

SAMPLES FOR CURVES AND GRADES

01/20/92

PAGE 1

CO PREFIX ROUTE SUFFIX BEGIN SECTION LENTH END

ALLENGANY COUNTY

CO	PREFIX	ROUTE	SUFFIX	BEGIN	SECTION LENTH	END
1	IS	68	000	00.00	00.73	00.73
1	IS	68	000	01.54	00.66	02.20
1	IS	68	000	07.66	00.06	07.72
1	IS	68	000	07.72	00.28	08.00
1	IS	68	000	08.27	00.05	08.32
1	IS	68	000	08.32	00.46	08.78
1	IS	68	000	09.25	00.05	09.30
1	IS	68	000	09.30	00.12	09.42
1	IS	68	000	09.42	00.07	09.49
1	IS	68	000	10.64	00.52	11.16
1	IS	68	000	11.16	00.29	11.45
1	IS	68	000	11.45	00.08	11.53
1	IS	68	000	11.53	00.16	11.69
1	IS	68	000	12.44	00.02	12.46
1	IS	68	000	12.46	00.61	13.07
1	IS	68	000	13.31	00.34	13.65
1	IS	68	000	13.77	00.11	13.88
1	IS	68	000	14.11	00.29	14.40
1	IS	68	000	14.40	00.11	14.51
1	IS	68	000	14.51	00.14	14.65
1	IS	68	000	24.64	00.38	25.02
1	MD	35	000	00.03	01.84	01.87
1	MD	35	000	01.87	00.17	02.04
1	MD	35	000	02.04	00.04	02.08
1	MD	35	000	02.08	00.29	02.37
1	MD	36	000	14.08	00.32	14.40
1	MD	36	000	14.57	00.37	14.94
1	MD	36	000	17.54	00.05	17.59
1	MD	36	000	17.59	00.30	17.89
1	MD	36	000	17.89	00.06	17.95
1	MD	36	000	20.30	00.06	20.36
1	MD	36	000	20.36	00.76	21.12
1	MD	36	000	21.12	00.57	21.69
1	MD	36	000	21.69	00.05	21.74
1	MD	36	000	22.06	00.14	22.20
1	MD	36	000	25.10	00.35	25.45
1	MD	36	000	25.45	01.13	26.58
1	MD	51	000	00.08	00.35	00.43
1	MD	51	000	00.43	00.25	00.68
1	MD	51	000	00.68	00.05	00.73
1	MD	51	000	00.73	00.17	00.90
1	MD	51	000	01.79	00.75	02.54
1	MD	51	000	02.60	00.20	02.80
1	MD	51	000	02.80	00.18	02.98
1	MD	51	000	03.00	00.11	03.11
1	MD	51	000	03.11	00.14	03.25
1	MD	51	000	03.25	00.21	03.46
1	MD	51	000	03.46	00.29	03.75
1	MD	53	000	02.18	00.32	02.50

Scout
V - 2/18/92

Das.
Dr.

HPDA B/DAVE
US 40
US 48

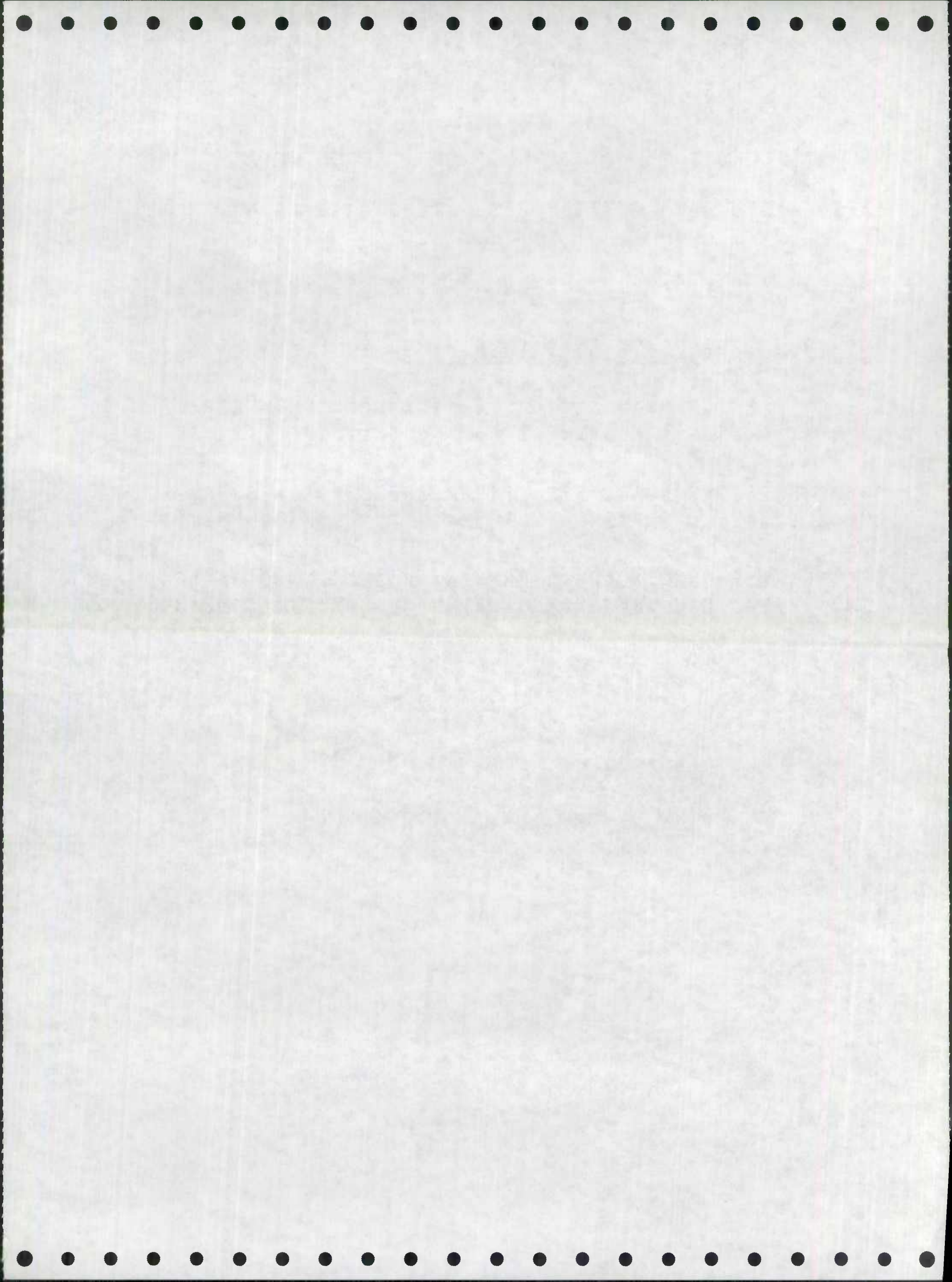
10(1)

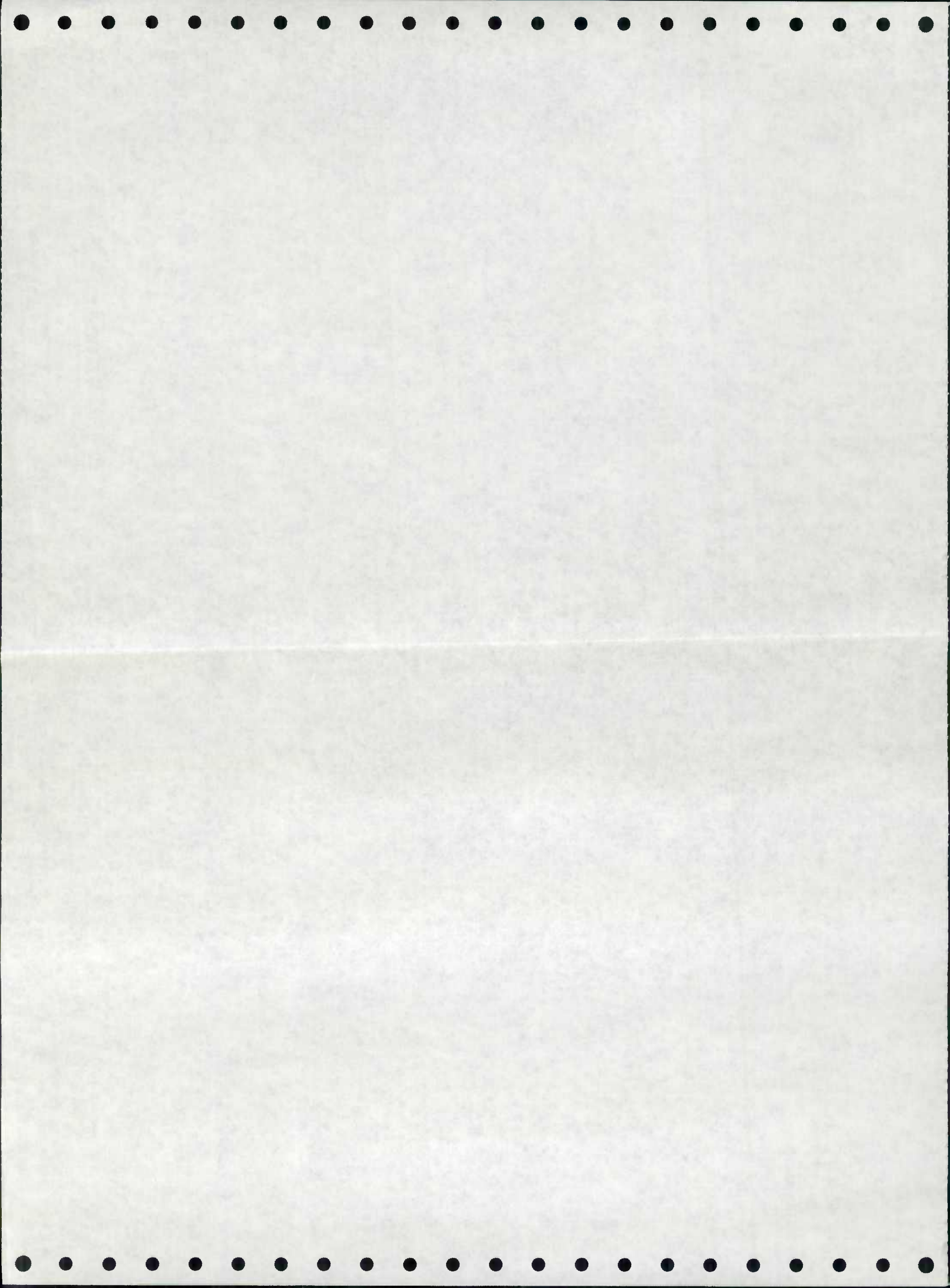
US 11 45
US 11 61

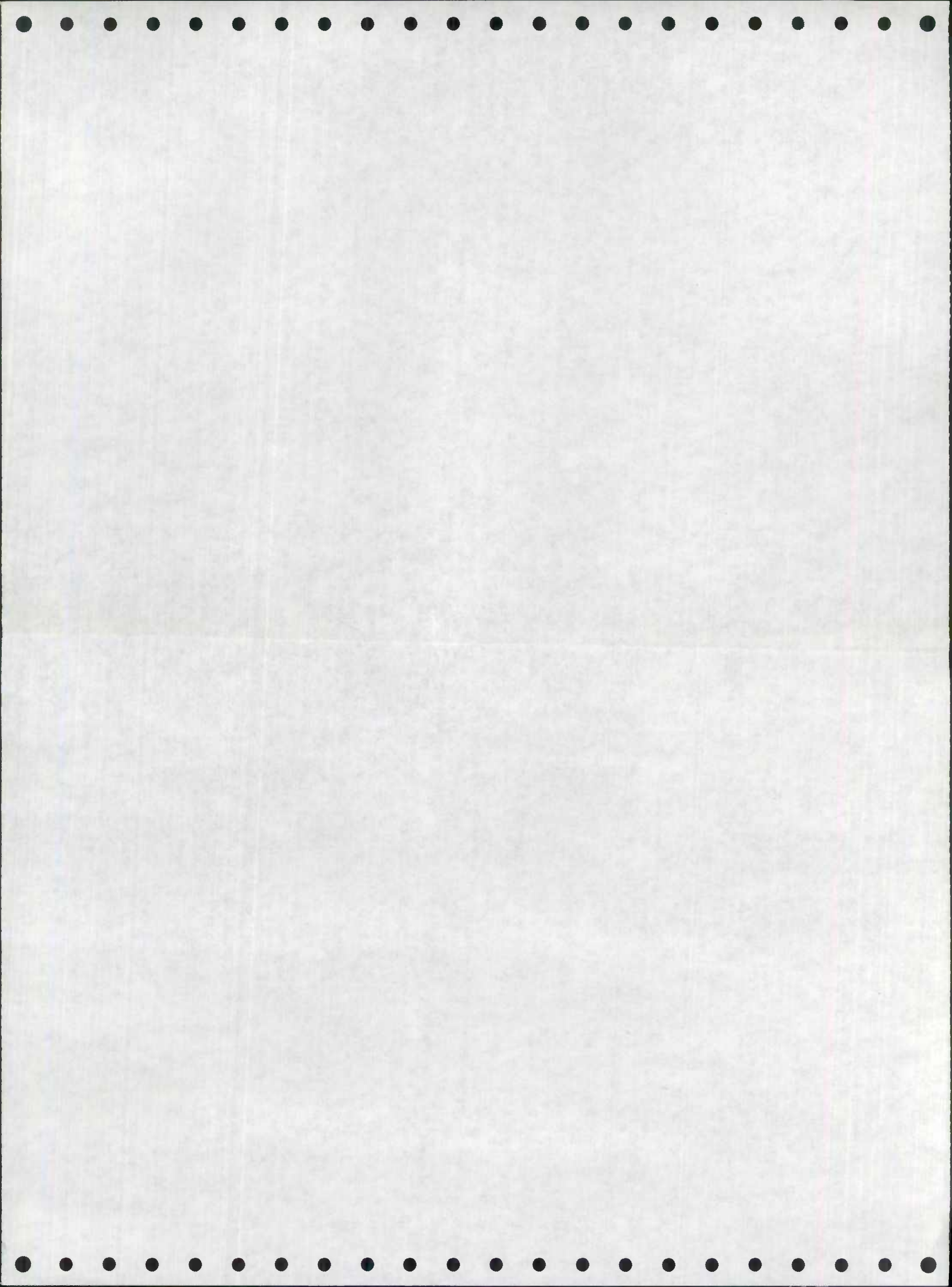
10(2)

10(3)

10(4)







CO	PREFIX	ROUTE	SUFFIX	BEGIN	SECTION LENTH	END
1	US	40	AL	01.48	00.05	01.53
1	US	40	AL	01.53	00.16	01.69
1	US	40	AL	01.69	00.11	01.80
1	US	40	AL	01.80	00.15	01.95
1	US	40	AL	01.95	00.12	02.07
1	US	40	AL	02.07	00.03	02.10
1	US	40	AL	02.10	00.20	02.30
1	US	40	AL	02.30	00.11	02.41
1	US	40	AL	06.97	00.05	07.02
1	US	40	AL	07.02	00.57	07.59
1	US	40	AL	09.20	00.24	09.44
1	US	40	AL	09.44	00.87	10.31
1	US	220	000	01.76	01.24	03.00
1	US	220	000	14.92	00.33	15.25
1	US	220	000	23.10	00.45	23.55
1	US	220	000	23.55	00.12	23.67
1	US	220	000	23.67	00.19	23.86
1	US	220	000	23.86	00.05	23.91
1	US	220	000	23.91	00.15	24.06
1	US	220	000	24.06	00.15	24.21
1	US	220	000	24.21	00.09	24.30
1	US	220	000	24.30	02.57	26.87
1	US	220	000	26.87	00.12	26.99
1	US	220	000	26.99	00.38	27.37

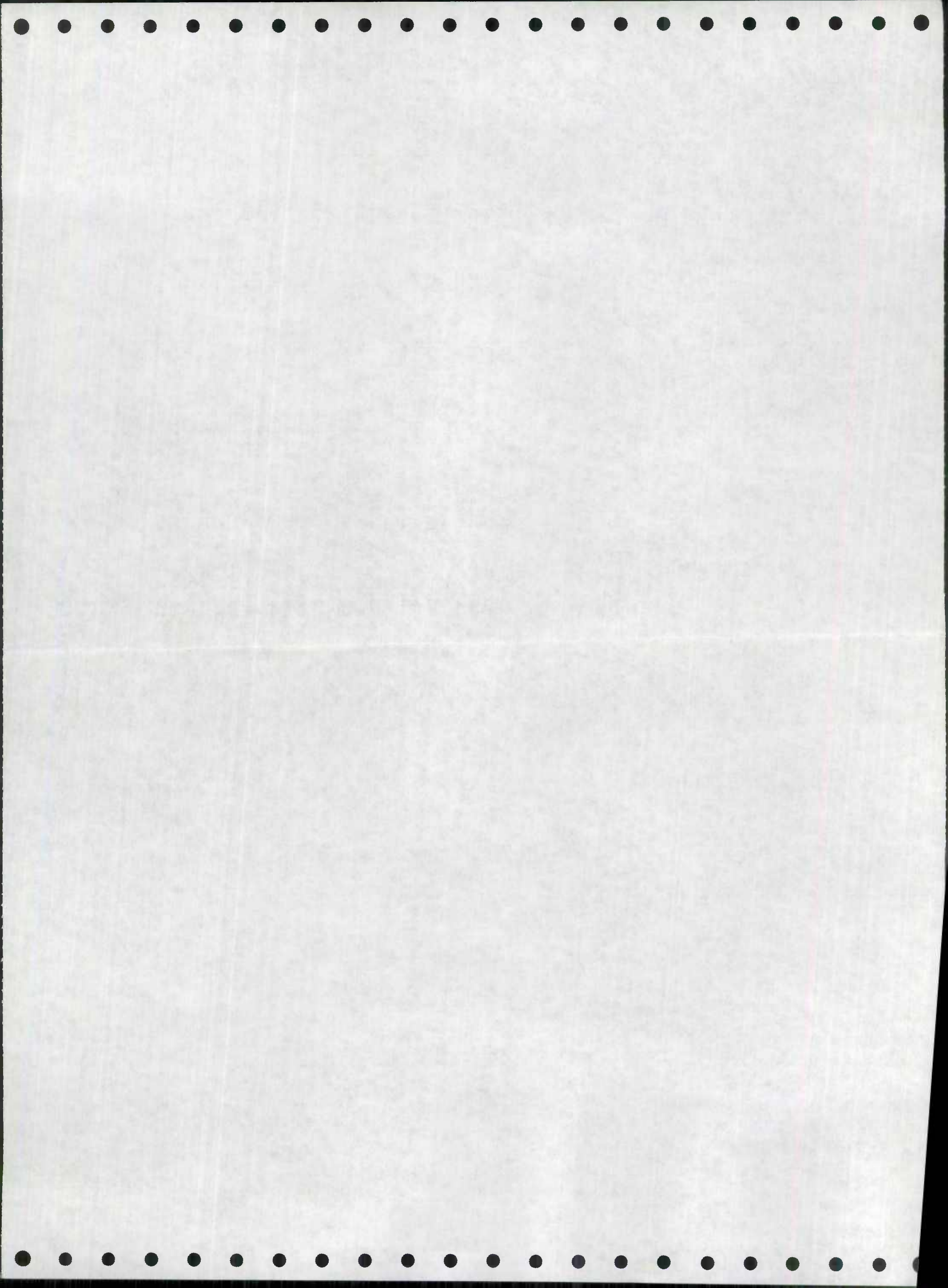
10(5)

10(6)

10(7)

3

TOTAL NUMBER OF RECORDS: 73



Vertical - Proj: Jan 1/23 PM

6/22

ROUTE NUMBER: IS 68 (us 48)

STARTING MILE POINT: 0.0

ENDING MILE POINT: .73

.73

Horizontal

	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>0.18</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	<u>1</u>	<u>0.55</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+	_____	_____

Vertical

GRADE:

pt(i) (0,0) pt(ii) (61-2.1) pt(iii) (13.7, -6.82) pt(iv) (33.45, -12.25) 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	<u>3</u>	<u>0.73</u>
f.	8.5-	_____	_____

GRAVITY AND TEMPERATURE

WIND VELOCITY

Time	Direction	Force	Temperature	Gravity
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

Notes: _____

Time	Direction	Force	Temperature	Gravity
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

U.S. 111

ROUTE NUMBER: FS 68 (US 45)

STARTING MILE POINT: 1.54

ENDING MILE POINT: 2.20

	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>0.40</u>
b.	0.5-1.4	<u>1</u>	<u>0.26</u>
c.	1.5-2.4	<u>1</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>

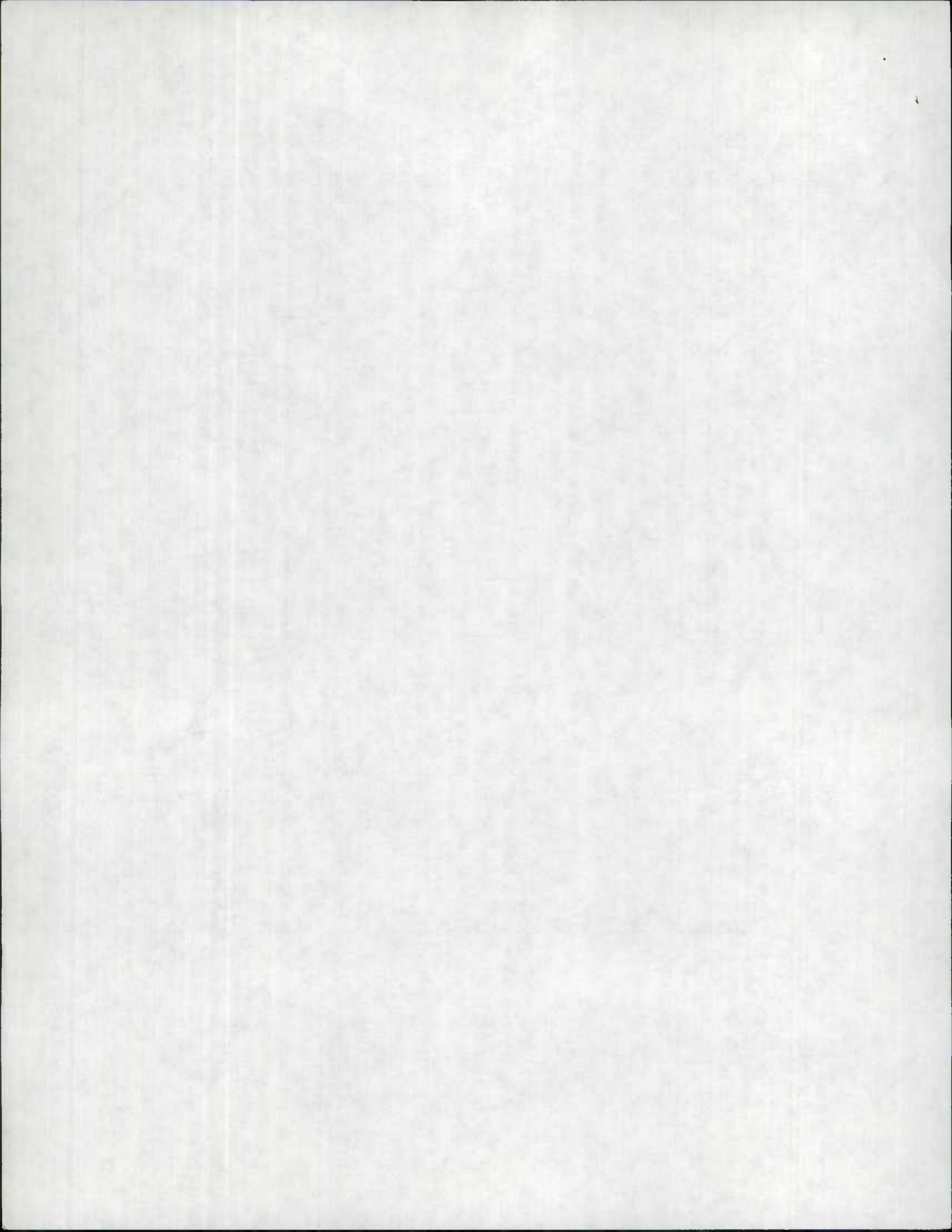
(0.66)

GRADE:

pt (i) (0.0) pt (ii) (6.25, -2.6) pt (iii) (7.9, -4.4) pt (iv) (30.45, -8.75) 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>0.26</u>
d.	4.5-6.4	<u> </u>	<u> </u>
e.	6.5-8.4	<u>2</u>	<u>0.40</u>
f.	8.5-	<u> </u>	<u> </u>



ROUTE NUMBER: 1568 (0548)

STARTING MILE POINT: 7.66

ENDING MILE POINT: 7.72

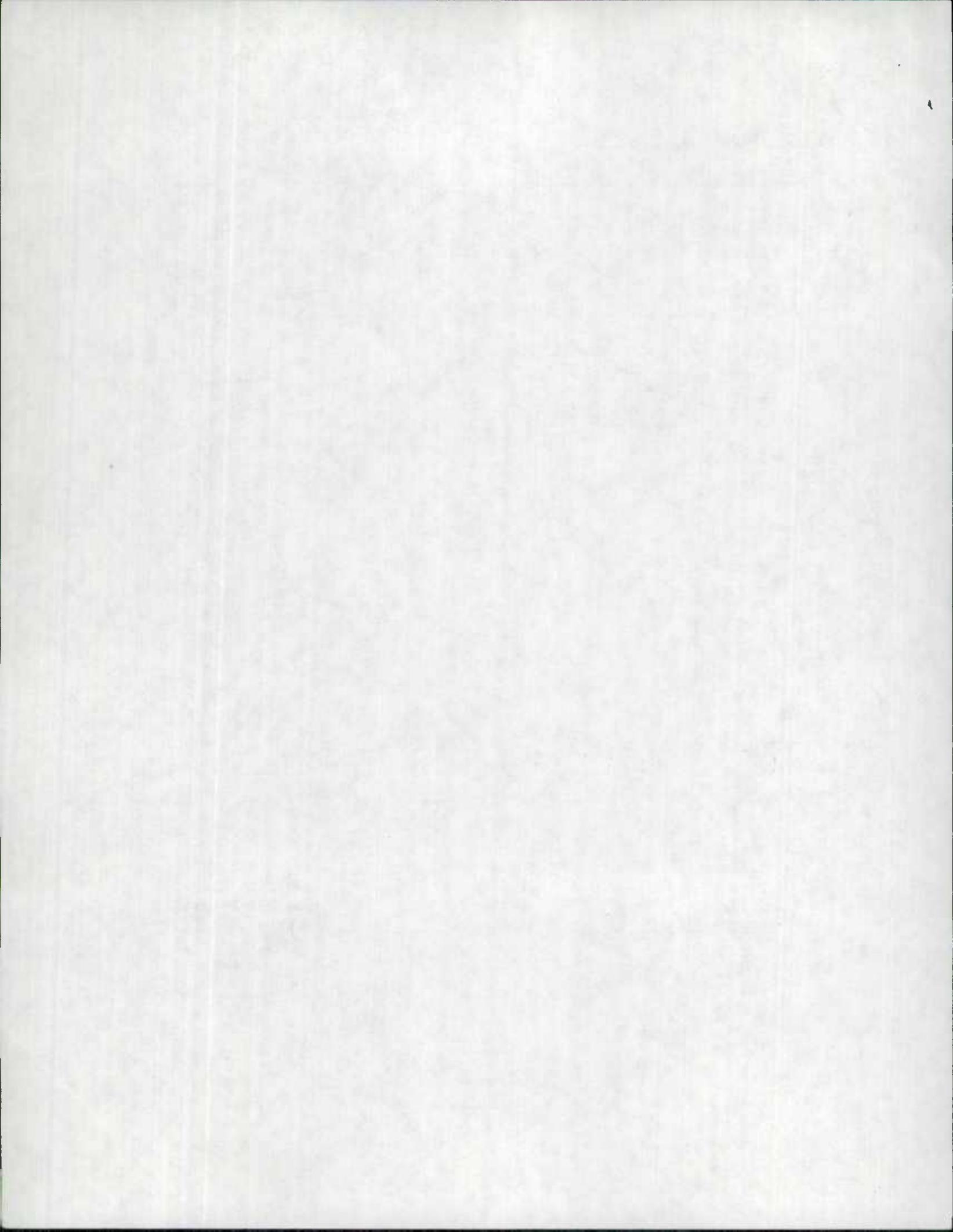
	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.06</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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+	_____	_____

(0.06)

GRADE:

pt (i) (0.10) pt (ii) (1.58, -1.03) 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-	<u>1</u>	<u>0.06</u>



ROUTE NUMBER: IS 68 (US HS)

STARTING MILE POINT: 7.72

ENDING MILE POINT: 8.00

(0.28)

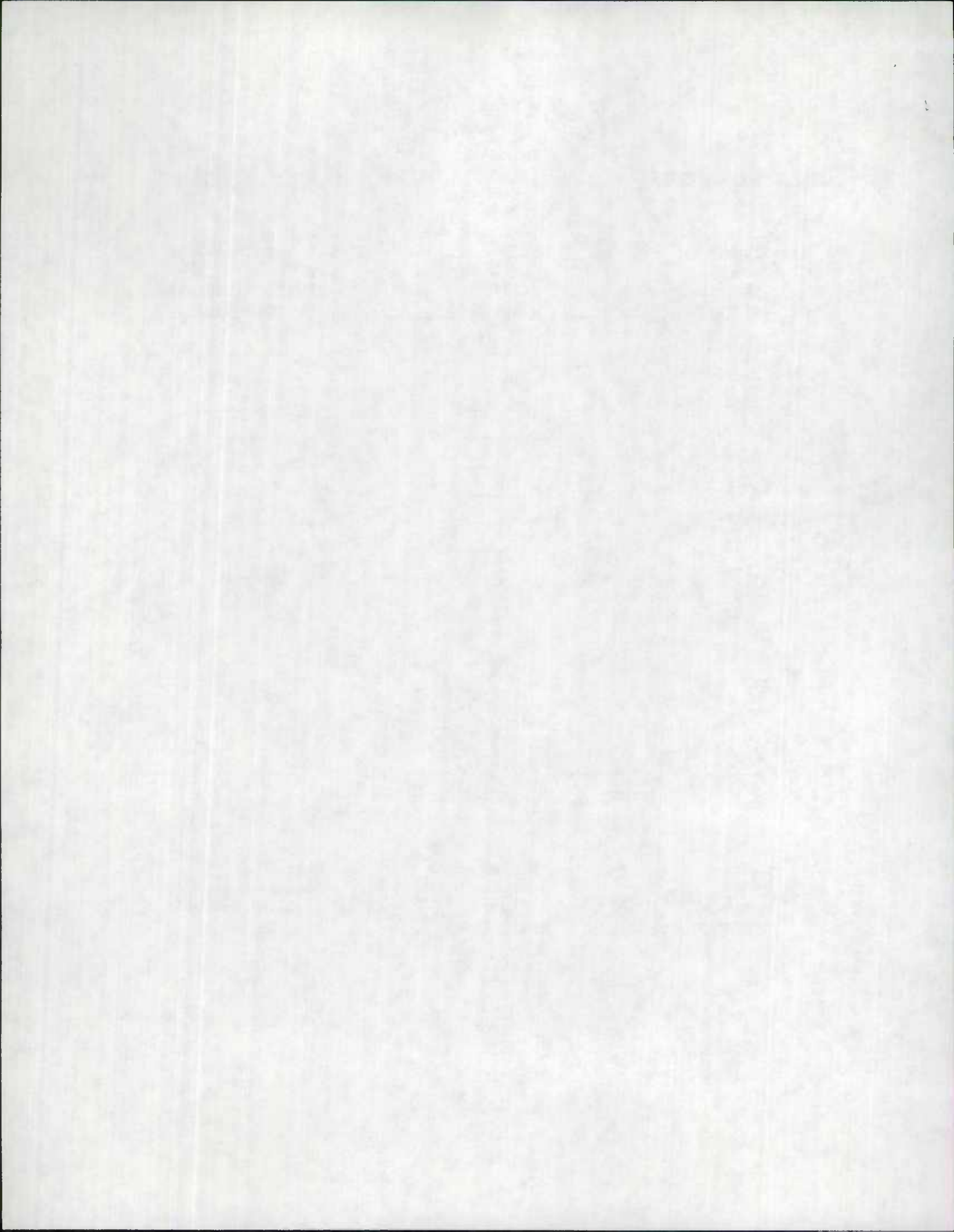
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.00</u>
b.	0.5-1.4	<u>1</u>	<u>0.19</u>
c.	1.5-2.4 <i>2.13</i>	<u>1</u>	<u>0.09</u>
d.	2.5-3.4 <i>2.49</i>	<u>1</u>	<u>0.09</u>
e.	3.5-4.4	<u> </u>	<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) (10.5, -3.8) pt (iii) (14.7, -5.2) 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	<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>2</u>	<u>0.28</u>
f.	8.5-	<u> </u>	<u> </u>



ROUTE NUMBER: 7568 (US48)

STARTING MILE POINT: 8.27

ENDING MILE POINT: 8.32

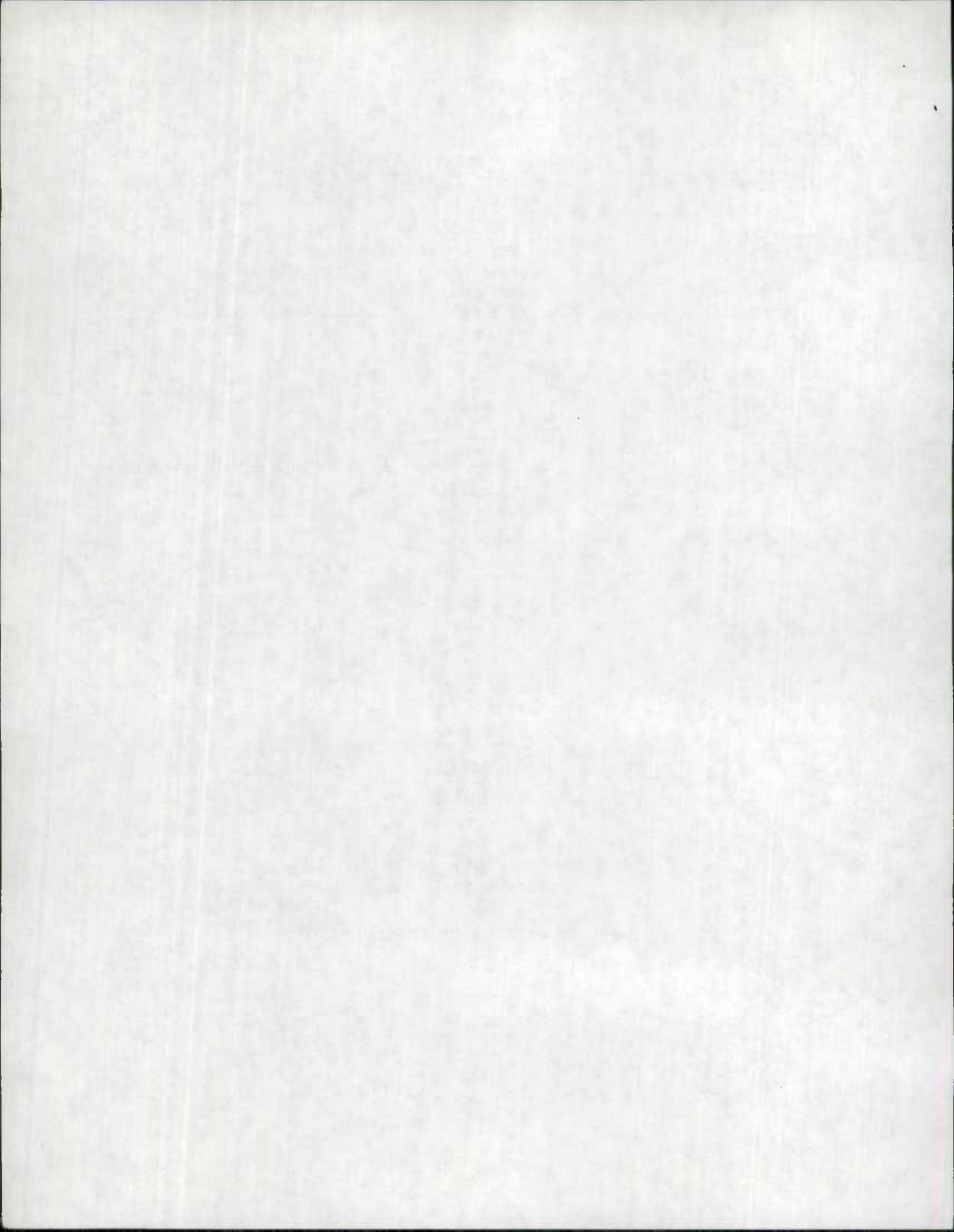
(0.05)

	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) (0.10) pt (ii) (2.06, -0.17) 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: IS 68 (VS 48)

STARTING MILE POINT: 08.32

ENDING MILE POINT: 8.78

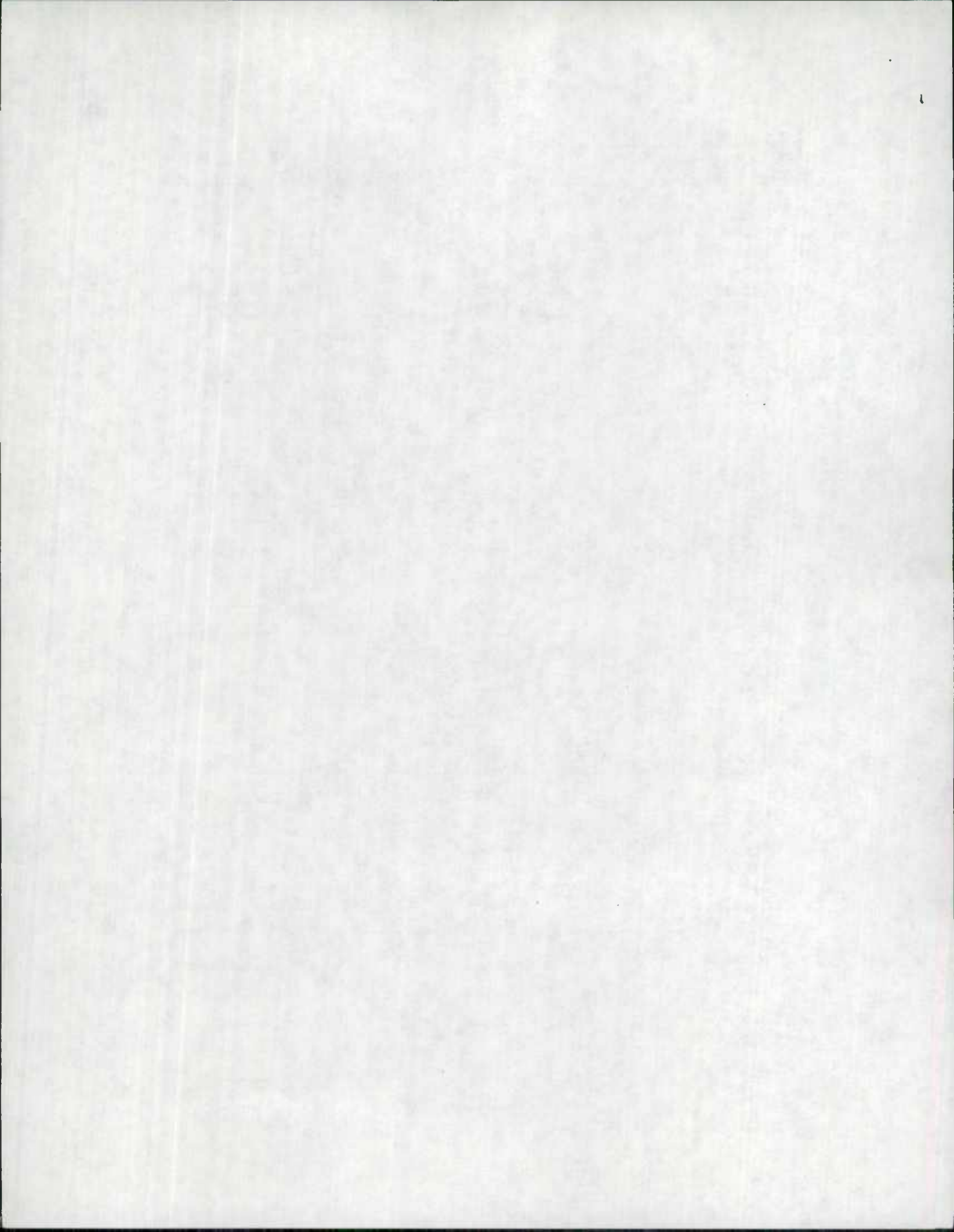
0.46

	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>0.34</u>
b.	0.5-1.4	<u>1</u>	<u>0.12</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) 0.10 pt (ii) (7.25, -0.4) pt (iii) (19.9, -0.3) pt (iv) (24.3, 0.55) 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>0.23</u>
b.	0.5-2.4	<u>1</u>	<u>0.14</u>
c.	2.5-4.4	<u>1</u>	<u>0.09</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 63 (US 43)

STARTING MILE POINT: 9.25

ENDING MILE POINT: 9.30

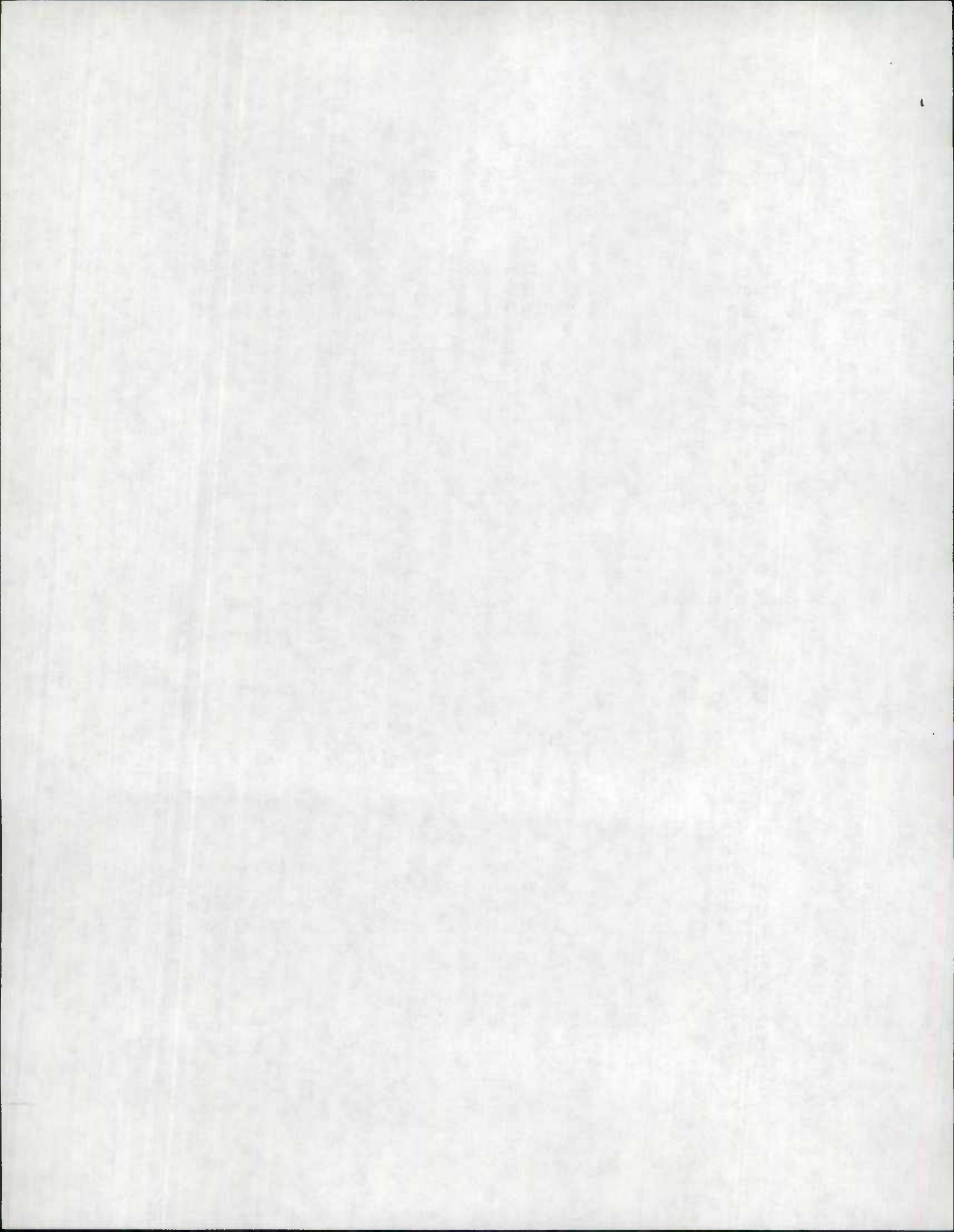
(0.05)

	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) (1.3, 0.33) 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	<u>1</u>	<u>0.05</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: Is 65 (Us 45)

STARTING MILE POINT: 9.30

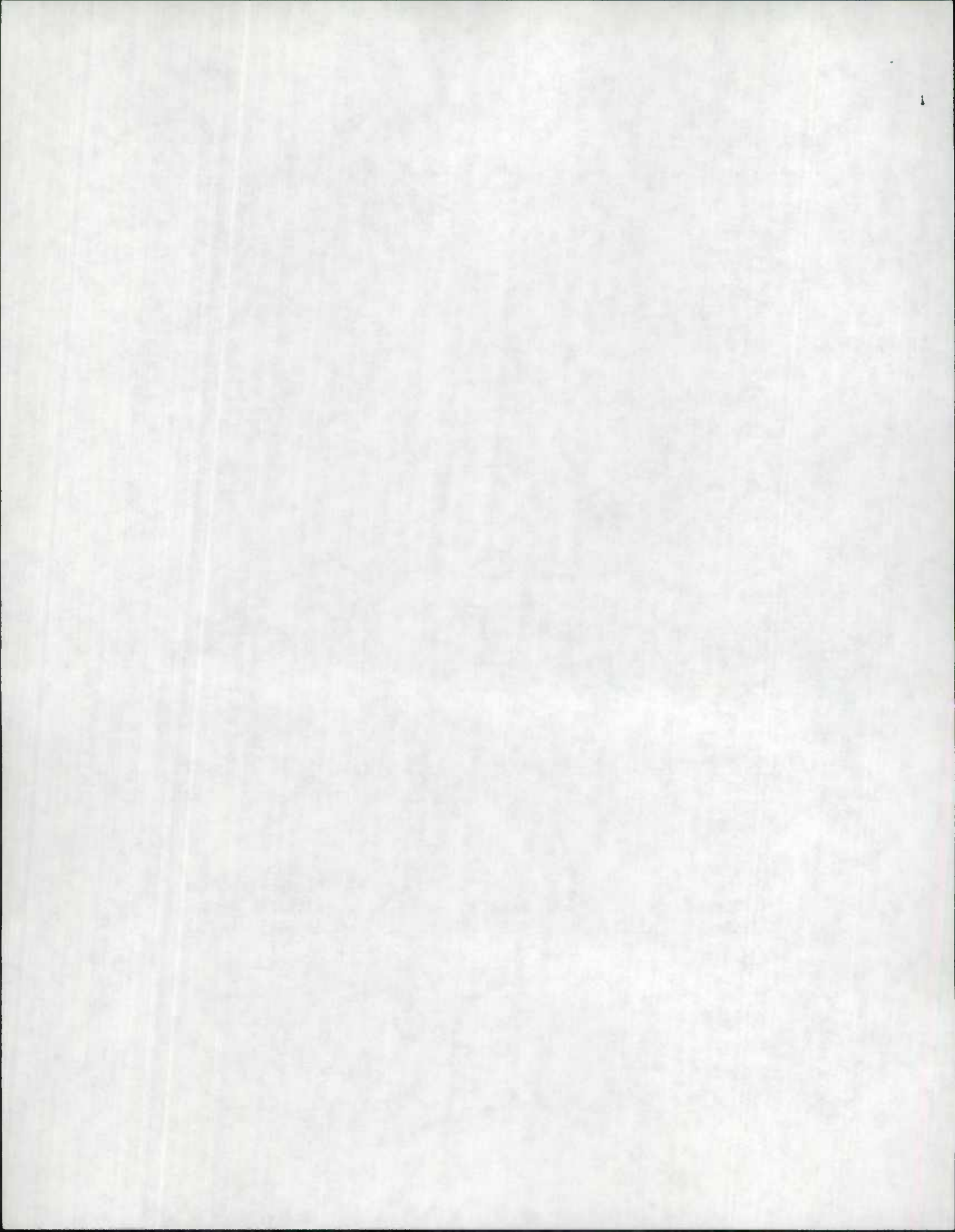
ENDING MILE POINT: 9.42

L
(0.12)

	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) (6.31, 1.1) 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	_____	_____
c.	2.5-4.4	<u>1</u>	<u>0.12</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: IS 68 (US. 48)

STARTING MILE POINT: 9.42

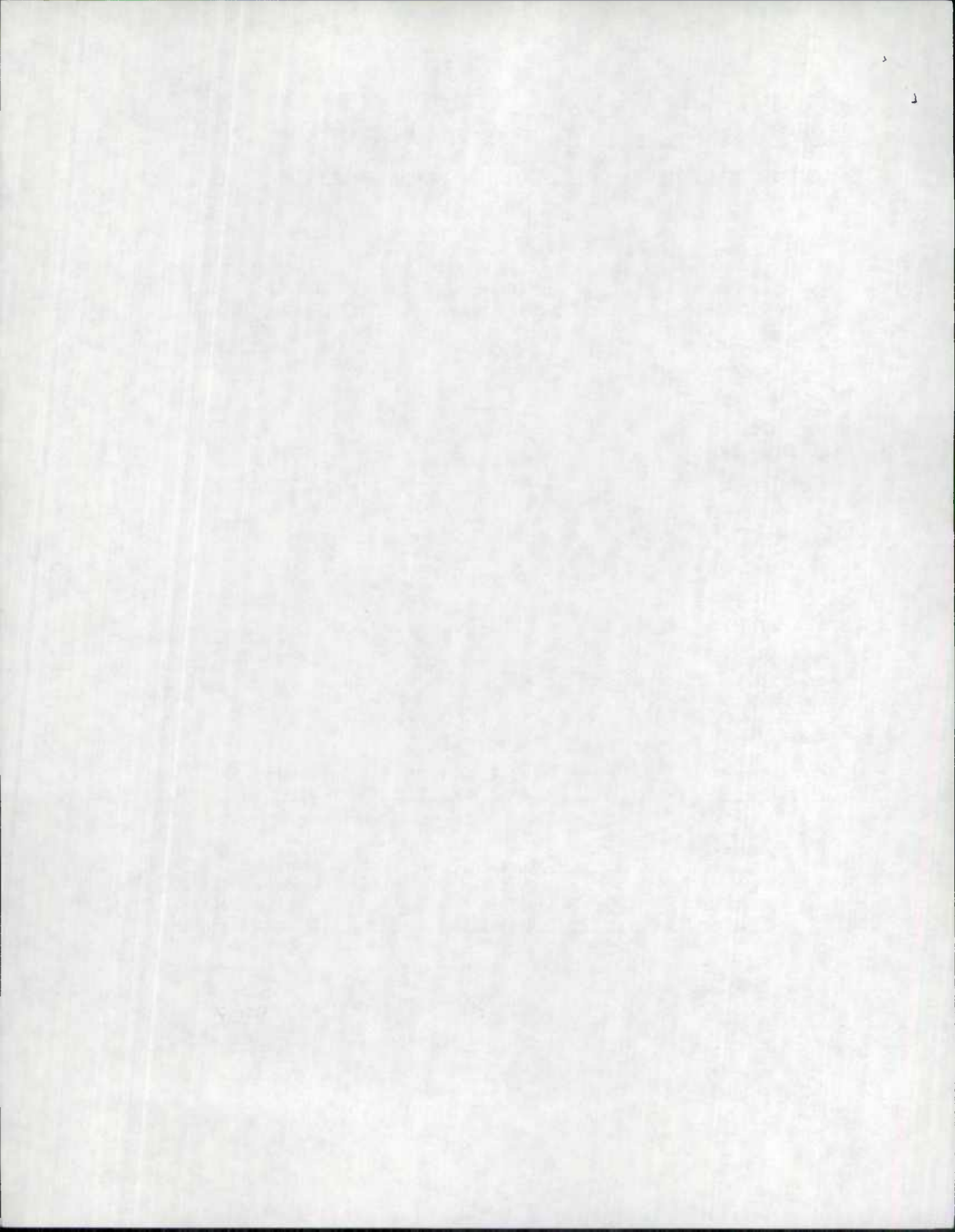
ENDING MILE POINT: 9.49

	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	_____	_____
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>0.07</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) (3.7, 0.52) 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>0.07</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: IS 68 (US 48)

STARTING MILE POINT: 10.64

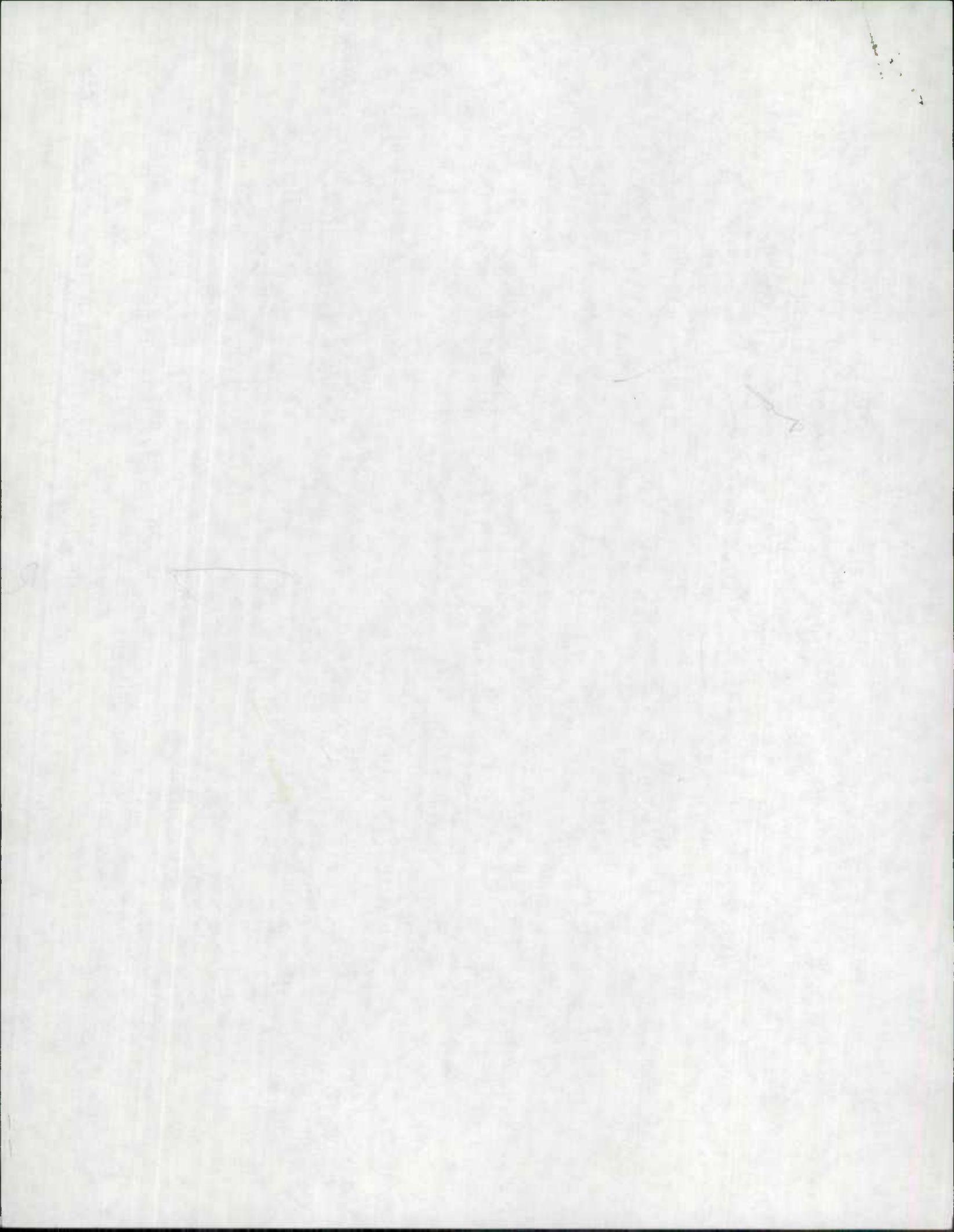
ENDING MILE POINT: 11.16 (0.52)

	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>0.52</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) (9.821-3.9) pt (iii) (94.32, -5.3) pt (iv) (27.4, -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>1</u>	<u>0.28</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	<u>1</u>	<u>0.06</u>
e.	6.5-8.4	_____	_____
f.	8.5-	<u>1</u>	<u>0.18</u>



2
10
last 4.7
check it
+1-3

✓ -1/23
check

ROUTE NUMBER: IS 68 (US 45)

STARTING MILE POINT: 11.16

ENDING MILE POINT: 11.45

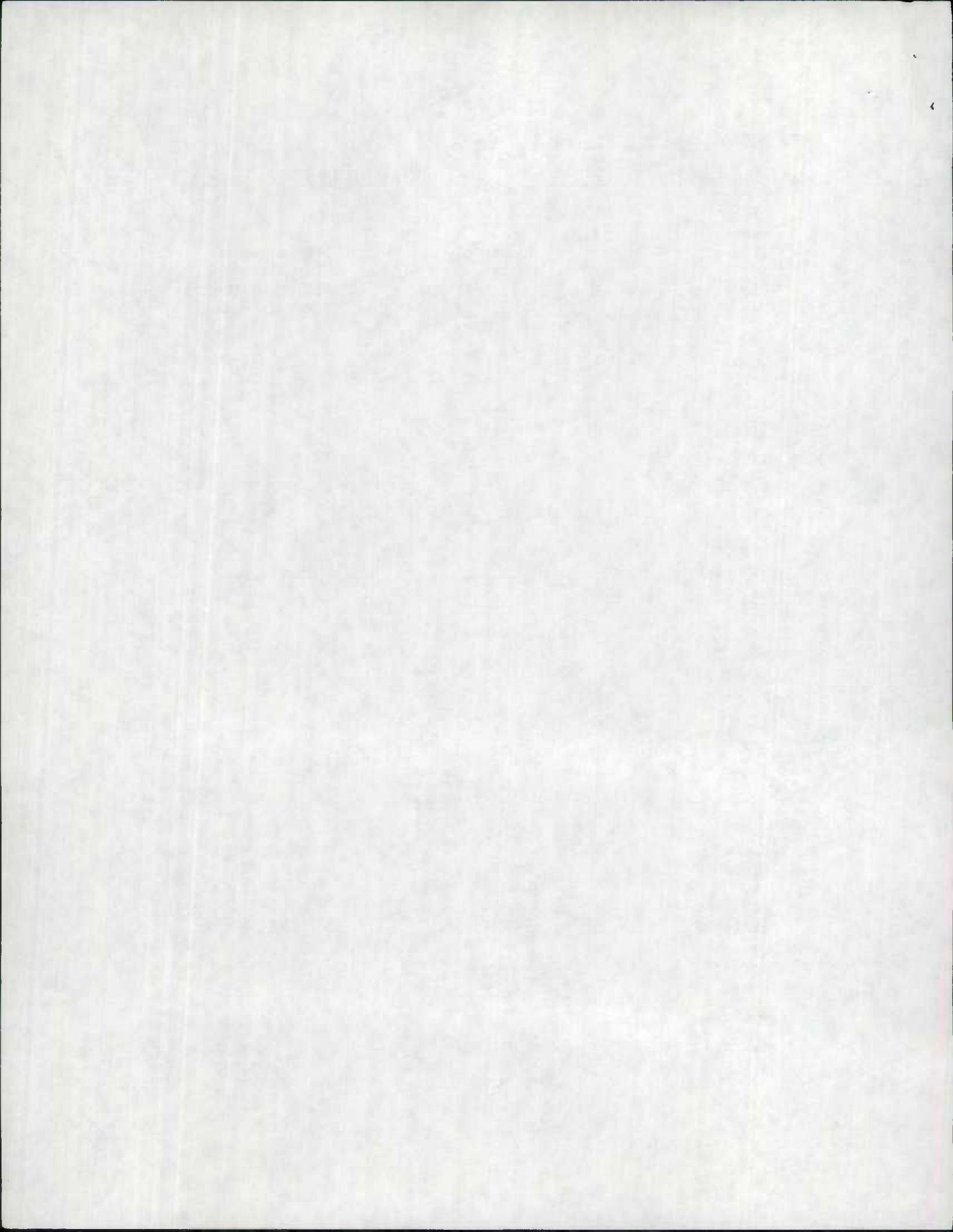
(0.29)

	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>0.09</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) (6.1, -1.9) pt (iii) (9.95, -3.65) pt (iv) (15.2, -5.45) 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	<u>1</u>	<u>0.12</u>
e.	6.5-8.4	<u>1</u>	<u>0.10</u>
f.	8.5-	<u>1</u>	<u>0.07</u>



ROUTE NUMBER: IS 68 (US 18)

STARTING MILE POINT: 11.45

ENDING MILE POINT: 11.53

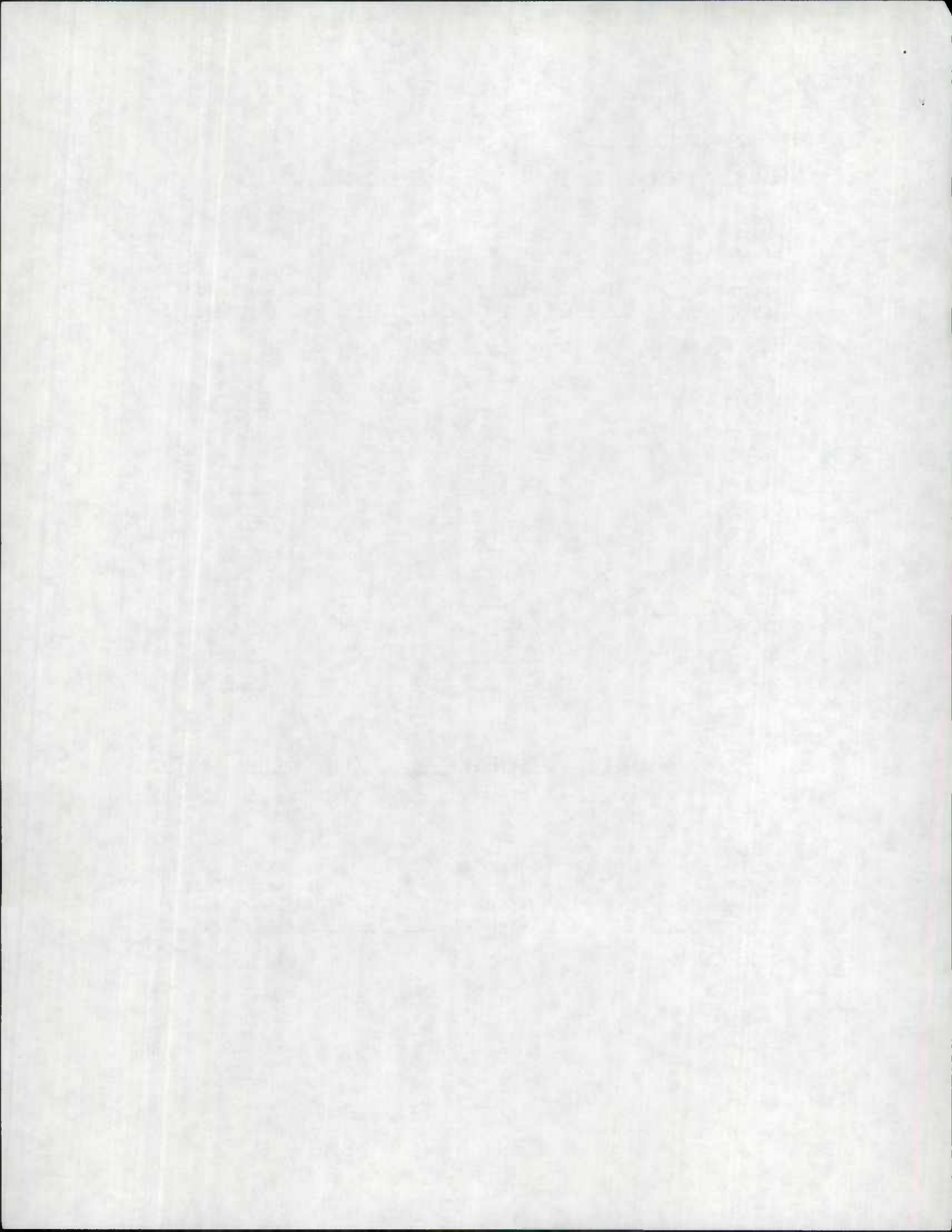
(0.08)

	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) (0.0) pt (ii) (4.2, -1.4) 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	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	<u>1</u>	<u>0.08</u>
f.	8.5-	_____	_____



US48
11.45

ROUTE NUMBER: IS 68 (US 45)

(0.16)

STARTING MILE POINT: 11.53

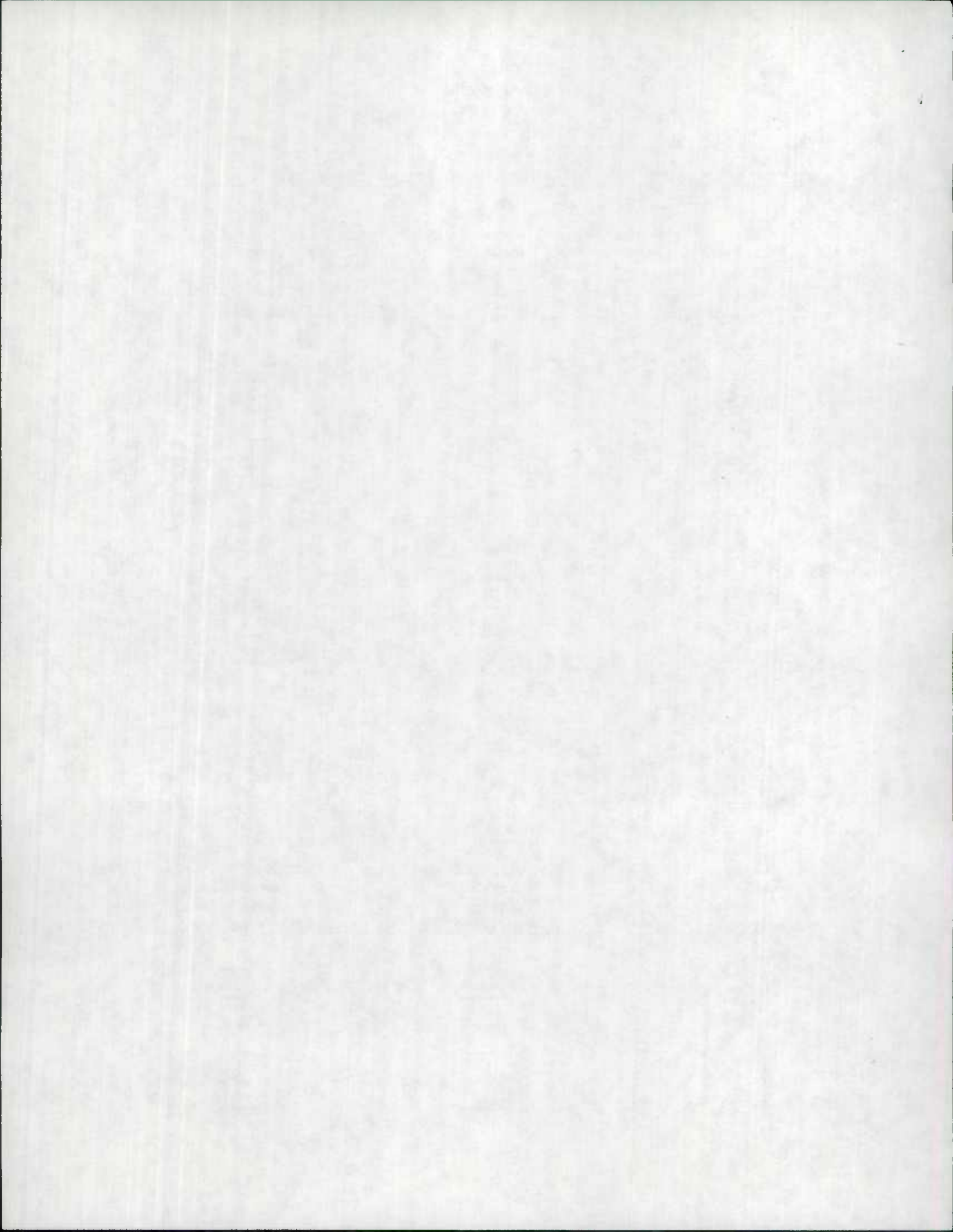
ENDING MILE POINT: 11.69

	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	_____	_____
c.	1.5-2.4	<u>1</u>	<u>0.16</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) (8.0, -2.9) 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	<u>1</u>	<u>0.16</u>
f.	8.5-	_____	_____



ROUTE NUMBER: IS 65 (US 45)

STARTING MILE POINT: 12.44

ENDING MILE POINT: 12.46

(0.02)

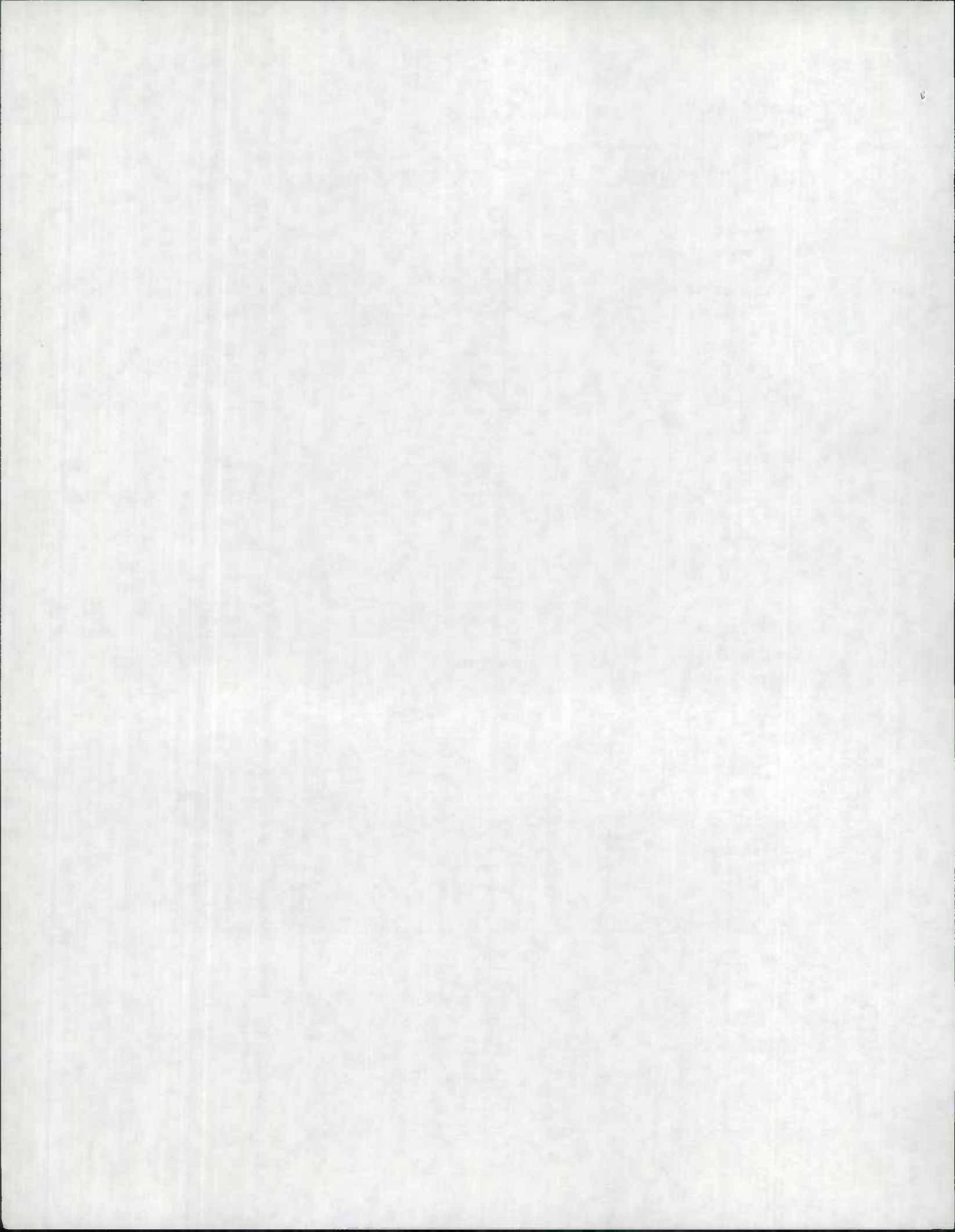
	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.02</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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) (1.05, -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	_____	_____
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: IS 68 (us 48)

STARTING MILE POINT: 12.46

ENDING MILE POINT: 13.07 (0.61)

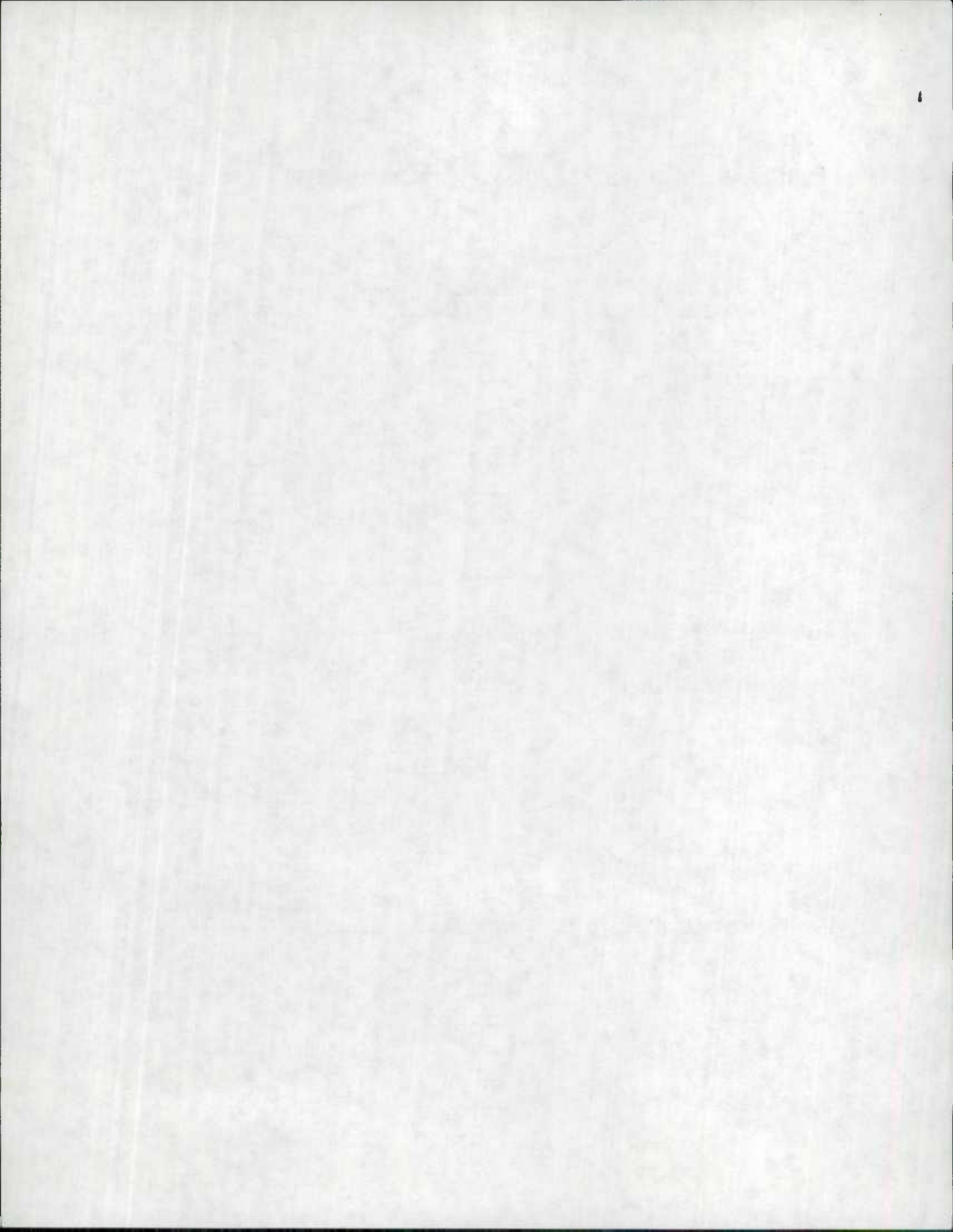
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>2</u>	<u>0.18</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	¹⁸ 2.5-3.4	<u>1</u>	<u>0.13</u>
e.	^{13.6} 3.5-4.4	<u>1</u>	<u>0.20</u>
f.	^{11.7} 4.5-5.4	<u>1</u>	<u>0.10</u>
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	<u>1</u>	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (0,0) pt (ii) (7.1, -1.85) pt (iii) (17.7, -1.02) pt (iv) (23.5, -2.4) pt (v) (32.4, 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>1</u>	<u>20</u>
c.	2.5-4.4	<u>1</u>	<u>17</u>
d.	4.5-6.4	<u>2</u>	<u>20</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: IS 68 (US 43)

15.141
9.77
14.11

STARTING MILE POINT: 13.31

ENDING MILE POINT: 13.65

0.34

	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	<u>1</u>	<u>0.12</u>
g.	5.5-6.9	<u>1</u>	<u>0.07</u>
h.	7.0-8.4	—	—
i.	8.5-10.9	<u>1</u>	<u>0.09</u>
j.	11.0-13.9	—	—
k.	14.0-19.4	—	—
l.	19.5-27.9	—	—
m.	23+	—	—

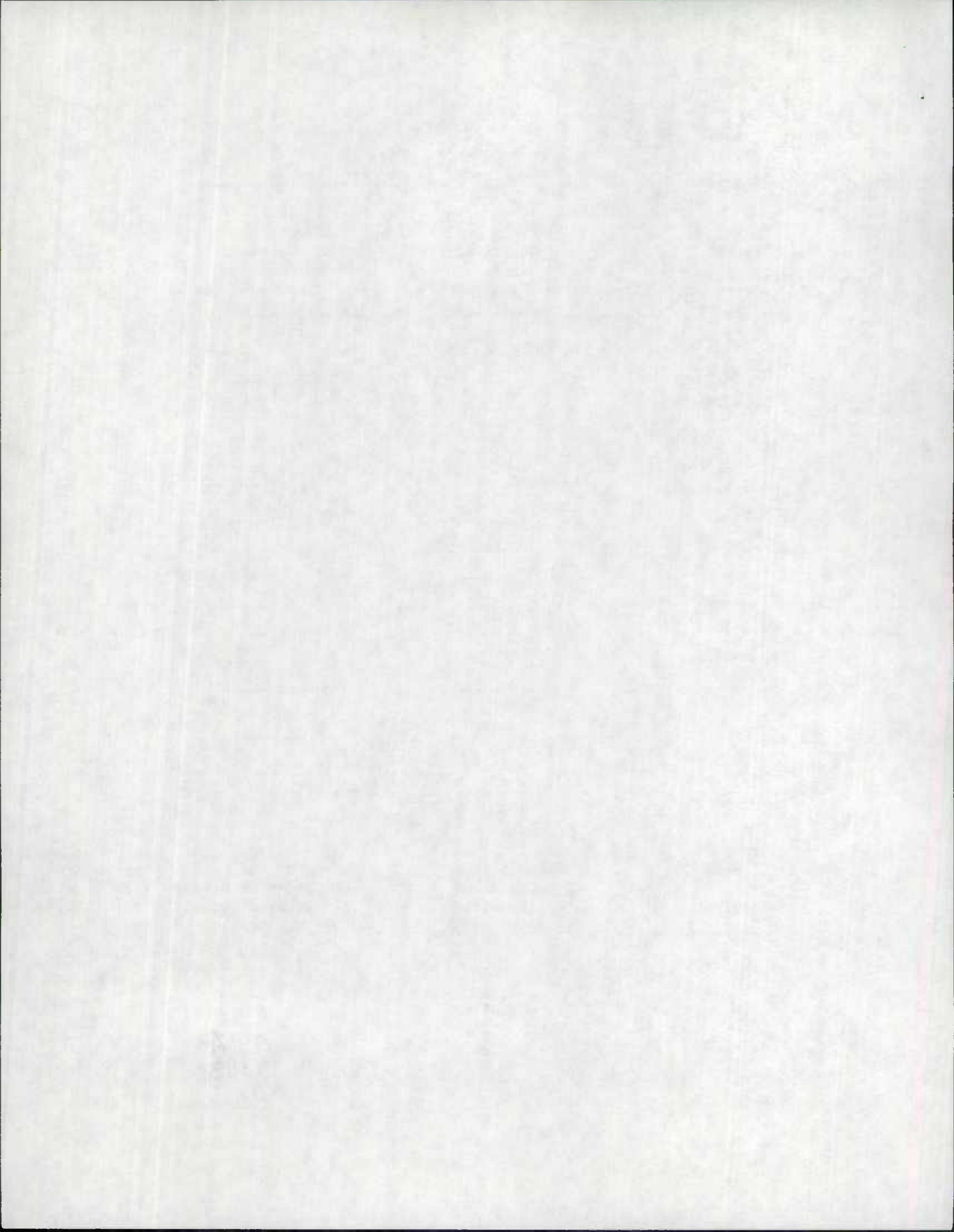
4.9
1.5
8.55

X

GRADE:
 pt (i) (2.0) pt (ii) (0.5, 0.13) pt (iii) (3.7, 0.94) pt (iv) (10.2, 3.62) pt (v) (15.3, 5.93)
 pt (vi) (16.8, 6.14) pt (vii) (7.92, 15.83) 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>0.02</u>
d.	4.5-6.4	<u>2</u>	<u>0.04</u>
e.	6.5-8.4	<u>1</u>	<u>0.08</u>
f.	8.5-	<u>2</u>	<u>0.20</u>

*



ROUTE NUMBER: IS 68 (us 48)

US48
14.93
14.24

STARTING MILE POINT: 13.77

ENDING MILE POINT: 13.88

(0.11)

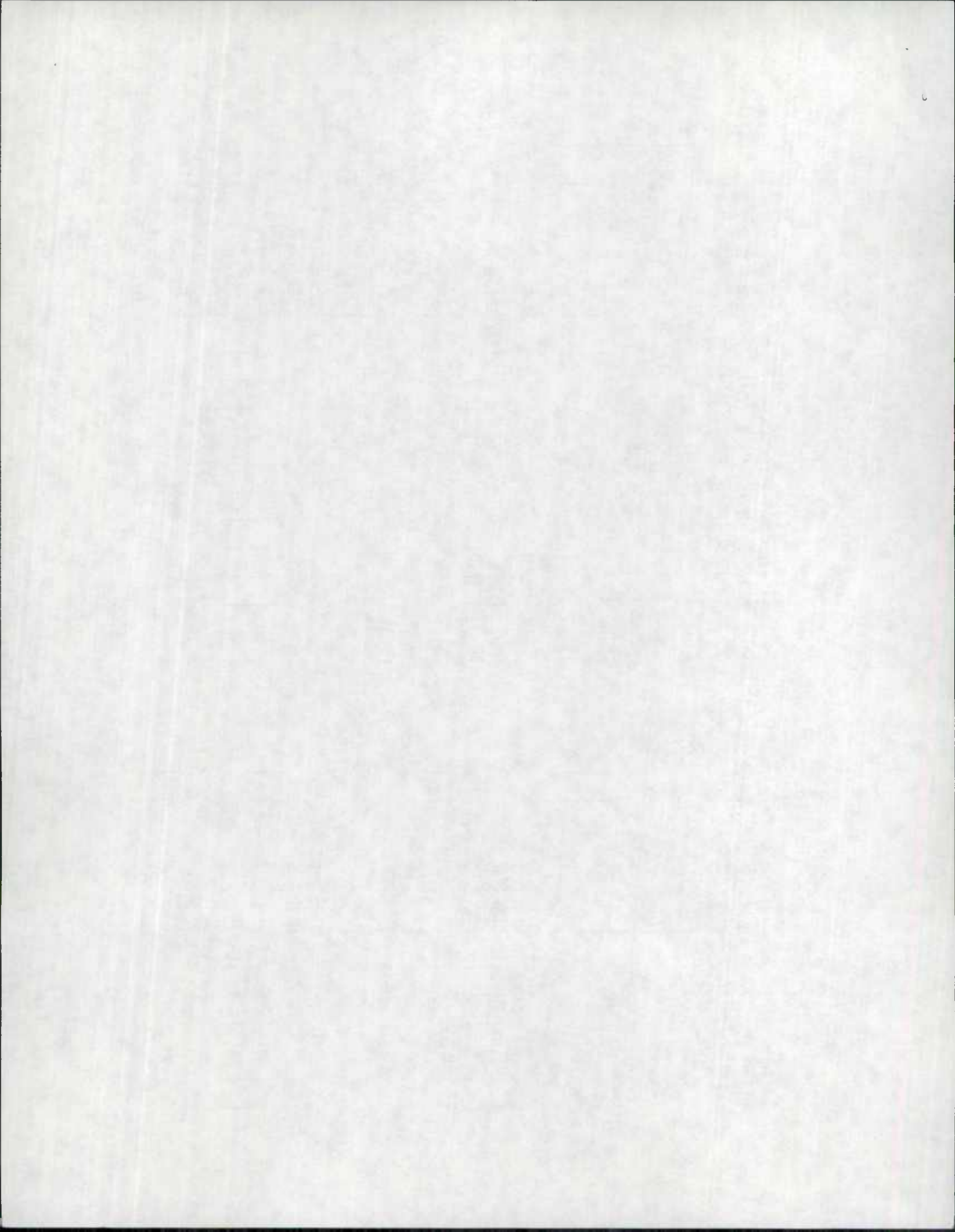
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.07</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	<u>1</u>	<u>0.04</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) (2.53, -0.02) pt(iii) (5.82, -0.54) 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>0.06</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: IS 68 (US 48)

US 40
14.57
14.89

STARTING MILE POINT: 14.11

ENDING MILE POINT: 14.40

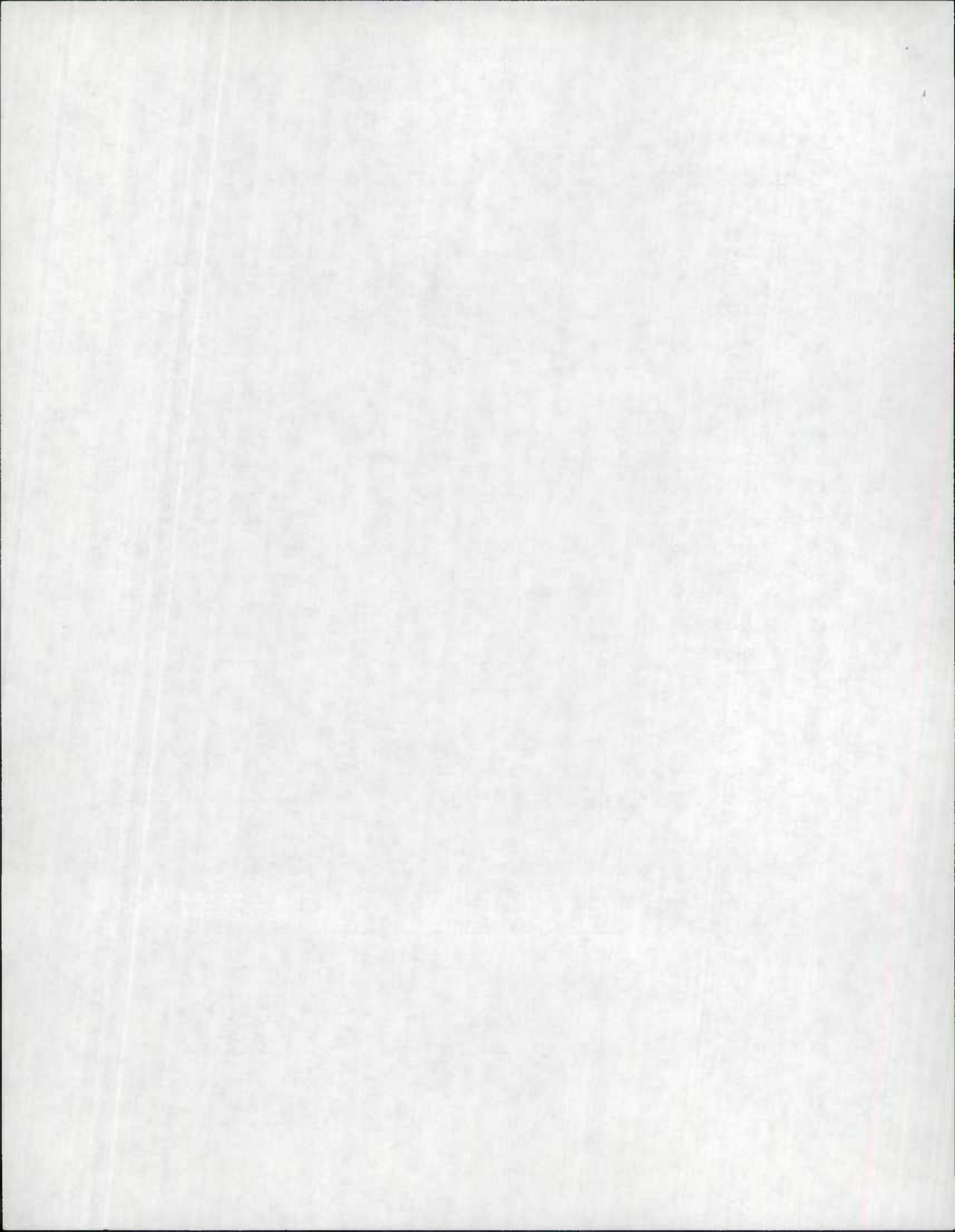
(0.29)

	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) (11.5, 2.73) pt (iii) (15.3, 3.4) 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	_____	_____
c.	2.5-4.4	<u>1</u>	<u>0.07</u>
d.	4.5-6.4	<u>1</u>	<u>0.22</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: Is 68 (US 48)

US 40
14.57
(468)

STARTING MILE POINT: 14.40 (14.40)

ENDING MILE POINT: 14.51

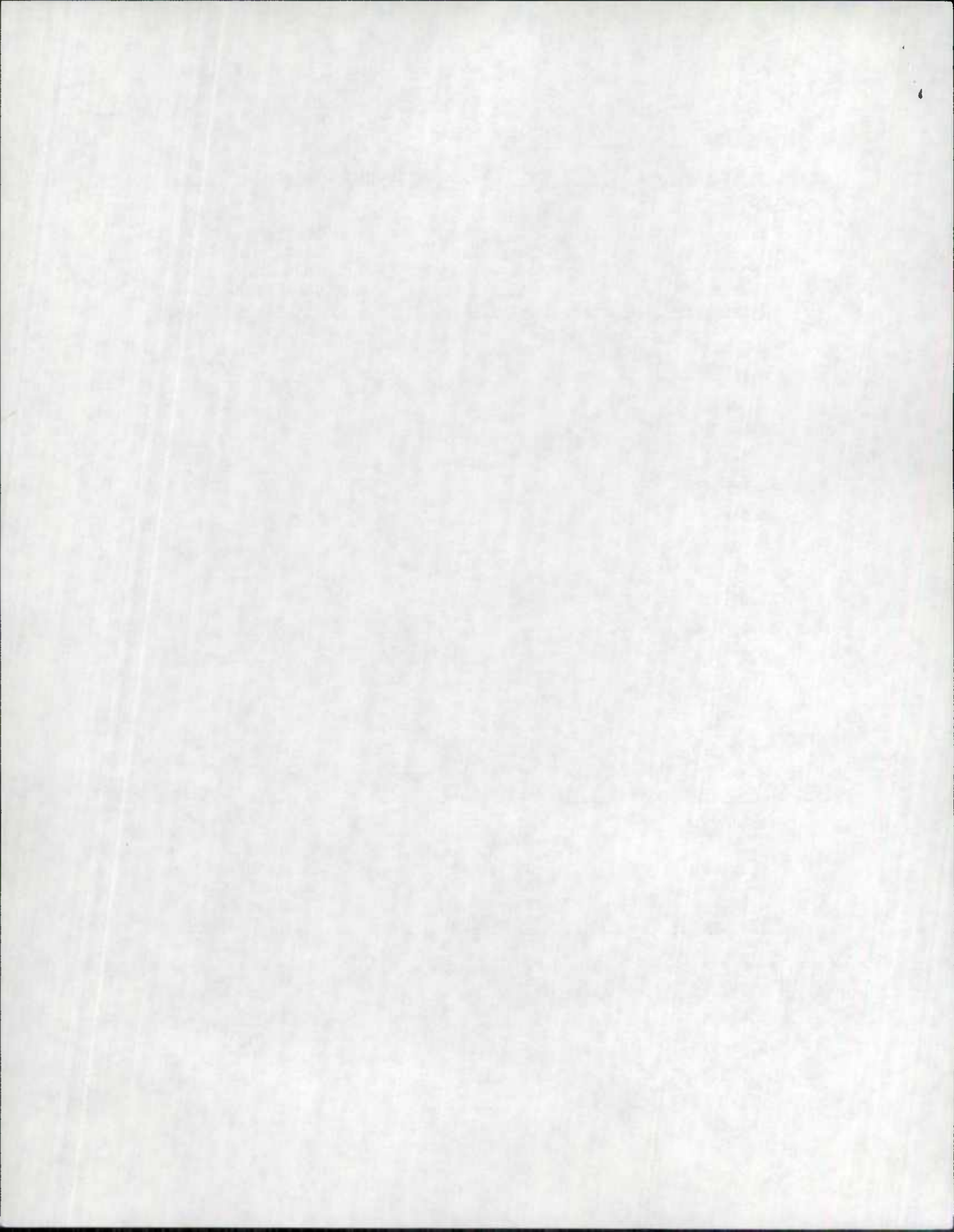
(0.11)

	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) (5.81, 1.33) 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	<u>1</u>	<u>0.11</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: TS 68 (US 48)

US 48
14.9
15.11

STARTING MILE POINT: 14.51

ENDING MILE POINT: 14.65

(0.14)

	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	_____	_____
b.	0.5-1.4	<u>1</u>	<u>0.14</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) (0.10) pt (ii) (1.73, 0.0) pt (iii) (7.4, -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	<u>1</u>	<u>0.03</u>
b.	0.5-2.4	<u>1</u>	<u>0.11</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

2541 29-66

W 40 25-15

US 40 2555
2583

V - 1/23 PM

H - 01/27 PM

ROUTE NUMBER: IS 68 (US 48)

STARTING MILE POINT: 24.64

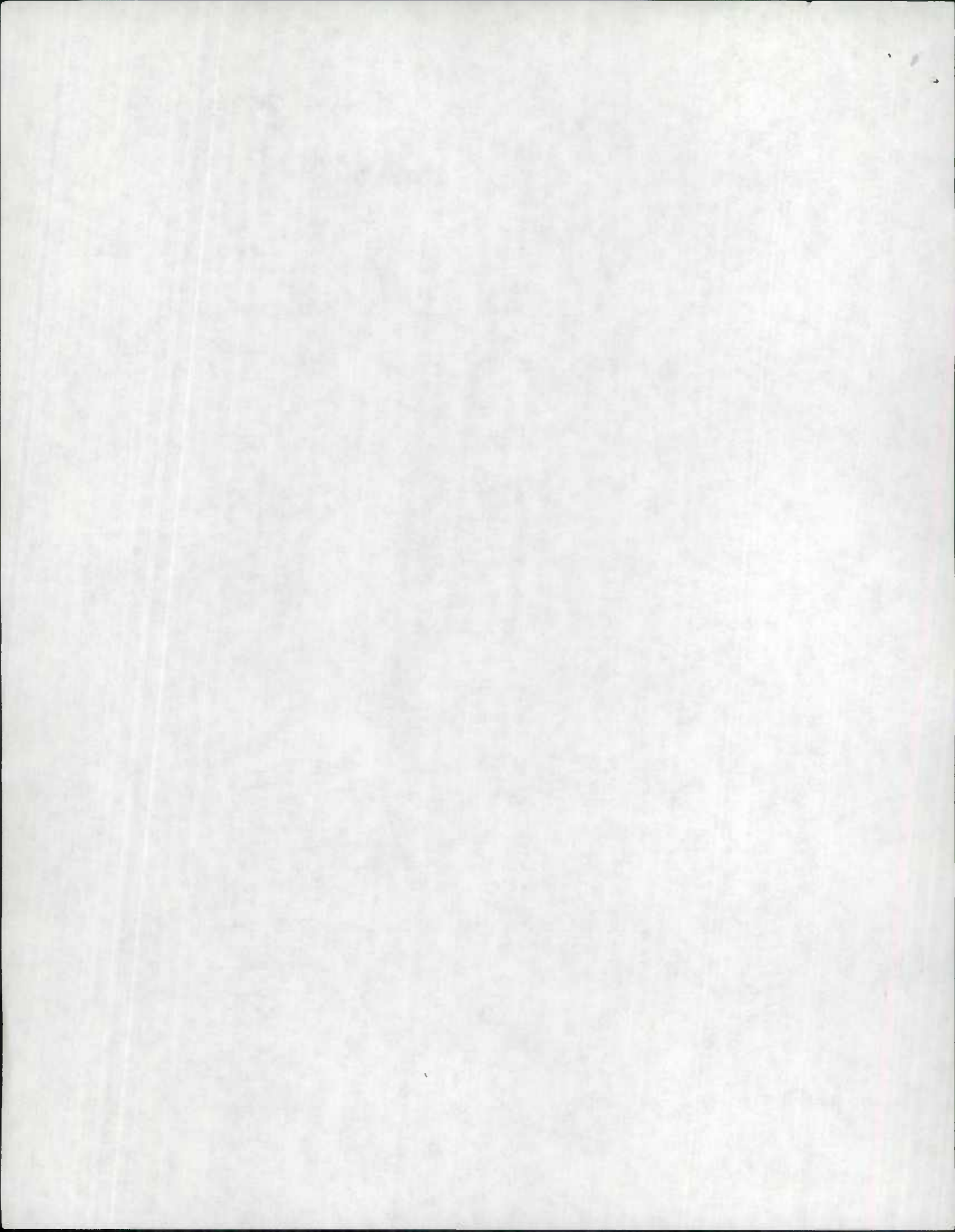
ENDING MILE POINT: 25.02 (0.38)

	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) (4.13, -0.6) pt(iii) (2.1, -1.93) pt(iv) (20.03, -3.2) 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	_____	_____
c.	2.5-4.4	<u>3</u>	<u>0.38</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 35

STARTING MILE POINT: 0.00

ENDING MILE POINT: 1.87

(0.84)

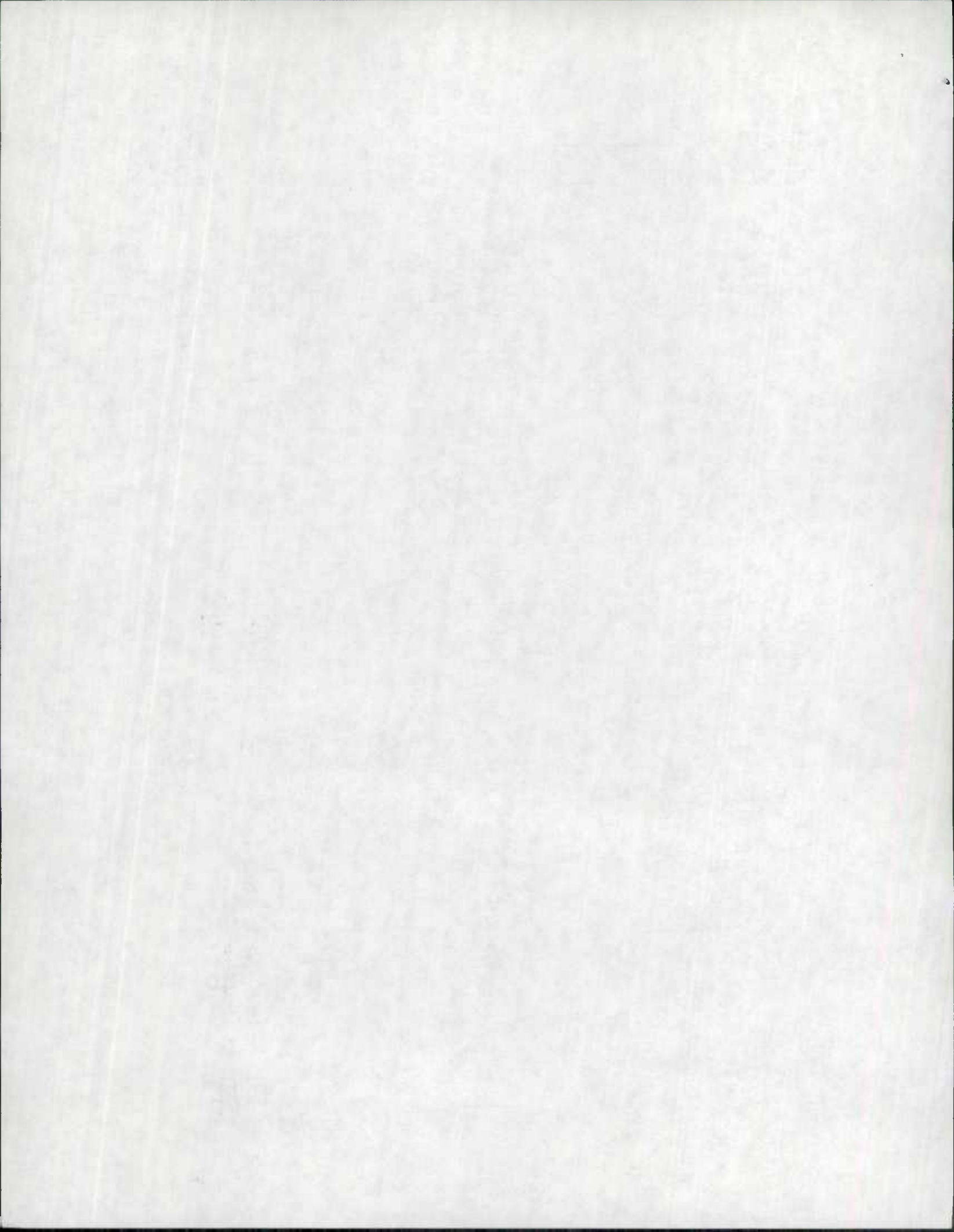
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>7</u>	<u>1.36</u> 3
b.	0.5-1.4	<u> </u>	<u> </u>
c.	1.5-2.4	<u> </u>	<u> </u>
d.	2.5-3.4	<u> </u>	<u> </u>
e.	3.5-4.4	<u> </u>	<u> </u>
f.	4.5-5.4	<u> </u>	<u> </u>
g.	5.5-6.9	<u>1 + 1(2)</u>	<u>0.22</u>
h.	7.0-8.4	<u> </u>	<u> </u>
i.	8.5-10.9	<u>1</u>	<u>0.08</u>
j.	11.0-13.9	<u>1</u>	<u>0.08</u>
k.	14.0-19.4	<u>1</u>	<u>0.04</u>
l.	19.5-27.9	<u>1</u>	<u>0.04</u>
m.	23+	<u>1</u>	<u>0.02</u>

GRADE:

pt(i) (0,0) pt(ii) (12.2, -0.05) pt(iii) (16.5, -0.15) pt(iv) (25.3, 0.4) pt(v) (37.5, 2.05)
 pt(vi) (11.2, -1.2) pt(vii) (53, -2.1) pt(viii) (61.2, -0.2) pt(ix) (69.5, -0.4) pt(x) (74.2, -1.2)
 pt(xi) (89.9) pt(xii) (97.15, -1.0)

	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>4</u>	<u>0.82</u>
b.	0.5-2.4	<u>3</u>	<u>0.40</u>
c.	2.5-4.4	<u>2</u>	<u>0.32</u>
d.	4.5-6.4	<u>1</u>	<u>0.16</u>
e.	6.5-8.4	<u> </u>	<u> </u>
f.	8.5-	<u>1</u>	<u>0.14</u>

1.42



ROUTE NUMBER: MD 35

STARTING MILE POINT: 1.87

ENDING MILE POINT: 2.04 (0.17)

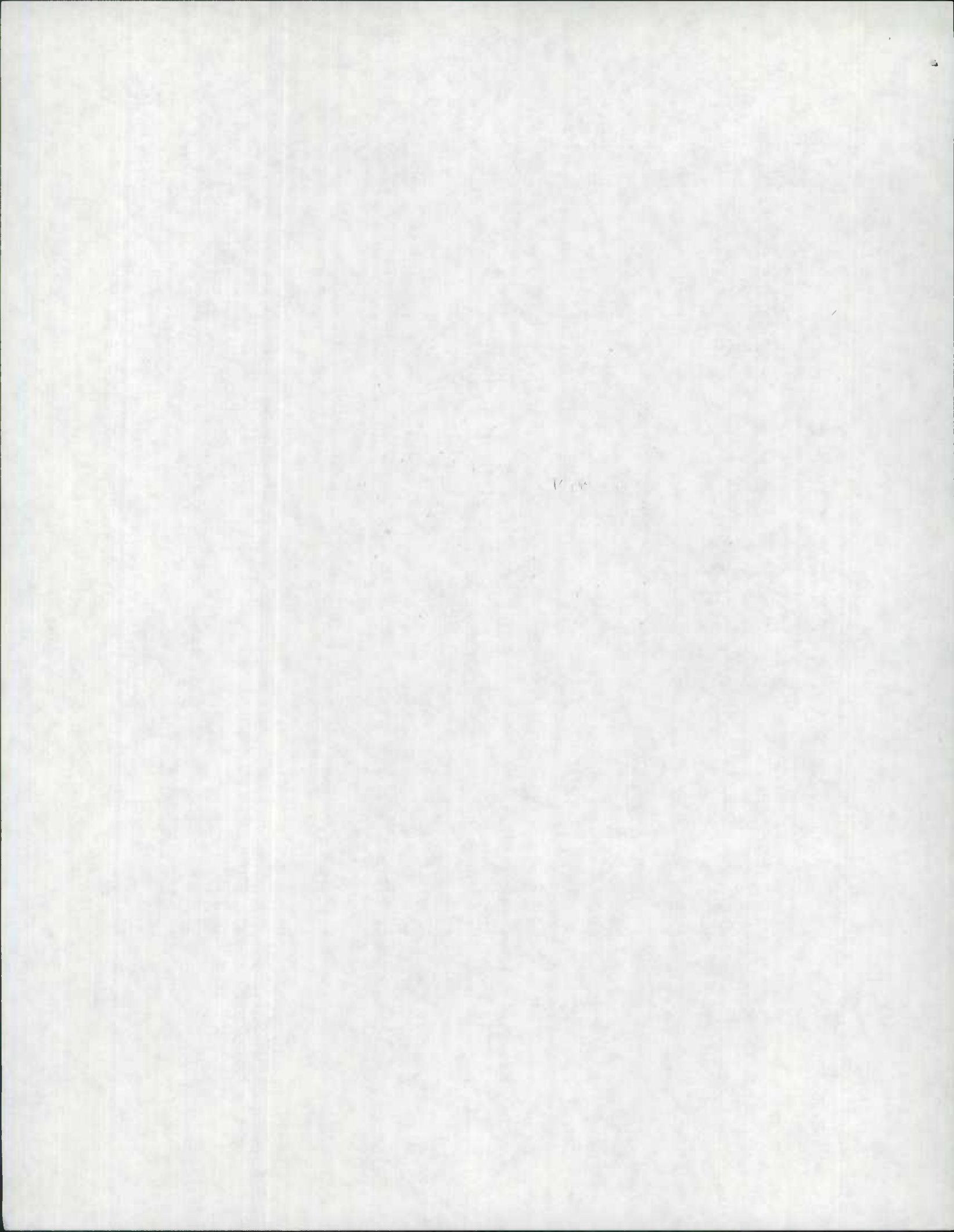
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.13</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	<u>1</u>	<u>0.04</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) (6.1-1.3) pt (iii) (7.9-1.5) pt (iv) (9.5-1.95) 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>0.12</u>
d.	4.5-6.4	<u>1</u>	<u>0.03</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD35

STARTING MILE POINT: 2.04

ENDING MILE POINT: 2.08

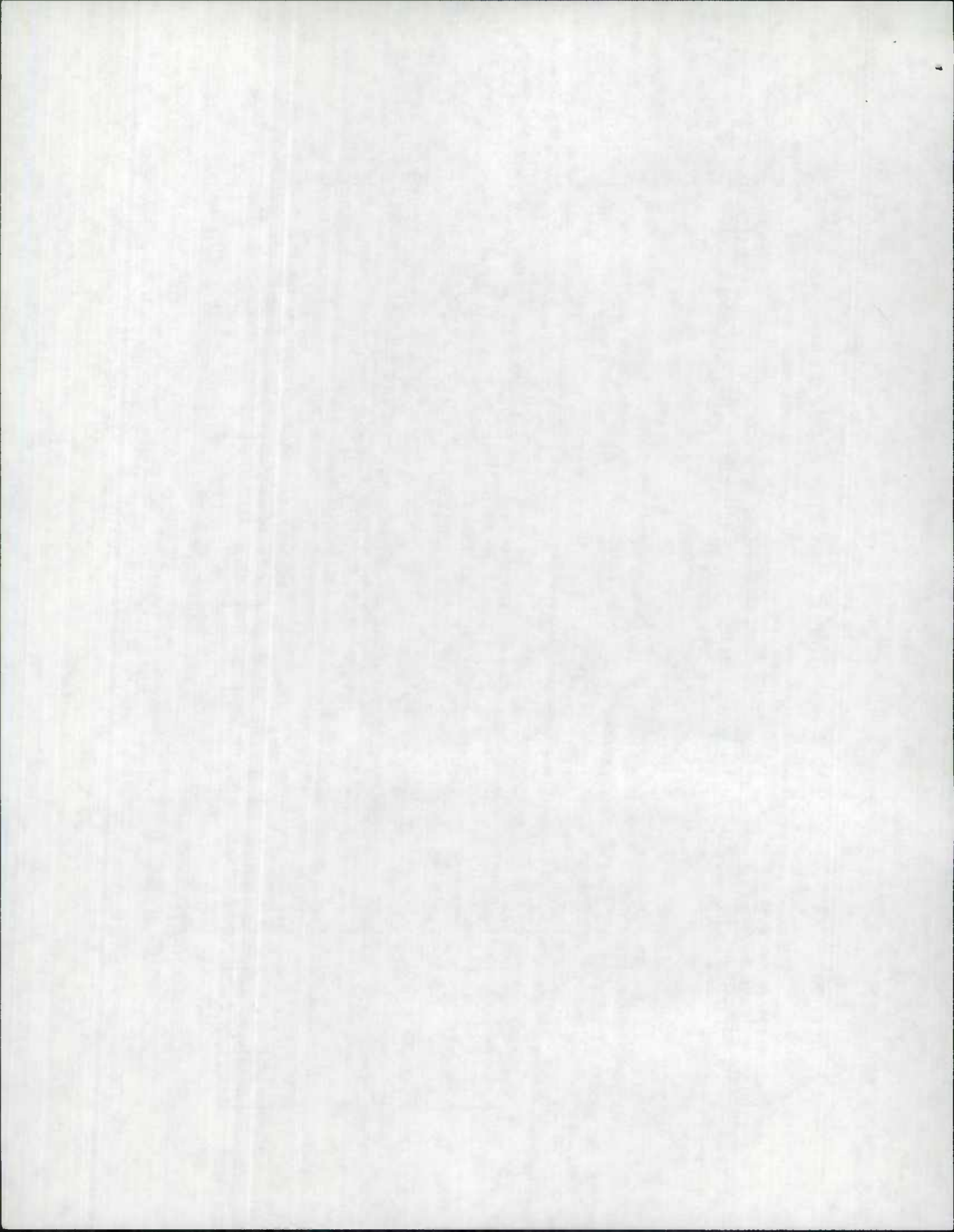
(0.04)

	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>1</u>	<u>0.04</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	<u>1</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) (0.1, -0.3) pt (iii) (2.1, -0.45) 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>0.02</u>
d.	4.5-6.4	<u>1</u>	<u>0.02</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 35

STARTING MILE POINT: 2.08

ENDING MILE POINT: 2.37

(0.29)

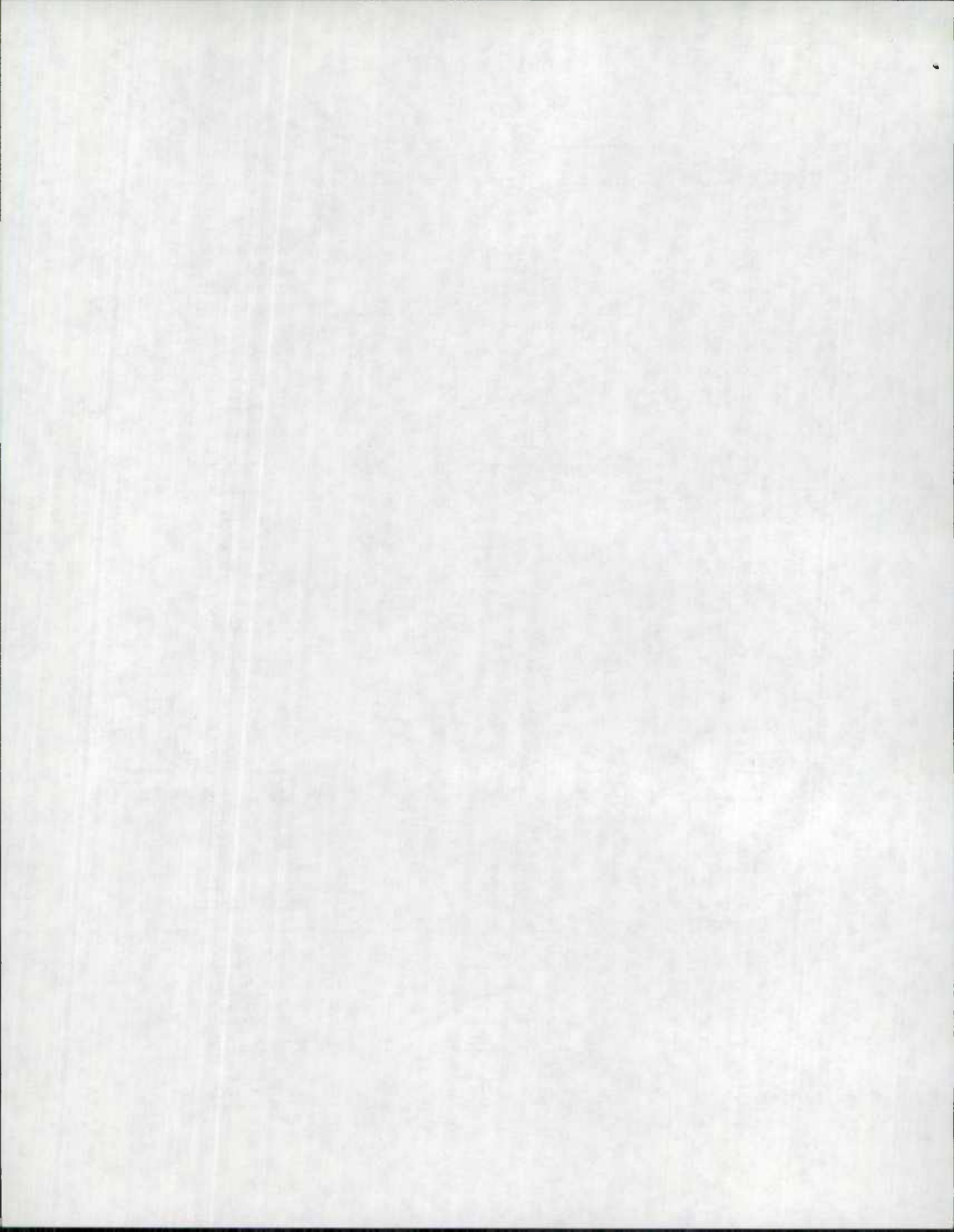
	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>3</u>	<u>0.22</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	<u>1</u>	<u>0.03</u>
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	<u>1</u>	<u>0.04</u>
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (0.2) pt (ii) (5, -0.8) pt (iii) (8.7, -1.8) pt (iv) (11.3, -8.7) pt (v) (13.2, -2)
 pt (vi) (14.8, -2.1) 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>0.06</u>
d.	4.5-6.4	<u>1</u>	<u>0.04</u>
e.	6.5-8.4	_____	_____
f.	8.5-	<u>2</u>	<u>0.17</u>

*



ROUTE NUMBER: MD 36

STARTING MILE POINT: 14.08

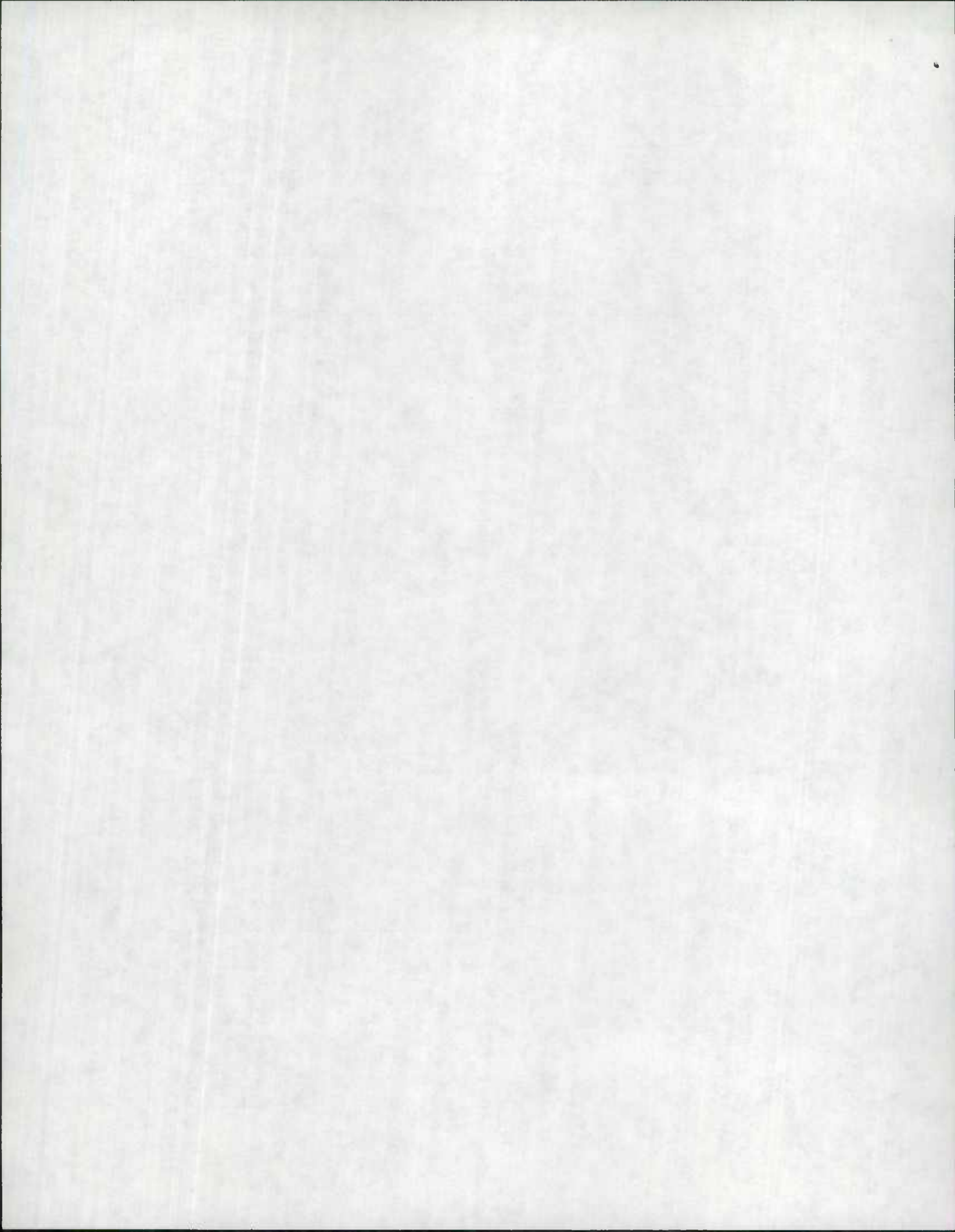
ENDING MILE POINT: 14.40 (0.32)

	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>0.32</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) (1.13, -0.21) pt (iii) (6.53, -0.8) pt (iv) (13.4, -2.49) pt (v) (16.9, -3.33)
 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>1</u>	<u>0.10</u>
c.	2.5-4.4	<u>1</u>	<u>0.02</u>
d.	4.5-6.4	<u>2</u>	<u>0.20</u>
e.	6.5-8.4	<u> </u>	<u> </u>
f.	8.5-	<u> </u>	<u> </u>



ROUTE NUMBER: MD 36

STARTING MILE POINT: 14.57

ENDING MILE POINT: 14.94 (0.37)

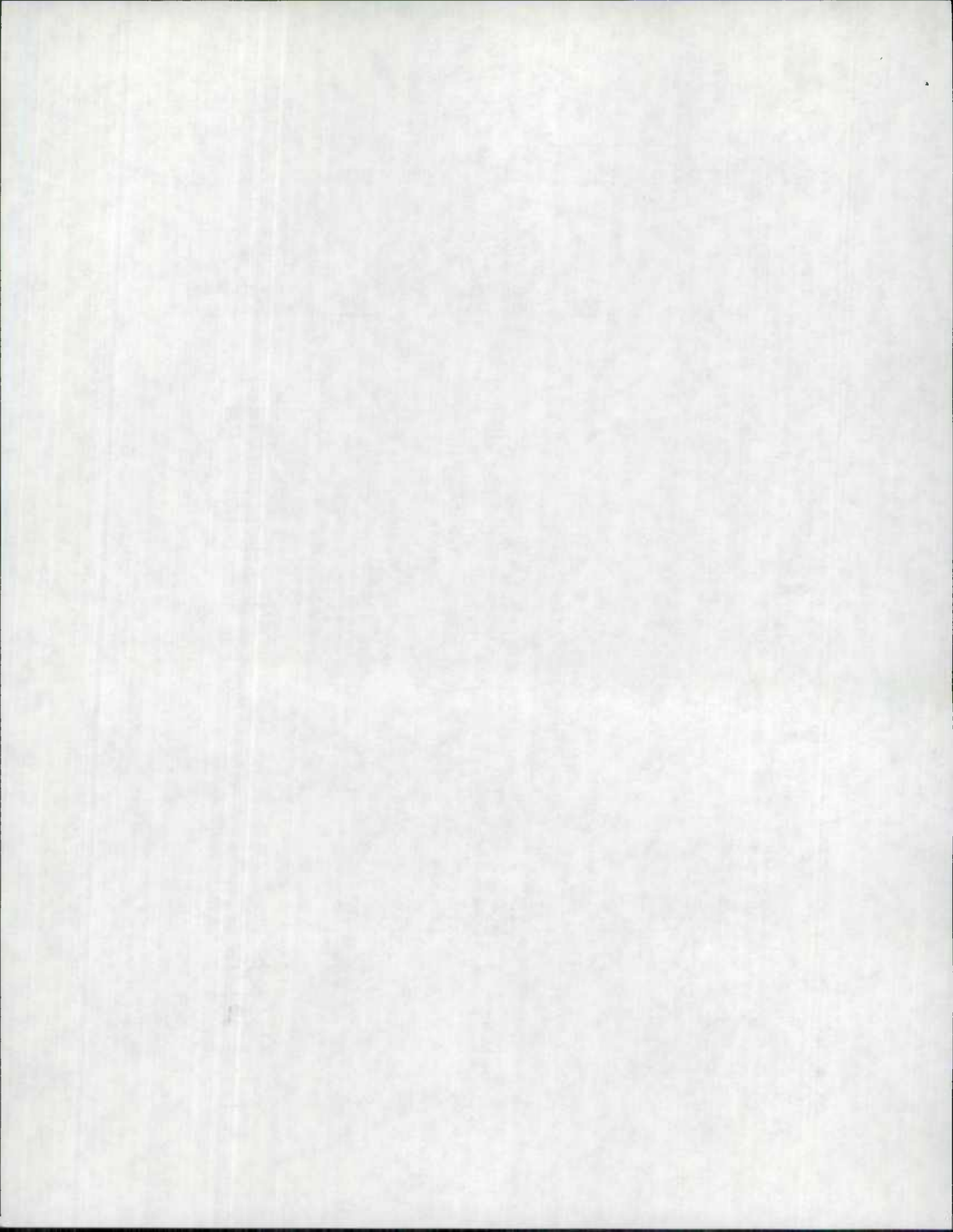
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.37</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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, -1.93) pt (iii) (17.22, -4.0) pt (iv) (19.52, -4.0) 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>0.04</u>
b.	0.5-2.4	_____	_____
c.	2.5-4.4	<u>1</u>	<u>0.19</u>
d.	4.5-6.4	<u>1</u>	<u>0.14</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 36

STARTING MILE POINT: 17.54

ENDING MILE POINT: 17.59

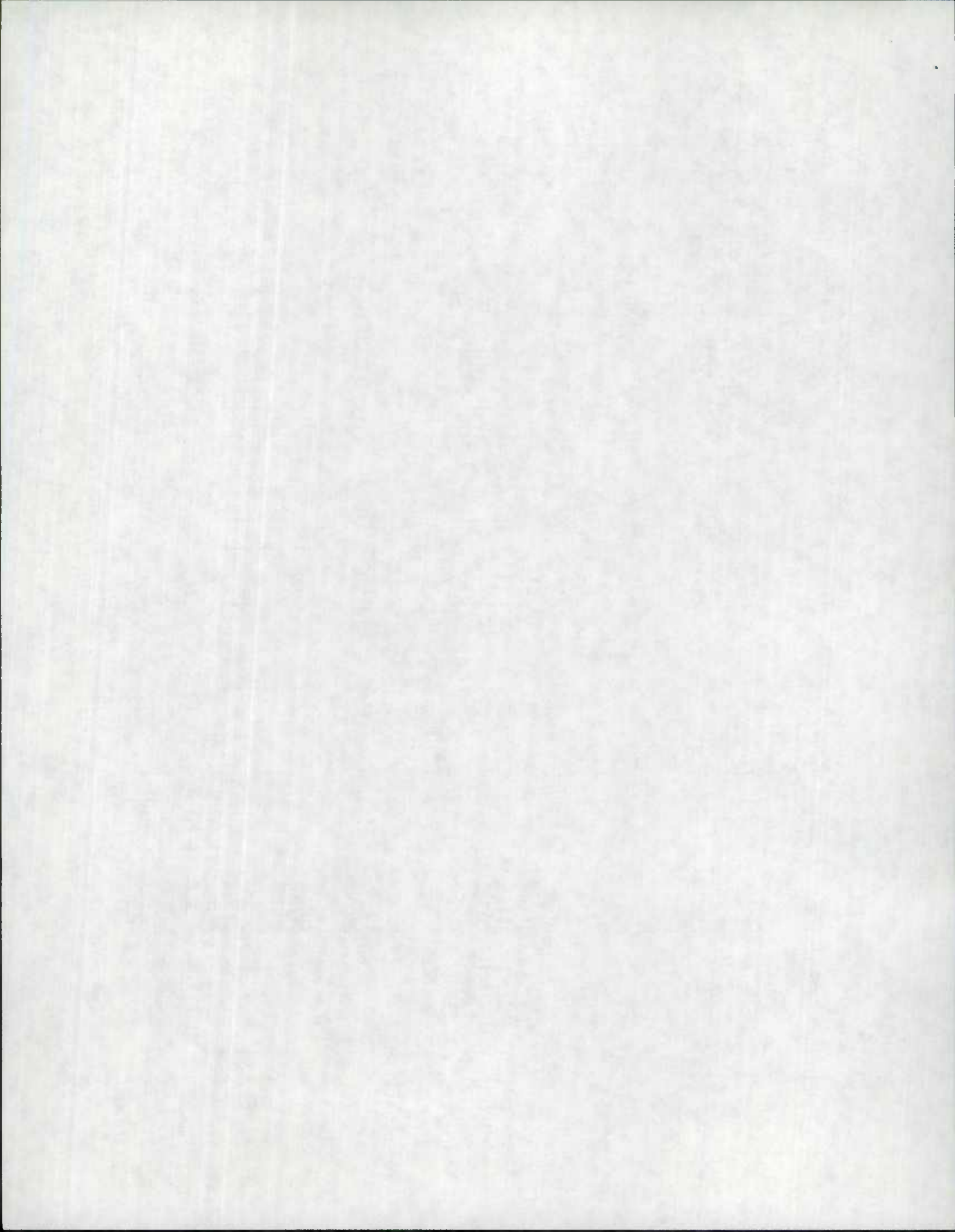
0.05

	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) <u>(0,0)</u>	pt(ii) <u>(142, 0.5)</u>	pt(iii) <u>(2.63, 1.02)</u>	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	<u>1</u>	<u>0.03</u>
f.	8.5-	<u>1</u>	<u>0.02</u>



ROUTE NUMBER: MD 36

STARTING MILE POINT: 17.59

ENDING MILE POINT: 17.89

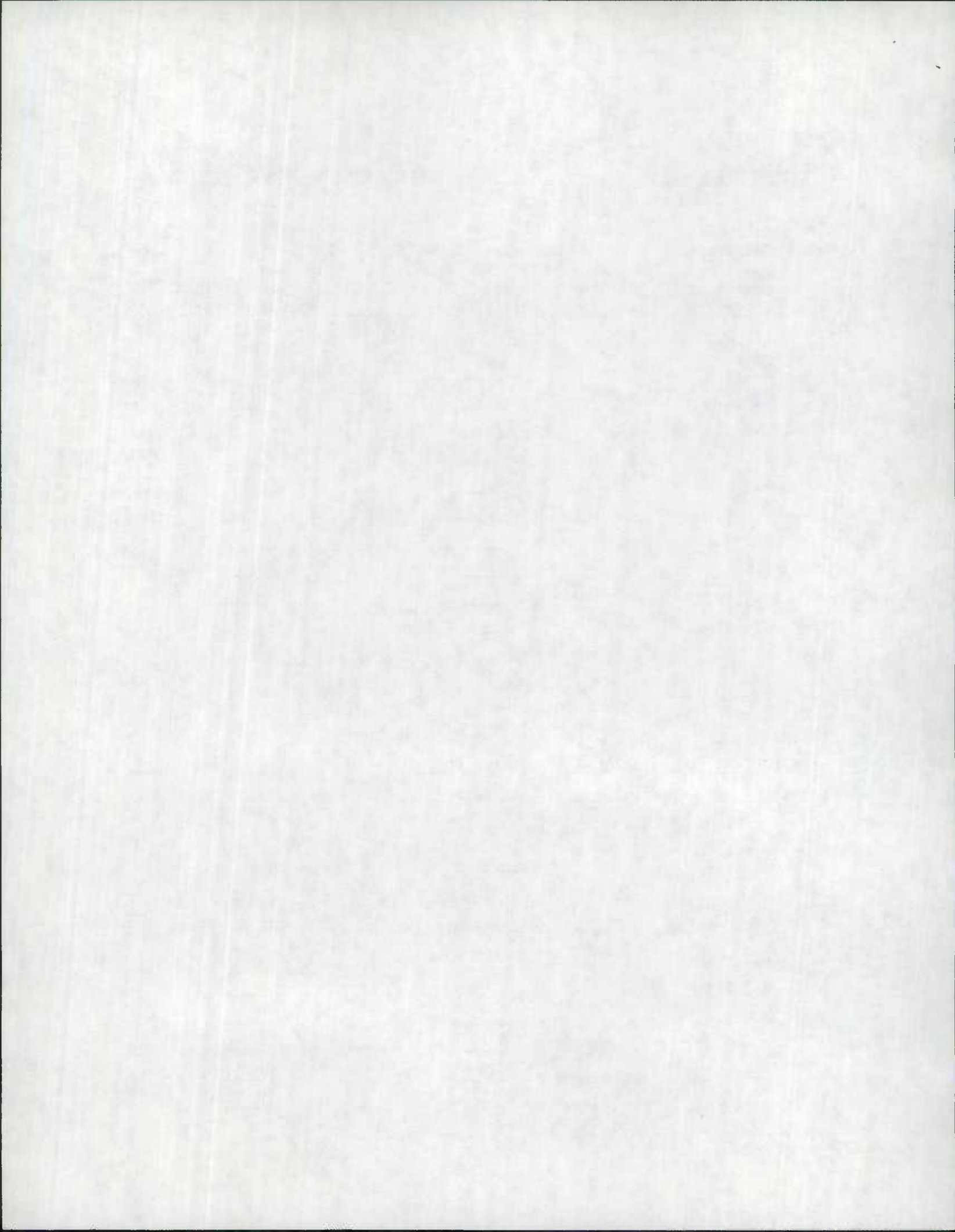
(0.30)

	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>0.19</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	<u>1</u>	<u>0.05</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+	<u>1+1 (2)</u>	<u>0.06</u>

GRADE:

pt (i) (0, 0) pt (ii) (3.0, 1.4) pt (iii) (4.42, 1.92) pt (iv) (7.62, 1.93) pt (v) (11.43, 0.6)
 pt (vi) (13.43, -0.6) pt (vii) (15.8, -1.23) 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	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	<u>1</u>	<u>0.04</u>
e.	6.5-8.4	<u>2</u>	<u>0.11</u>
f.	8.5-	<u>2</u>	<u>0.11</u>



ROUTE NUMBER: MD 36

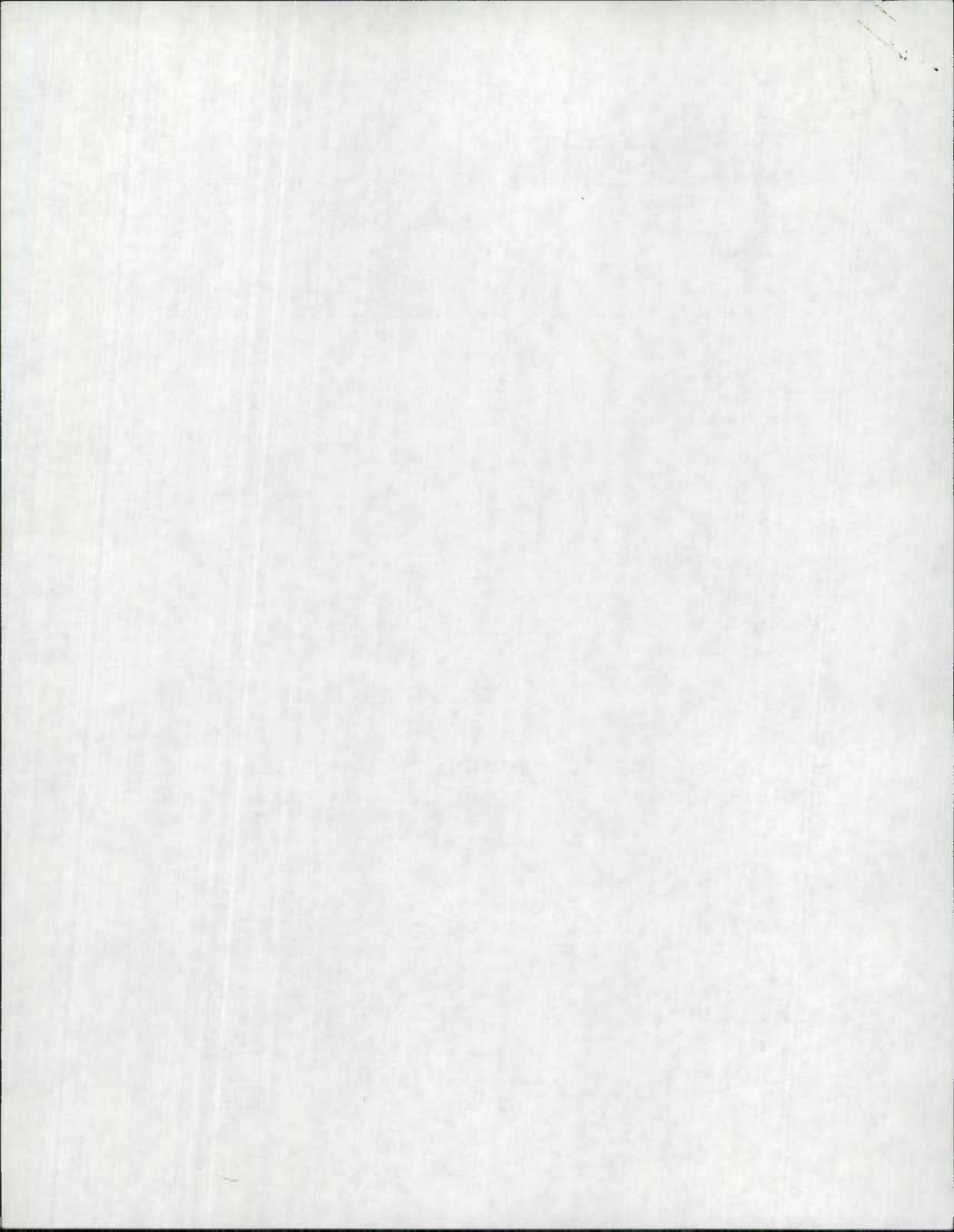
STARTING MILE POINT: 17.89

ENDING MILE POINT: 17.95 (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	_____	_____
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+	<u>1</u>	<u>0.06</u>

GRADE:
pt (i) (0,0) pt (ii) (1.6, .05) pt (iii) (3.13, -1.43) 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	<u>1</u>	<u>0.03</u>
e.	6.5-8.4	_____	_____
f.	8.5-	<u>1</u>	<u>0.03</u>



10

H-01/27 ✓

V-01/30 ✓

ROUTE NUMBER: MD 36

STARTING MILE POINT: 20.30

ENDING MILE POINT: 20.36

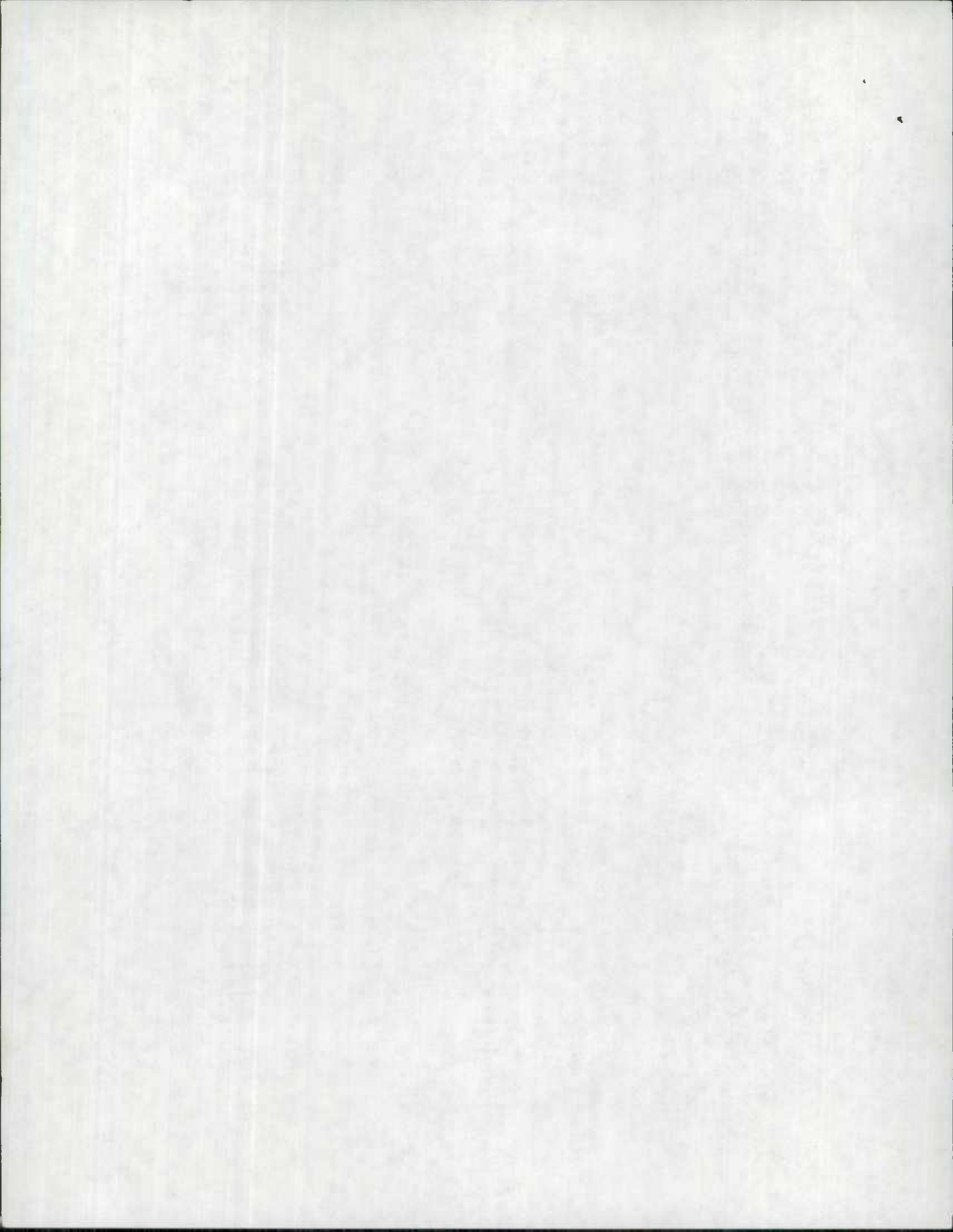
(0.06)

	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) 32, -0.45 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>0.06</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 36

STARTING MILE POINT: 20.36

ENDING MILE POINT: 21.12

(0.76)

	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>0.33</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>2</u>	<u>0.21</u>
g.	5.5-6.9	_____	_____
h.	7.0-8.4 →	<u>1</u>	<u>0.02</u>
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9 → (27.20)	<u>1+1 (2)</u>	<u>0.16</u>
m.	23+ → (40)	<u>1</u>	<u>0.03</u>

GRADE:

pt (i) (0/0) pt (ii) (37 -0.8) pt (iii) (5 -0.9) pt (iv) (27.7-3) pt (v) (20.1-4.2)
 pt (vi) (26.11, 4.5) pt (vii) (35.6 -6.2) pt (viii) (40.1, -6.3) 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>0.14</u>
c.	2.5-4.4	<u>3</u>	<u>0.29</u>
d.	4.5-6.4	<u>2</u>	<u>0.33</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____

ROUTE NUMBER: MD 36

STARTING MILE POINT: 21.12

ENDING MILE POINT: 21.69

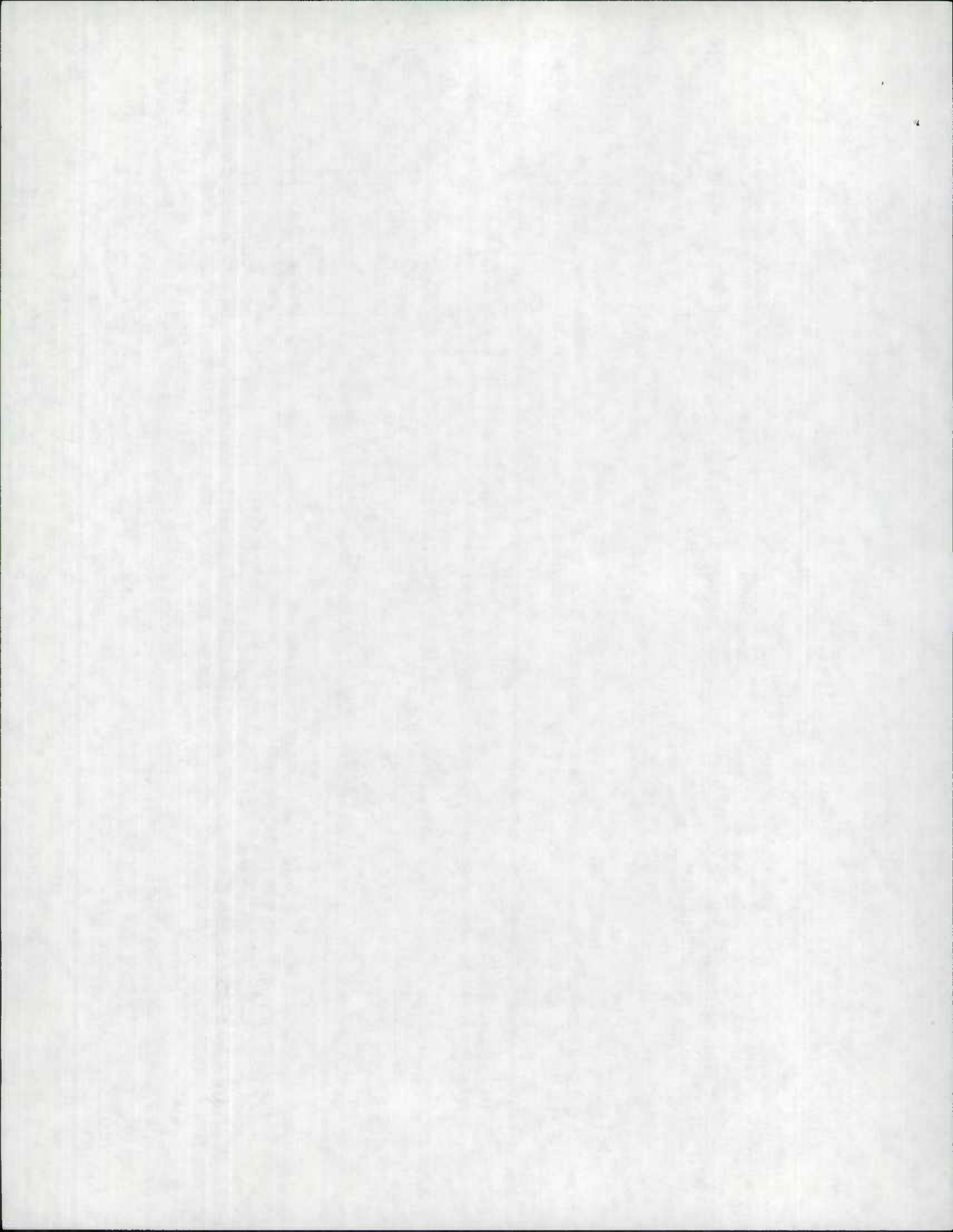
(0.57)

	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	<u>4</u>	<u>0.33</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>	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	<u>1</u>	<u>0.03</u>
k.	14.0-19.4	<u>1+1</u>	<u>0.12</u>
l.	19.5-27.9	_____	_____
m.	23+	<u>1</u>	<u>0.09</u>

GRADE:

pt (i) (0.0) pt (ii) (2.2, 0) pt (iii) (8.85, -1.2) pt (iv) (14.5, -1.4) pt (v) (25.25, -7.25)
 pt (vi) (30.1, -8.55) 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>0.10</u>
c.	2.5-4.4	<u>1</u>	<u>0.12</u>
d.	4.5-6.4	<u>1</u>	<u>0.09</u>
e.	6.5-8.4	_____	_____
f.	8.5-	<u>1</u>	<u>6.22</u>



ROUTE NUMBER: MD 36

STARTING MILE POINT: 21.69

ENDING MILE POINT: 21.74

(0.05)

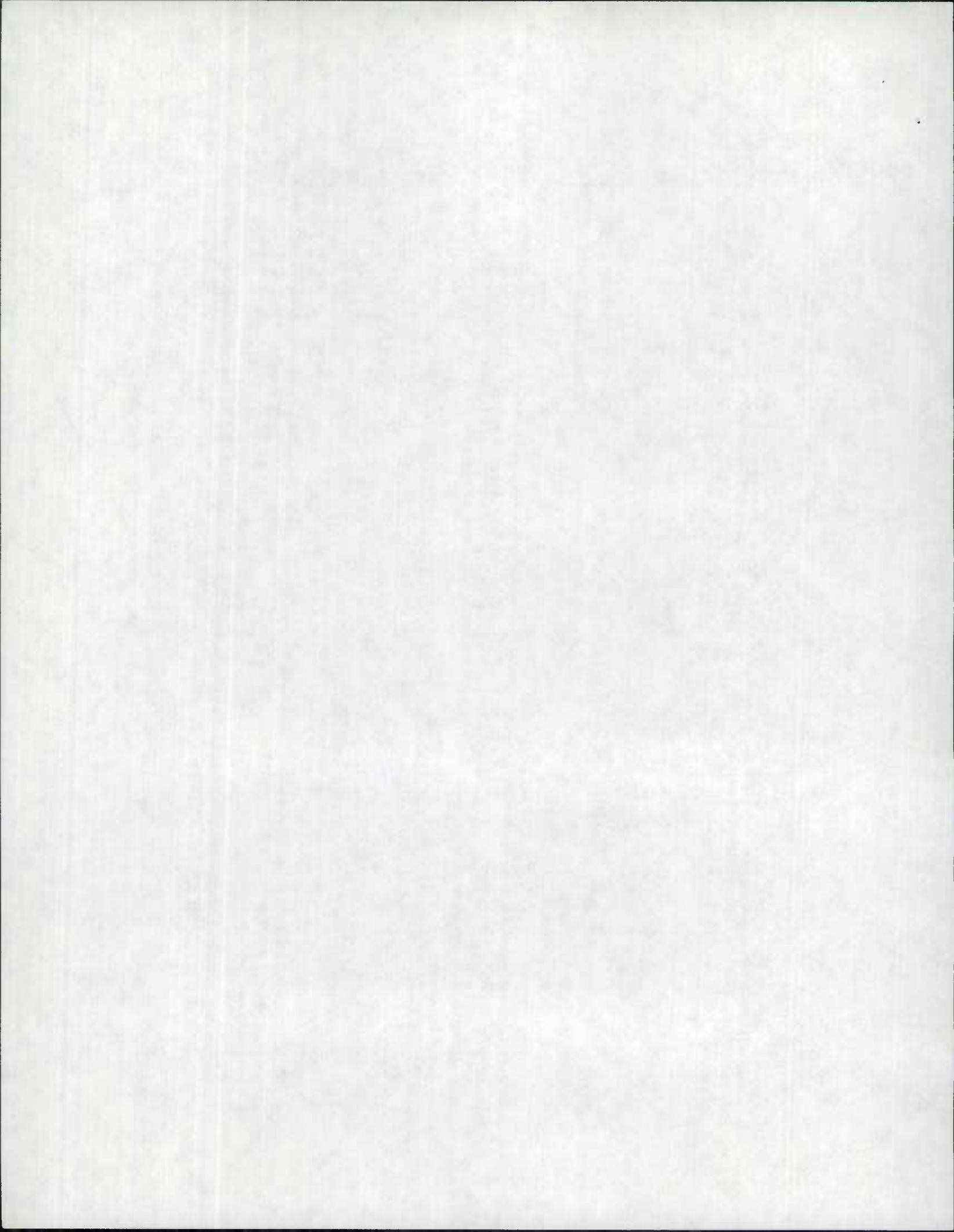
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.05</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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) (3.65, 0.65) 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-	_____	_____



ROUTE NUMBER: MD 36

STARTING MILE POINT: 22.06

ENDING MILE POINT: 22.20

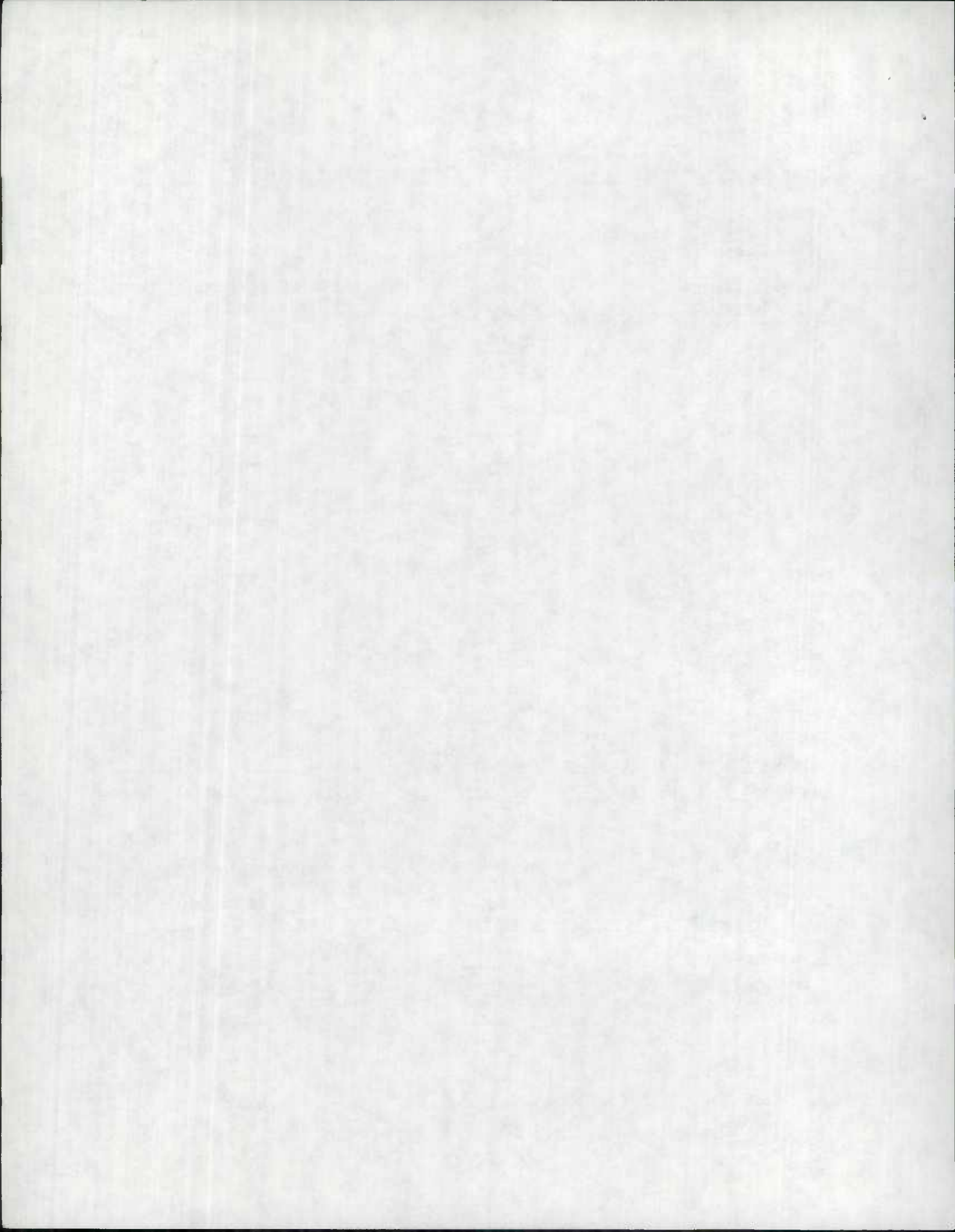
(0.14)

	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>0.06</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	<u>1</u>	<u>0.08</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) (2.9, -0.1) pt (iii) (7.35, -2.9) 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	_____	_____
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>0.10</u>



ROUTE NUMBER: MD 36

STARTING MILE POINT: 25.10

ENDING MILE POINT: 25.45

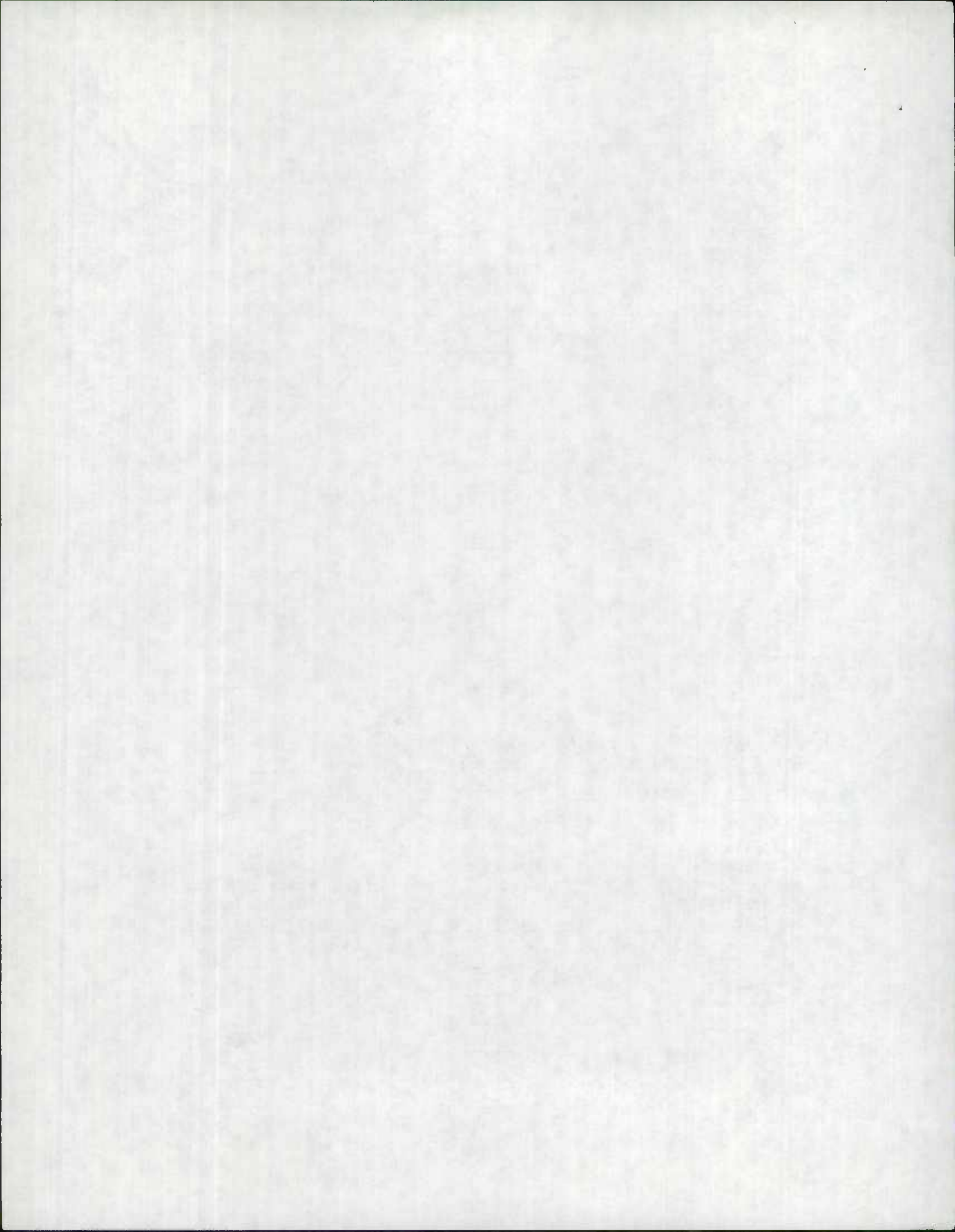
(0.35)

	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>0.35</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) (8, -0.6) pt (iii) (8.5, -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	_____	_____
b.	0.5-2.4	<u>1</u>	<u>0.15</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	<u>1</u>	<u>0.20</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 36

STARTING MILE POINT: 25.45

ENDING MILE POINT: 26.58

(1.13)

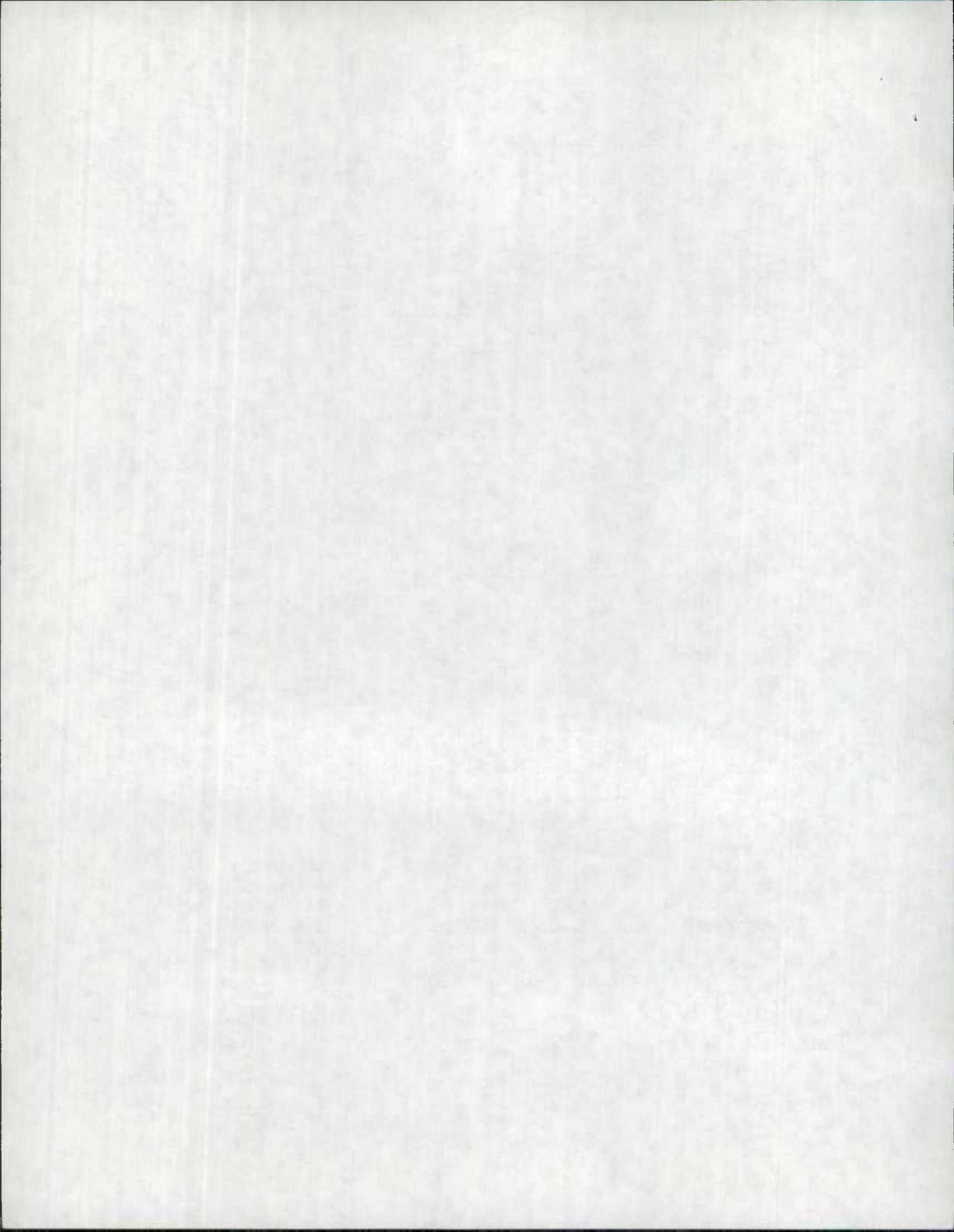
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>4</u>	<u>0.35</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	<u>1</u>	<u>0.13</u>
d.	2.5-3.4	<u>2</u>	<u>0.65</u>
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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+	_____	_____

52
13
65

GRADE:

pt (i) (1.0) pt (ii) (26.75, -6.35) pt (iii) (48, -8.8) pt (iv) (59.65, -6.1) 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>1</u>	<u>0.40</u>
c.	2.5-4.4	<u>1</u>	<u>0.22</u>
d.	4.5-6.4	<u>1</u>	<u>0.51</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 51

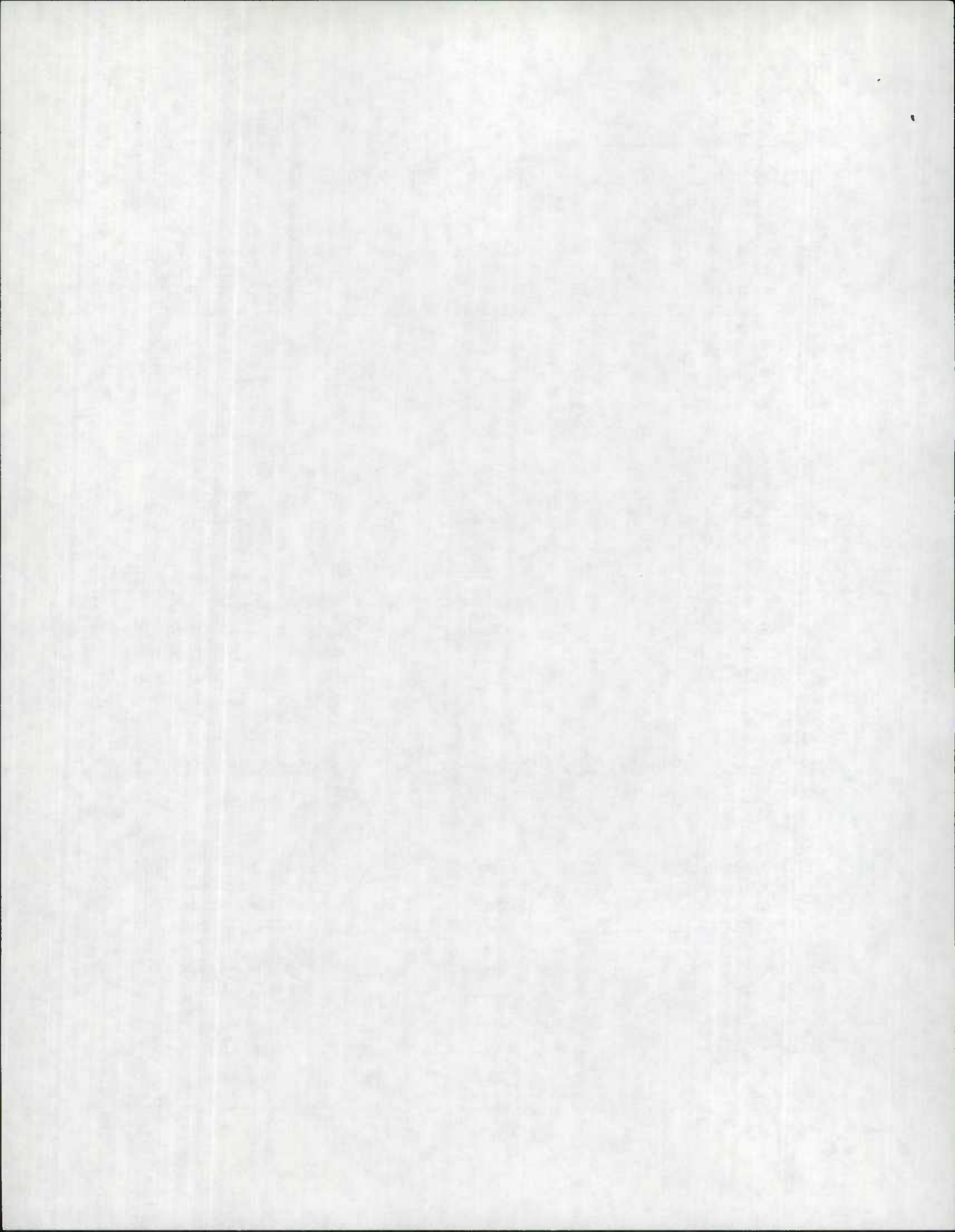
STARTING MILE POINT: 0.13
(0.08)

ENDING MILE POINT: 0.43
(0.30)

	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>2</u>	<u>0.18</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>0.12</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) (6.5, 0.1) pt (iii) (12.65, 2.25) pt (iv) (15.05, 2.5) 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	<u>1</u>	<u>0.12</u>
b.	0.5-2.4	<u>1</u>	<u>0.04</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	<u>1</u>	<u>0.14</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 51

STARTING MILE POINT: 0.43

ENDING MILE POINT: 0.68

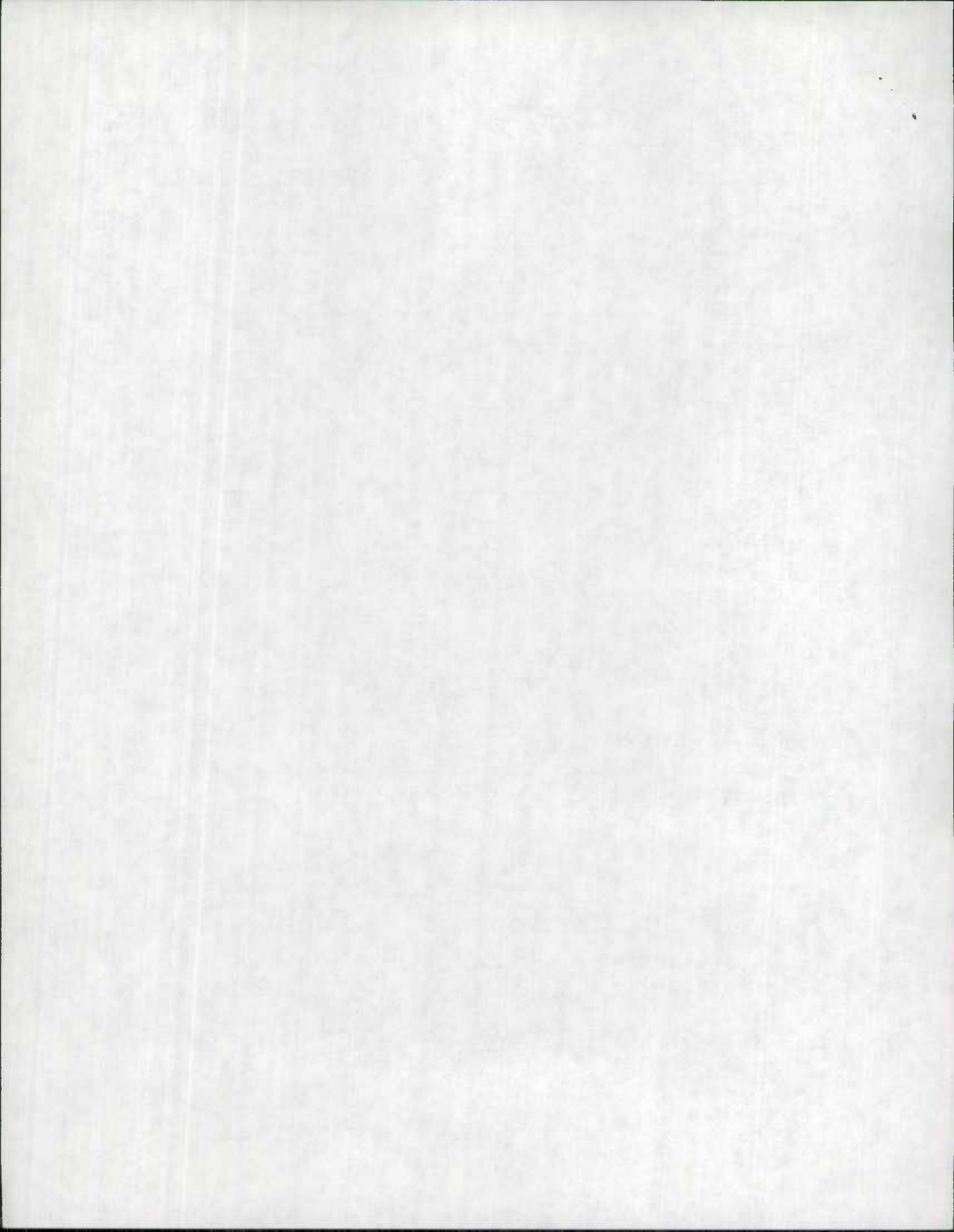
(0.25)

	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>2</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	<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) (0.10) pt (ii) (2.35, 0.3) pt (iii) (0.65, -1.7) pt (iv) (13.2, -1.05) 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	<u>2</u>	<u>0.19</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 51

STARTING MILE POINT: 0.68

ENDING MILE POINT: 0.73

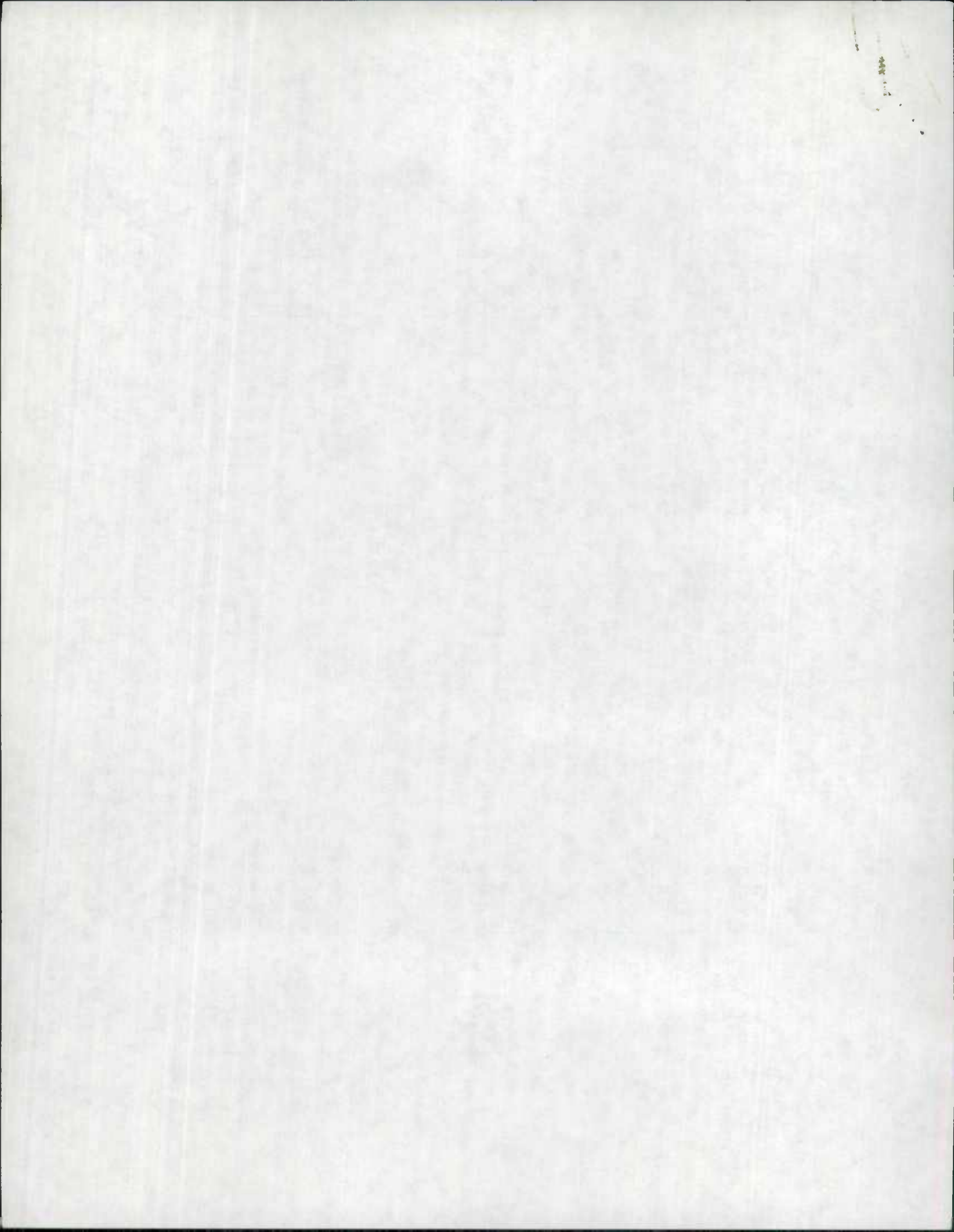
(0.05)

	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	_____	_____
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	<u>1</u>	<u>0.05</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) (1.4,0.2) pt(iii) (2.7,0.4) 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	_____	_____
c.	2.5-4.4	<u>2</u>	<u>0.05</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



5
10

H- 01/27 PM

ROUTE NUMBER: MD 51

V- 01/30

STARTING MILE POINT: 0.73

ENDING MILE POINT: 0.90

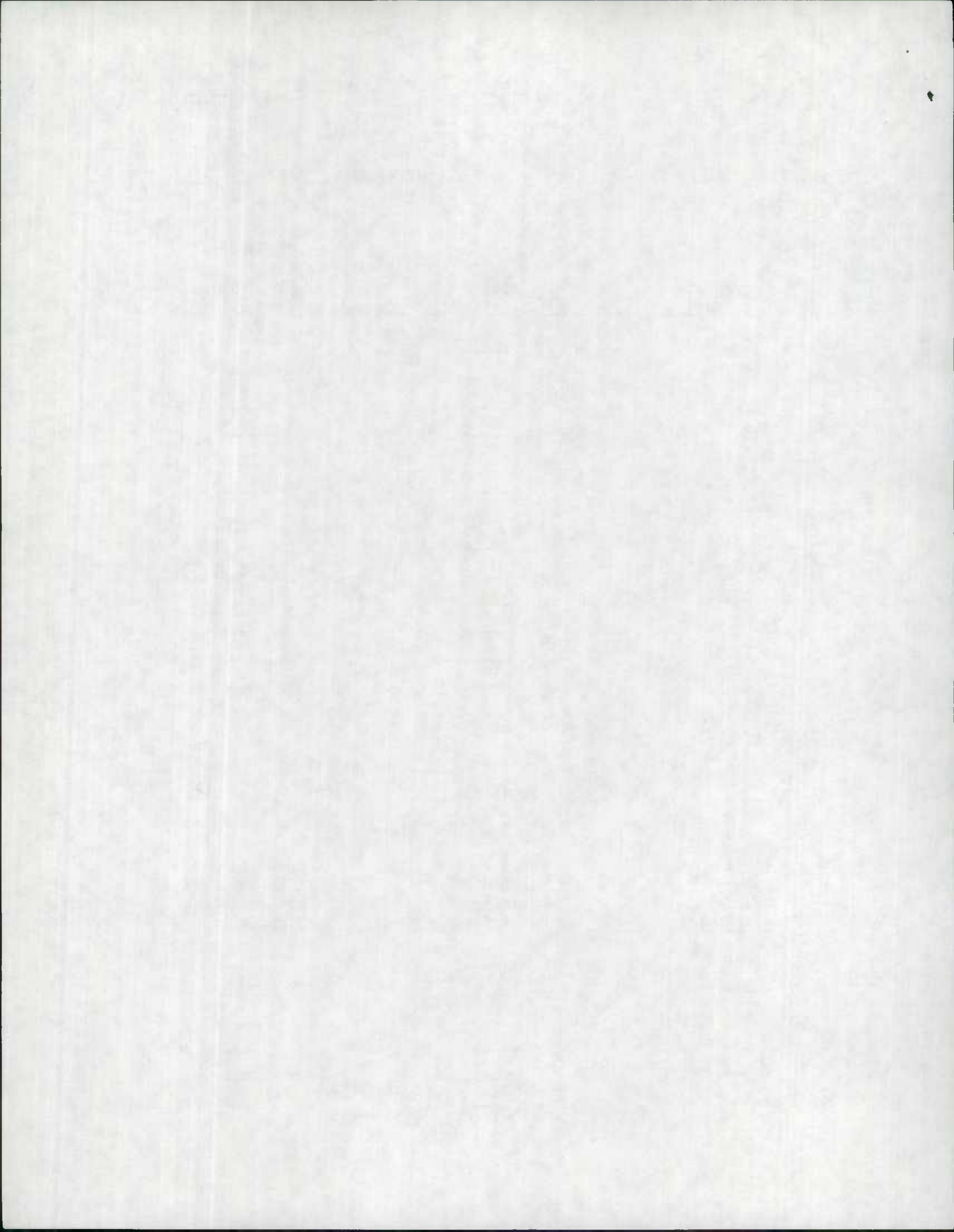
(0.17)

	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>0.06</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>0.11</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+	_____	_____

3.11
↓
3.25
✓

GRADE:
 pt (i) (0,0) pt (ii) (3.3, 0.25) pt (iii) (9, 0.05) 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>0.17</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 51

STARTING MILE POINT: 1.79

ENDING MILE POINT: 2.54

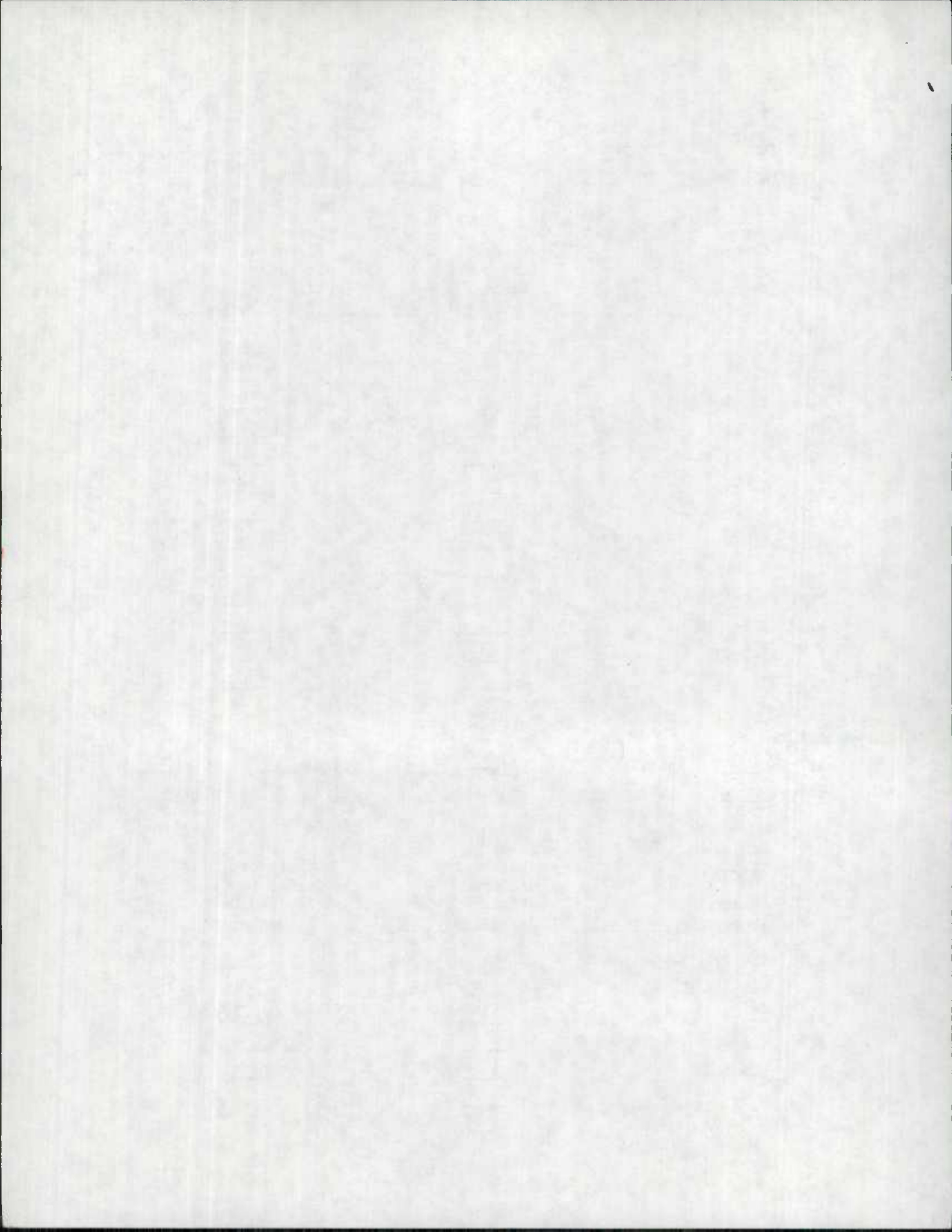
(0.75)

	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>0.75</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) (5.1-11) pt (iii) (22.2, -0.8) pt (iv) (39.6, -3.15) 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>0.42</u>
c.	2.5-4.4	<u>1</u>	<u>0.35</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 51

STARTING MILE POINT: 2.60

ENDING MILE POINT: 2.80

(0.20)

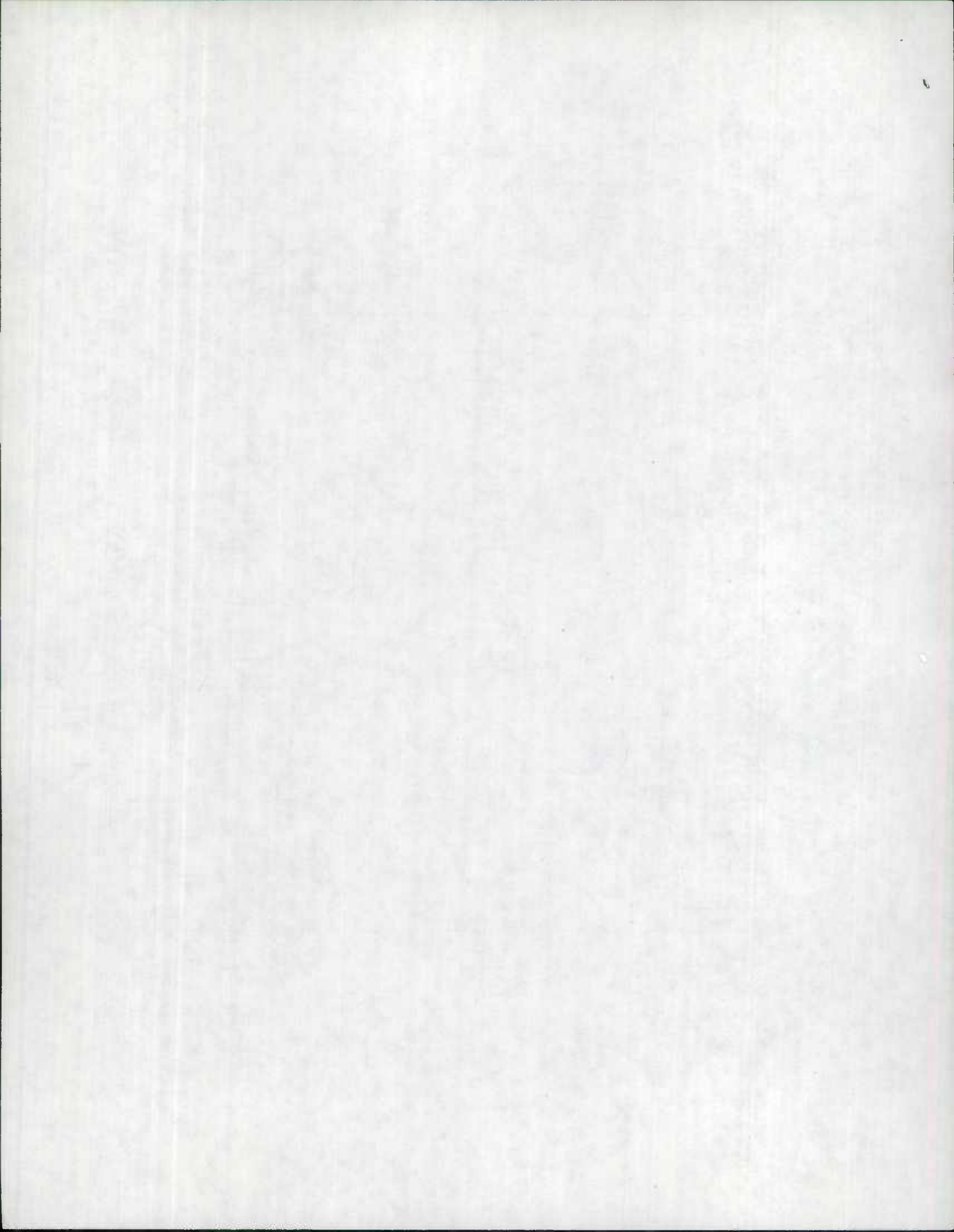
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.20</u>
b.	0.5-1.4	<u> </u>	<u> </u>
c.	1.5-2.4	<u> </u>	<u> </u>
d.	2.5-3.4	<u> </u>	<u> </u>
e.	3.5-4.4	<u> </u>	<u> </u>
f.	4.5-5.4	<u> </u>	<u> </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) (3.1, -0.4) pt(iii) (10.6, -0.95) 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>1</u>	<u>0.14</u>
c.	2.5-4.4	<u>1</u>	<u>0.06</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 51

STARTING MILE POINT: 2.80

ENDING MILE POINT: 2.98

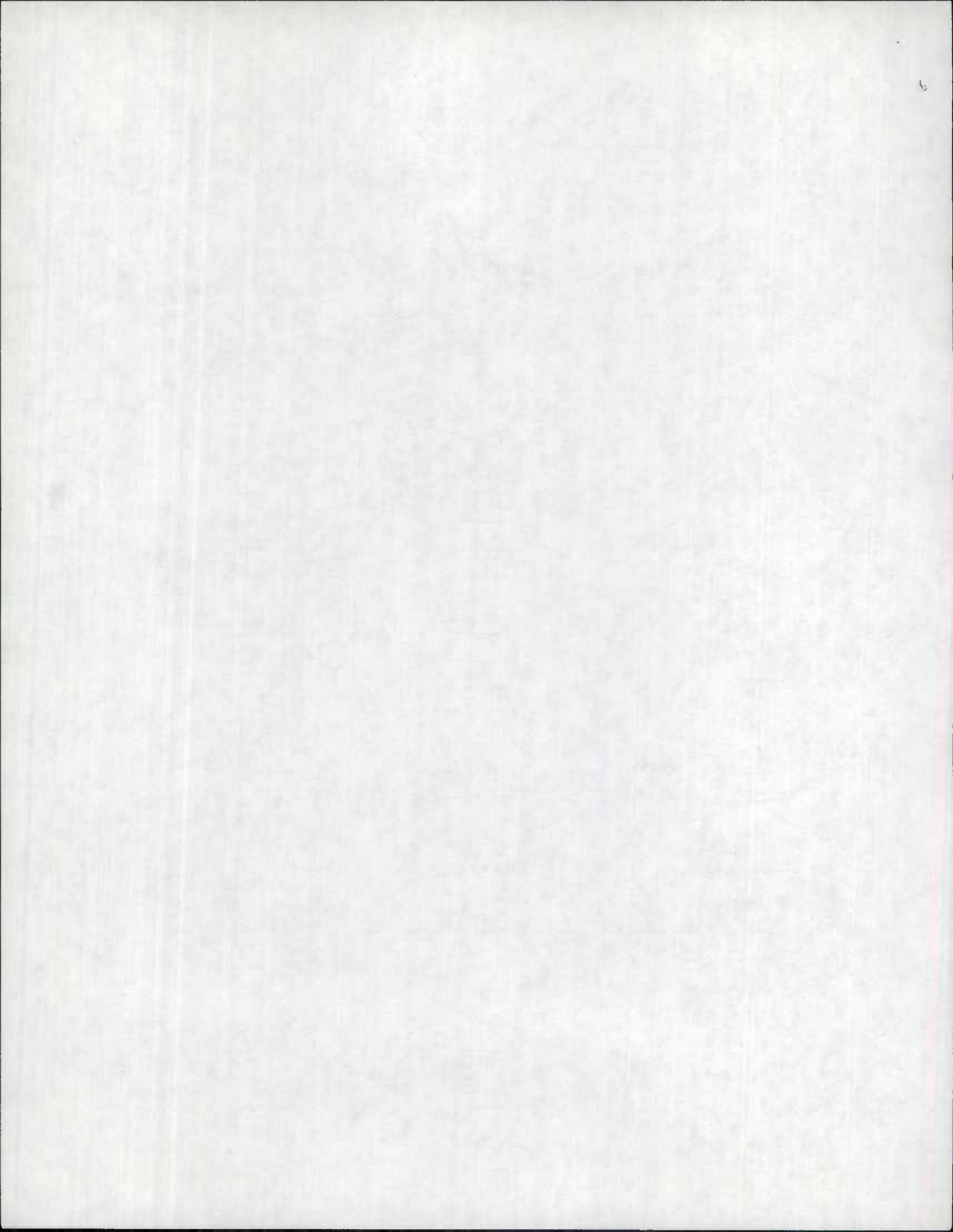
(0.18)

	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	<u> </u>	<u> </u>
c.	1.5-2.4	<u>1</u>	<u>0.10</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>1</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) (5.0-4) pt(iii) (10.0-1) 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> </u>	<u> </u>
b.	0.5-2.4	<u>2</u>	<u>0.18</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: MD 51

STARTING MILE POINT: 3.00

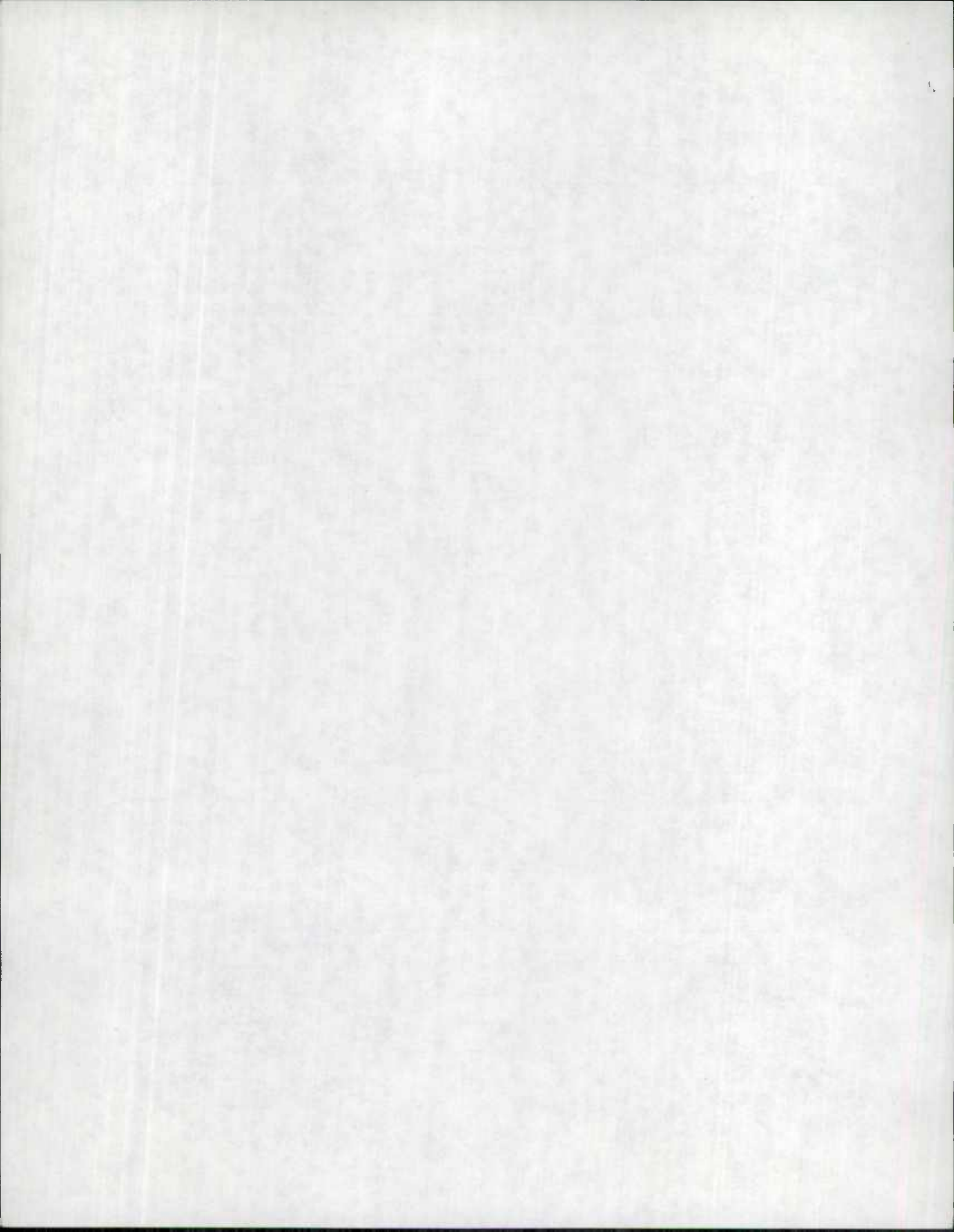
ENDING MILE POINT: 3.11

(0.11)

	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>0.03</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>1</u>	<u>0.08</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) (3.1, 0.2) pt (iii) (5.8, 0.6) 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>1</u>	<u>0.06</u>
c.	2.5-4.4	<u>1</u>	<u>0.05</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 51

STARTING MILE POINT: 3.11

ENDING MILE POINT: 3.25

(0.14)

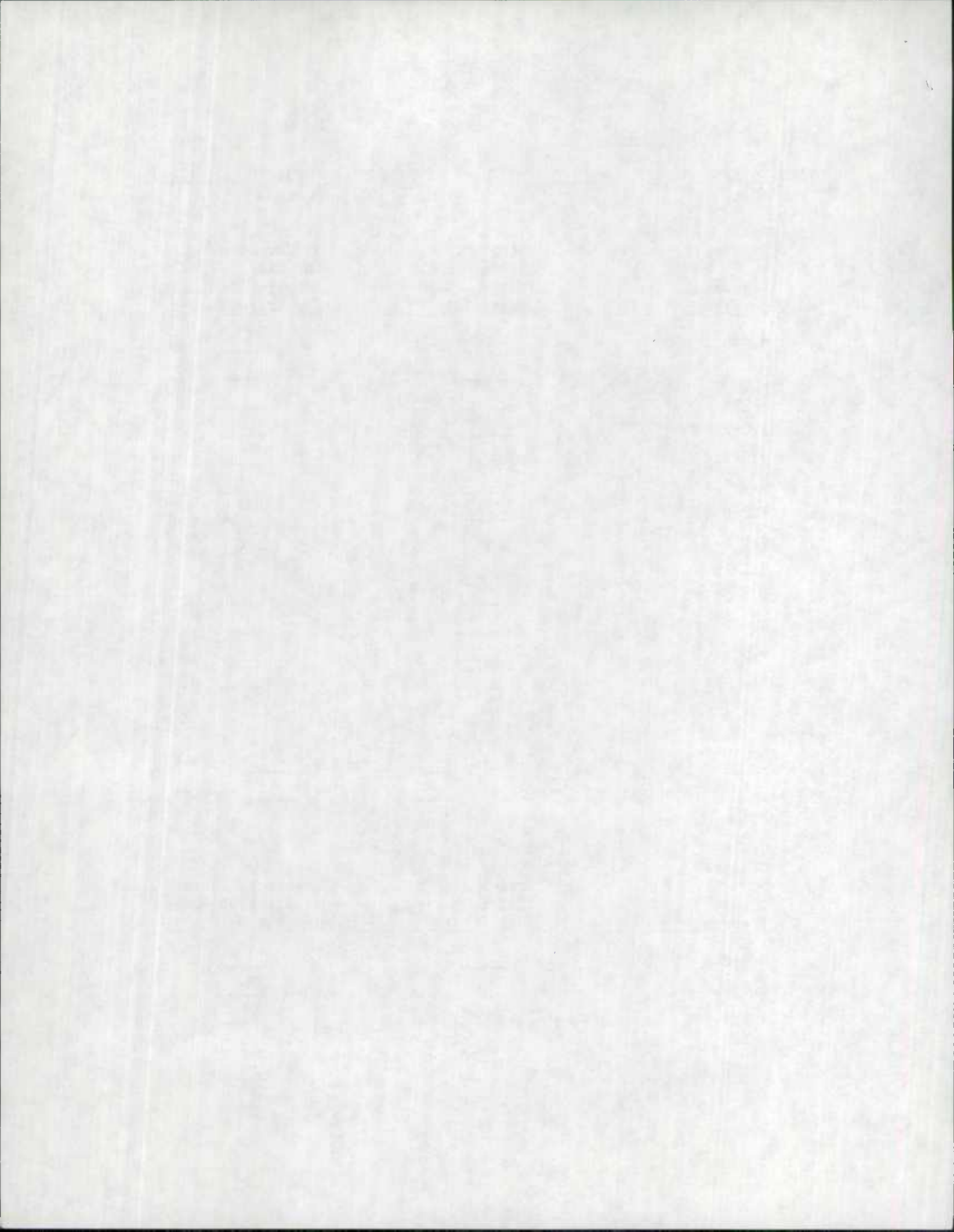
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.14</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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+	_____	_____

(2.0)

GRADE:

pt(i) (0.0) pt(ii) (2.4, 0.2) pt(iii) (6.7, -0.2) pt(iv) (7.9, -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>0.14</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 51

STARTING MILE POINT: 3.25

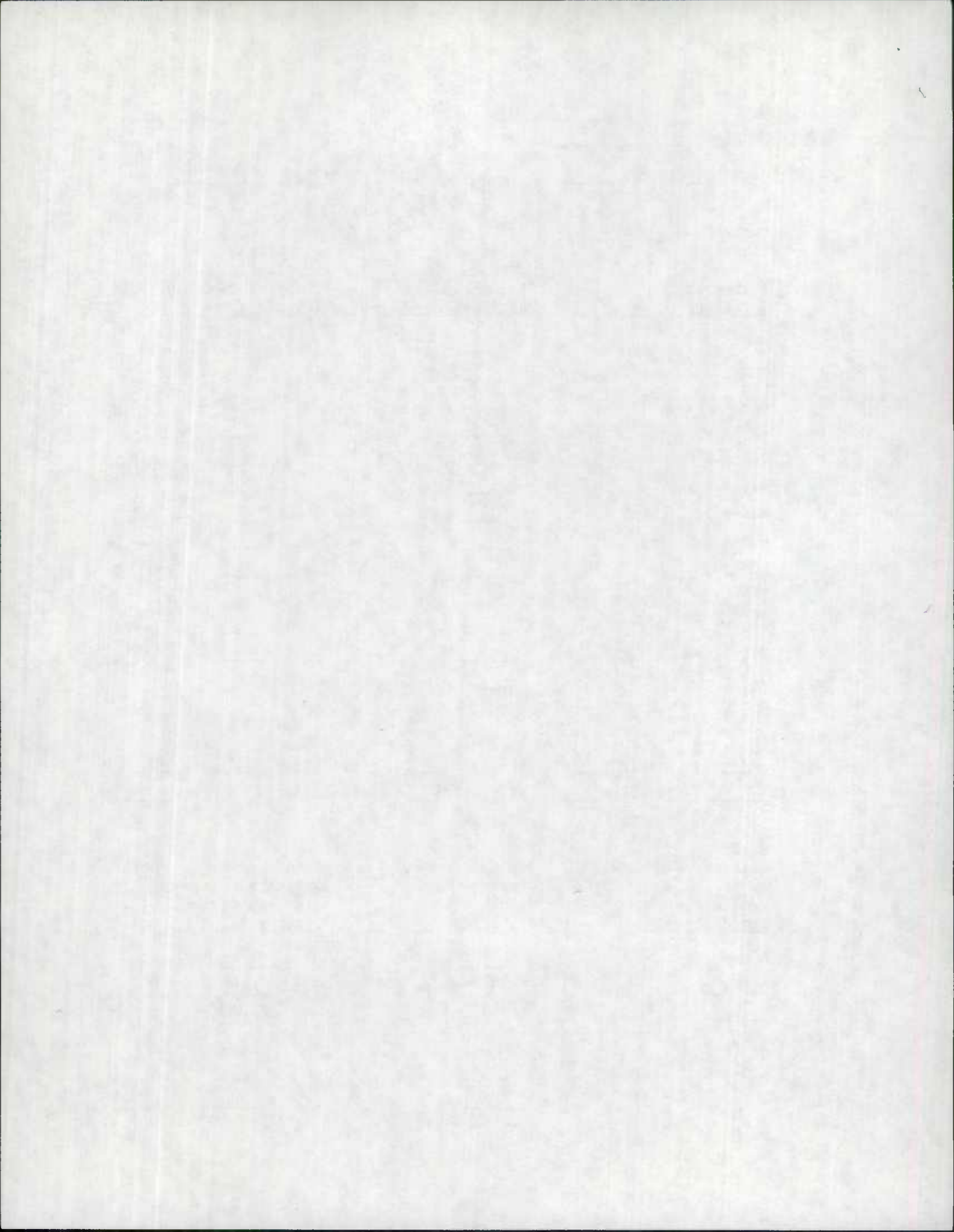
ENDING MILE POINT: 3.46

(0.21)

	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>2</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	<u>1</u>	<u>0.08</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) (3.5, 0.75) pt (iii) (10.5, 0) pt (iv) (11.1, -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>1</u>	<u>0.13</u>
c.	2.5-4.4	<u>2</u>	<u>0.08</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 51

STARTING MILE POINT: 3.46

ENDING MILE POINT: 3.75

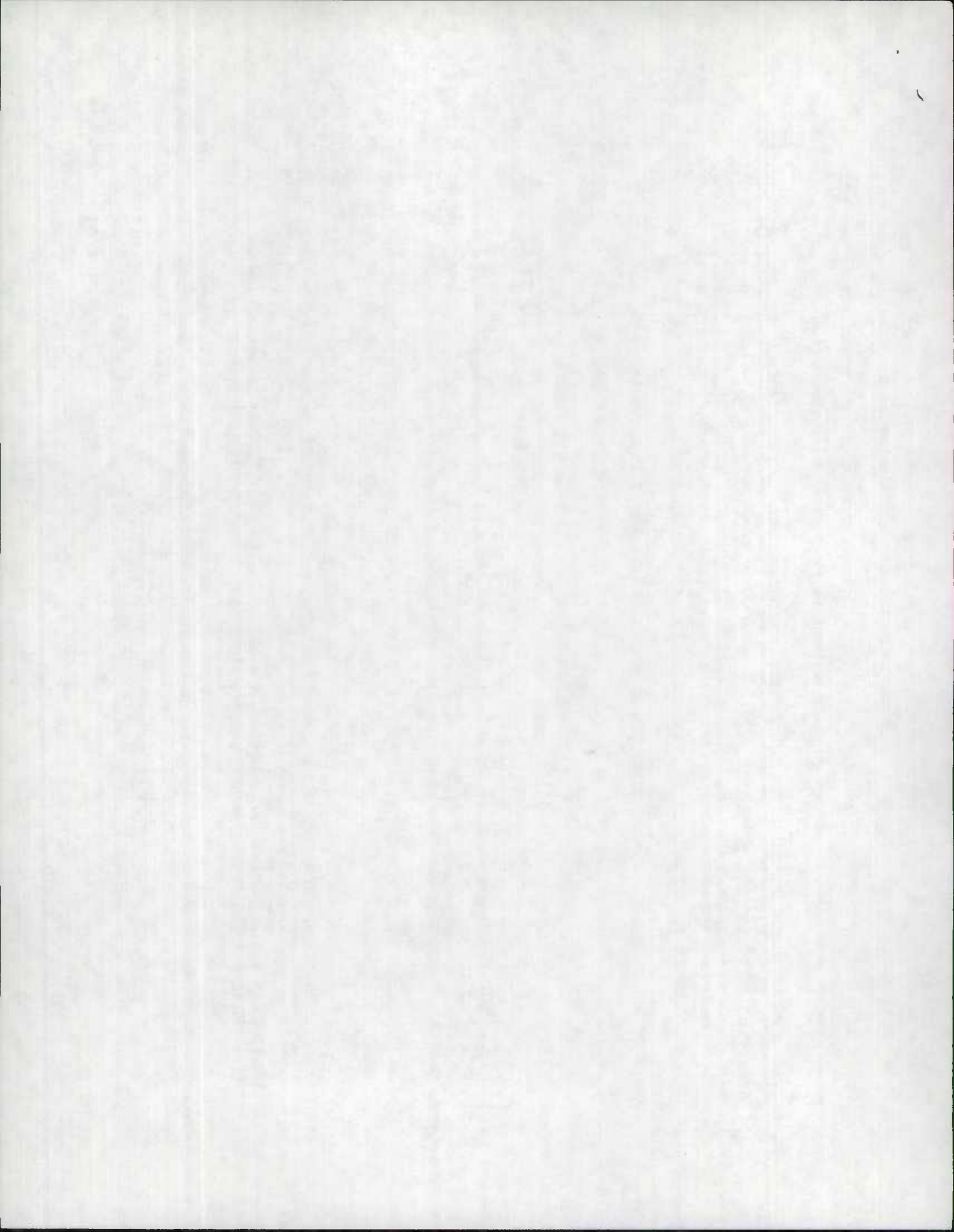
(0.29)

	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>2</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	<u>1</u>	<u>0.13</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) (3.9, -1.25) pt (iii) (7.3, -0.3) pt (iv) (13.85, -0.8) pt (v) (15.3, -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>1</u>	<u>0.12</u>
c.	2.5-4.4	<u>1</u>	<u>0.03</u>
d.	4.5-6.4	<u>2</u>	<u>0.14</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 53

STARTING MILE POINT: 2.18

ENDING MILE POINT: 2.5

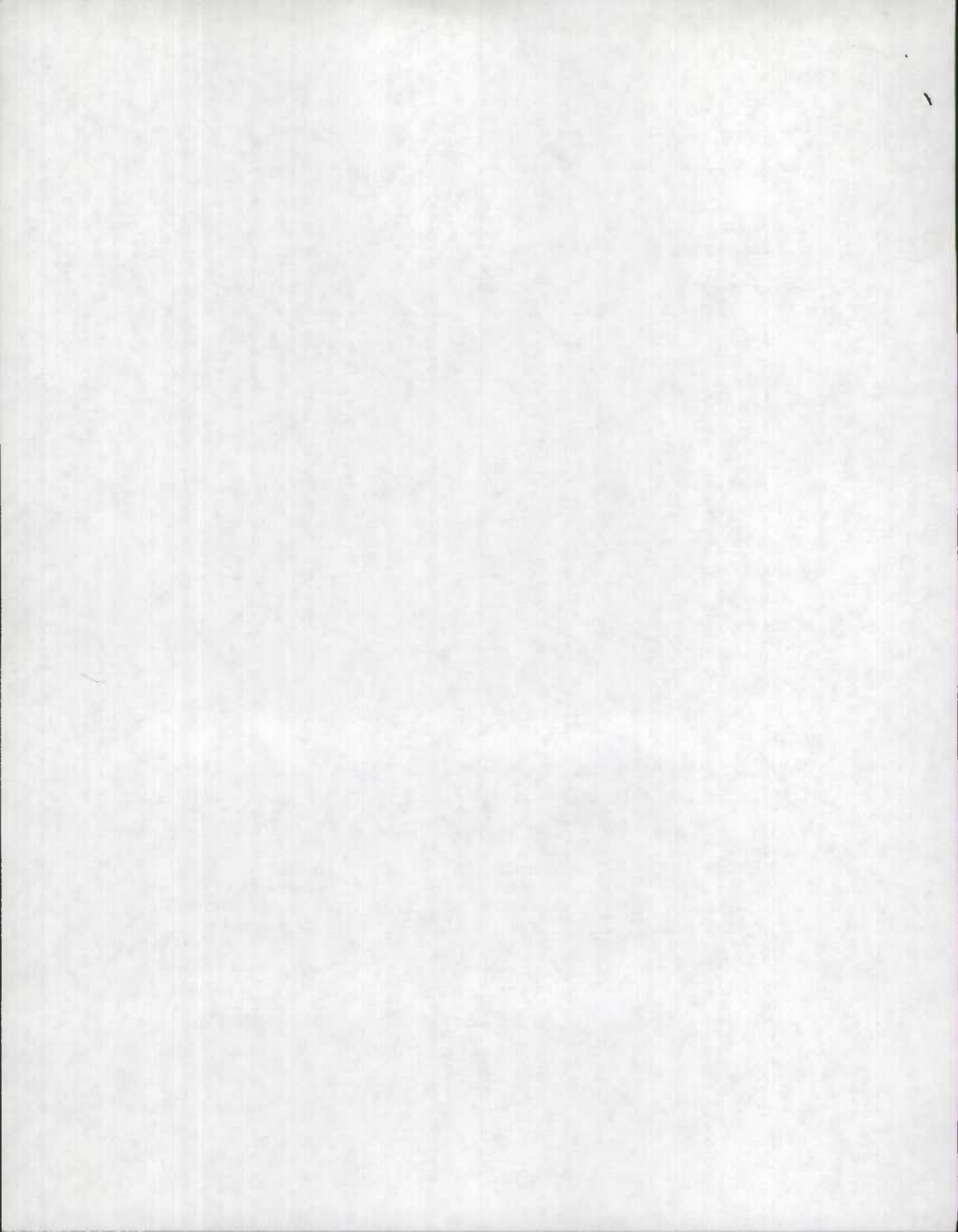
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>3</u>	<u>0.14</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	<u>1</u>	<u>0.18</u>
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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+	_____	_____

(0.32)

GRADE:

pt (i) (6.0) pt (ii) (3.7, -0.2) pt (iii) (8.3, -0.8) pt (iv) (13.3, 0.2) pt (v) (17.4, 1.1)
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>0.16</u>
c.	2.5-4.4	<u>1</u>	<u>0.26</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



6
12

01/28 m-t1

01-20-00

ROUTE NUMBER: US 40 AL

STARTING MILE POINT: 1.45

ENDING MILE POINT: 1.53

(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) (1.3, 0.0) pt (iii) (2.7, 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	<u>1</u>	<u>0.03</u>
b.	0.5-2.4	_____	_____
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: US 40 AL

STARTING MILE POINT: 1.53

ENDING MILE POINT: 1.69

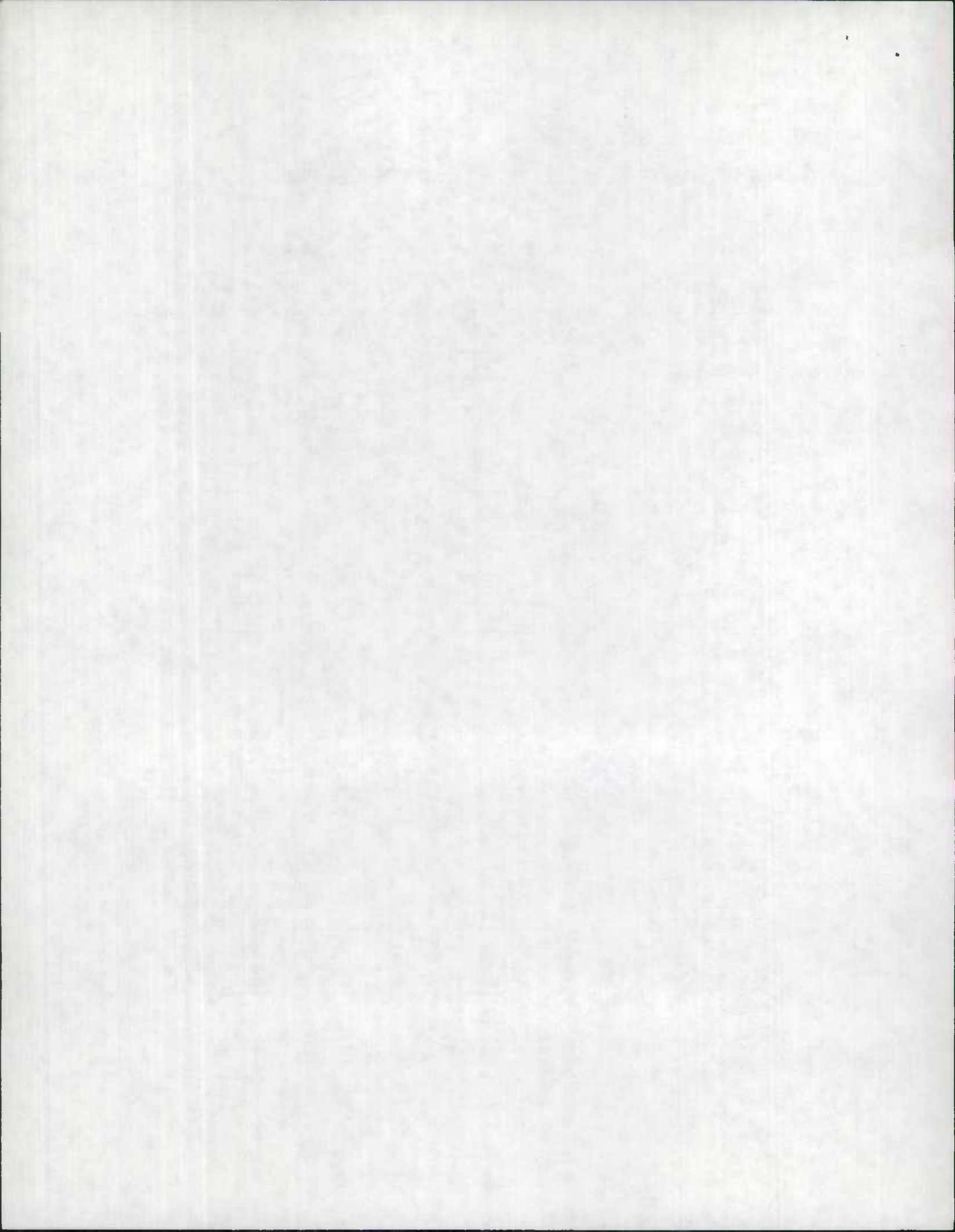
(0.16)

	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>0.08</u>
b.	0.5-1.4	<u> </u>	<u> </u>
c.	1.5-2.4	<u>1</u>	<u>0.08</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) (6.65, 1.9) pt (iii) 8.4, 1.9 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>0.03</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>1</u>	<u>0.13</u>
e.	6.5-8.4	<u> </u>	<u> </u>
f.	8.5-	<u> </u>	<u> </u>



ROUTE NUMBER: US 40 AL

STARTING MILE POINT: 1.69

ENDING MILE POINT: 1.8

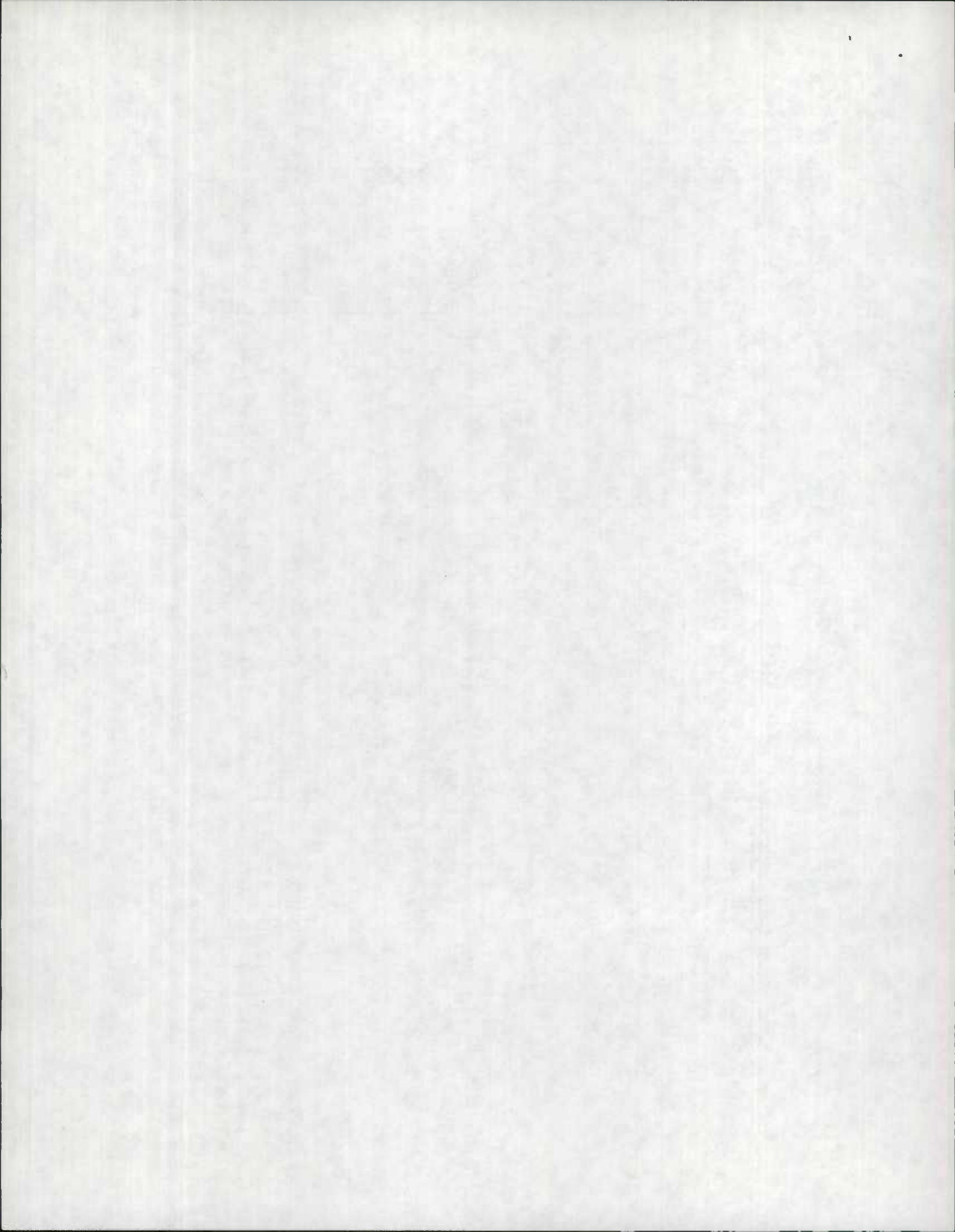
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.11</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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+	_____	_____

(0.11)

GRADE:

pt(i) (6.0) pt(ii) (1.9, -0.3) pt(iii) (5.8, -1.85) 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>0.04</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	<u>1</u>	<u>0.07</u>
f.	8.5-	_____	_____



ROUTE NUMBER: US 410 AL

STARTING MILE POINT: 1.80

ENDING MILE POINT: 1.95

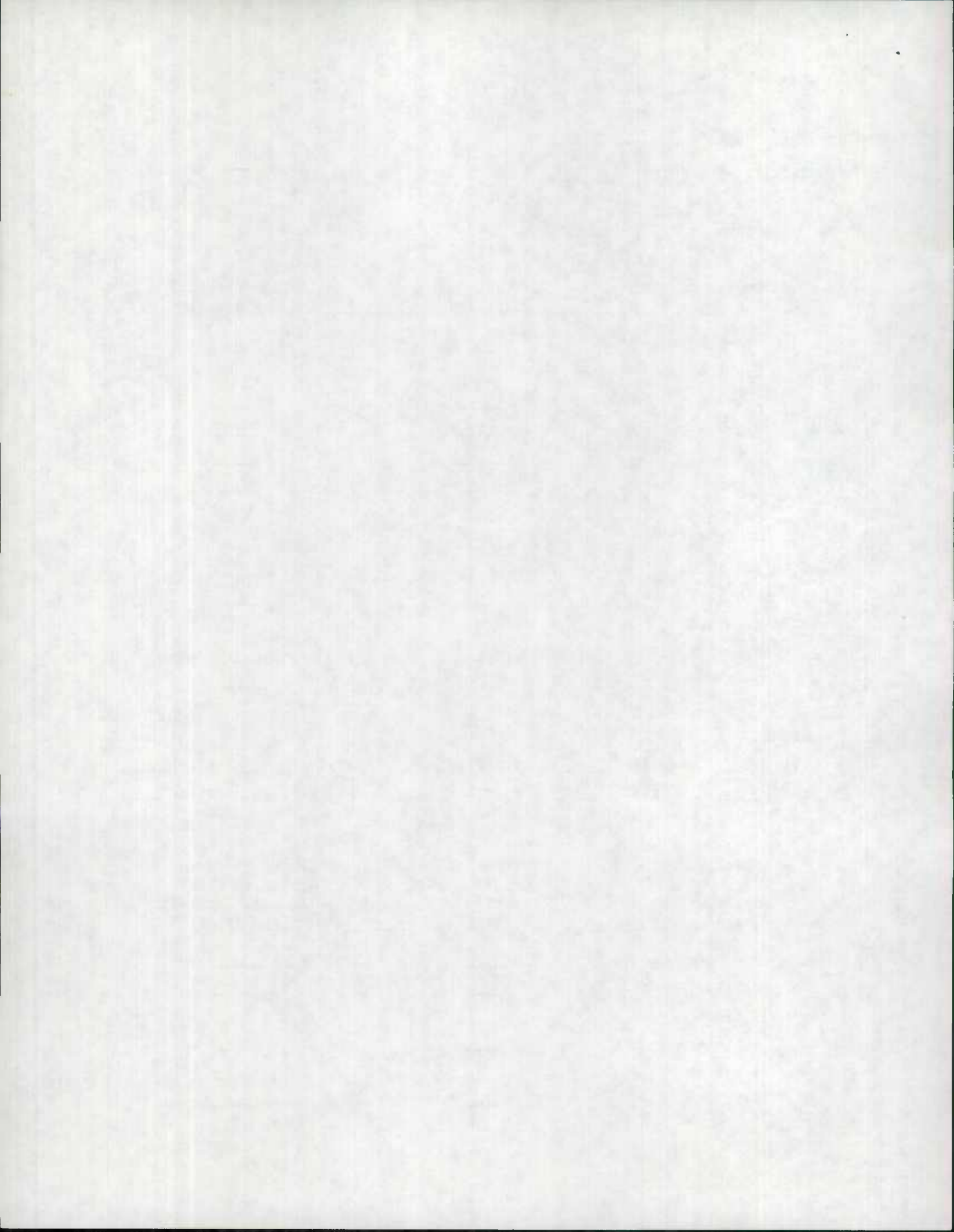
(0.15)

	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>2</u>	<u>0.08</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	<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) <u>(0.10)</u>	pt (ii) <u>(3.1-0.4)</u>	pt (iii) <u>(6.3-0.9)</u>	pt (iv) <u>(7.9-1.7)</u>	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-	<u>1</u>	<u>0.03</u>



ROUTE NUMBER: US 40 AL

STARTING MILE POINT: 1.95

ENDING MILE POINT: 2.07

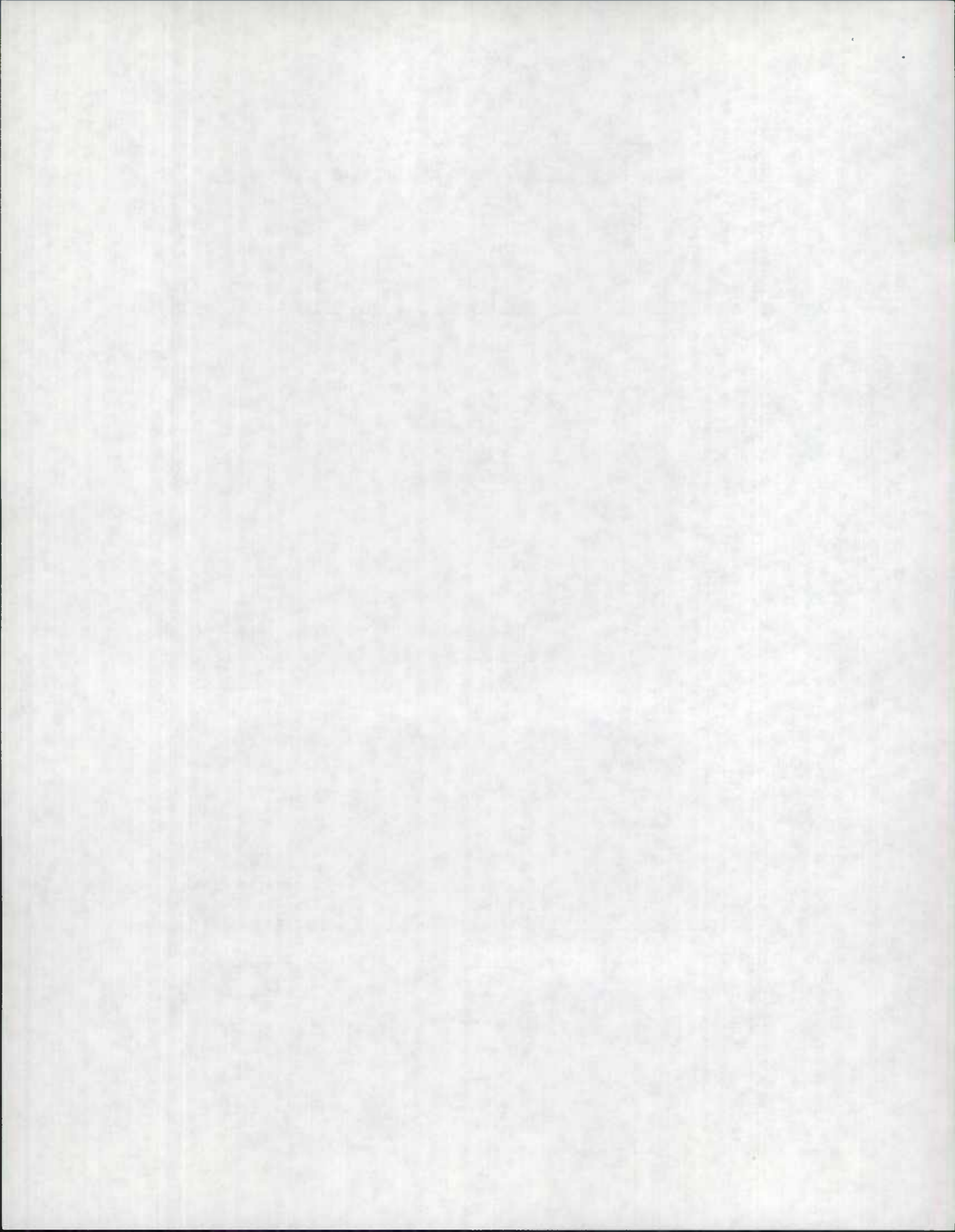
(0.12)

	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) (6.31 - 3.39) 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-	<u>1</u>	<u>0.12</u>



ROUTE NUMBER: US 40 AL

STARTING MILE POINT: 2.07

ENDING MILE POINT: 2.10

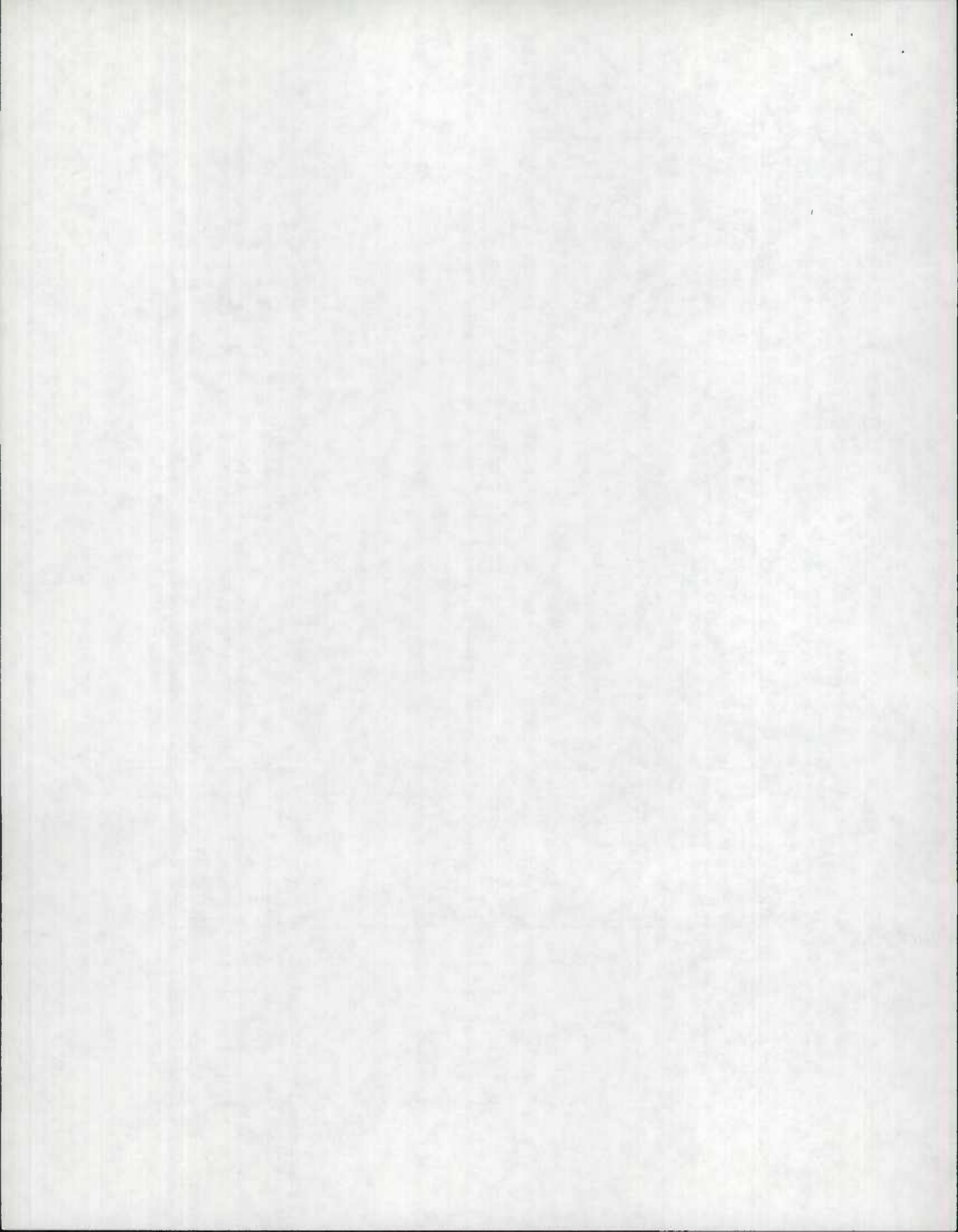
	Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.03</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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+	_____	_____

(0.03)

GRADE:

pt (i) 0.0 pt (ii) (1.6) - 0.8 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-	<u>1</u>	<u>0.03</u>



ROUTE NUMBER: US 40 AL

STARTING MILE POINT: 2.10

ENDING MILE POINT: 2.30

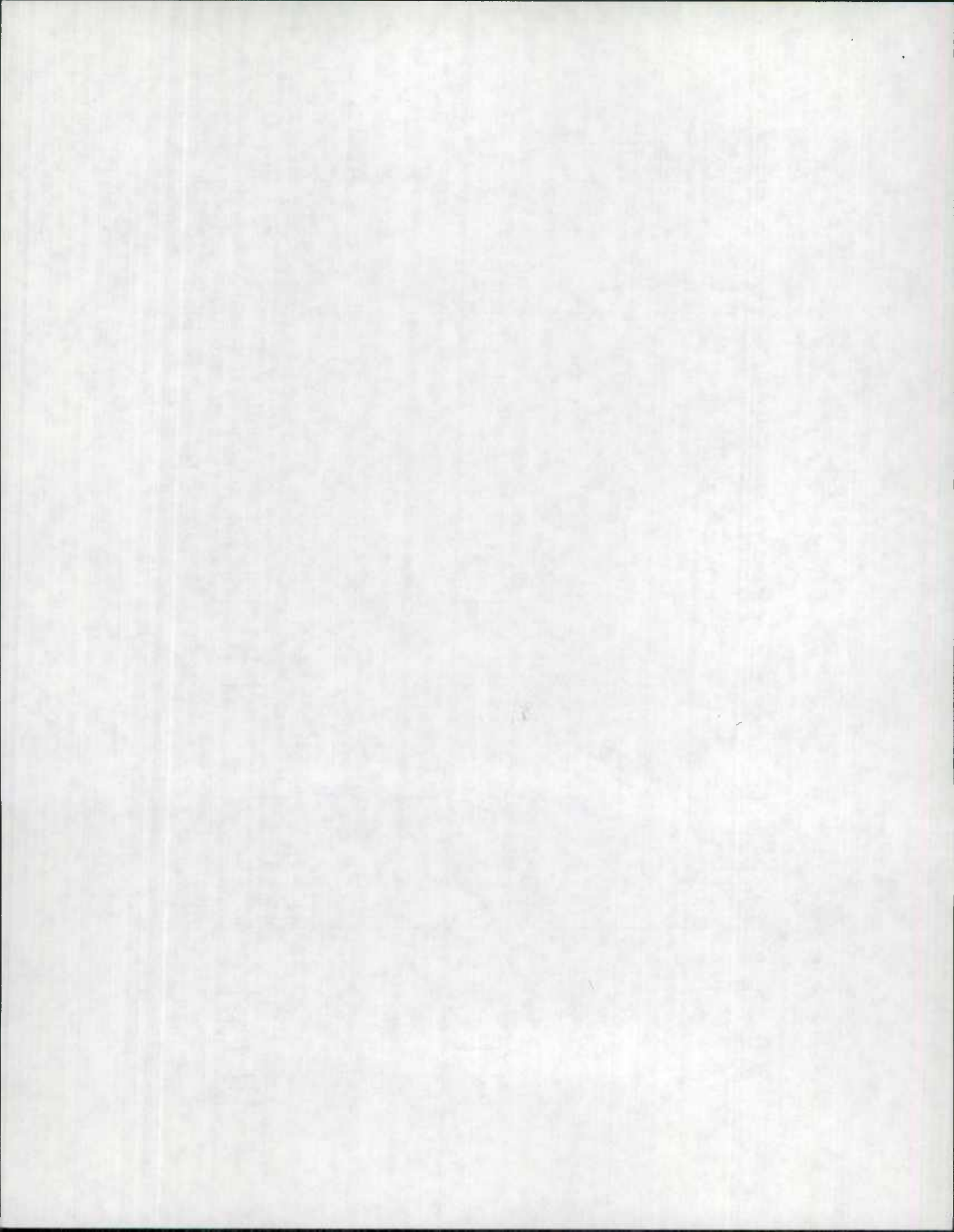
Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a. 0.0-0.4	<u>1</u>	<u>0.12</u>
b. 0.5-1.4	<u> </u>	<u> </u>
c. 1.5-2.4	<u> </u>	<u> </u>
d. 2.5-3.4	<u> </u>	<u> </u>
e. 3.5-4.4	<u> </u>	<u> </u>
f. 4.5-5.4	<u> </u>	<u> </u>
g. 5.5-6.9	<u>1</u>	<u>0.08</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>

(0.20)

GRADE:

pt (i) (0.10) pt (ii) (2.7, -1.5) pt (iii) (4.7, -1.4) pt (iv) (8.3, -2.2) pt (v) (10.55, 3.4)
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> </u>	<u> </u>
b. 0.5-2.4	<u> </u>	<u> </u>
c. 2.5-4.4	<u>2</u>	<u>0.10</u>
d. 4.5-6.4	<u> </u>	<u> </u>
e. 6.5-8.4	<u> </u>	<u> </u>
f. 8.5-	<u>2</u>	<u>0.10</u>



ROUTE NUMBER: US 40 AL

STARTING MILE POINT: 2.30

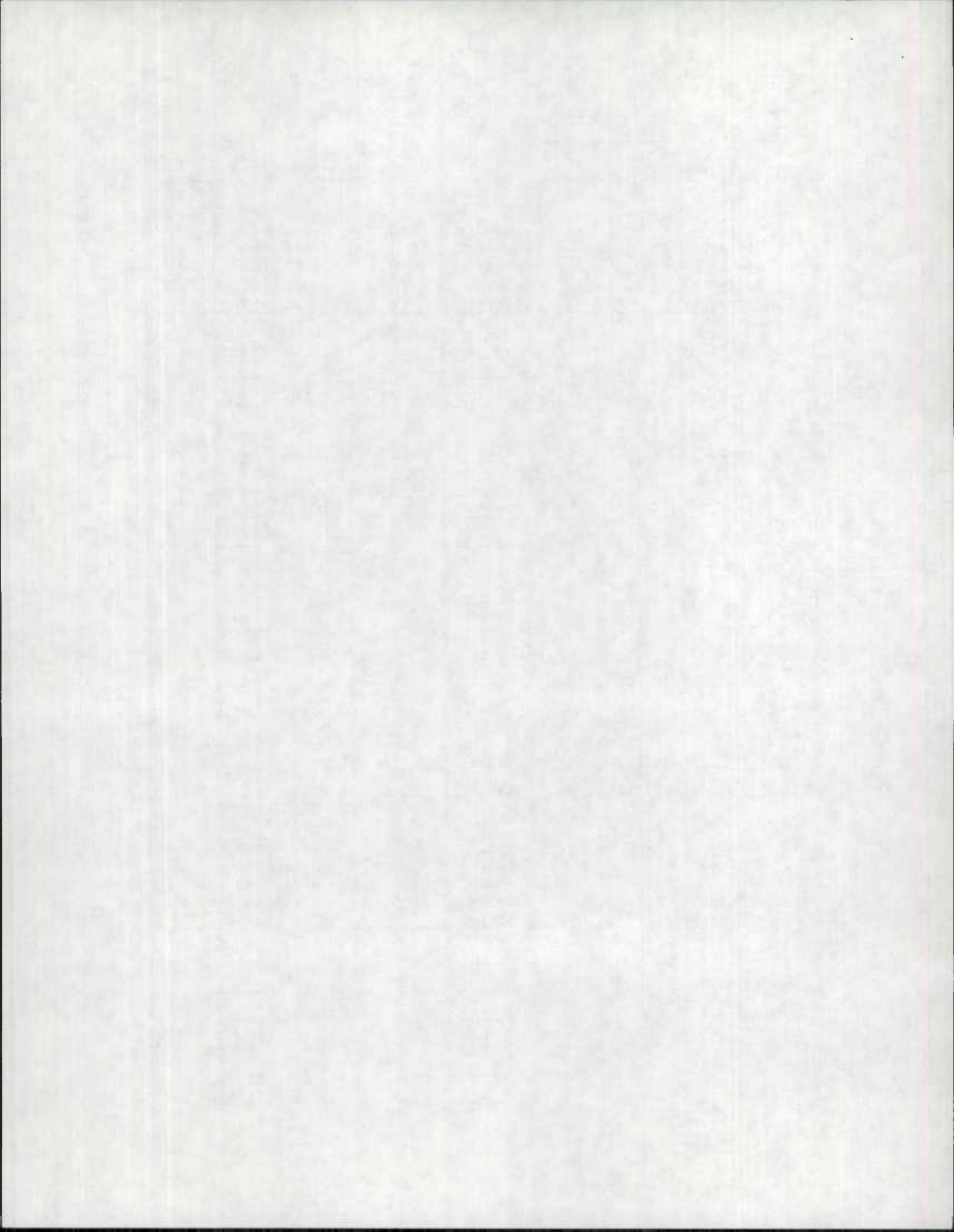
ENDING MILE POINT: 2.41

	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>0.11</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) 0.10 pt (ii) (3.1, -2.3) pt (iii) (5.9, -2.8) 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	<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>1</u>	<u>0.04</u>
e.	6.5-8.4	<u> </u>	<u> </u>
f.	8.5-	<u>1</u>	<u>0.07</u>



ROUTE NUMBER: US 40 AL

STARTING MILE POINT: 6.97

ENDING MILE POINT: 7.02

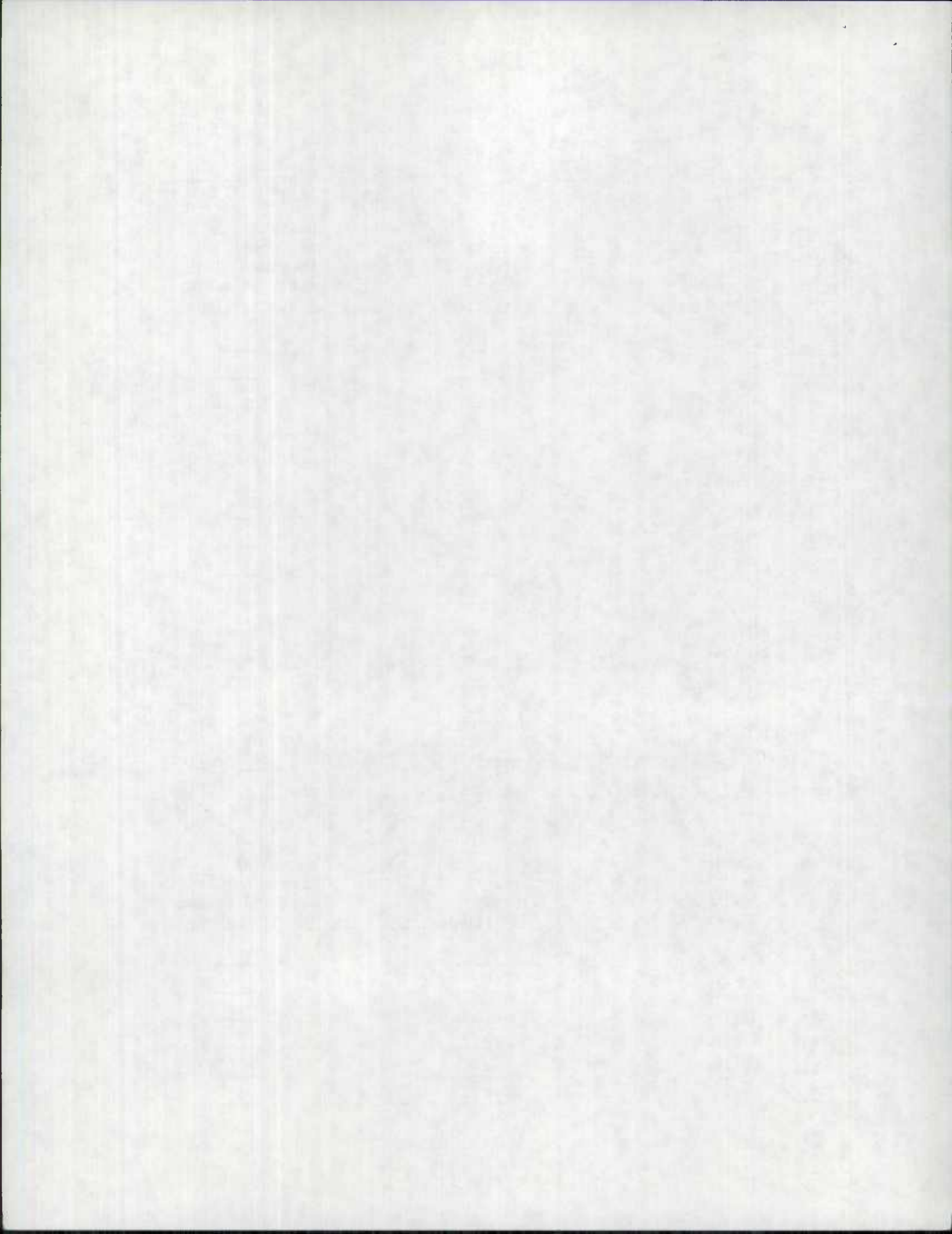
(0.05)

	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) (0.10) pt(ii) (2.65, -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	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	<u>1</u>	<u>0.05</u>
f.	8.5-	_____	_____



ROUTE NUMBER: US 40 AL

STARTING MILE POINT: 7.02

ENDING MILE POINT: 7.59

(0.57)

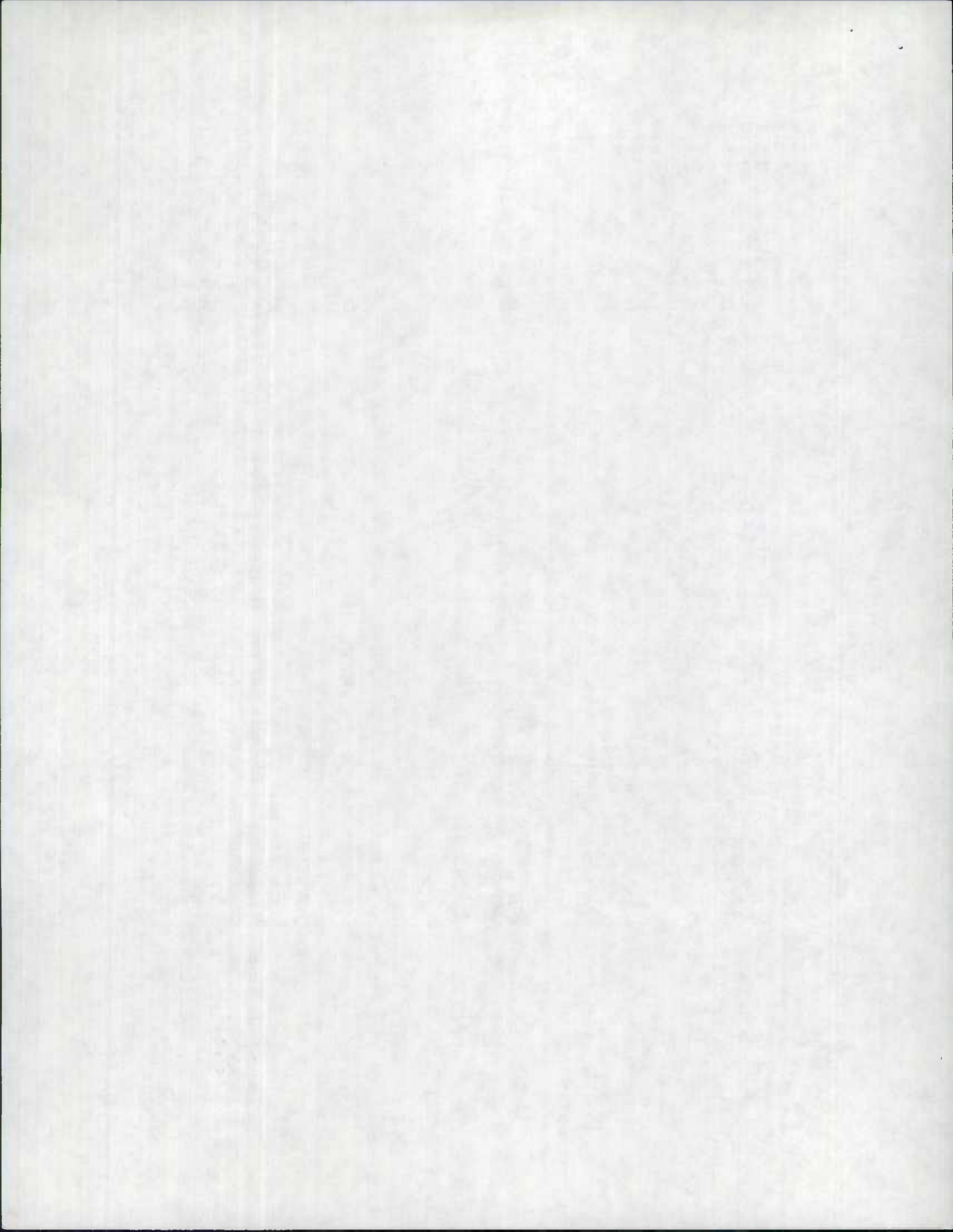
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.57</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
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) (5.1, -2.6) pt (iii) (8.3, -7.2) pt (iv) (30, -10) 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	<u>1</u>	<u>0.22</u>
e.	6.5-8.4	<u>1</u>	<u>0.25</u>
f.	8.5-	<u>1</u>	<u>0.10</u>



ROUTE NUMBER: US 40 AL

STARTING MILE POINT: 9.20

ENDING MILE POINT: 9.44

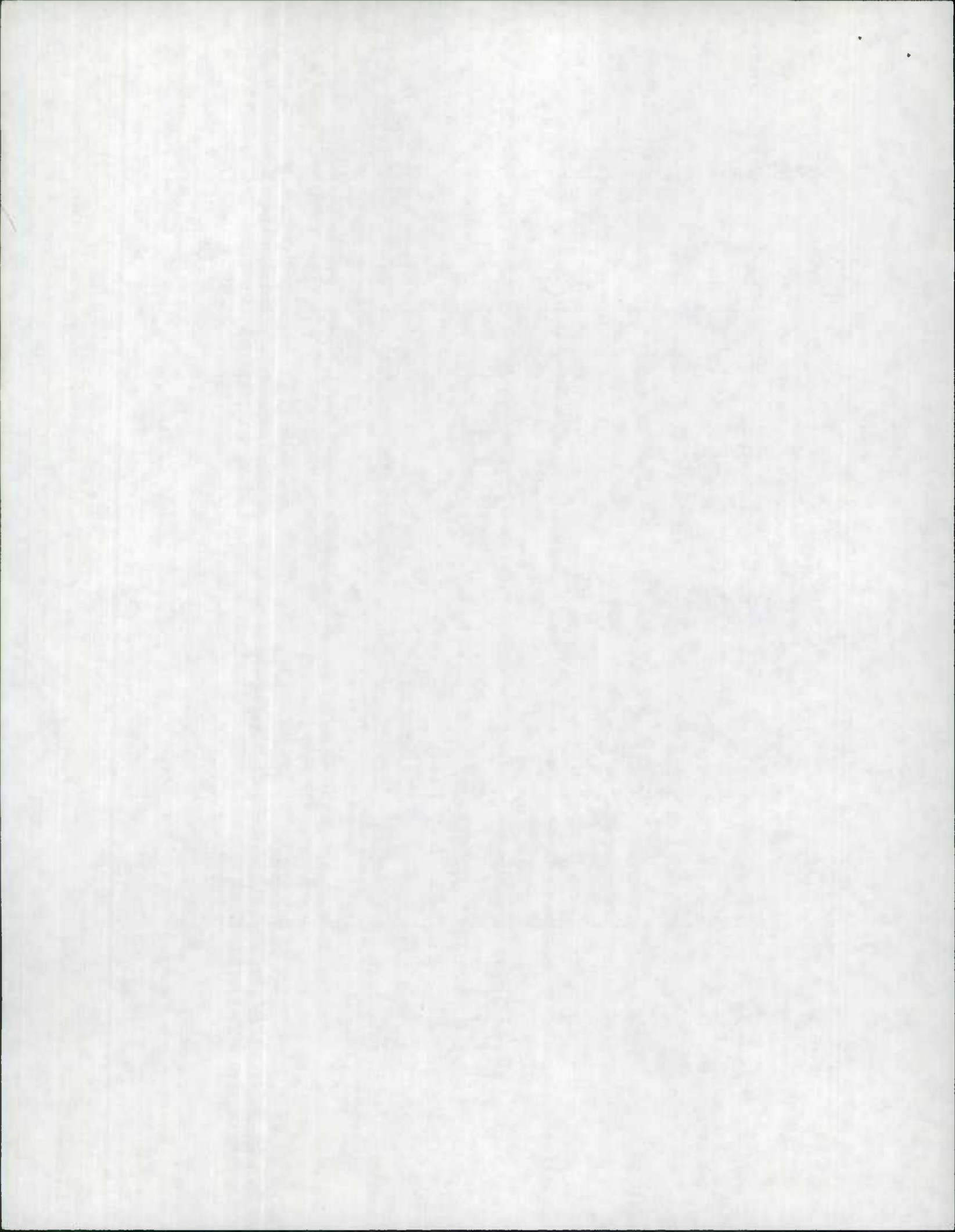
(0.24)

	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) (12.71, -2.8) 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>0.24</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: 119 10 AL

STARTING MILE POINT: 9.44

ENDING MILE POINT: 10.31

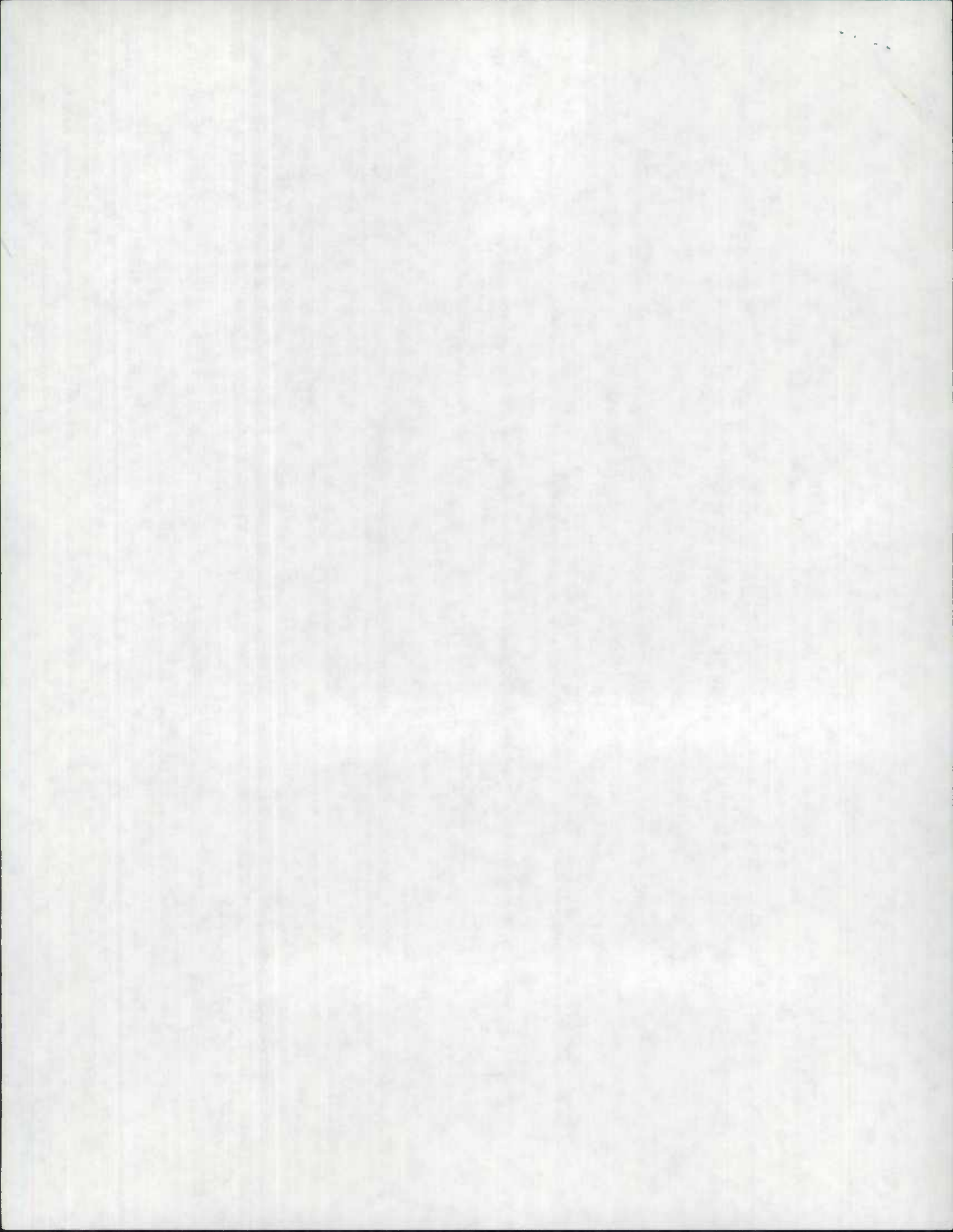
(0.87)

	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>0.63</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	<u>1</u>	<u>0.17</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	<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) (7.5, -1.4) pt(iii) (21.5, -4.7) pt(iv) (27.3, -4.4) pt(v) 45.9, -6.9
 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>0.11</u>
c.	2.5-4.4	<u>2</u>	<u>0.50</u>
d.	4.5-6.4	<u>1</u>	<u>0.26</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



~~US 220~~
 15
 7

01/30M-H

ROUTE NUMBER: US 220

STARTING MILE POINT: 1.76

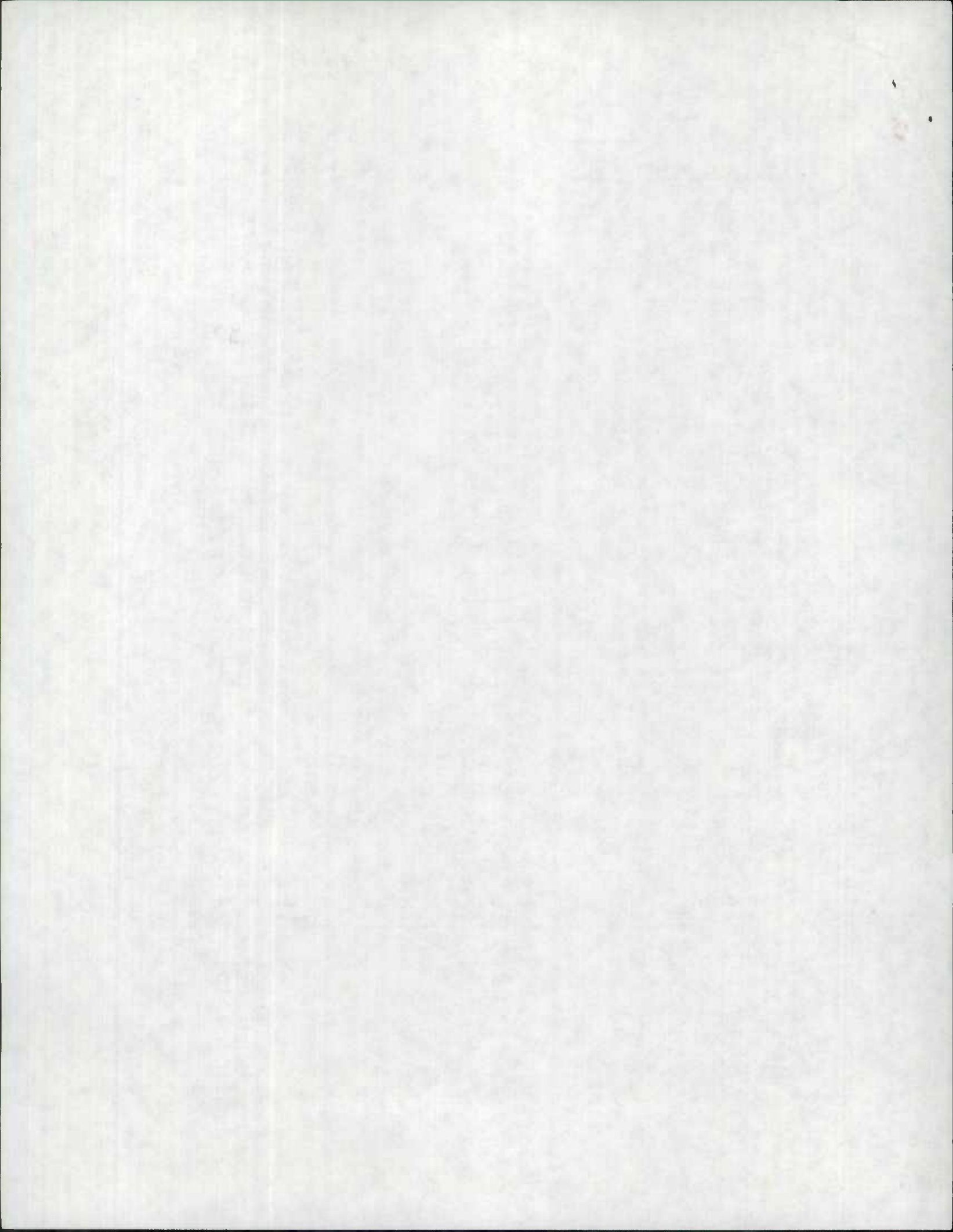
ENDING MILE POINT: 3.00

	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>0.79</u>
b.	0.5-1.4	<u> </u>	<u> </u>
c.	1.5-2.4	<u>1</u>	<u>0.28 + 0.12</u>
d.	2.5-3.4	<u>1</u>	<u>0.10</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) (1.8, -0.4) pt (iii) (17.3, -1.1) pt (iv) (22.9, -2) pt (v) (29.6, -2.3)
 pt (vi) (29.1, -3.7) pt (vii) (58.7, -5.1) pt (viii) (65.4, -4.6) 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>4</u>	<u>1.10</u>
c.	2.5-4.4	<u>2</u>	<u>0.12</u>
d.	4.5-6.4	<u> </u>	<u> </u>
e.	6.5-8.4	<u> </u>	<u> </u>
f.	8.5-	<u>1</u>	<u>0.02</u>



ROUTE NUMBER: US 220

STARTING MILE POINT: 14.92

ENDING MILE POINT: 15.25

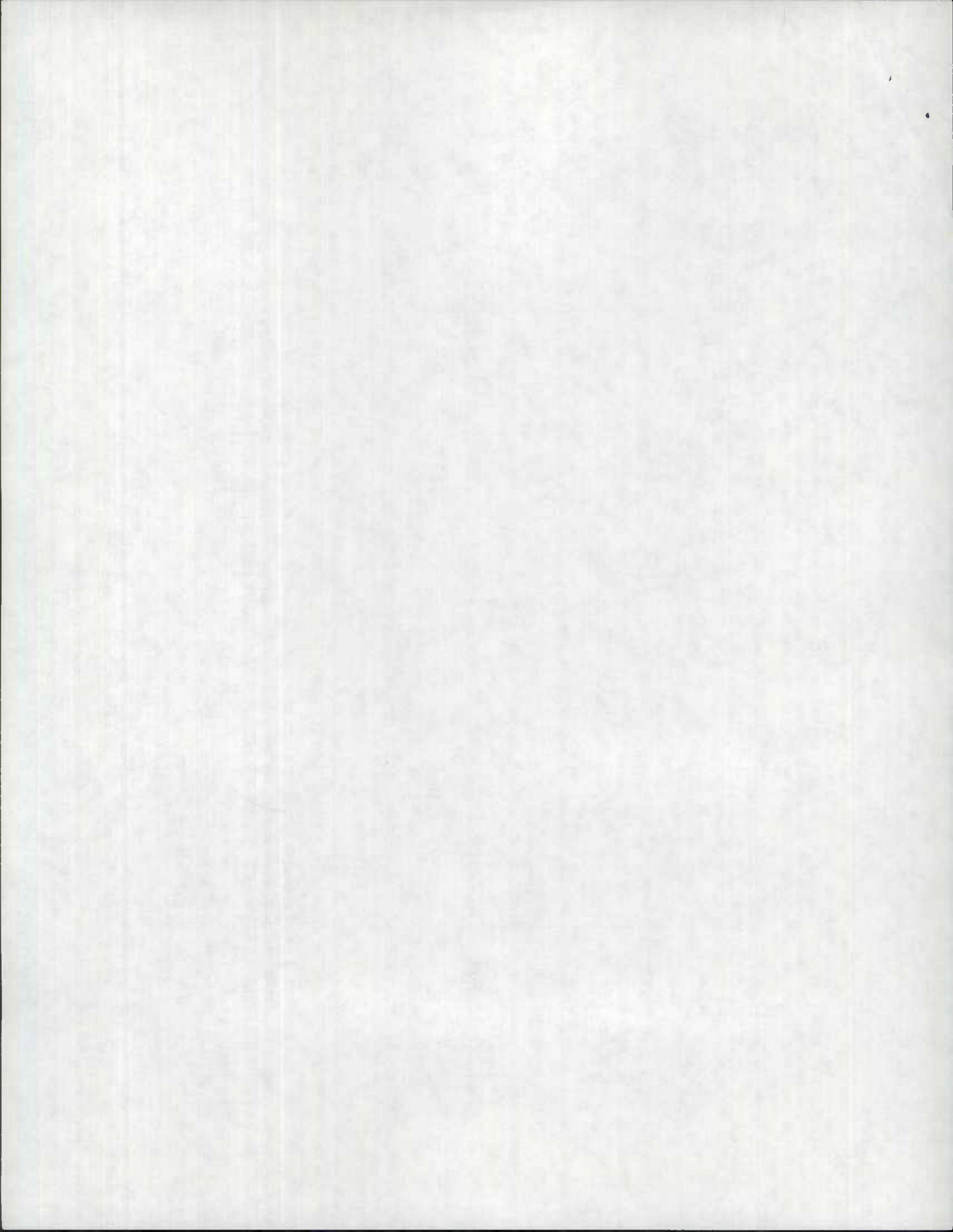
(0.33)

	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>0.33</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) (3.4, 0.2) pt(iii) (9.2, 0.18) pt(iv) (13.2, 0.8) pt(v) (14.4, -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>0.09</u>
b.	0.5-2.4	<u>3</u>	<u>0.24</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 220

STARTING MILE POINT: 23.10

ENDING MILE POINT: 23.55

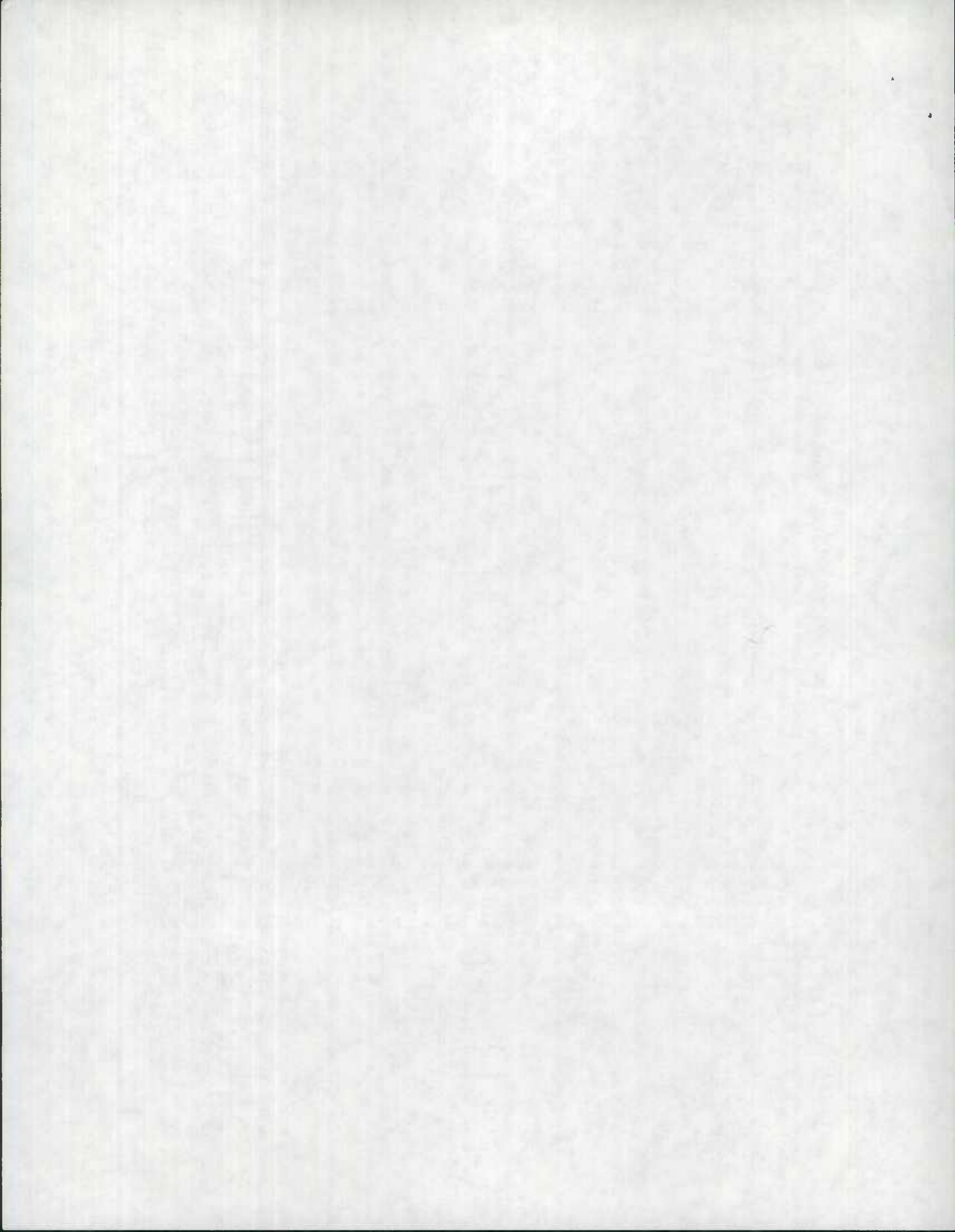
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4 →	<u>1</u>	<u>0.38</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4 →	<u>1</u>	<u>0.07</u>
g.	5.5-6.9	_____	_____
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: (0.0)

pt(i) (23.2, -0.75) pt(ii) (11, -0.2) pt(iii) (14.3, -0.15) pt(iv) (21.5, 0.5)

pt(vi) (23.8, 0.6) 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>0.06</u>
b.	0.5-2.4	<u>3</u>	<u>0.33</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	<u>1</u>	<u>0.06</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 220

STARTING MILE POINT: 23.55

ENDING MILE POINT: 23.67

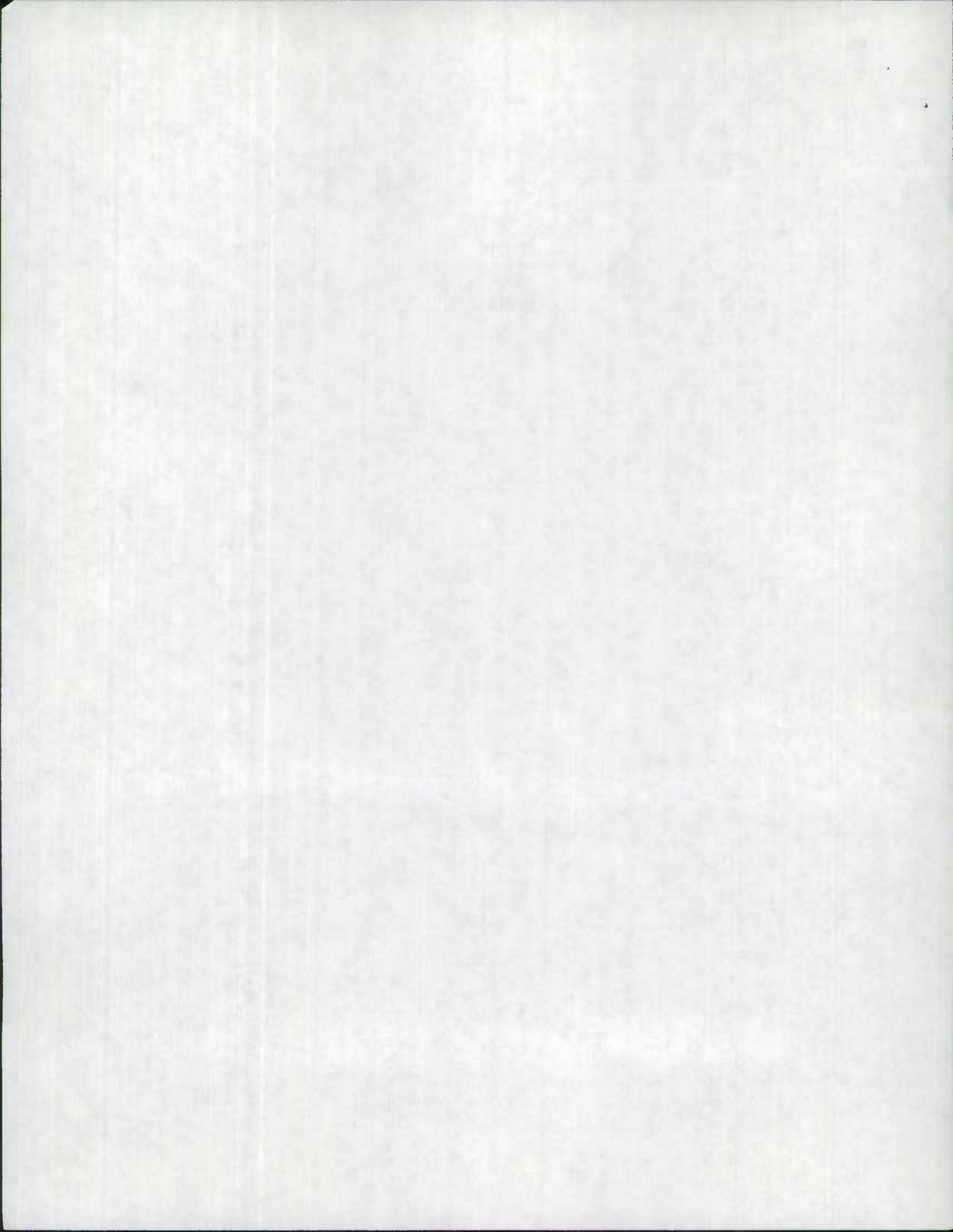
(0.12)

	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) (2.6, 0.2) pt(iii) (5.6, 0.3) pt(iv) (6.7, 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>1</u>	<u>0.04</u>
c.	2.5-4.4	<u>2</u>	<u>0.18</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 220

STARTING MILE POINT: 23.67

ENDING MILE POINT: 23.86

(0.19)

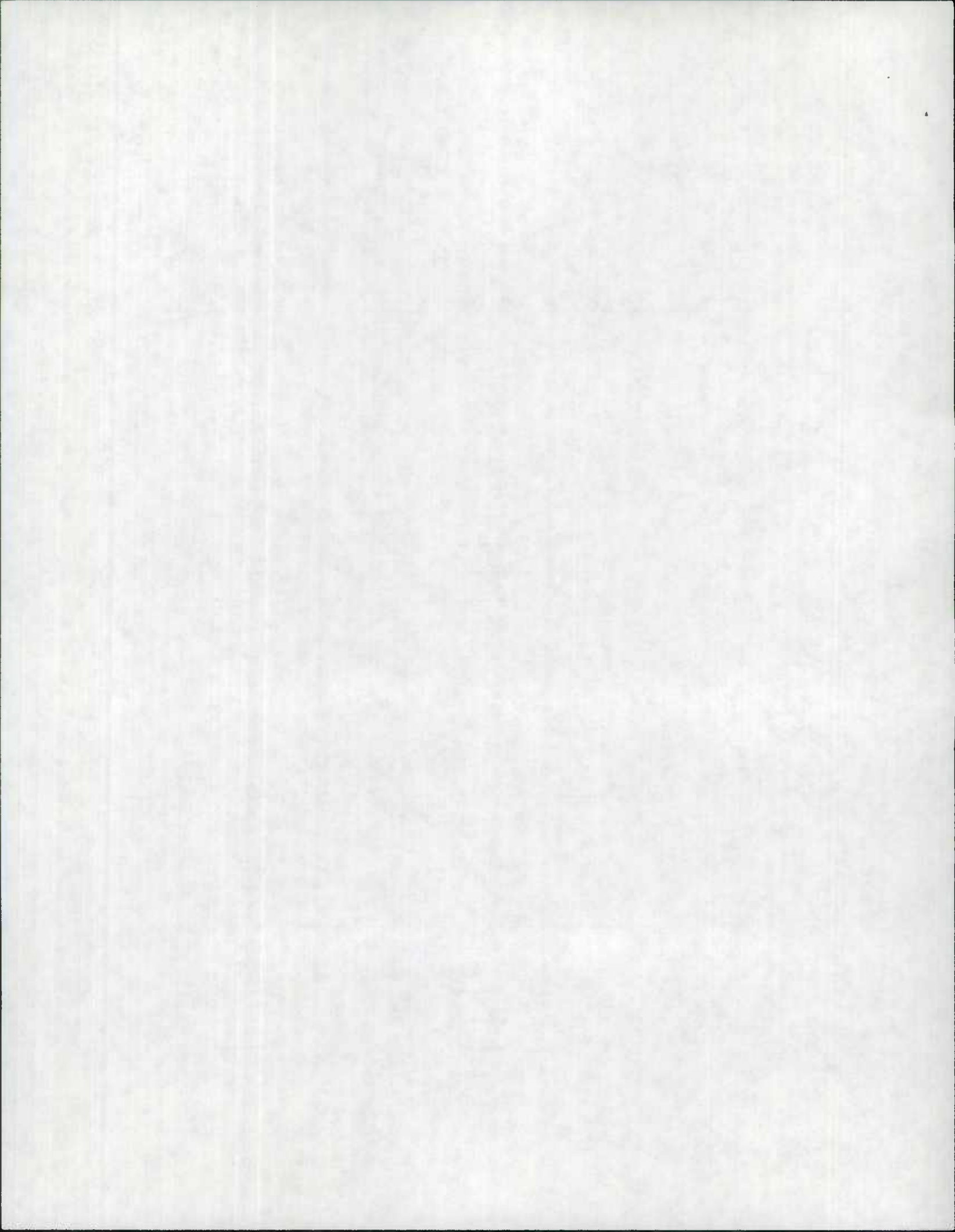
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>2</u>	<u>0.09</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	0.10
g.	5.5-6.9	<u>6.3</u> → <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) (10.1, 0.7) 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>T</u>	<u>0.19</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 220

STARTING MILE POINT: 23.86

ENDING MILE POINT: 23.91

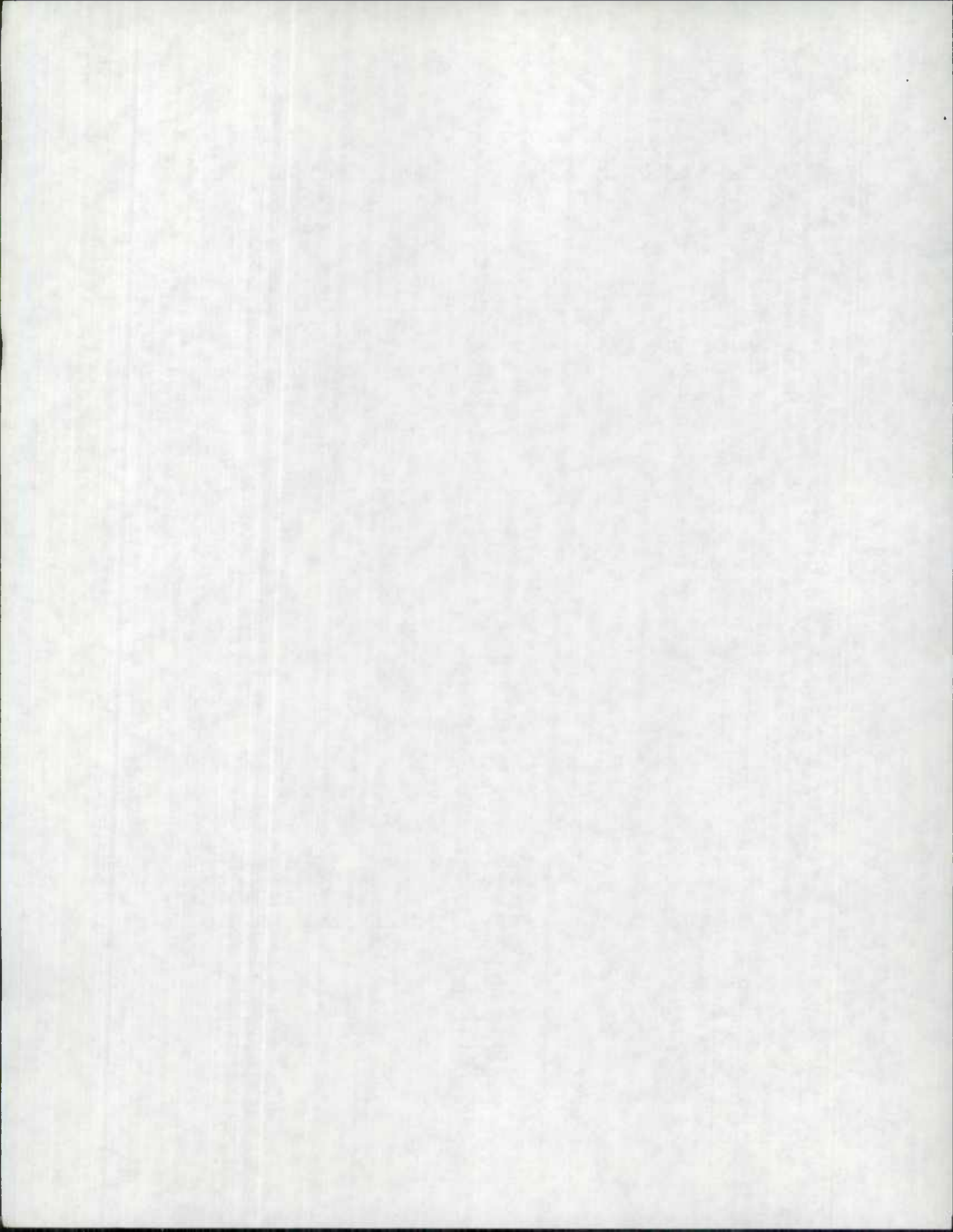
(0.05)

	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, 0.3) 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	<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 220

STARTING MILE POINT: 23.91

ENDING MILE POINT: 24.06

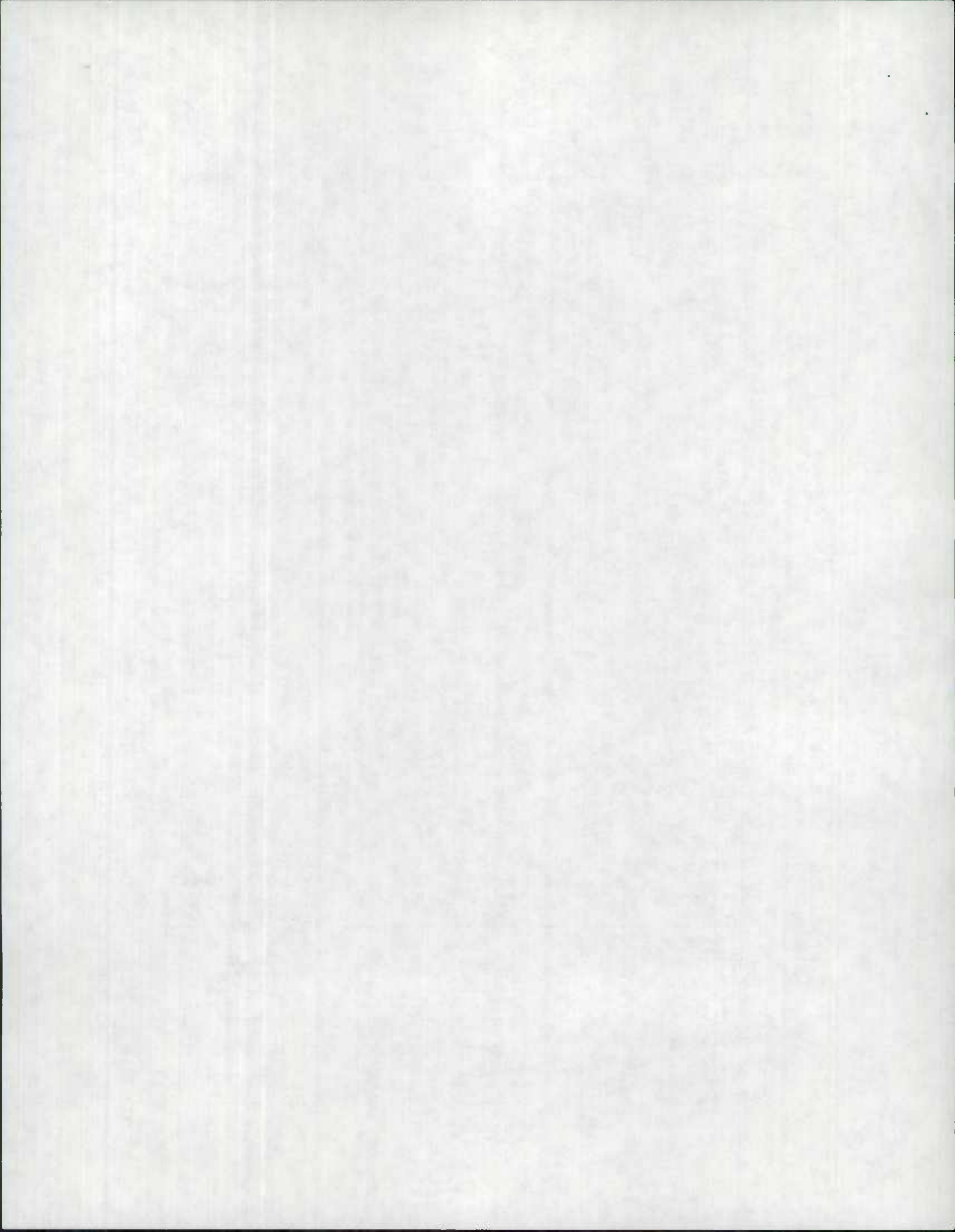
(0.15)

	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) (0.10) pt(ii) (2.5, 0.1) pt(iii) (8, 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>0.10</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 220

STARTING MILE POINT: 24.06

ENDING MILE POINT: 24.21

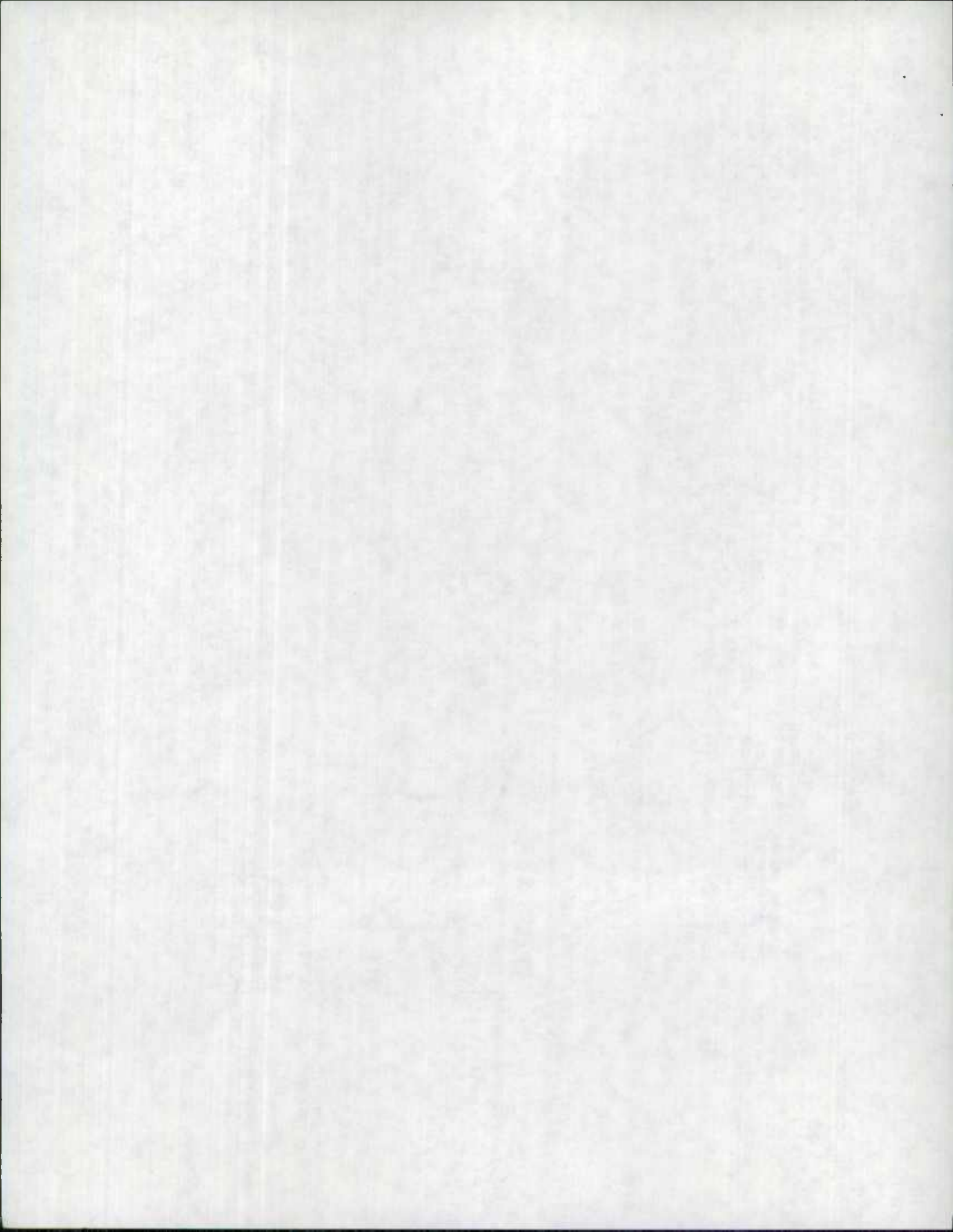
(0.15)

	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>2</u>	<u>0.06</u>
b.	0.5-1.4	<u> </u>	<u> </u>
c.	1.5-2.4	<u>1</u>	<u>0.09</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) (A,0) pt(iii) (8,0.3) 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>0.07</u>
b.	0.5-2.4	<u>1</u>	<u>0.08</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 220

STARTING MILE POINT: 24.21

ENDING MILE POINT: 24.30

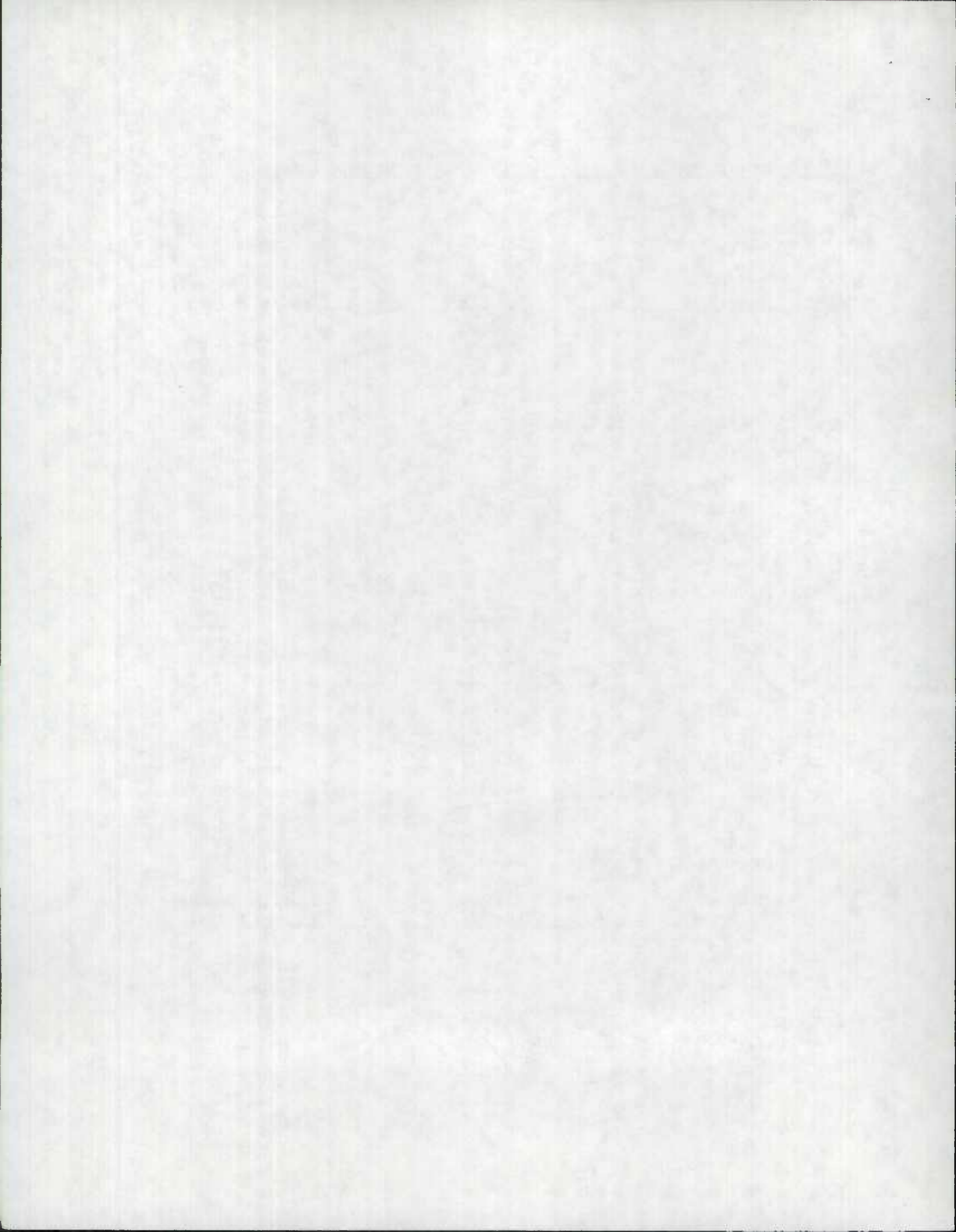
(0.09)

	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> </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>5.5</u> →	<u>1</u>	<u>0.09</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) (4.8, -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>1</u>	<u>0.09</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 220

STARTING MILE POINT: 24.30

ENDING MILE POINT: 26.87

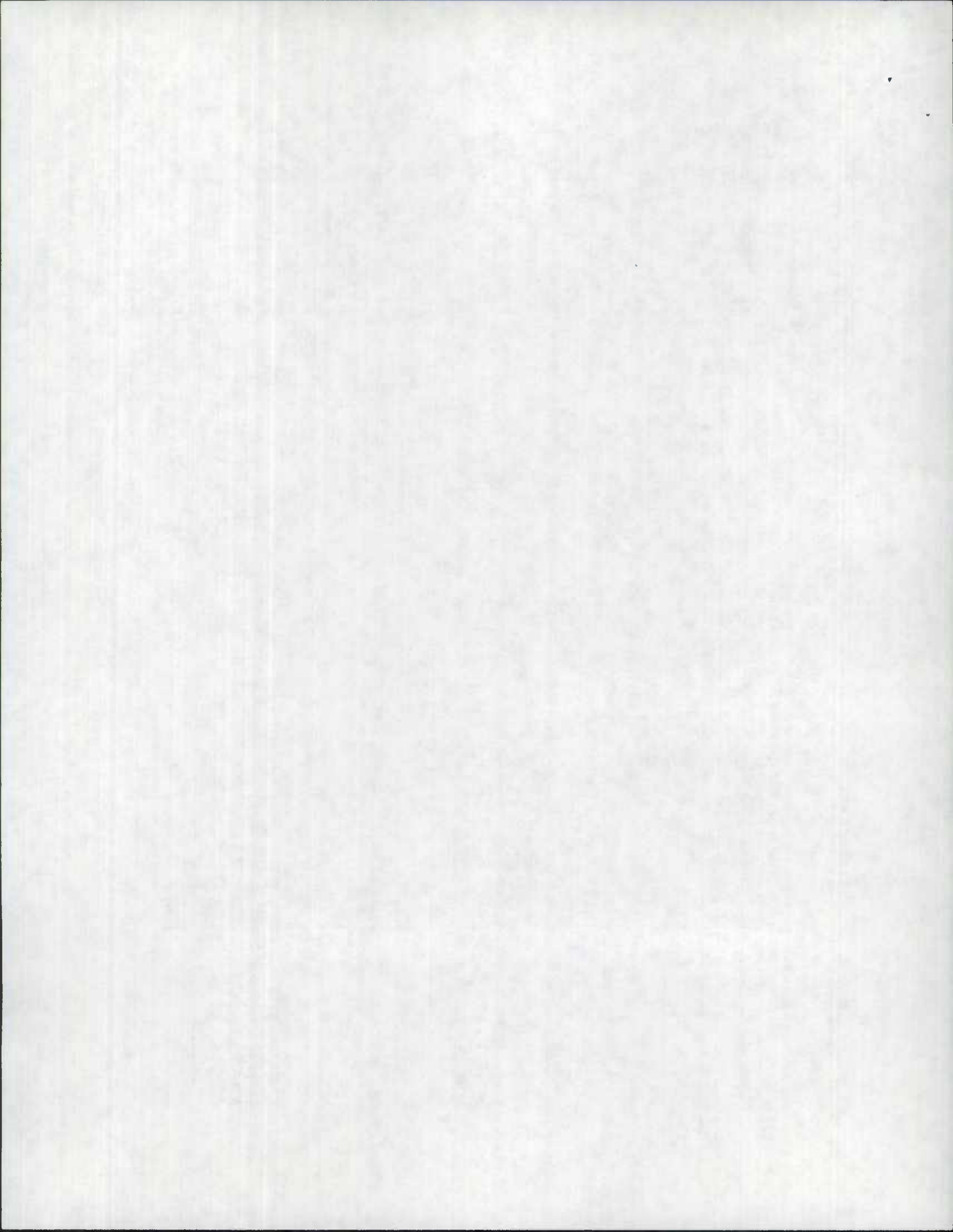
(2.57)

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	<u>9</u>	<u>1.52</u>
b. 0.5-1.4	—	—
c. 1.5-2.4	—	—
d. 2.5-3.4	<u>1</u>	<u>0.10 + 0.15</u>
e. 3.5-4.4	—	—
f. 4.5-5.4	<u>1</u>	<u>0.06</u>
g. 5.5-6.9	<u>1+1+1</u>	<u>0.09 + 0.07 + 0.08 + 0.12</u>
h. 7.0-8.4	<u>1+1</u>	<u>0.08 + 0.08 + 0.08</u>
i. 8.5-10.9	<u>1</u>	<u>0.06</u>
j. 11.0-13.9	<u>1</u>	<u>0.03</u>
k. 14.0-19.4	<u>1</u>	<u>0.04</u>
l. 19.5-27.9	—	—
m. 23+	—	—

GRADE:

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>0.15</u>
b. 0.5-2.4	<u>3</u>	<u>0.42</u>
c. 2.5-4.4	<u>8</u>	<u>0.98</u>
d. 4.5-6.4	<u>3</u>	<u>0.65</u>
e. 6.5-8.4	<u>1</u>	<u>0.09</u>
f. 8.5-	<u>3</u>	<u>0.28</u>

pt(i) (6.0) pt(ii) (3.0) pt(iii) (6.5, 0.5) pt(iv) (17.1, 0.1) pt(v) (25.6, 1.5)
 pt(vi) (2.9, -3.2) pt(vii) (3.2, -3.3) pt(viii) (2.4, -9.1) pt(ix) (44.7, -6.2) pt(x) (48.2, -7.7)
 (51.3, -8.3) (58.3, -12.2) (69.4, -8.6) (73.1, -9.1) (78.7, -8) (80.6, -10.2)
 (98, -6) (107.7, -7.3) (111.5, -7.9) (126.1, -3.3) (128.7, -4.5)



ROUTE NUMBER: US 220

STARTING MILE POINT: 26.87

ENDING MILE POINT: 26.99

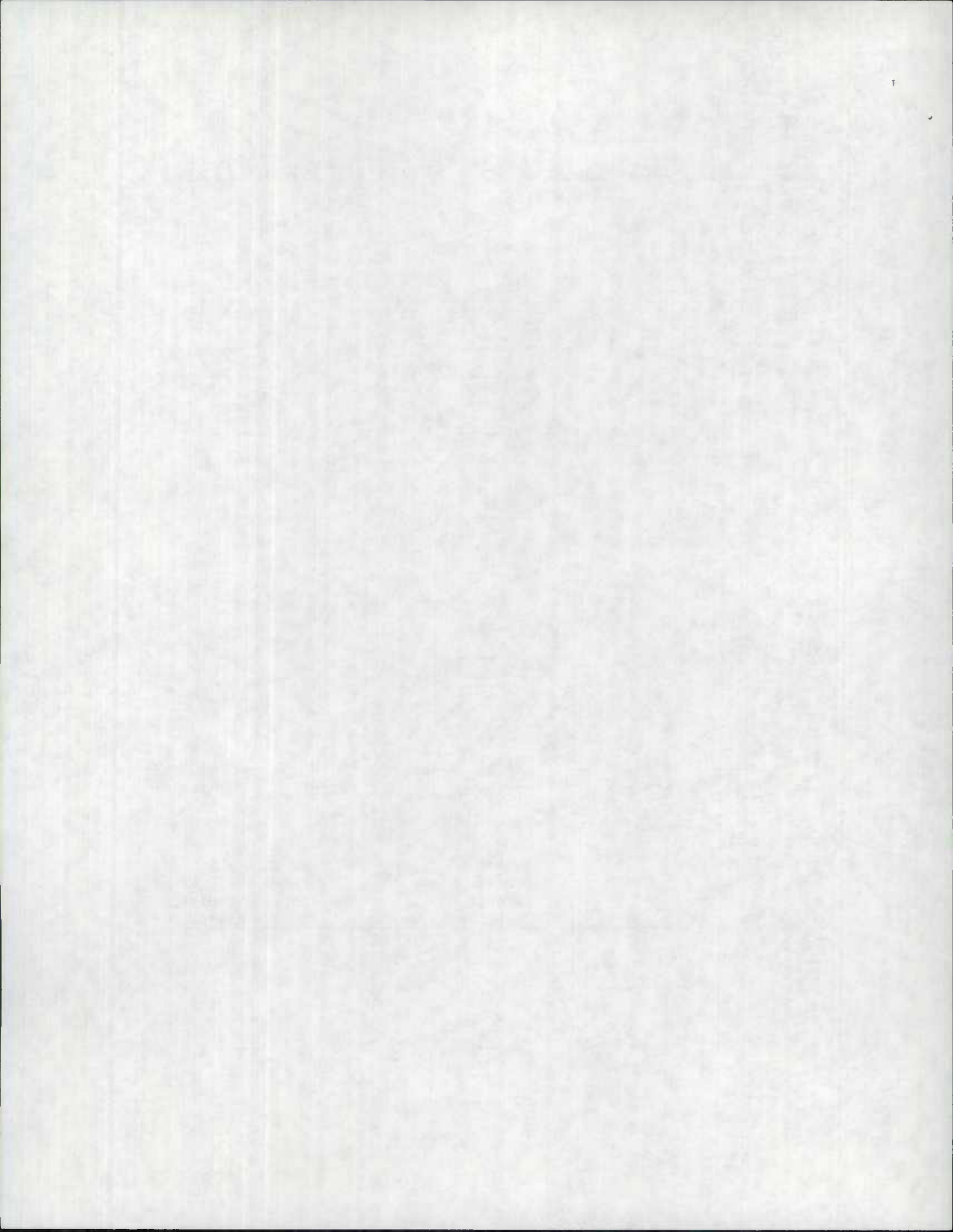
(0.12)

	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) (6.31, .93) 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>0.12</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: US 220

STARTING MILE POINT: 26.99

ENDING MILE POINT: 27.37

(0.38)

	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	_____	_____
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-	_____	_____

