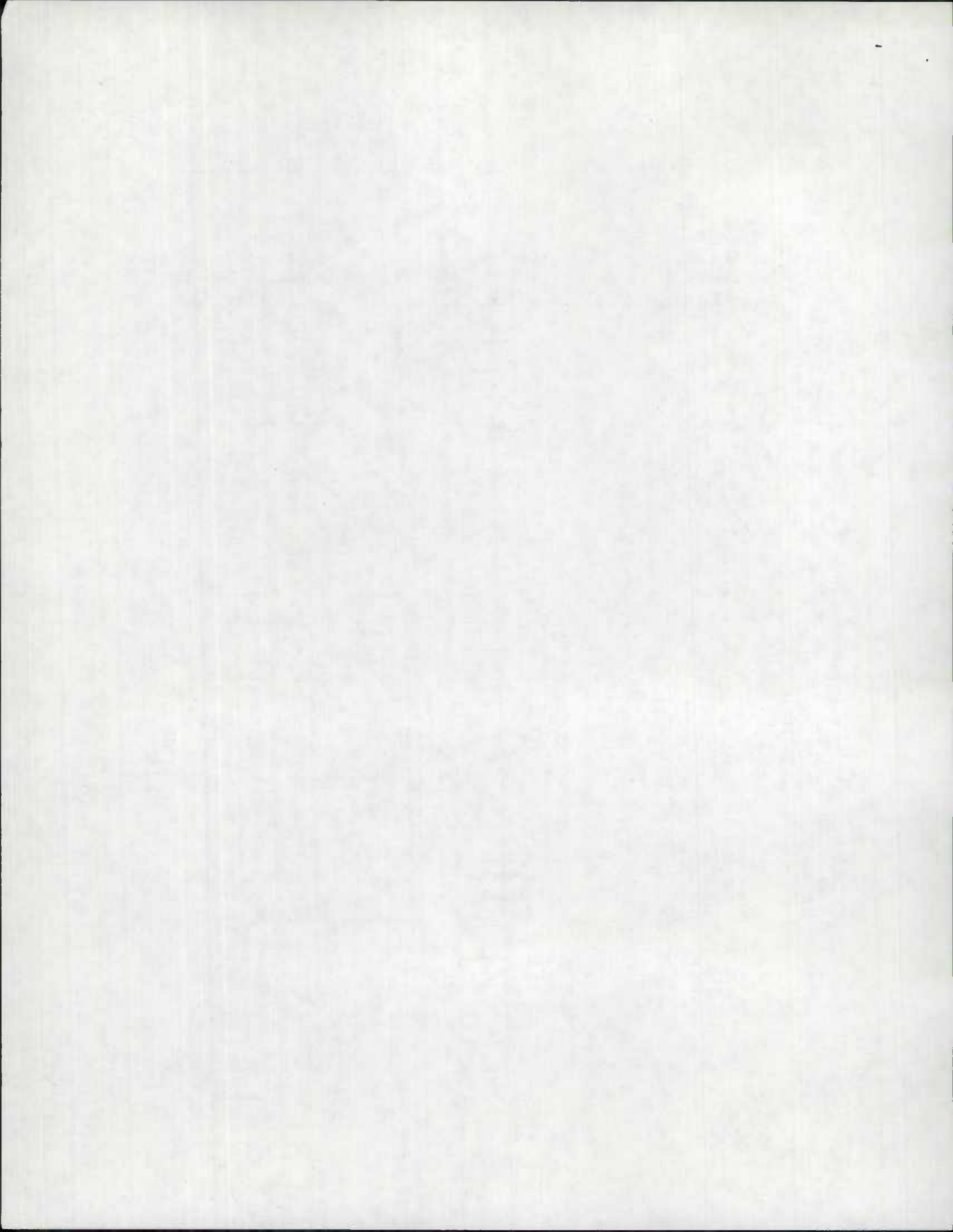
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.25</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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) (6.8, -0.3) pt(iv) (13.2, 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	_____	_____
b.	0.5-2.4	<u>3</u>	<u>0.25</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

Note: error " 9/56 "



ROUTE NUMBER: MD 279

STARTING MILE POINT: 2.07

ENDING MILE POINT: 3.35

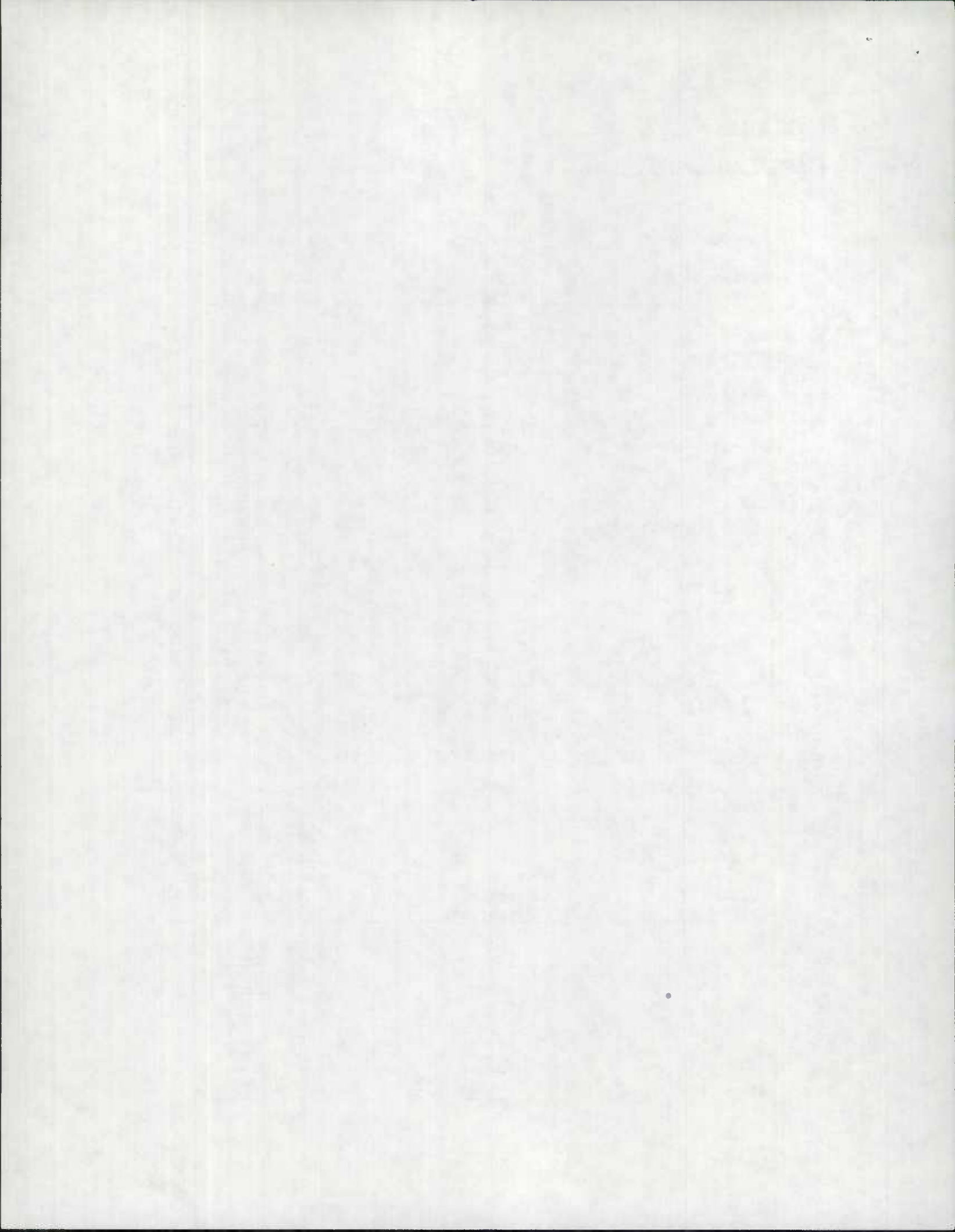
1.28

	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>0.98</u>
b.	0.5-1.4		_____	_____
c.	1.5-2.4	<u>2.4</u> —————>	<u>1</u>	<u>0.30</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) (9.3, 1.1) pt (iii) (17.8, 2.3) pt (iv) (30.9, 2.9) pt (v) (57, 5.6)
pt (vi) (67.6, 7.3) 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>0.92</u>
c.	2.5-4.4		<u>2</u>	<u>0.36</u>
d.	4.5-6.4		_____	_____
e.	6.5-8.4		_____	_____
f.	8.5-		_____	_____



ROUTE NUMBER: MD 279

STARTING MILE POINT: 3.45

ENDING MILE POINT: 3.83

.38

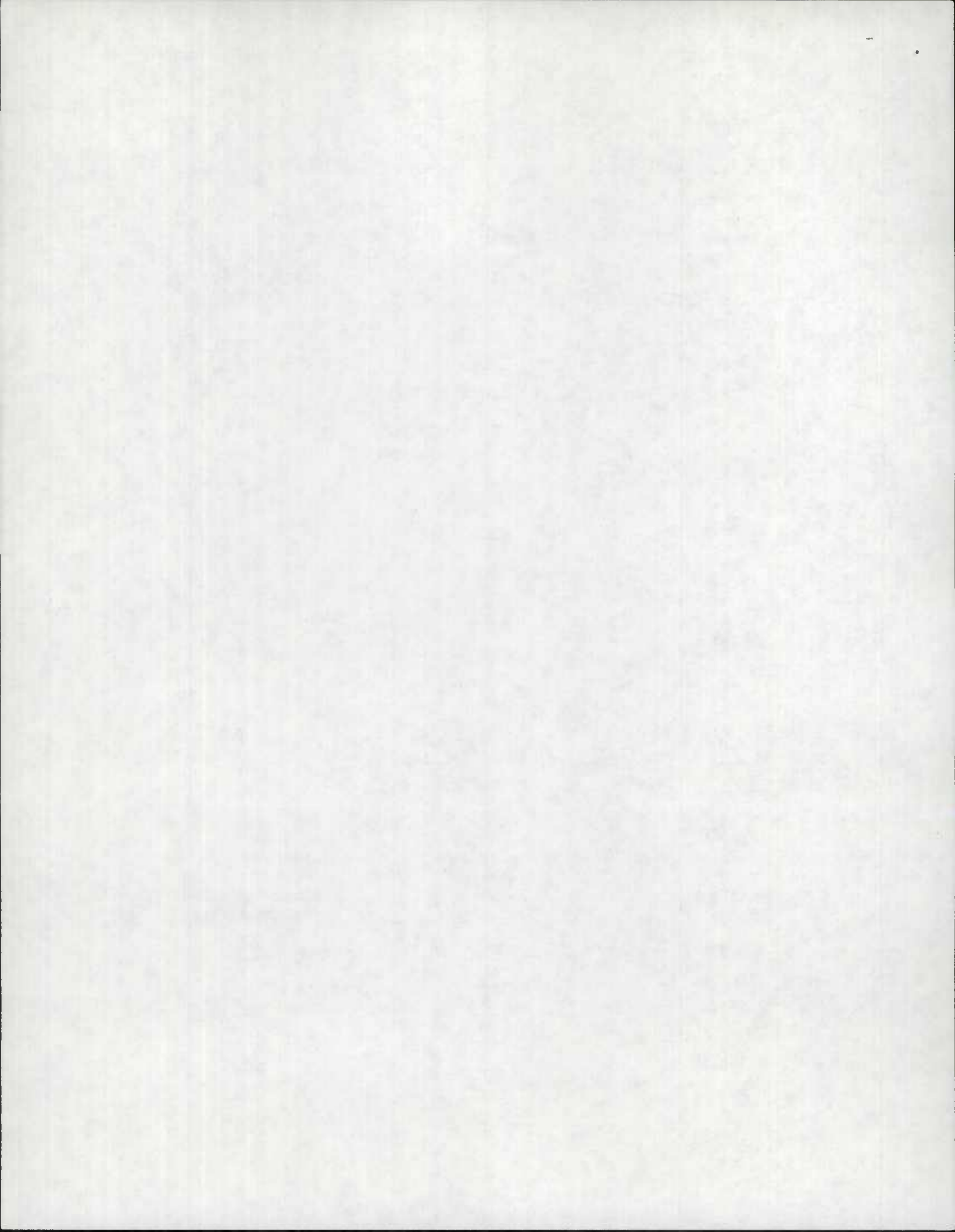
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.38</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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) (9, 0.4) pt(iii) (14.1, 0.5) pt(iv) (20.1, 1.2) 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>0.09</u>
b.	0.5-2.4	<u>2</u>	<u>0.29</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

erro "9/56"



ROUTE NUMBER: MD 279

STARTING MILE POINT: 3.83

ENDING MILE POINT: 4.97

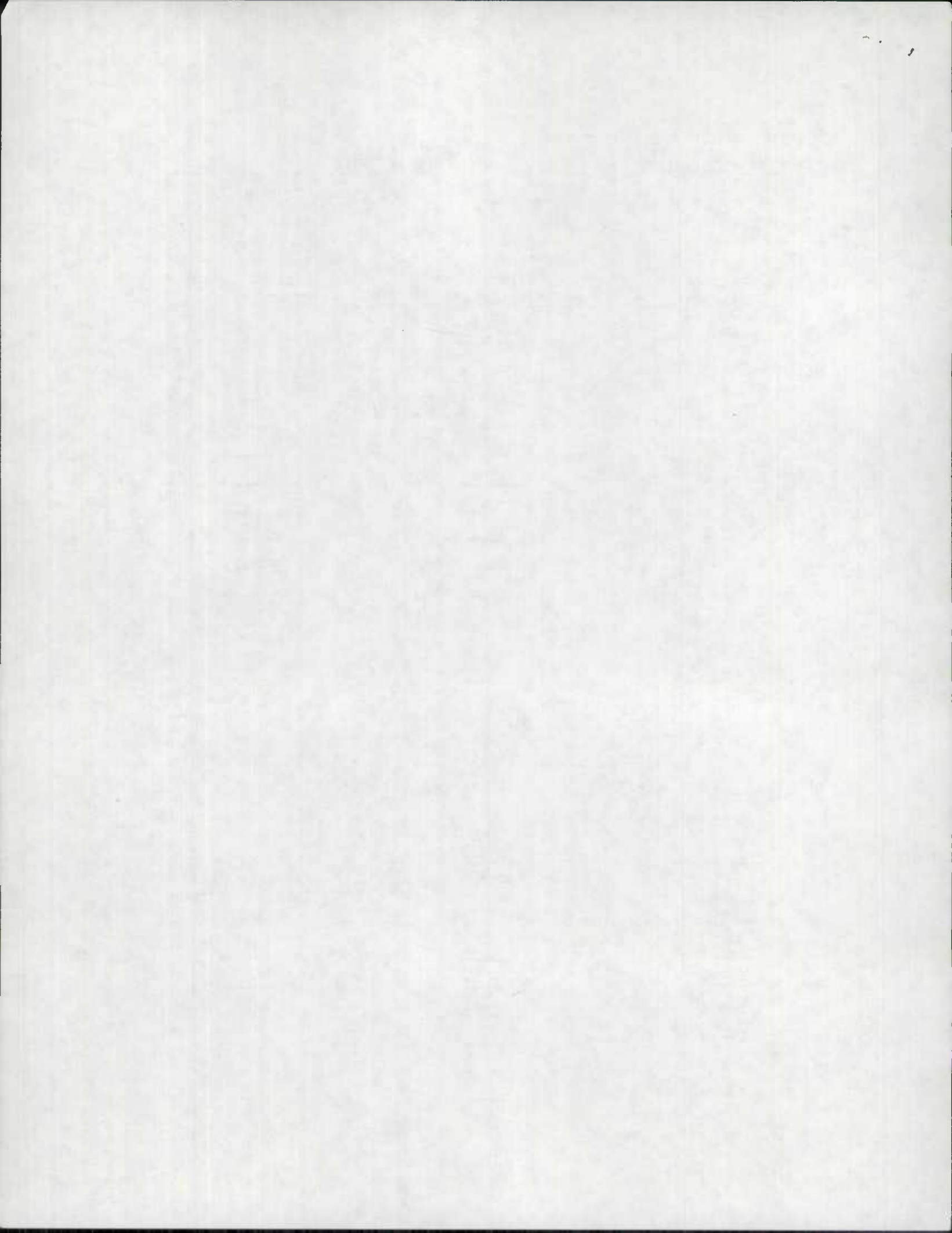
1.14

	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>1.14</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) (11.8, 1.4) pt(iii) (24.4, 1.5) pt(iv) (44, 6) pt(v) (56.5, 5.5)
pt(vi) (58.1, 5.6) 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>0.26</u>
b.	0.5-2.4	<u>0</u>	<u>0.28</u>
c.	2.5-4.4	<u>1</u>	<u>0.22</u>
d.	4.5-6.4	<u>1</u>	<u>0.38</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



6

4/18 11

ROUTE NUMBER: US 40

STARTING MILE POINT: 0.00

ENDING MILE POINT: 0.58

0.58

0.7

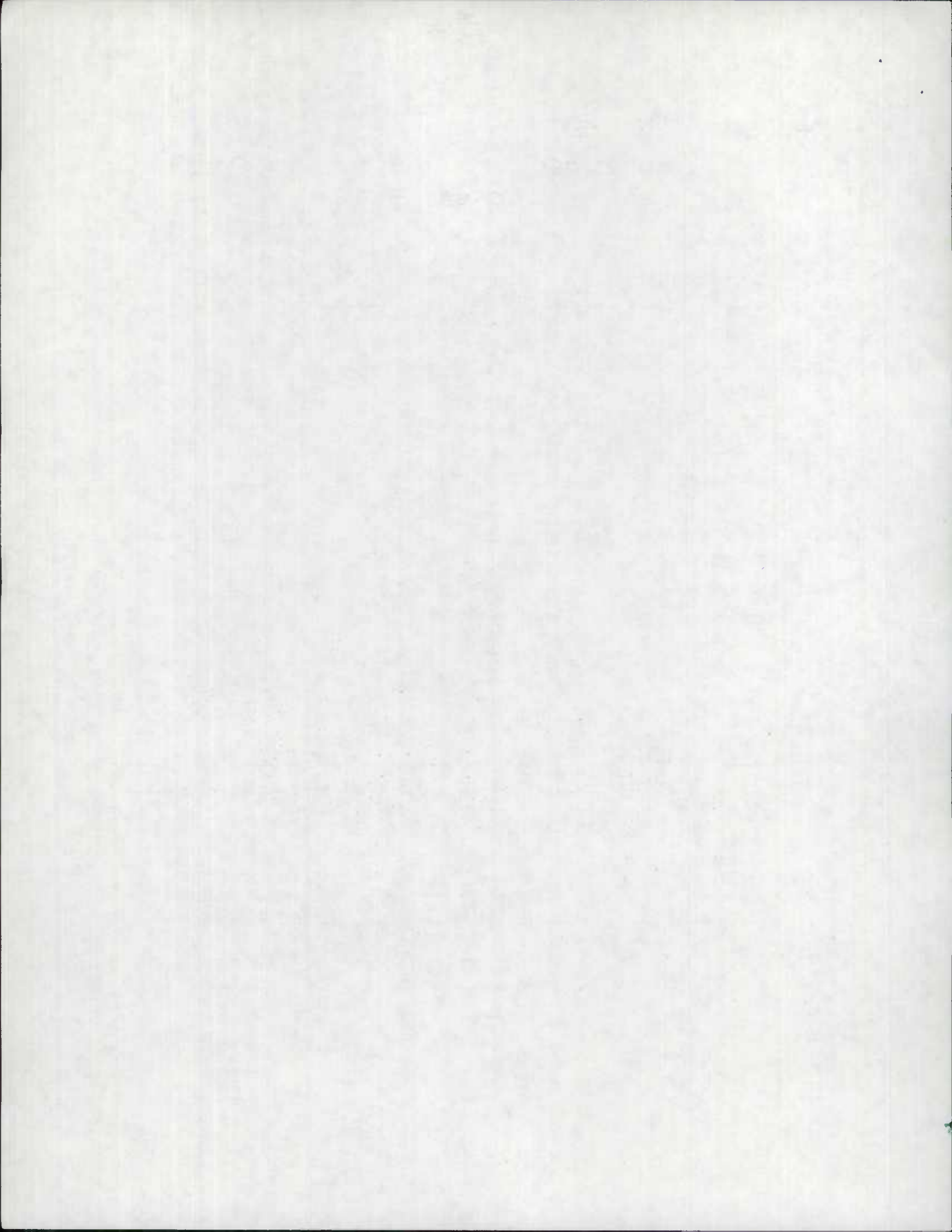
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.58</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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) (11.0) pt (iii) (22.2, 0.3) pt (iv) (25.2, 0.2) pt (v) (30.6, 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>0.21</u>
b.	0.5-2.4	<u>3</u>	<u>0.37</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

error "11/19"



ROUTE NUMBER: US 40

STARTING MILE POINT: 8.52

ENDING MILE POINT: 8.58

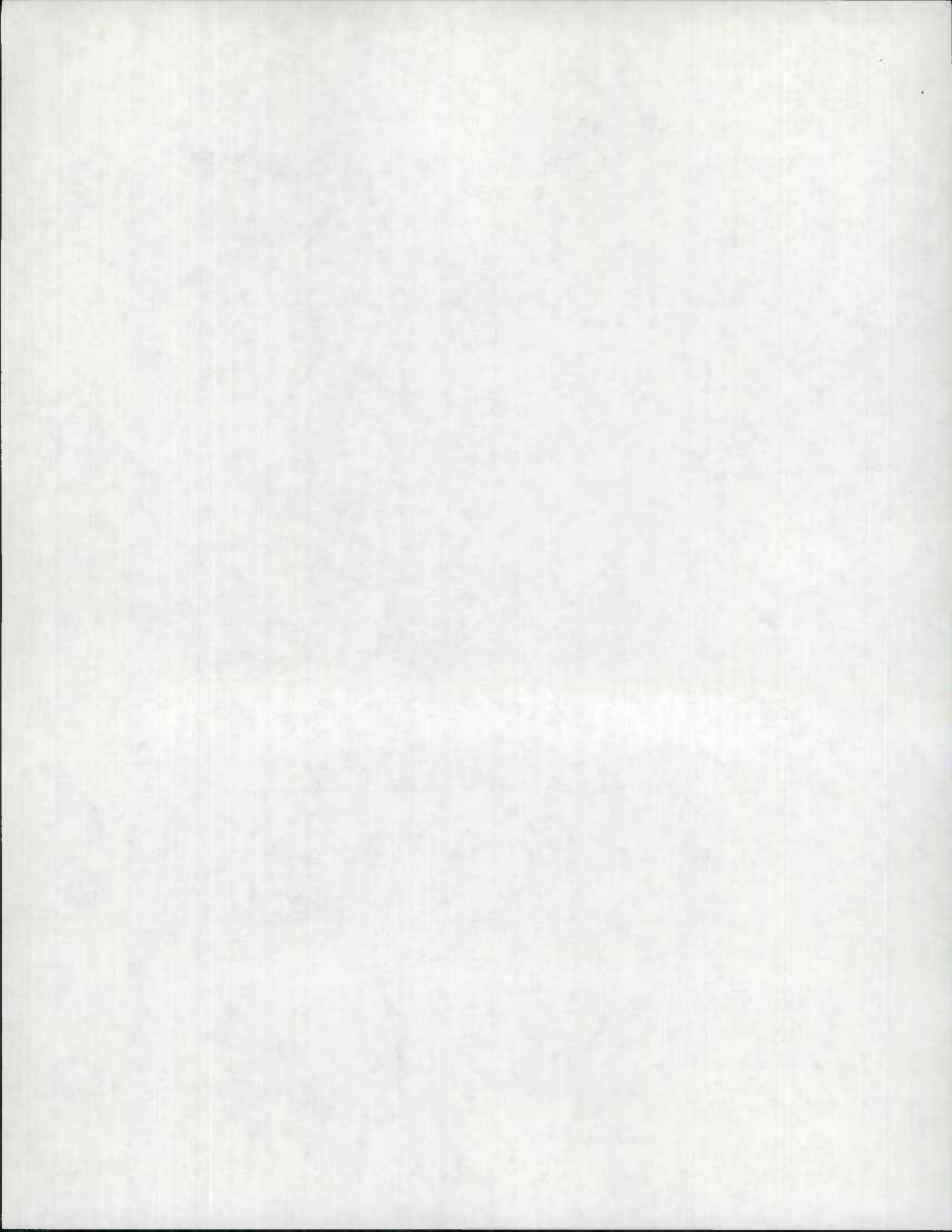
0.06

	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>0.06</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) (2.2) pt (iii) (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>1</u>	<u>0.06</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 40

STARTING MILE POINT: ~~8.58~~ 8.58

ENDING MILE POINT: 8.89

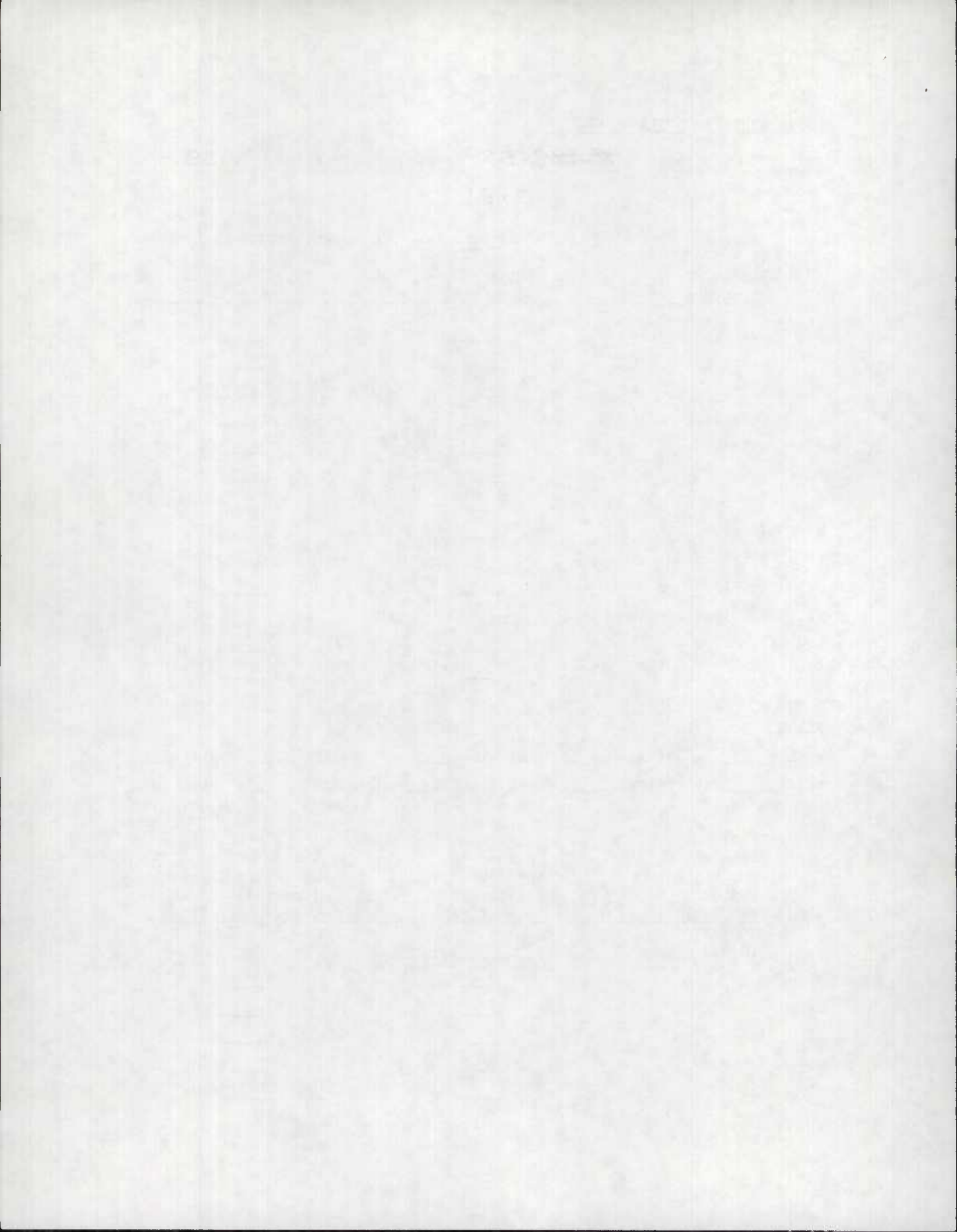
0.31

	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	_____	_____
b.	0.5-1.4	<u>1</u>	<u>0.31</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) (5.0-0.3) pt(iii) (16.4-0.1) 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>0.10</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 40

STARTING MILE POINT: 13.71

ENDING MILE POINT: 13.74

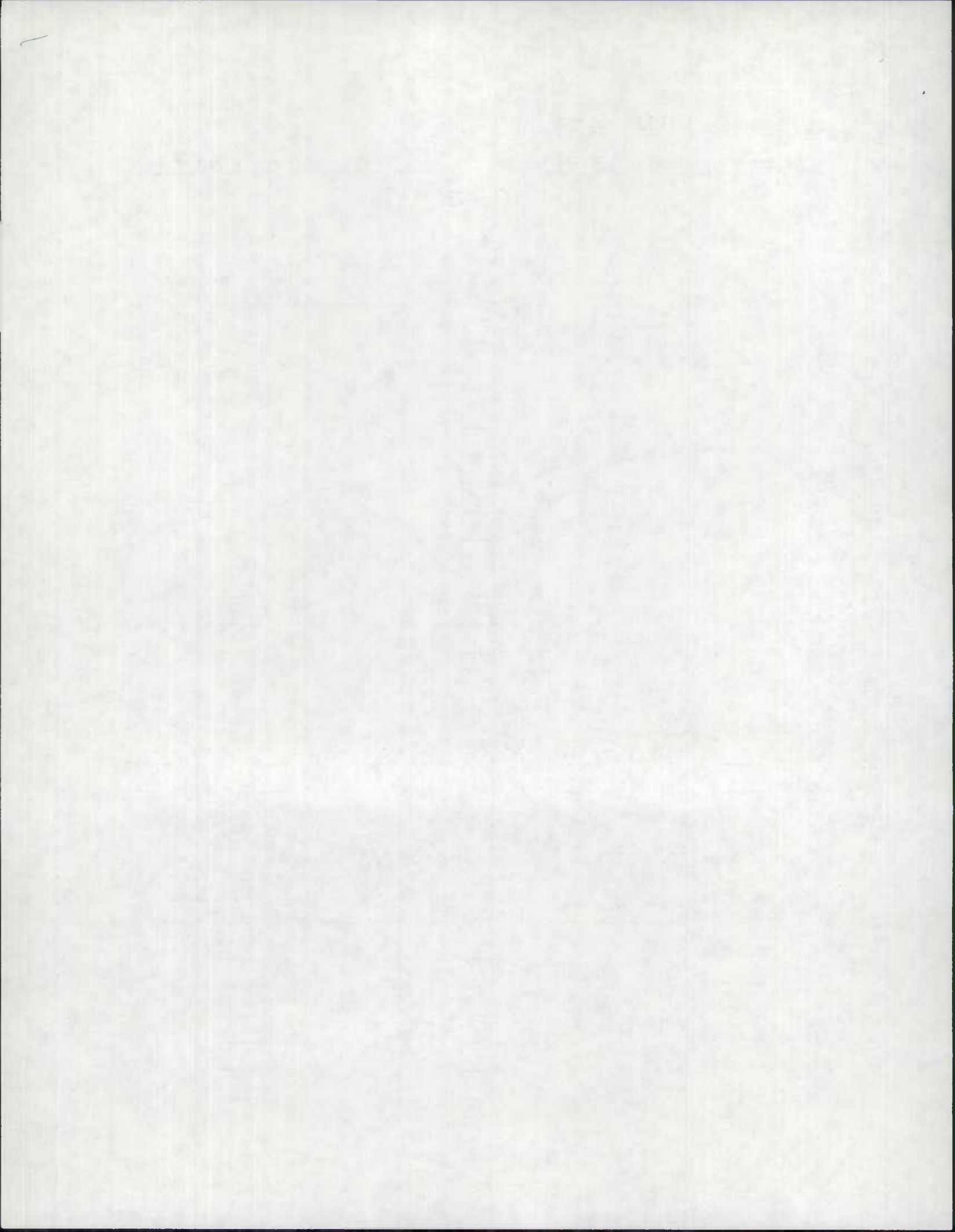
0.03

	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) (1.60) 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 40

STARTING MILE POINT: 13.74

ENDING MILE POINT: 13.81

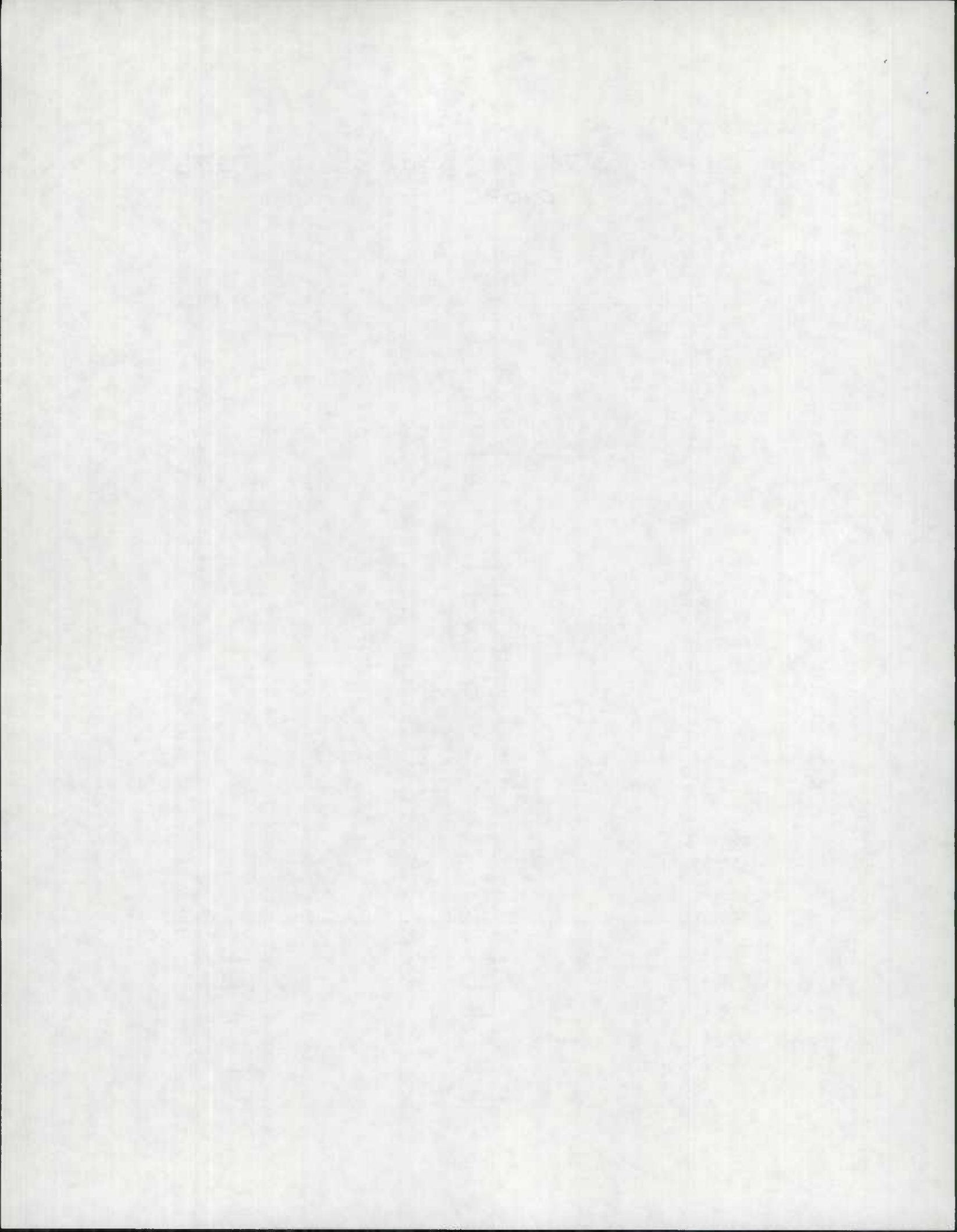
0.07

	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) (0.0) pt(ii) (1.1, 0) 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>0.02</u>
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-	_____	_____



ROUTE NUMBER: US 40

STARTING MILE POINT: 13.87

ENDING MILE POINT: 14.07

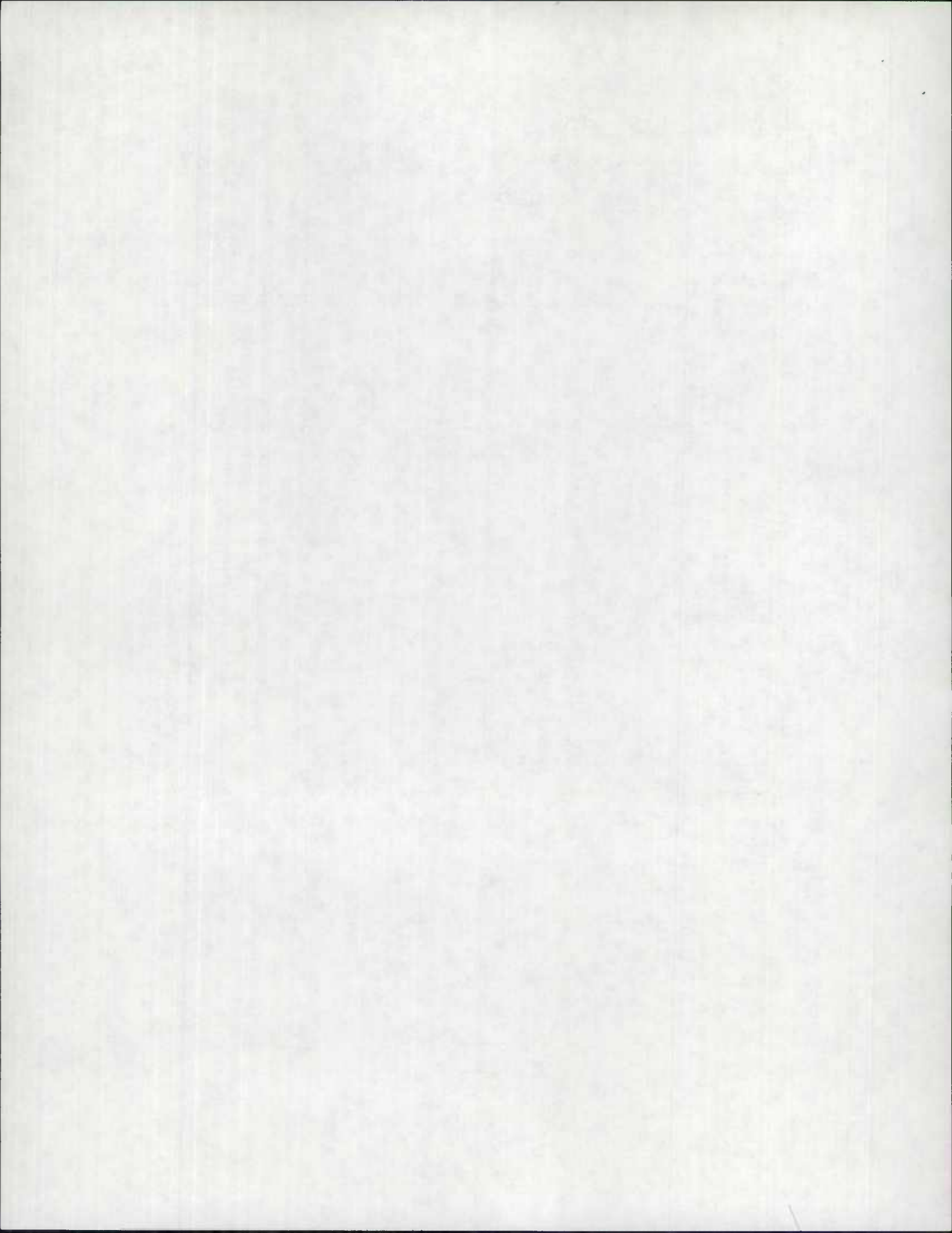
(0.20)

	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) (7.0-8) pt (iii) (10.0-0.8) 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>1</u>	<u>0.13</u>
c.	2.5-4.4	<u>1</u>	<u>0.07</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: WS 40

STARTING MILE POINT: 14.07

ENDING MILE POINT: 14.10

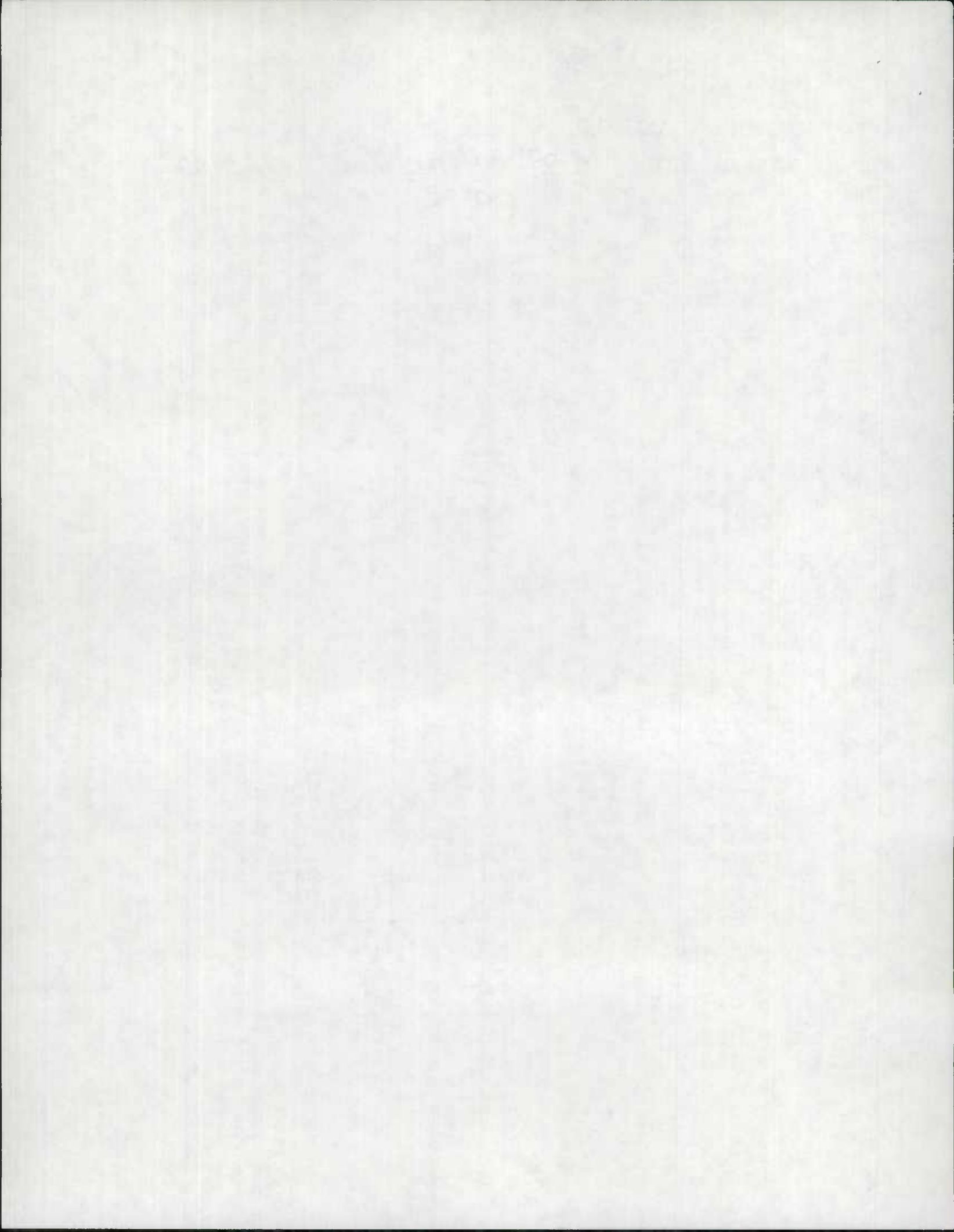
0.03

	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	<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) (1.6 - 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	<u> </u>	<u> </u>
b.	0.5-2.4	<u> </u>	<u> </u>
c.	2.5-4.4	<u>1</u>	<u>0.03</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: US 40

STARTING MILE POINT: 14.10

ENDING MILE POINT: 14.34

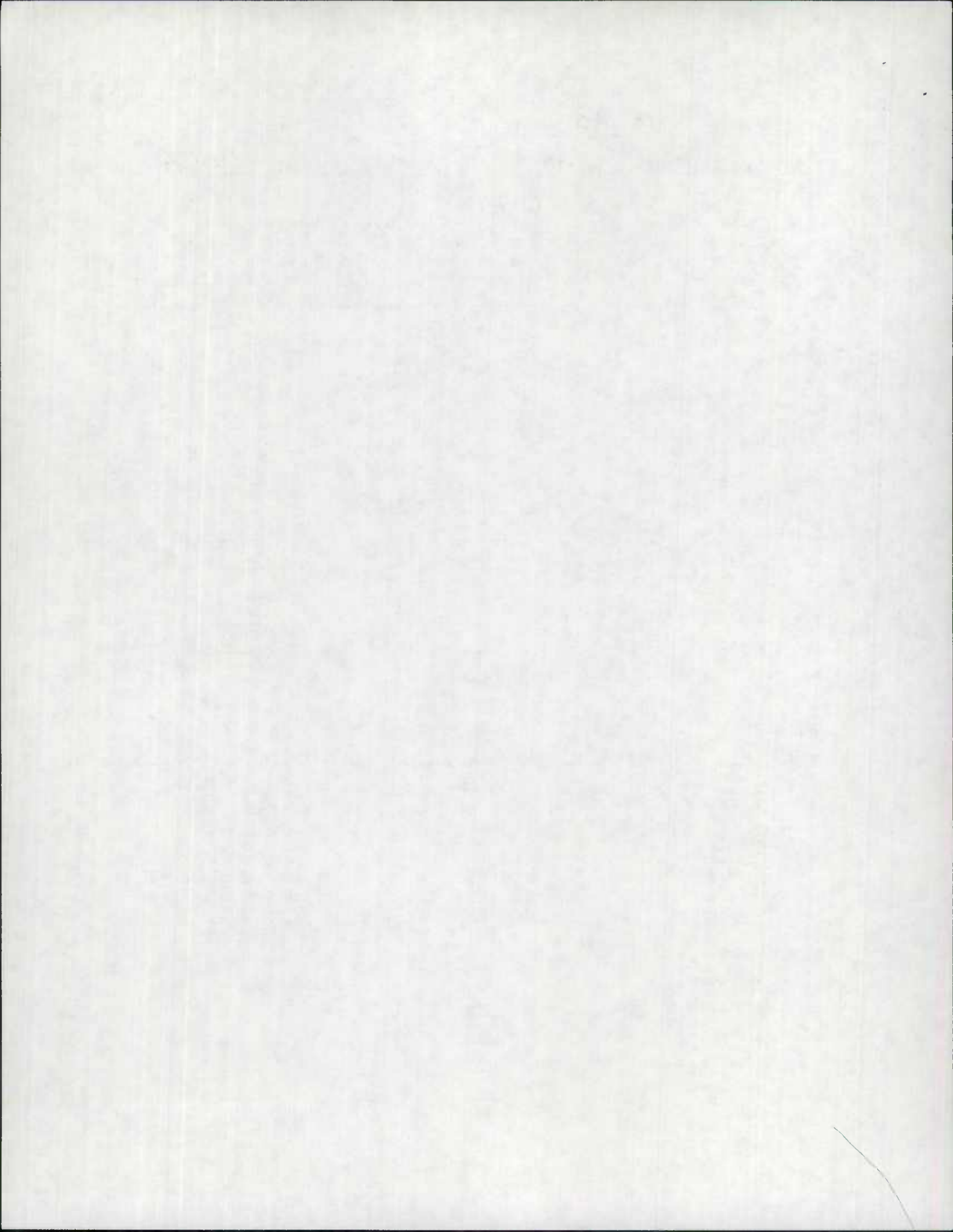
0.24

	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) (5.5, -0.5) pt (iii) (12.7, -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>0.24</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 40

STARTING MILE POINT: 14.34

ENDING MILE POINT: 14.39

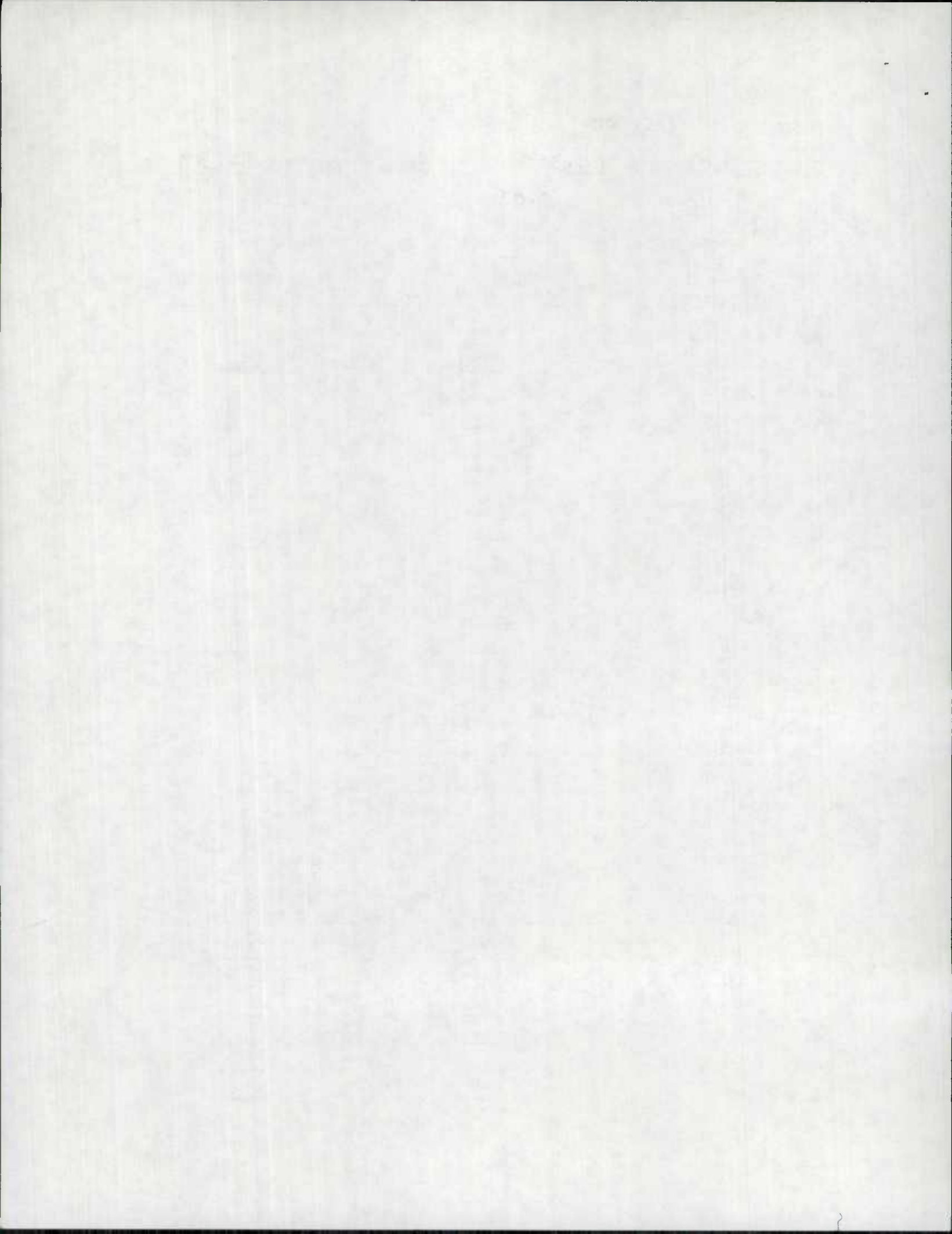
0.05

	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) (2.7, 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-	_____	_____



ROUTE NUMBER: US 40

STARTING MILE POINT: 14.39

ENDING MILE POINT: 14.68

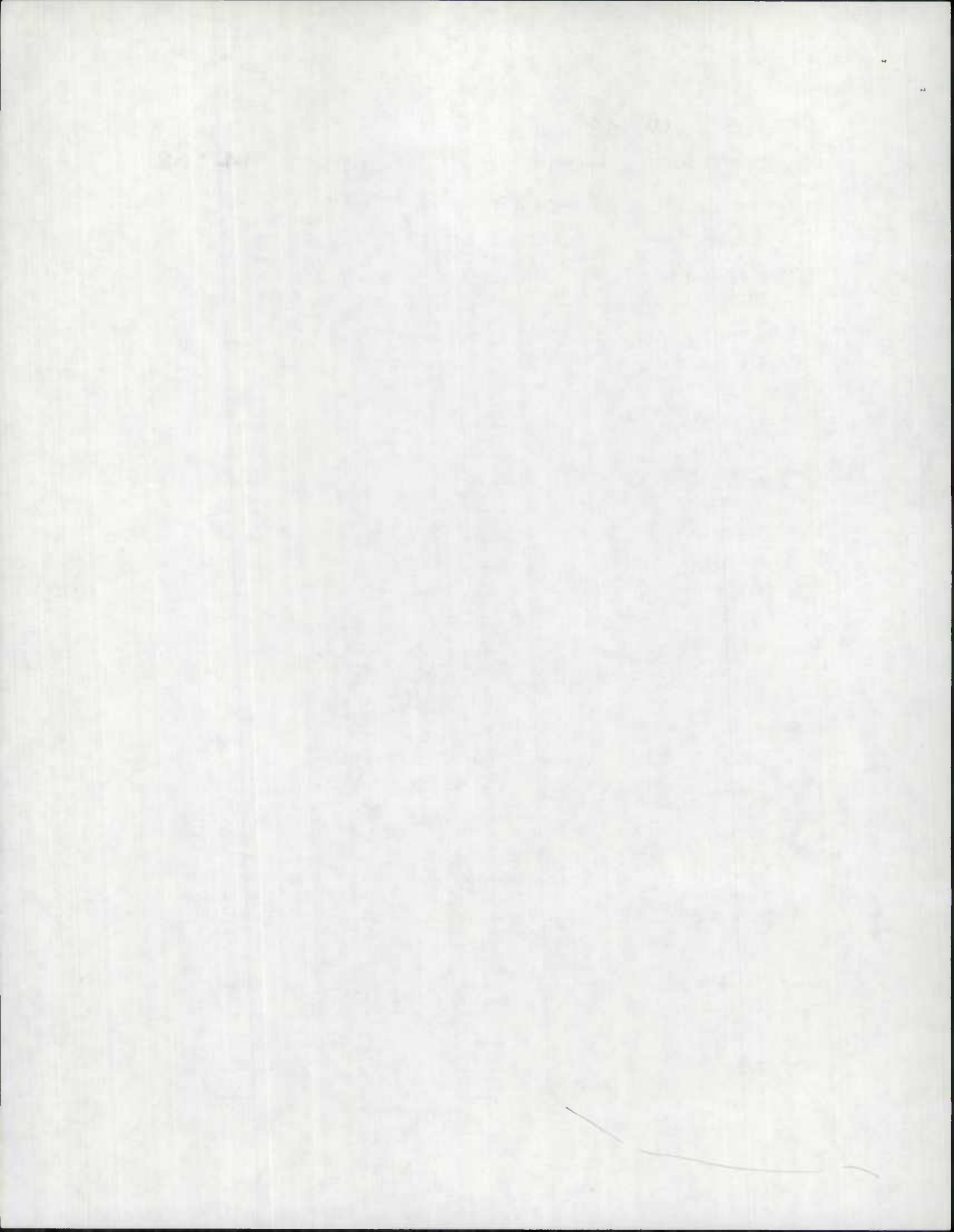
0.29

	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>0.29</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) (4.8, 0.45) pt (iii) (14, 0) pt (iv) (15.3, 0) 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>0.27</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



5

✓ 3/3

ROUTE NUMBER: US 1

STARTING MILE POINT: 0.00

ENDING MILE POINT: 0.45

.45

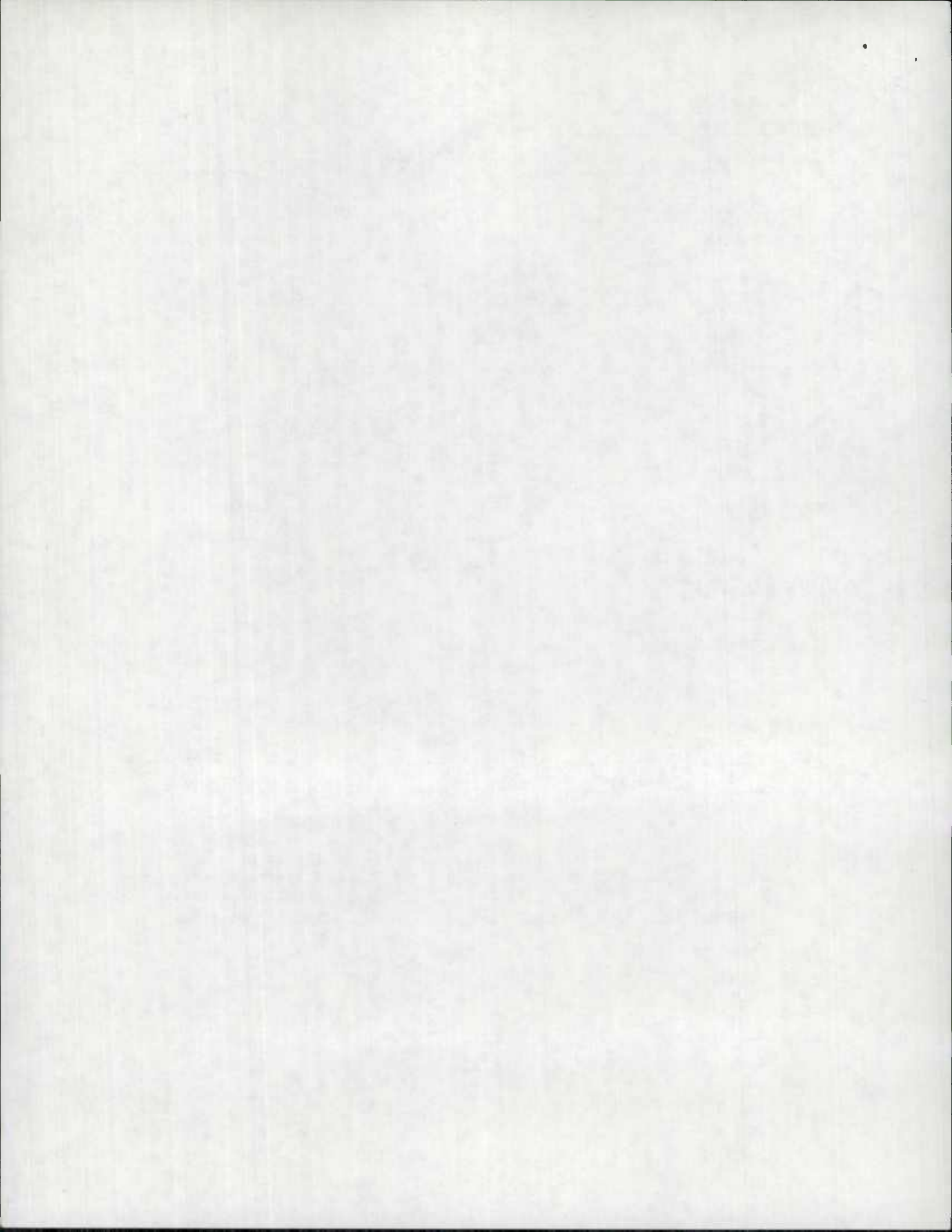
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	→ 2	0.02
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	← 4.7 → 1	0.03
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

COY

GRADE:

pt(i) _____ pt(ii) _____ 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	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 1

STARTING MILE POINT: 0.45

ENDING MILE POINT: 0.53

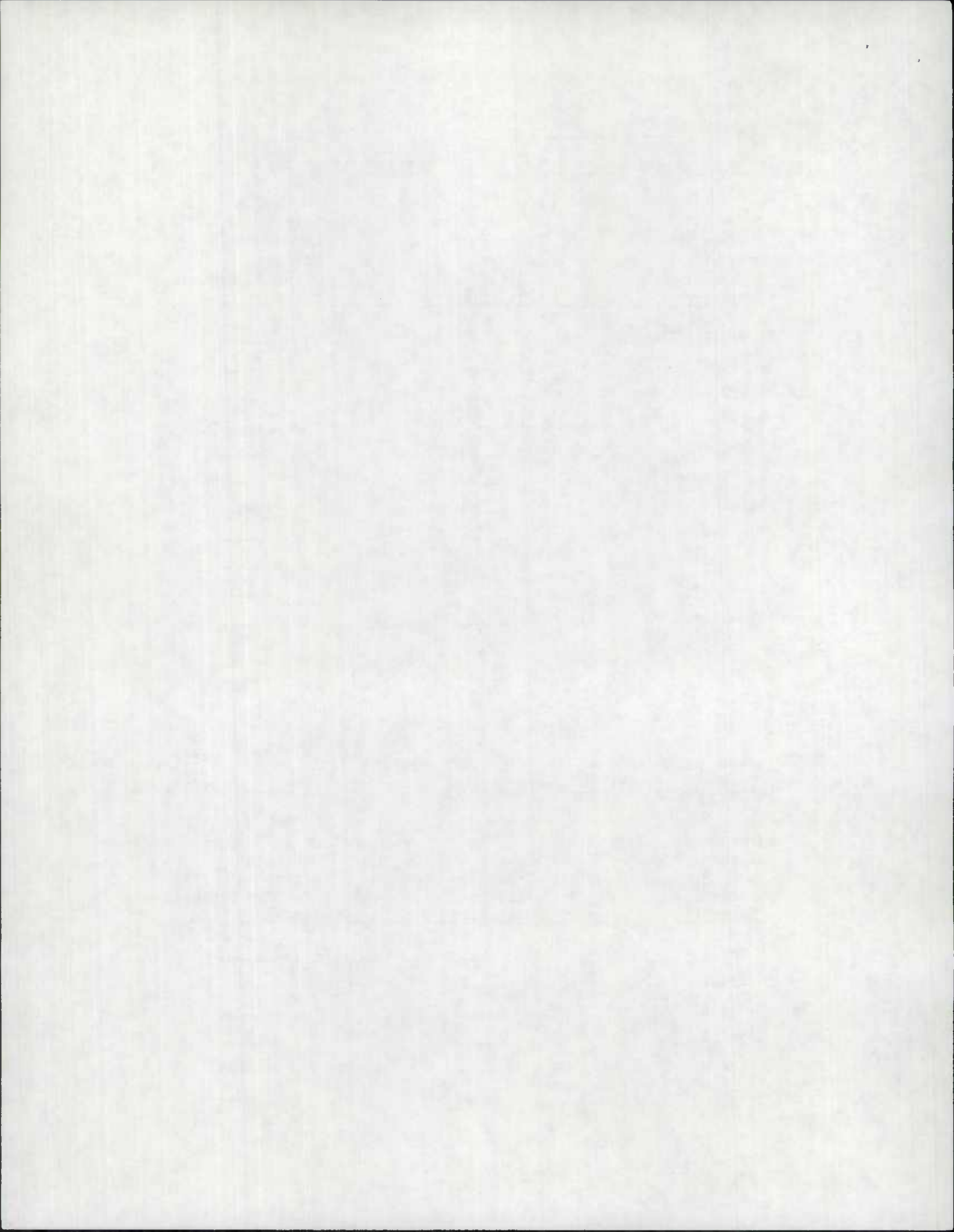
.08

	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	<u>1</u>	<u>0.03</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) _____ pt(ii) _____ 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	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____






ROUTE NUMBER: US 1

STARTING MILE POINT: 0.53

ENDING MILE POINT: 0.90

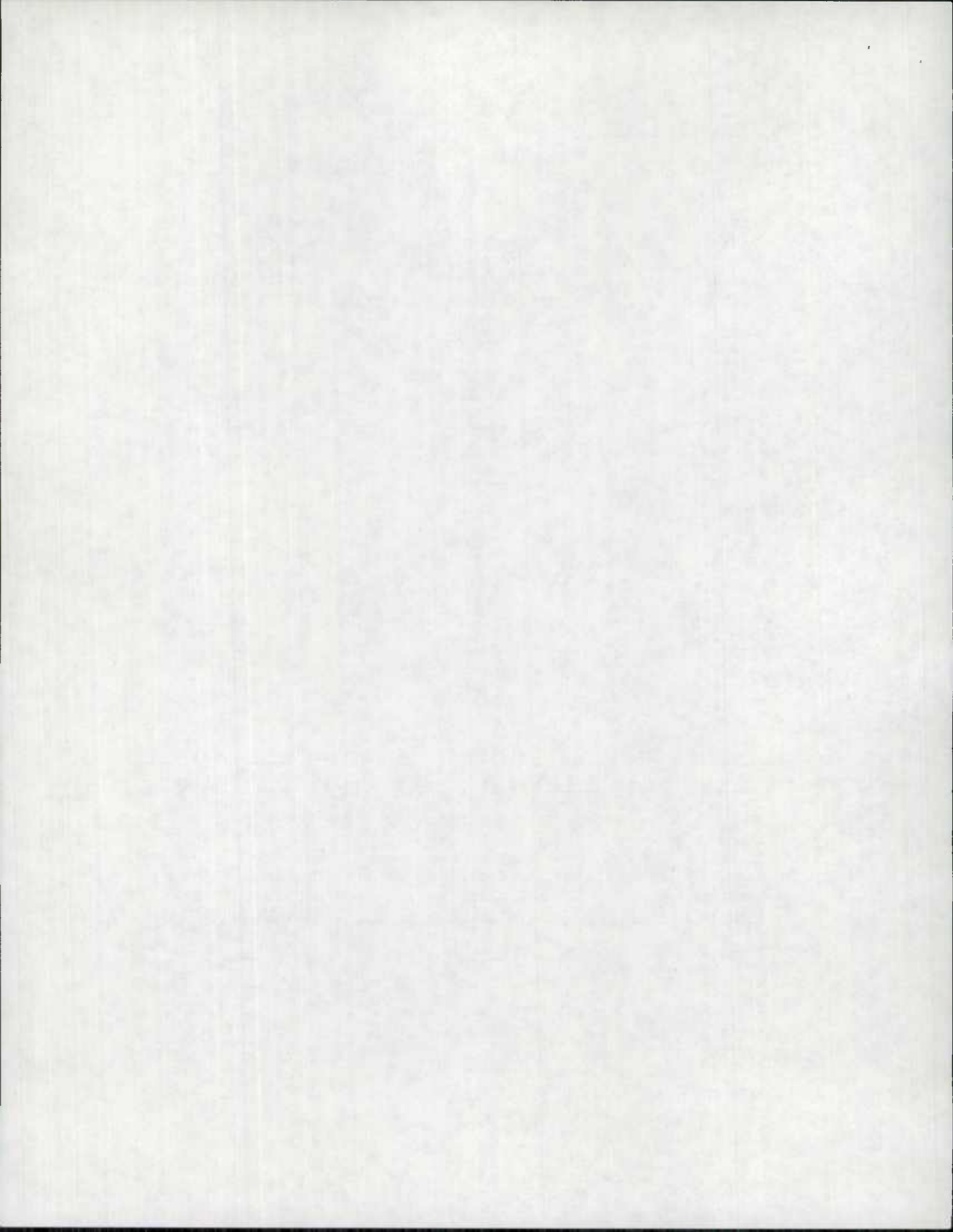
.37

	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		_____	<u>0.30</u>
e.	3.5-4.4		<u>1</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) _____ pt (ii) _____ 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		_____	_____
c.	2.5-4.4		_____	_____
d.	4.5-6.4		_____	_____
e.	6.5-8.4		_____	_____
f.	8.5-		_____	_____



ROUTE NUMBER: US 1

STARTING MILE POINT: 0.90

ENDING MILE POINT: 1.06

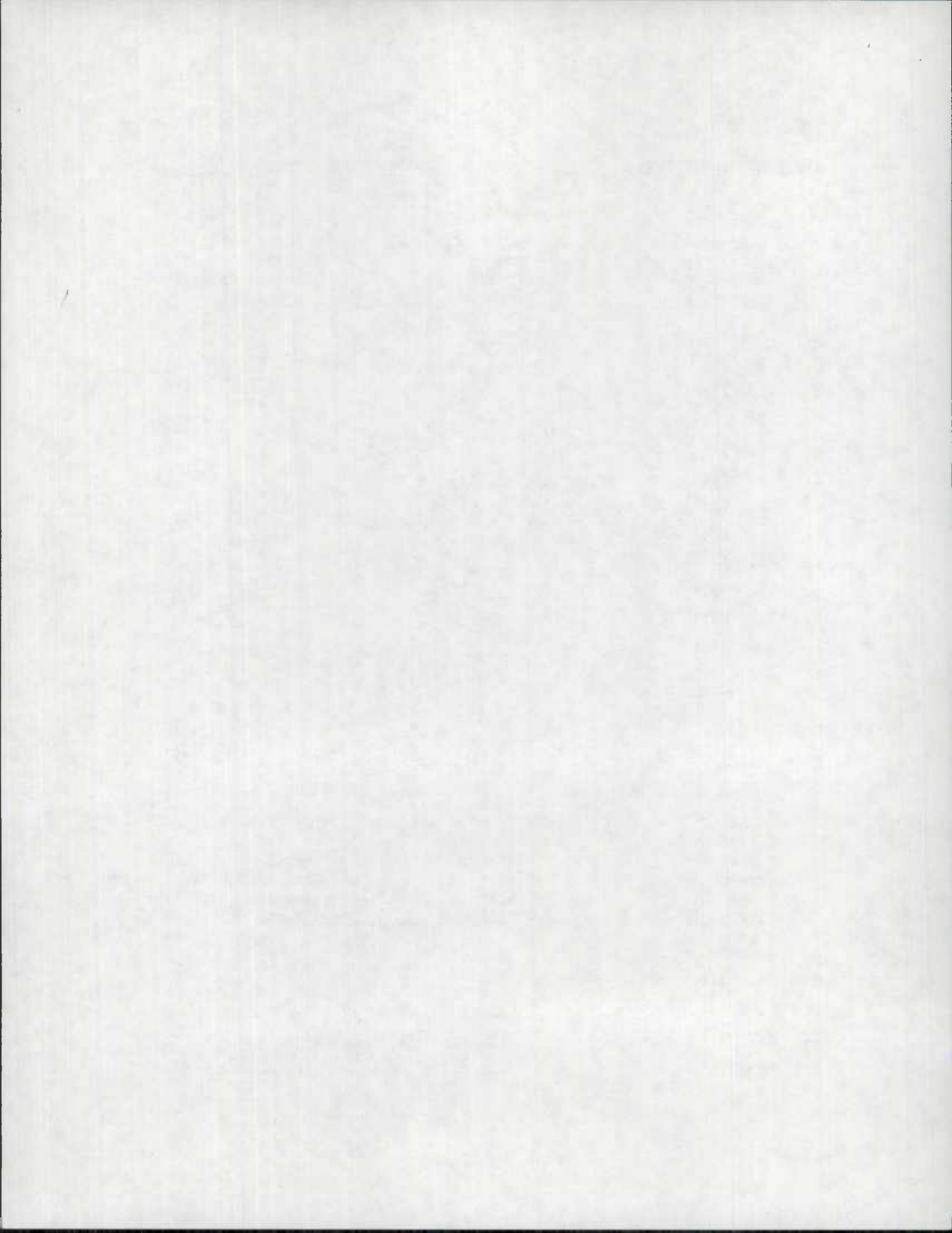
.16

	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	_____	_____
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) _____ pt(ii) _____ 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	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 1

STARTING MILE POINT: 1.06

ENDING MILE POINT: 1.27

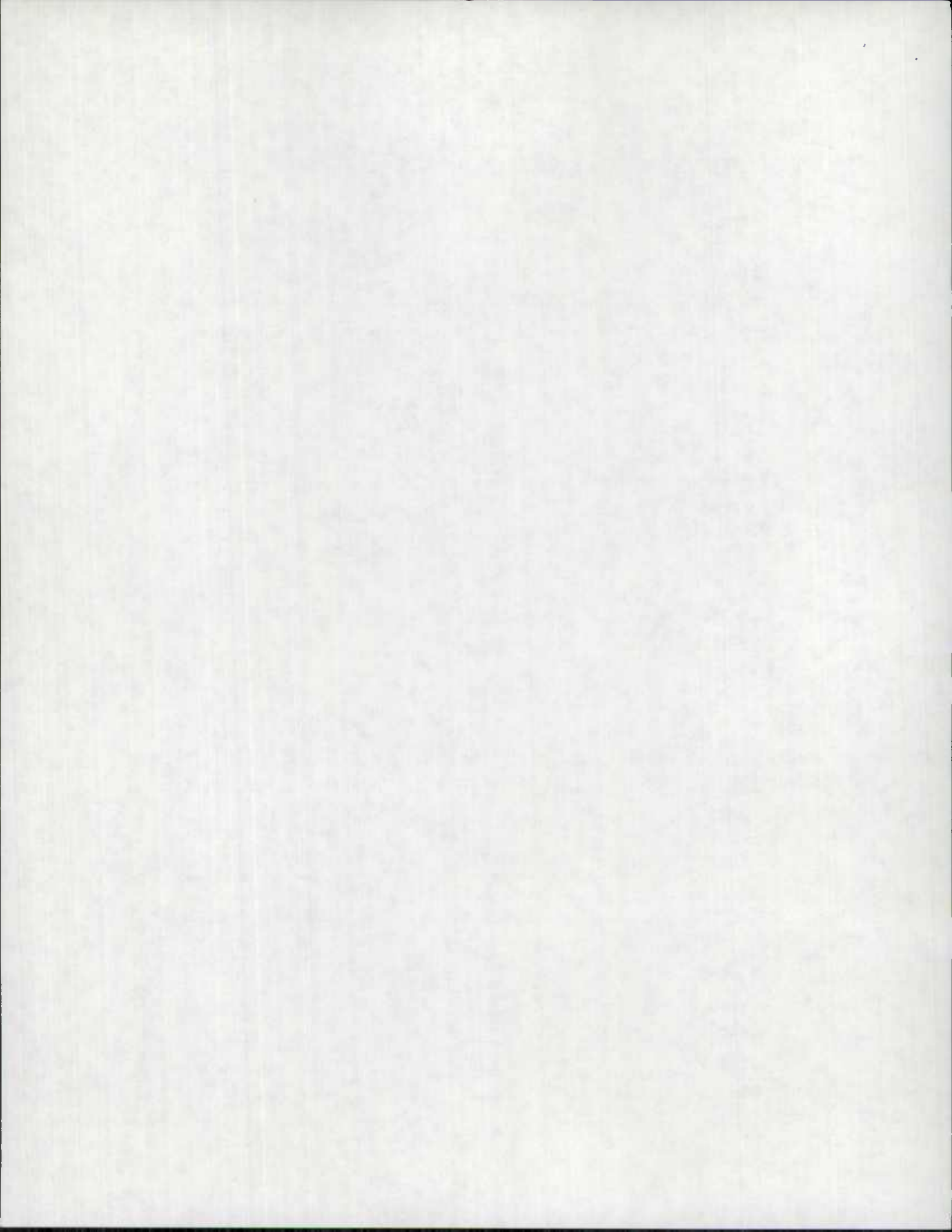
.21

	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		_____	_____
c.	1.5-2.4		_____	_____
d.	2.5-3.4	→ 2.7	<u>1</u>	<u>0.07</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) _____ pt(ii) _____ 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		_____	_____
c.	2.5-4.4		_____	_____
d.	4.5-6.4		_____	_____
e.	6.5-8.4		_____	_____
f.	8.5-		_____	_____



ROUTE NUMBER: US 1

STARTING MILE POINT: 1.27

ENDING MILE POINT: 1.36

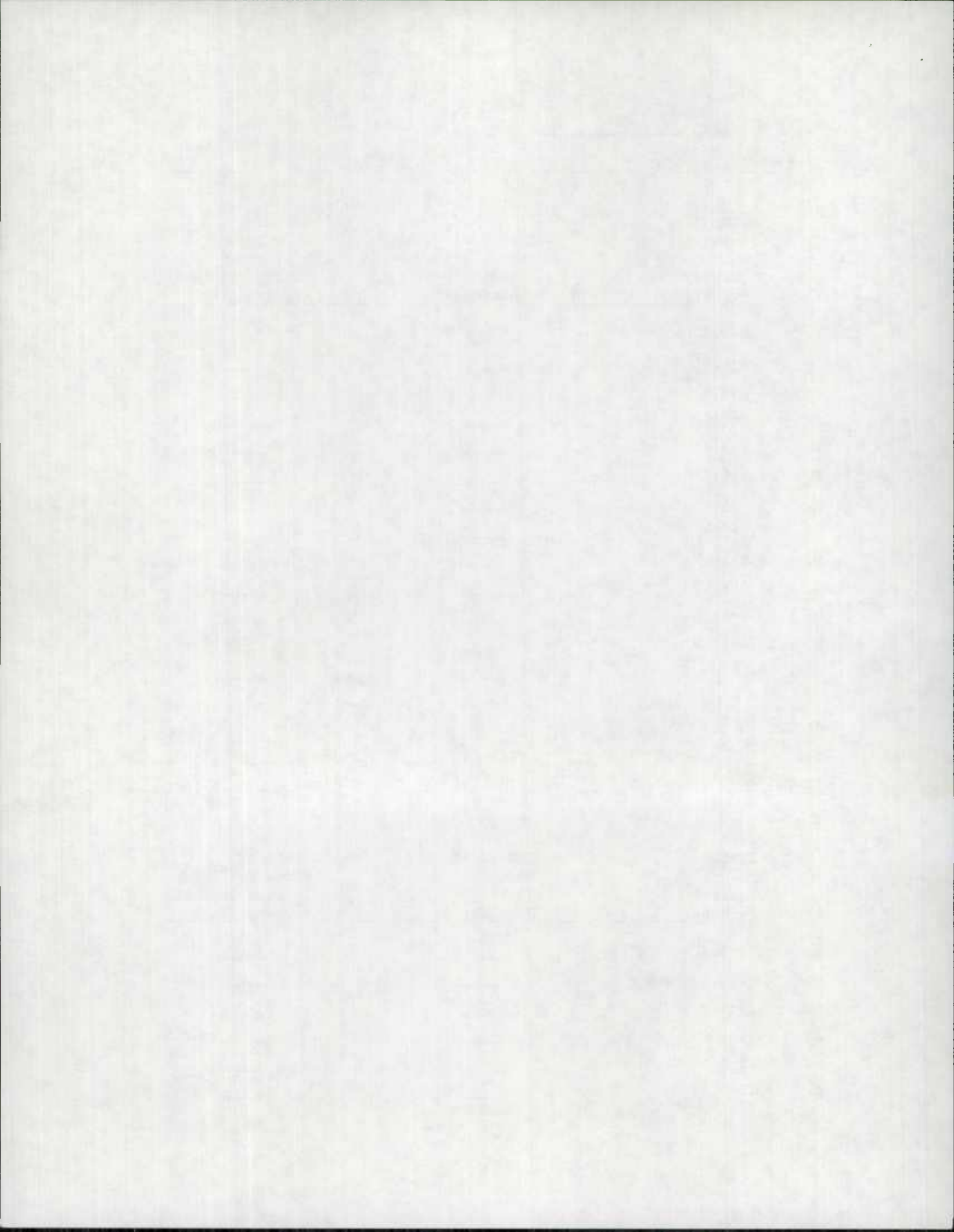
.09

	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>0.09</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) _____ pt(ii) _____ 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	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 1

STARTING MILE POINT: 1.36

ENDING MILE POINT: 1.46

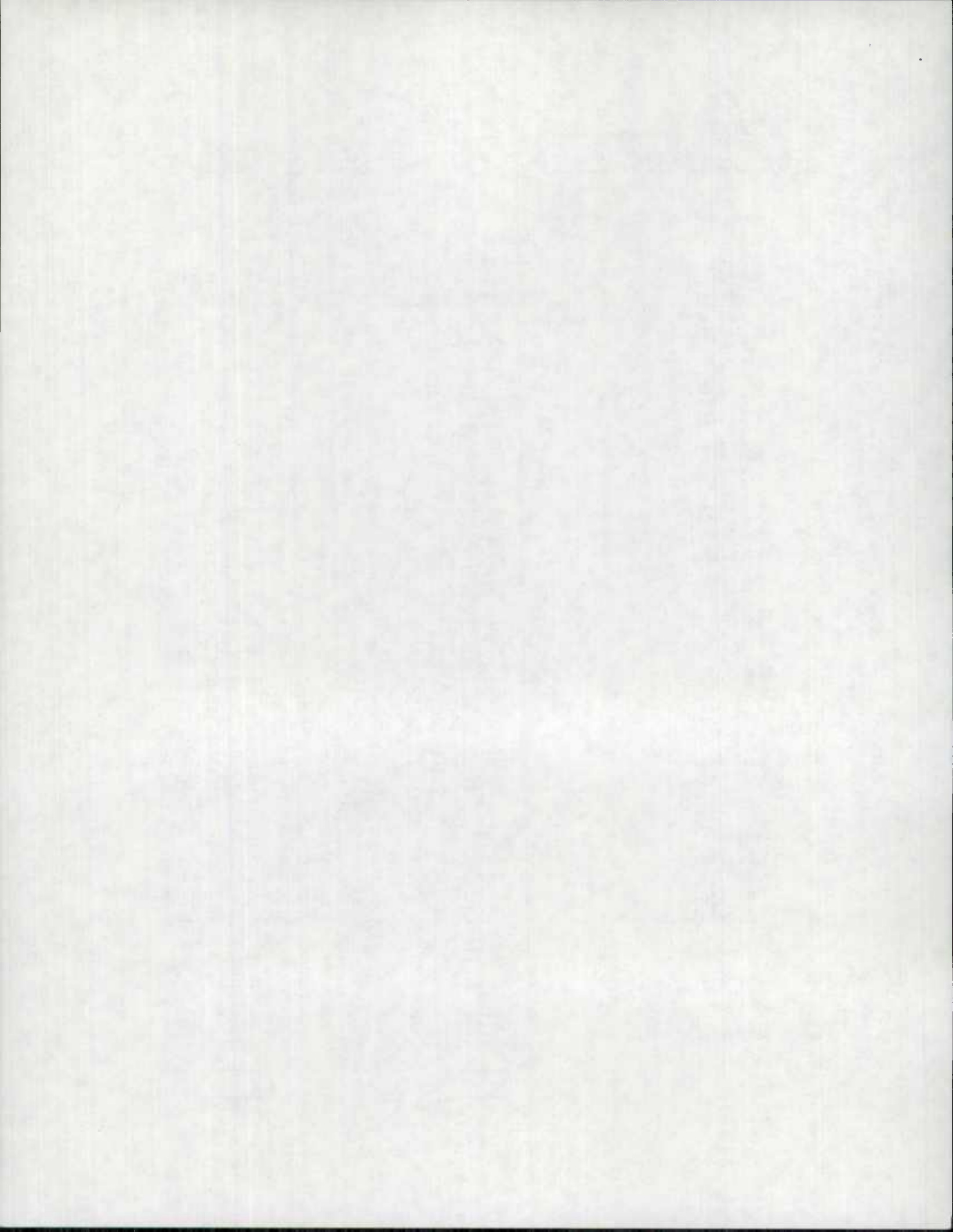
.1

	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>0.10</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) pt(ii) 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> </u>	<u> </u>
b.	0.5-2.4	<u> </u>	<u> </u>
c.	2.5-4.4	<u> </u>	<u> </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: US 1

STARTING MILE POINT: 1.46

ENDING MILE POINT: 1.54

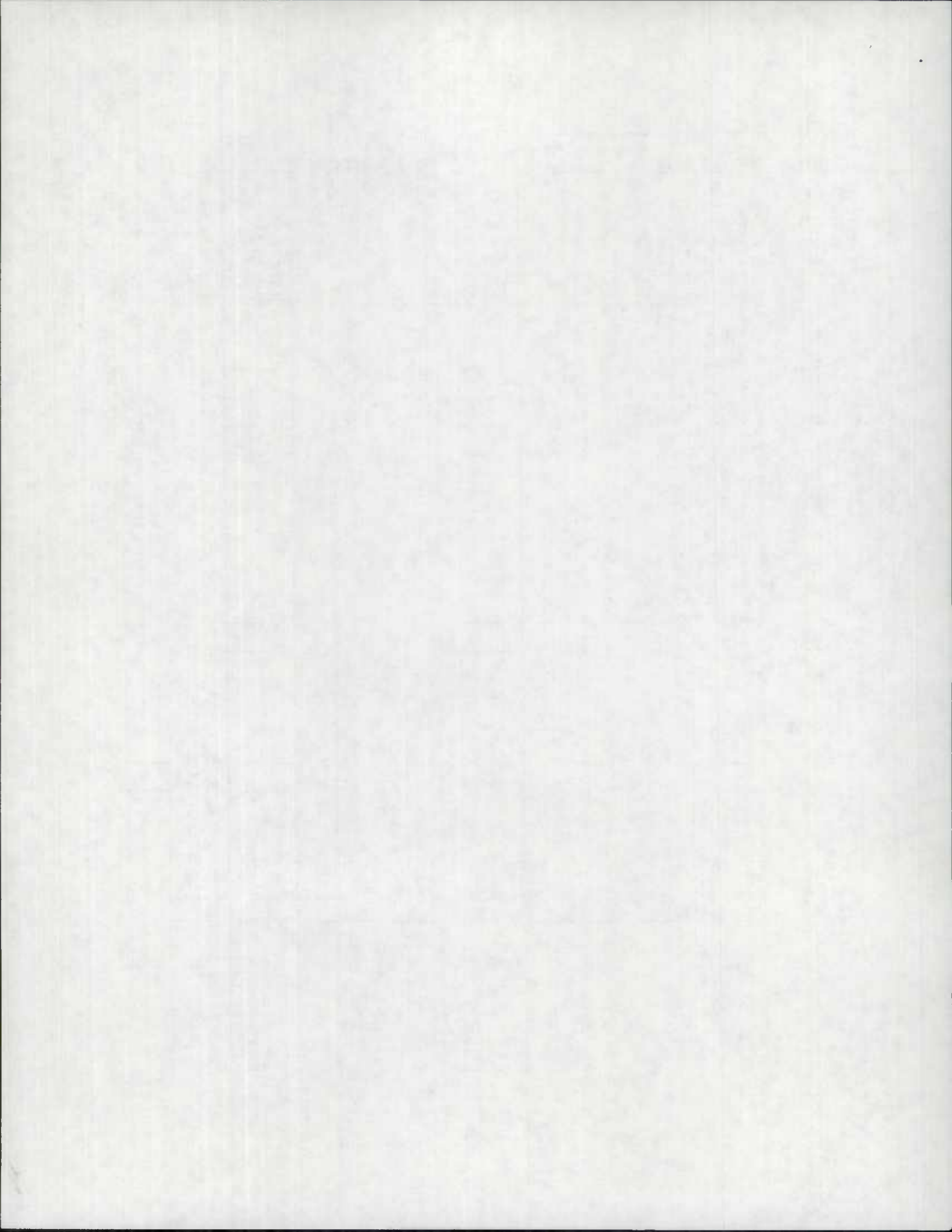
.08

	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>0.08</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) _____ pt(ii) _____ 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	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 1

STARTING MILE POINT: 1.54

ENDING MILE POINT: 2.74

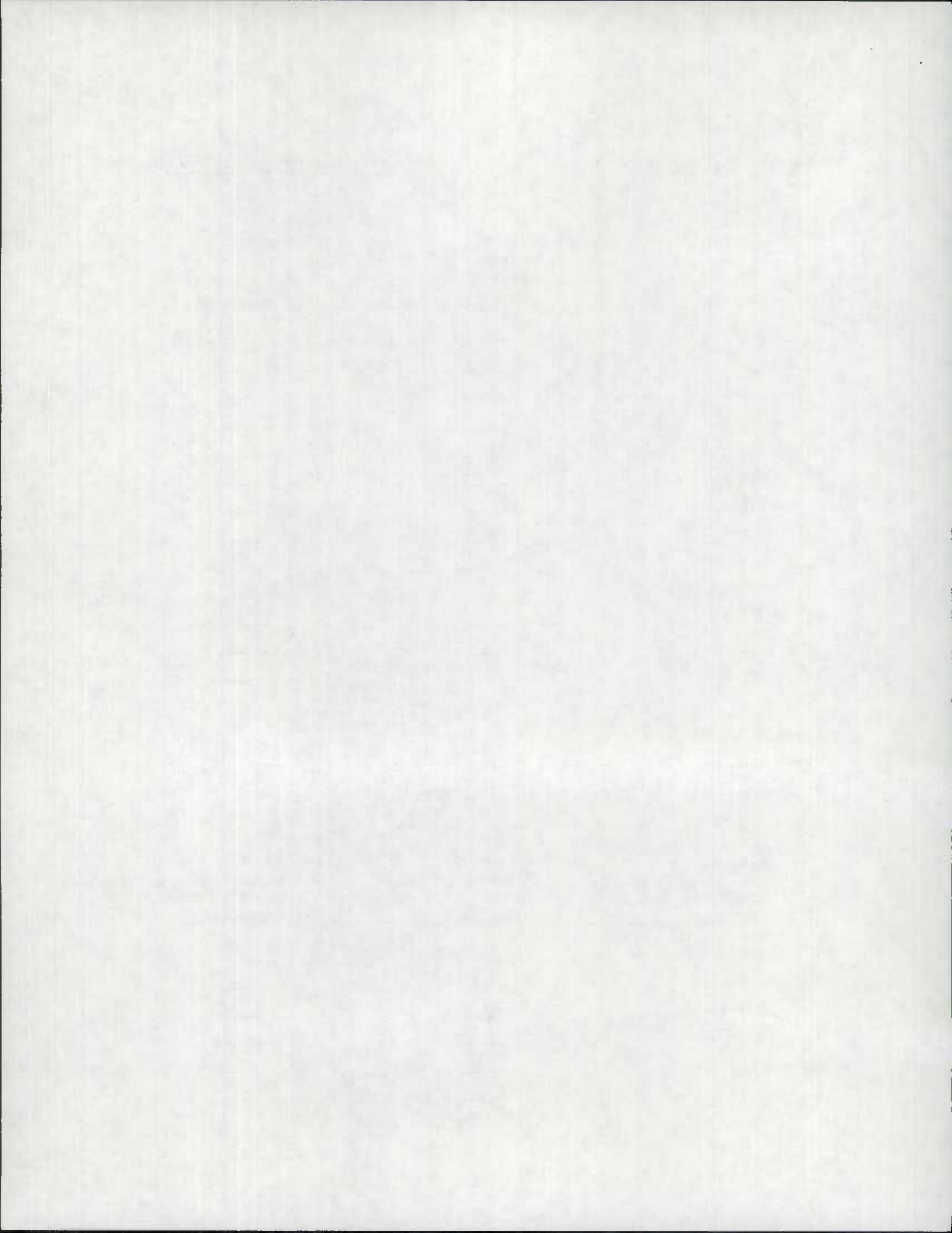
1.2

	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>2</u>	<u>0.89</u>
b.	0.5-1.4		_____	_____
c.	1.5-2.4	→ 1.7	<u>1</u>	<u>0.15</u>
d.	2.5-3.4	→ 2.9	<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) _____ pt (ii) _____ 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		_____	_____
c.	2.5-4.4		_____	_____
d.	4.5-6.4		_____	_____
e.	6.5-8.4		_____	_____
f.	8.5-		_____	_____



ROUTE NUMBER: US 1

STARTING MILE POINT: 5.33

ENDING MILE POINT: 5.50

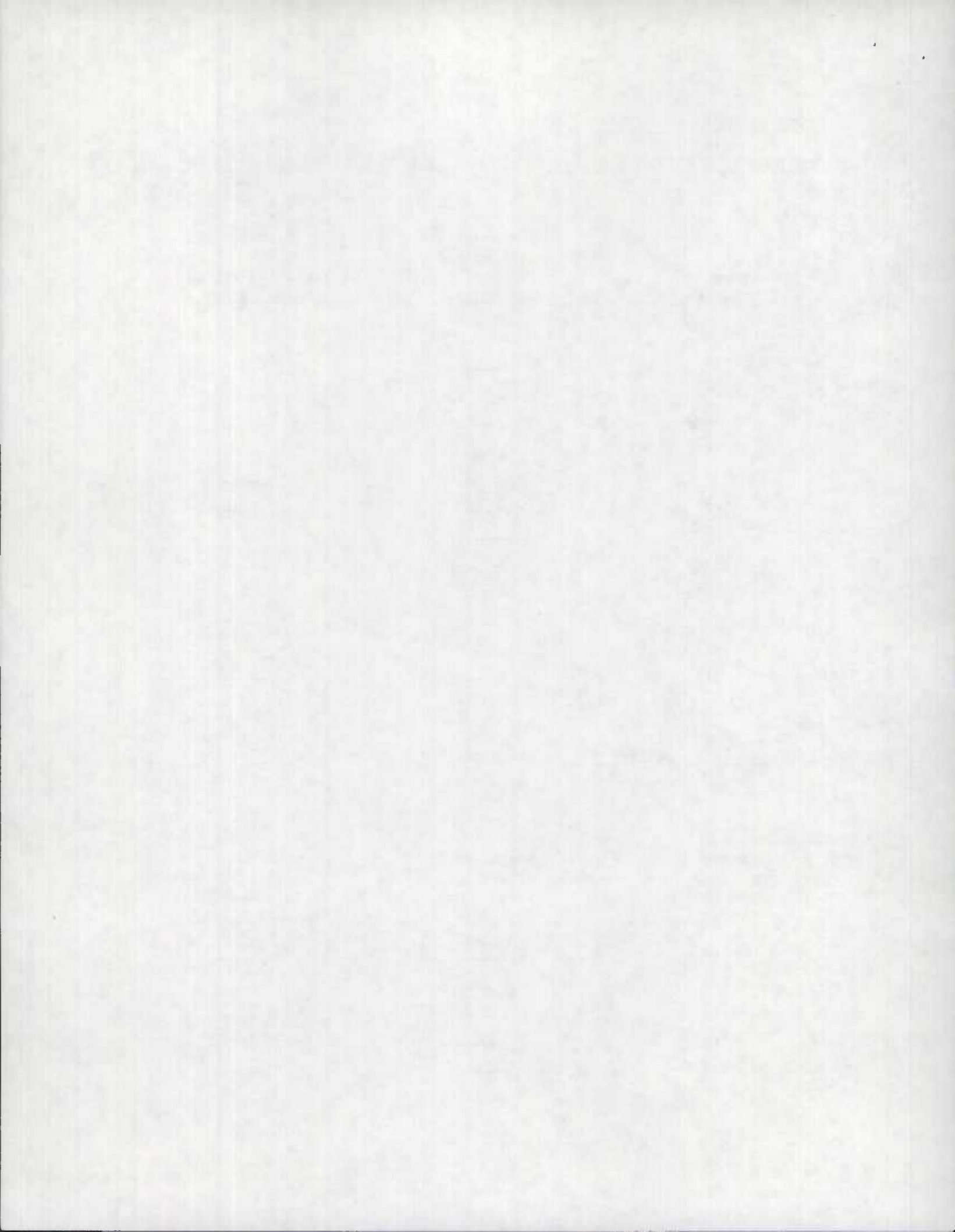
,17

	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	_____	_____
b.	0.5-1.4	<u>1</u>	<u>0.17</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) _____ pt(ii) _____ 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	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 1 *CSIP already sent:*

STARTING MILE POINT: 6.78

ENDING MILE POINT: 7.68

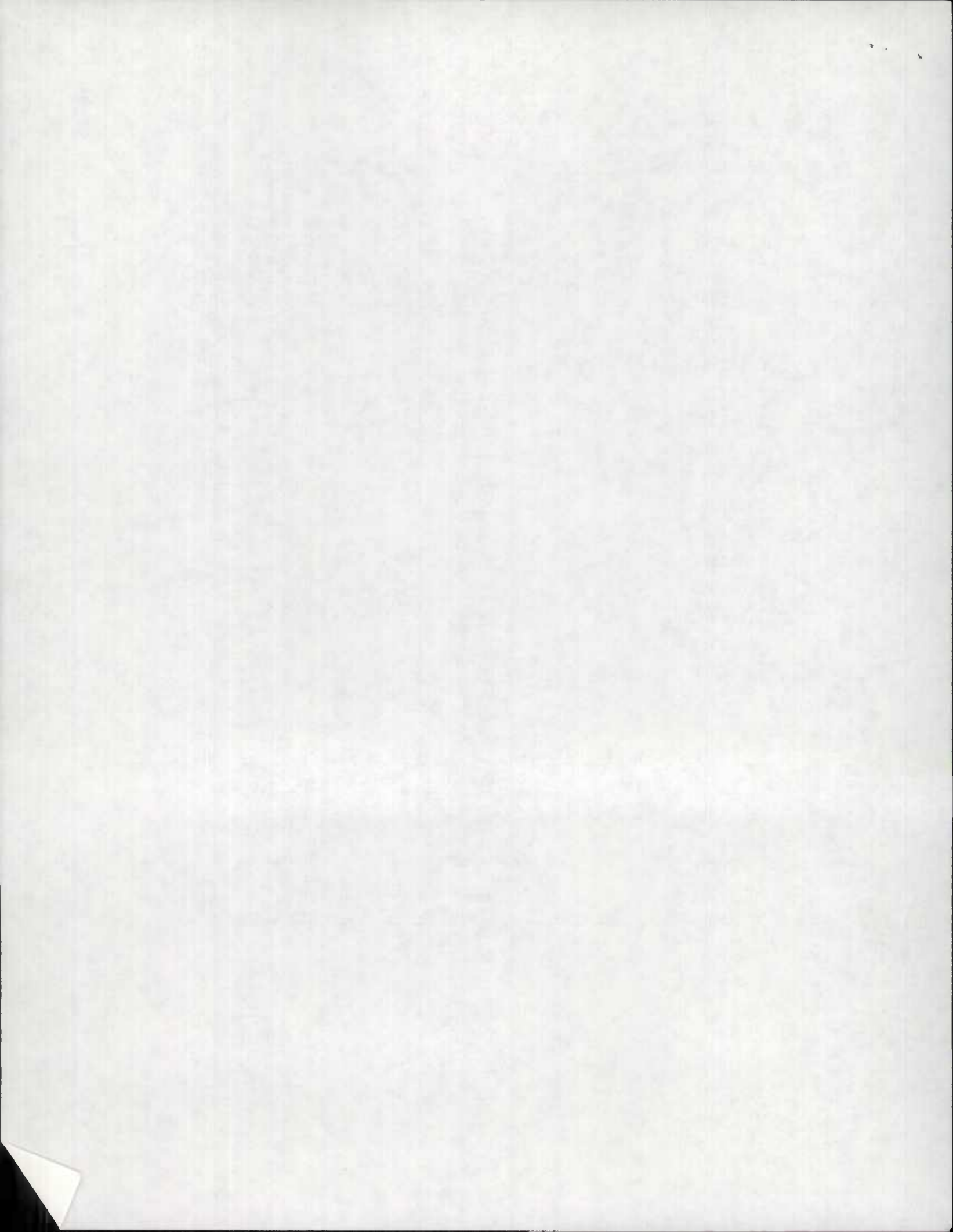
.9

	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>0.56</u>
b.	0.5-1.4 <i>1.3, 1.14</i>	<u>11</u>	<u>0.13 + 0.21</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) _____ pt(ii) _____ 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	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



7

ROUTE NUMBER: US 40

STARTING MILE POINT: 14.68

ENDING MILE POINT: 14.82

(0.14)

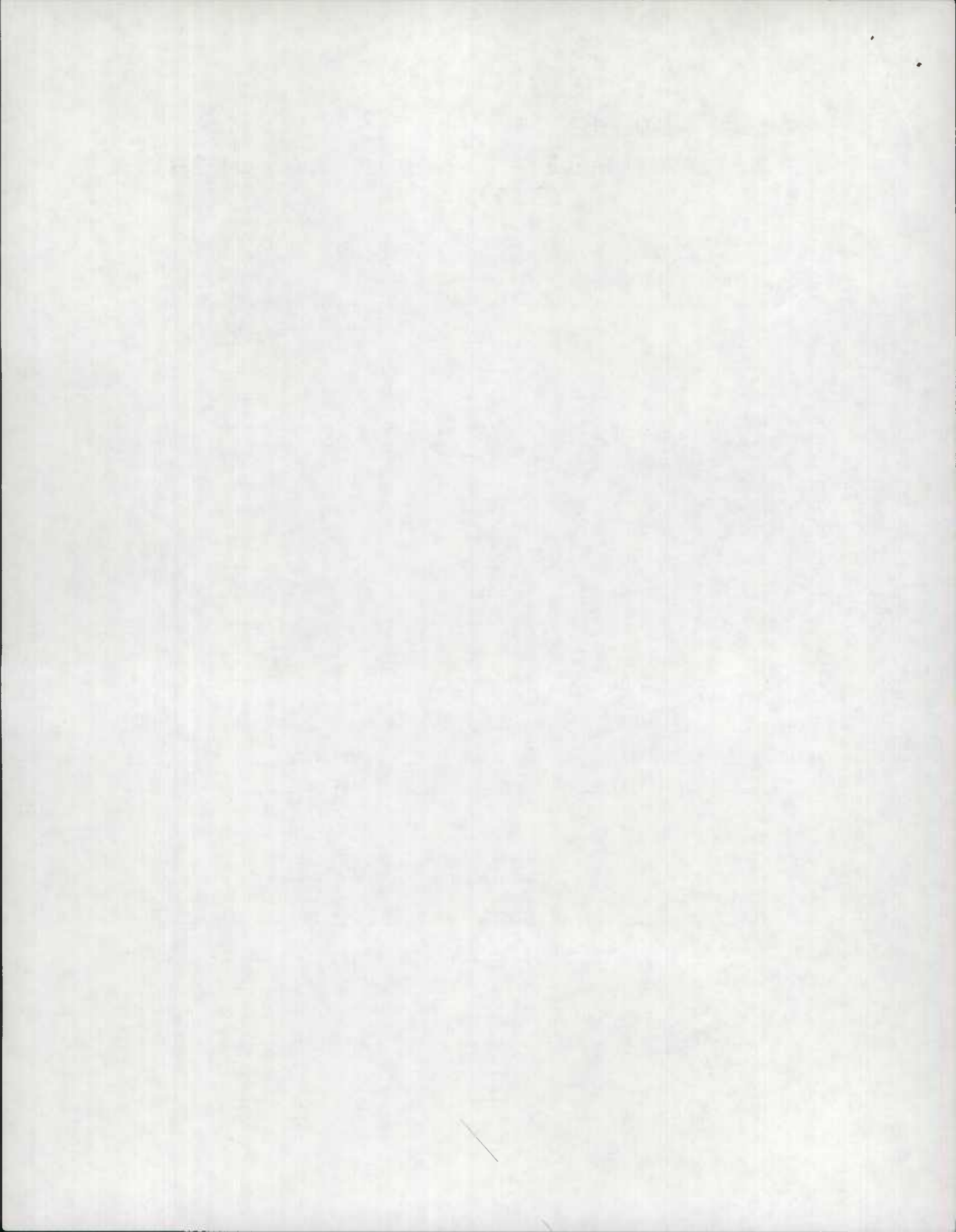
CO7

	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	_____	_____
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.	28+	_____	_____

GRADE:

pt(i) (0.0) pt(ii) (2.5, 0) pt(iii) (7.4, 0.9) 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>0.05</u>
b.	0.5-2.4	_____	_____
c.	2.5-4.4	<u>1</u>	<u>0.09</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 40

STARTING MILE POINT: 14.82

ENDING MILE POINT: 14.99

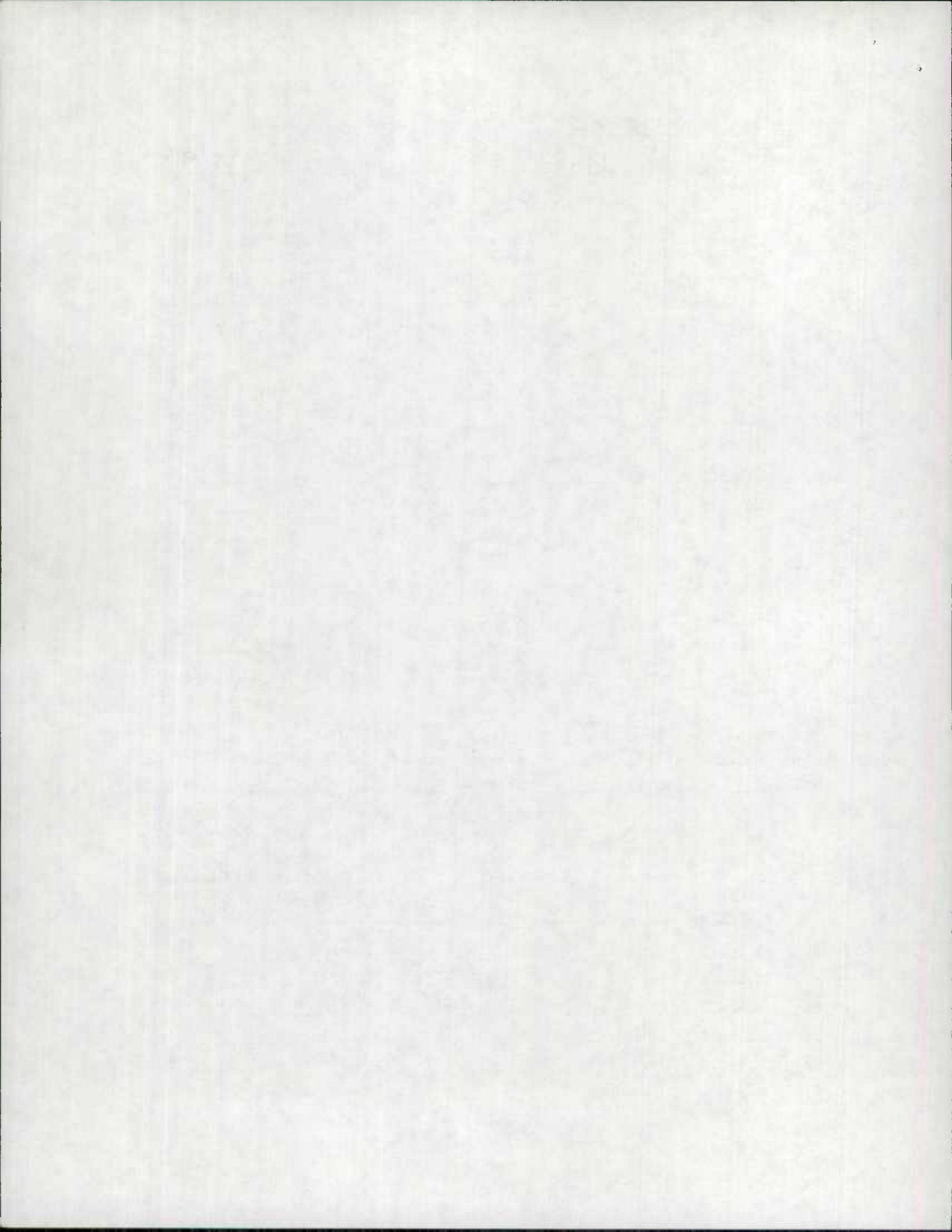
0.17

	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) (2.0) pt(ii) (2.6, 0.4) pt(iii) (90, 0.5) 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>0.12</u>
b.	0.5-2.4	_____	_____
c.	2.5-4.4	<u>1</u>	<u>0.05</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: 15.21 US 40

STARTING MILE POINT: 15.21

ENDING MILE POINT: 15.44

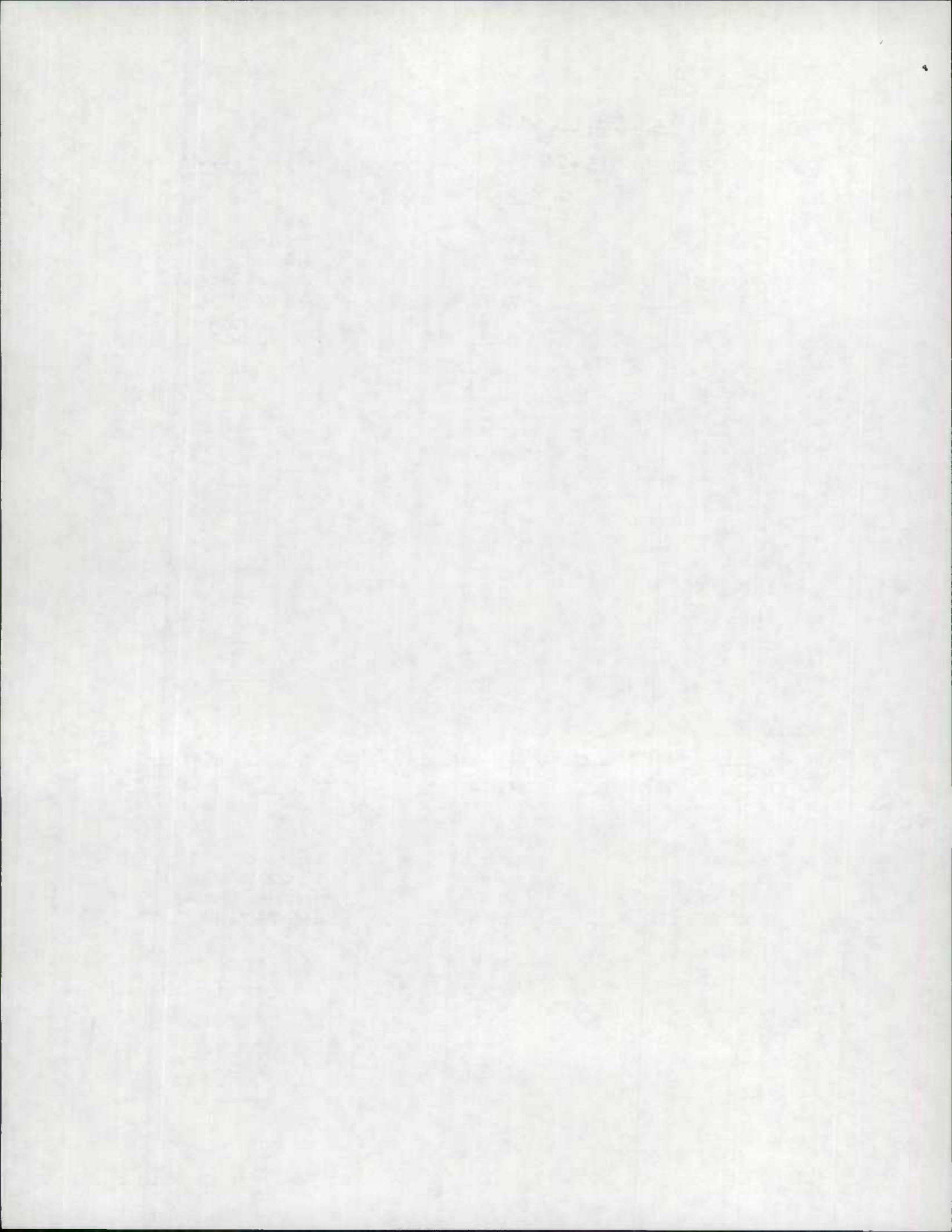
(0.23)

	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	→ <u>0.98</u>	<u>1</u>	<u>0.20</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) (6.7, 0.3) pt(iii) (12.1, 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>0.23</u>
c.	2.5-4.4	→	_____	_____
d.	4.5-6.4	→	_____	_____
e.	6.5-8.4	→	_____	_____
f.	8.5-	→	_____	_____



ROUTE NUMBER: US 40

STARTING MILE POINT: 15.44

ENDING MILE POINT: 15.83

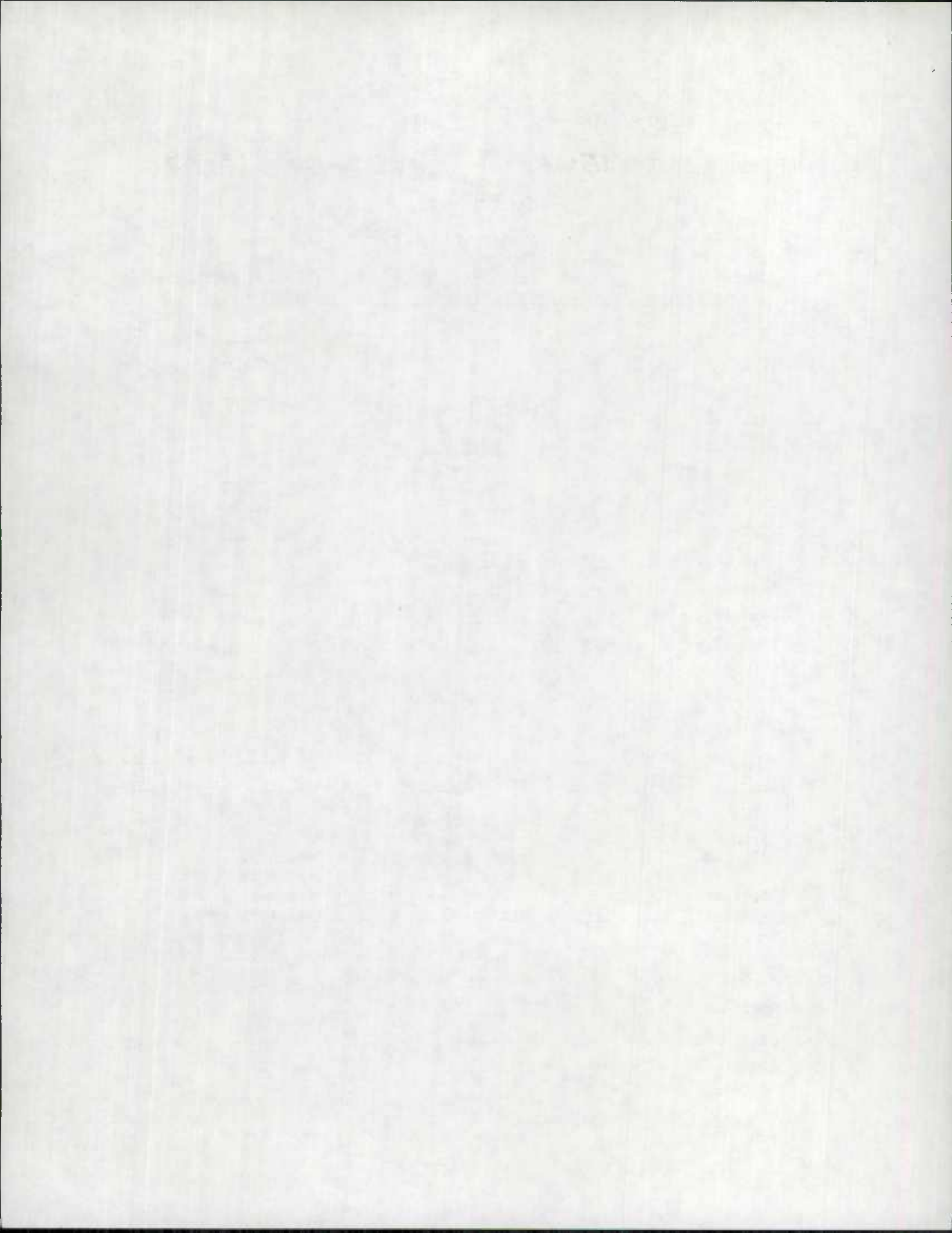
0.39

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	_____	_____
b. 0.5-1.4	0.92 → <u>1</u>	<u>0.39</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) (4.9, 0.4) pt (iii) (20.6, 0.7) 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>0.30</u>
b. 0.5-2.4	<u>1</u>	<u>0.09</u>
c. 2.5-4.4	_____	_____
d. 4.5-6.4	_____	_____
e. 6.5-8.4	_____	_____
f. 8.5-	_____	_____



ROUTE NUMBER: US 40

STARTING MILE POINT: 15.83

ENDING MILE POINT: 16.46

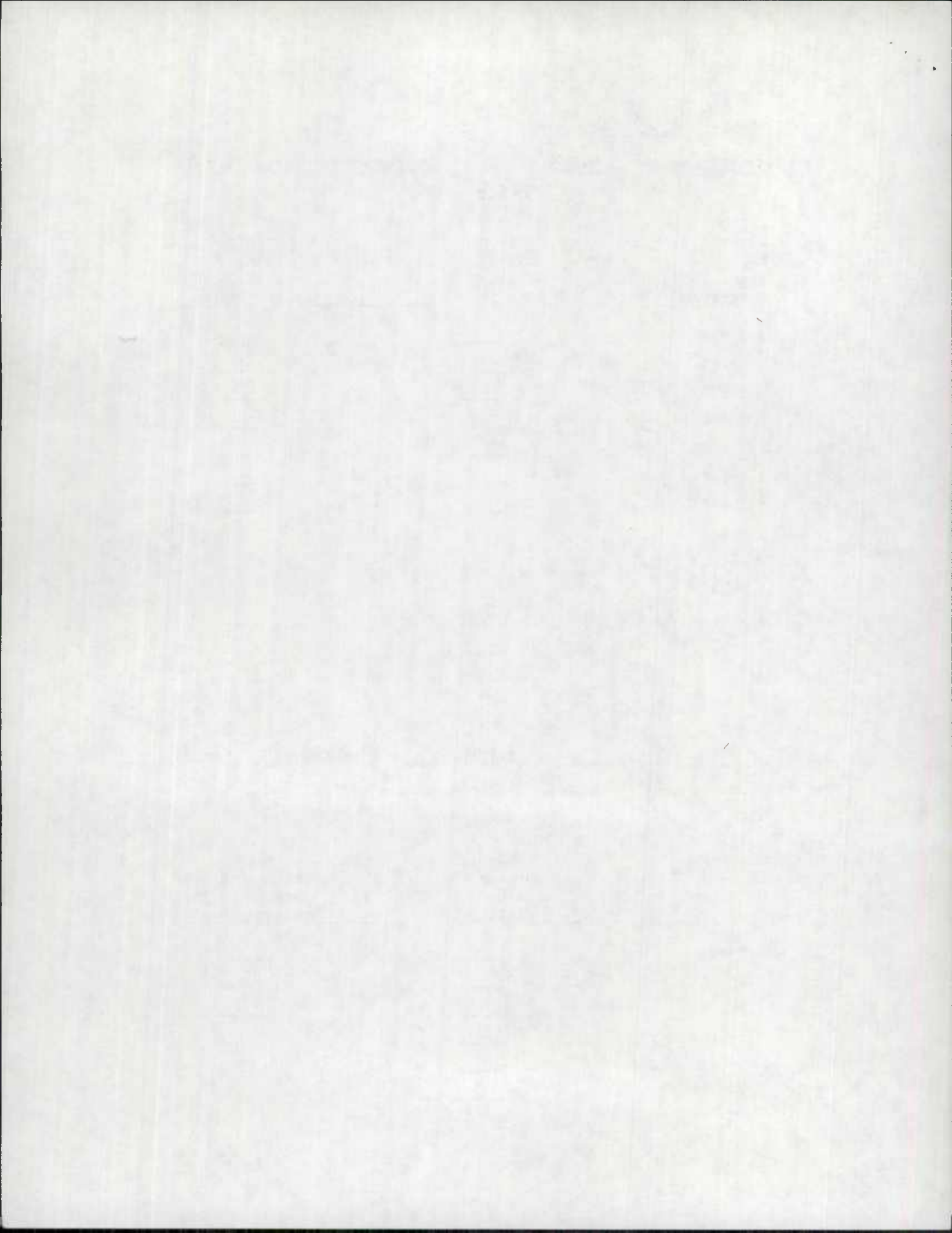
0.63

	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>0.63</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) (12.1, 0.7) pt (iii) (22.8, 0.8) pt (iv) (93.9, 2.1) 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>0.20</u>
b.	0.5-2.4	<u>2</u>	<u>0.43</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

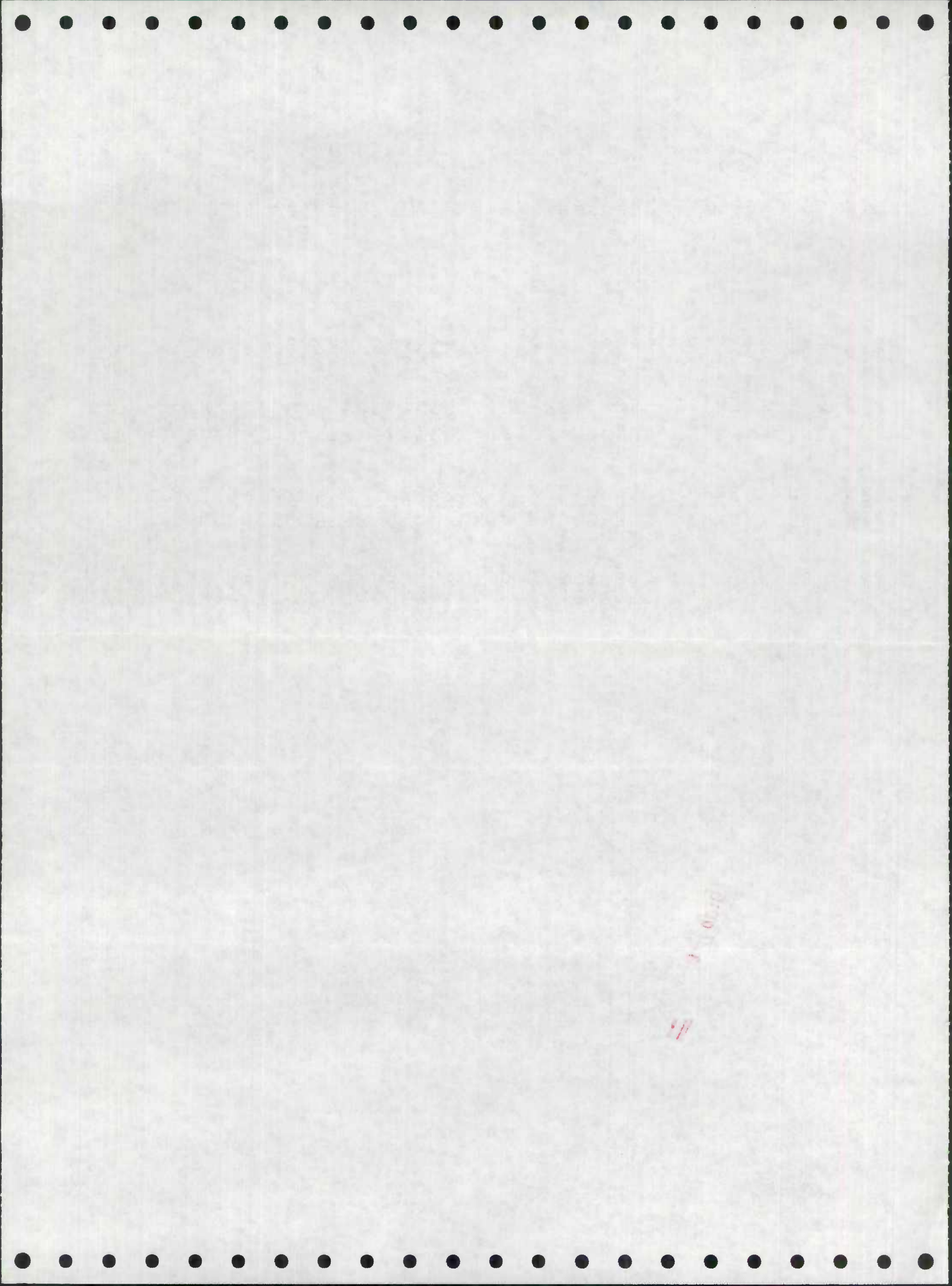


CO	PREFIX	ROUTE	SUFFIX	BEGIN	SECTION LENTH	END
CECIL COUNTY						
7	IS	95	000	01.98	00.41	02.39 ✓
7	IS	95	000	02.75	01.44	04.19 ✓
7	IS	95	000	08.02	00.29	08.31 ✓
7	IS	95	000	08.31	00.29	08.60 ✓
7	IS	95	000	08.99	08.22	17.21 ✓
7	IS	95	000	17.21	00.57	17.78 ✓
7	IS	95	000	17.78	00.78	18.56 ✓
7	MD	213	000	17.21	01.04	18.25 ✓
7	MD	213	000	18.25	00.12	18.37 ✓
7	MD	213	000	18.61	00.12	18.73 ✓
7	MD	213	000	19.04	00.15	19.19 ✓
7	MD	213	000	19.28	00.08	19.36 ✓
7	MD	213	000	19.36	00.02	19.38 ✓
7	MD	213	000	19.50	00.10	19.60 ✓
7	MD	213	000	19.60	00.09	19.69 ✓
7	MD	213	000	19.69	00.12	19.81 ✓
7	MD	213	000	19.81	00.08	19.89 ✓
7	MD	213	000	19.94	00.11	20.05 ✓
7	MD	213	000	20.05	00.13	20.18 ✓
7	MD	213	000	20.18	00.38	20.56 ✓
7	MD	272	000	14.31	00.30	14.61 ✓
7	MD	276	000	00.36	01.92	02.28 ✓
7	MD	279	000	00.40	00.20	00.60 ✓
7	MD	279	000	00.60	00.05	00.65 ✓
7	MD	279	000	00.65	00.43	01.08 ✓
7	MD	279	000	01.23	00.29	01.52 ✓
7	MD	279	000	01.52	00.19	01.71 ✓
7	MD	279	000	01.82	00.25	02.07 ✓
7	MD	279	000	02.07	01.28	03.35 ✓
7	MD	279	000	03.45	00.38	03.83 ✓
7	MD	279	000	03.83	01.14	04.97 ✓
7	US	1	000	00.00	00.45	00.45 ✓
7	US	1	000	00.45	00.08	00.53 ✓
7	US	1	000	00.53	00.37	00.90 ✓
7	US	1	000	00.90	00.16	01.06 ✓
7	US	1	000	01.06	00.21	01.27 ✓
7	US	1	000	01.27	00.09	01.36 ✓
7	US	1	000	01.36	00.10	01.46 ✓
7	US	1	000	01.46	00.08	01.54 ✓
7	US	1	000	01.54	01.20	02.74 ✓
7	US	1	000	05.33	00.17	05.50 ✓
7	US	1	000	06.78	00.90	07.68 ✓
7	US	40	000	00.00	00.58	00.58 ✓
7	US	40	000	08.52	00.06	08.58 ✓
7	US	40	000	08.58	00.31	08.89 ✓
7	US	40	000	13.71	00.03	13.74 ✓
7	US	40	000	13.74	00.07	13.81 ✓

9:00

H

CRP



02/06/92

SAMPLES FOR CURVES AND GRADES

CO	PREFIX	ROUTE	SUFFIX	BEGIN	SECTION LENTH	END
7	US	40	000	13.87	00.20	14.07
7	6 US	40	000	14.07	00.03	14.10
7	US	40	000	14.10	00.24	14.34
7	US	40	000	14.34	00.05	14.39
7	US	40	000	14.39	00.29	14.68
7	US	40	000	14.68	00.14	14.82
7	US	40	000	14.82	00.17	14.99
7	7 US	40	000	15.21	00.23	15.44
7	US	40	000	15.44	00.39	15.83
7	US	40	000	15.83	00.63	16.46

TOTAL NUMBER OF RECORDS: 57

