

ROUTE NUMBER: MD 5

STARTING MILE POINT: 40.02

ENDING MILE POINT: 40.46

~~V-11:50AM~~
H - 9/12 9:20
V-11:50AM

.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>0.05</u>
b.	0.5-1.4	<u>1</u>	<u>0.15</u>
c.	1.5-2.4	<u> </u>	<u> </u>
d.	2.5-3.4	<u>1</u>	<u>0.12</u>
e.	3.5-4.4	<u>1</u>	<u>0.12</u>
f.	4.5-5.4	<u> </u>	<u> </u>
g.	5.5-6.9	<u> </u>	<u> </u>
h.	7.0-8.4	<u> </u>	<u> </u>
i.	8.5-10.9	<u> </u>	<u> </u>
j.	11.0-13.9	<u> </u>	<u> </u>
k.	14.0-19.4	<u> </u>	<u> </u>
l.	19.5-27.9	<u> </u>	<u> </u>
m.	23+	<u> </u>	<u> </u>

GRADE:

pt(i) (0.0) pt(ii) (2.7, 0.3) pt(iii) (14.5, -0.4) pt(iv) (23.2) pt(v) (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	<u>1</u>	<u>0.16</u>
b.	0.5-2.4	<u>2</u>	<u>0.28</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>

1880

ROUTE NUMBER: MD 5

STARTING MILE POINT: 44.55

ENDING MILE POINT: 45.44

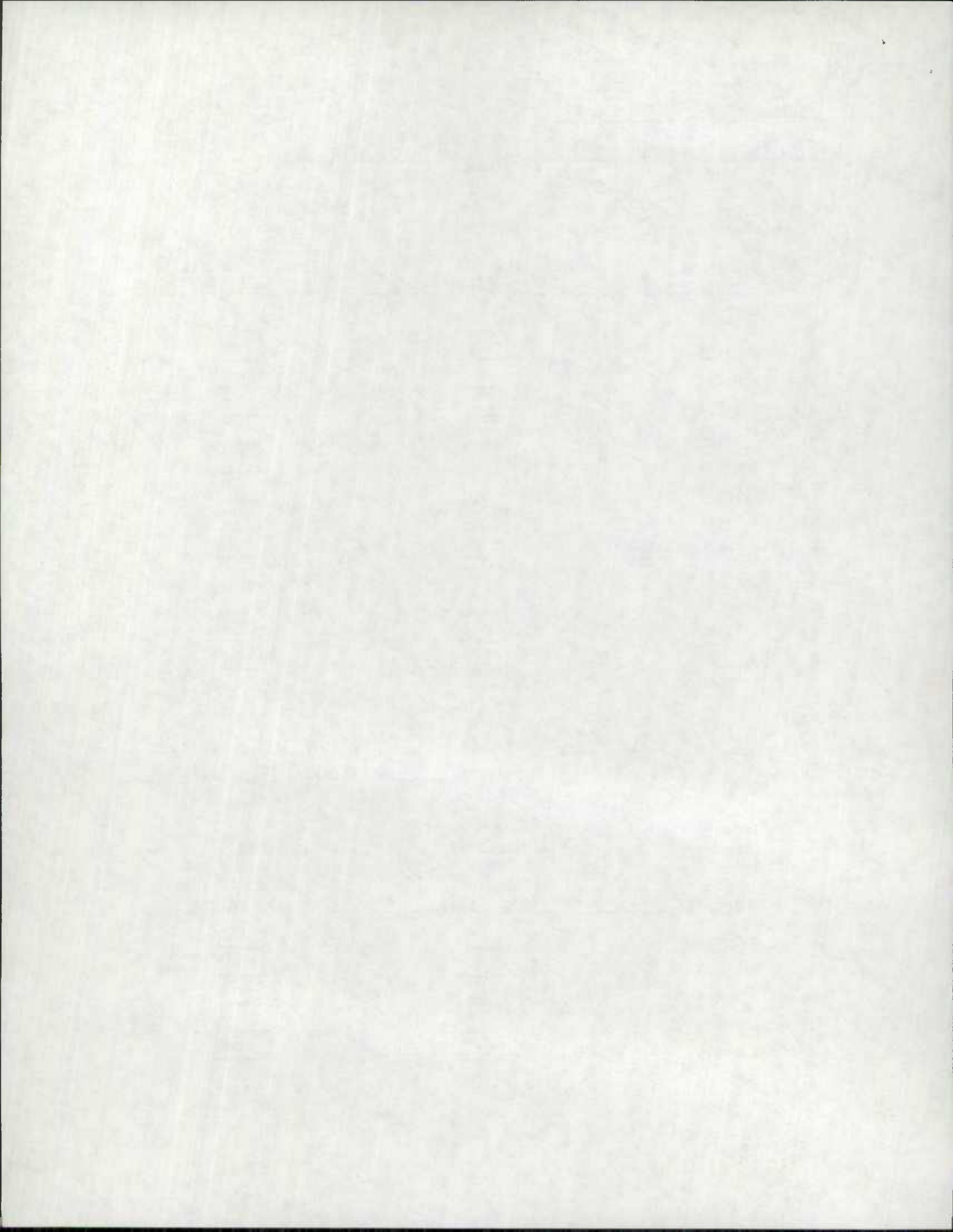
.89

	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>0.27</u>
b.	0.5-1.4 →	<u>2</u>	<u>0.62</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) (0.0-0.1) pt (iii) (21.5, -0.1) pt (iv) (31.5, -1.2) pt (v) (22.1, -2.6)
 pt (vi) (27.1, -2.4) 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	<u>2</u>	<u>0.42</u>
b.	0.5-2.4	<u>2</u>	<u>0.28</u>
c.	2.5-4.4	<u>1</u>	<u>0.19</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



St. Mary's

DATE : 05/13/92 HPMS SAMPLE SECTIONS
HIGHWAY INFORMATION SERVICES DIVISION

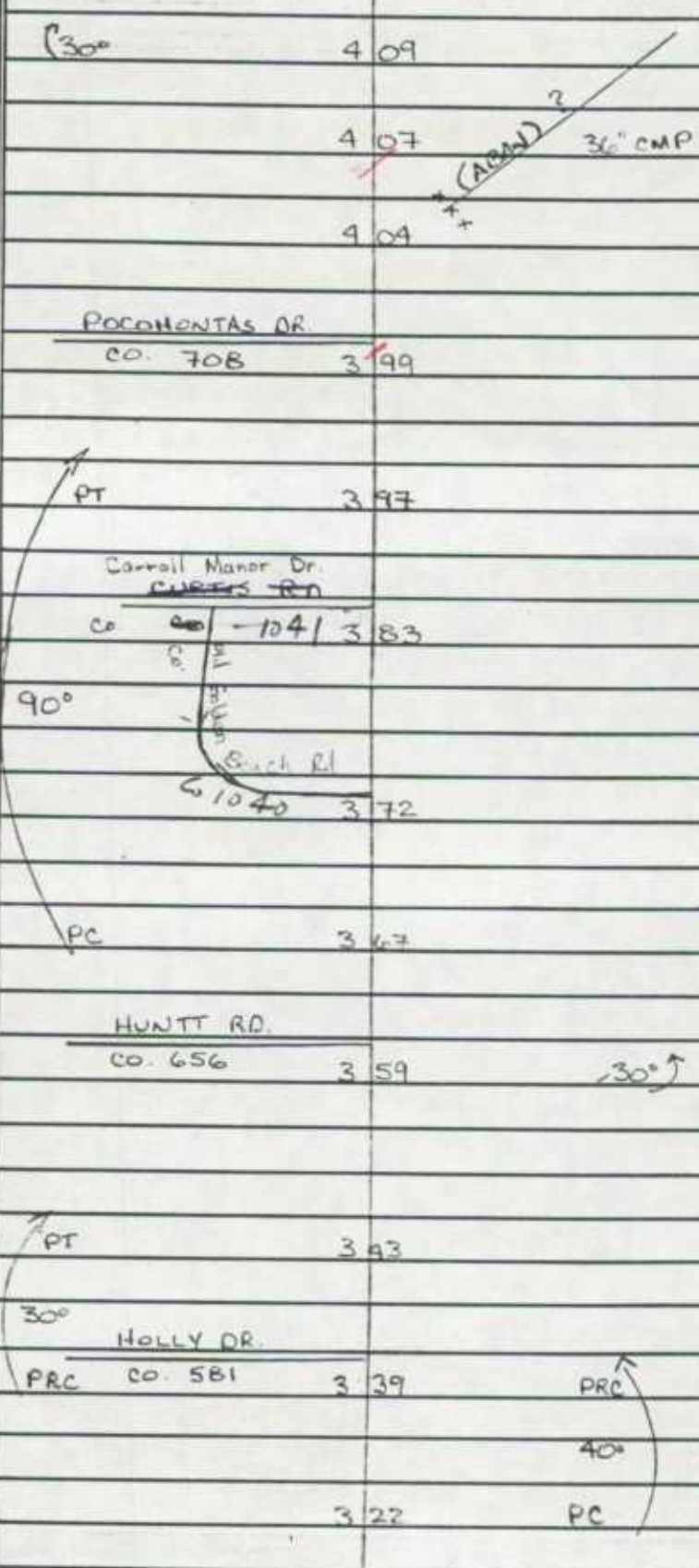
CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD
1	18 CD 0004	04.07	00.38	04.45	I-12	882-238
2	18 CD 0269	00.36	00.51	00.87	K-13	948-166
3	18 CD 0334	00.00	00.14	00.14	K-13	957-157
4	18 CD 0334	00.45	00.18	00.63	K-13	953-155
5	18 CD 0352	01.44	01.20	02.64	K-13	956-142
6	18 CD 0426	00.00	00.27	00.27	K-13	949-165

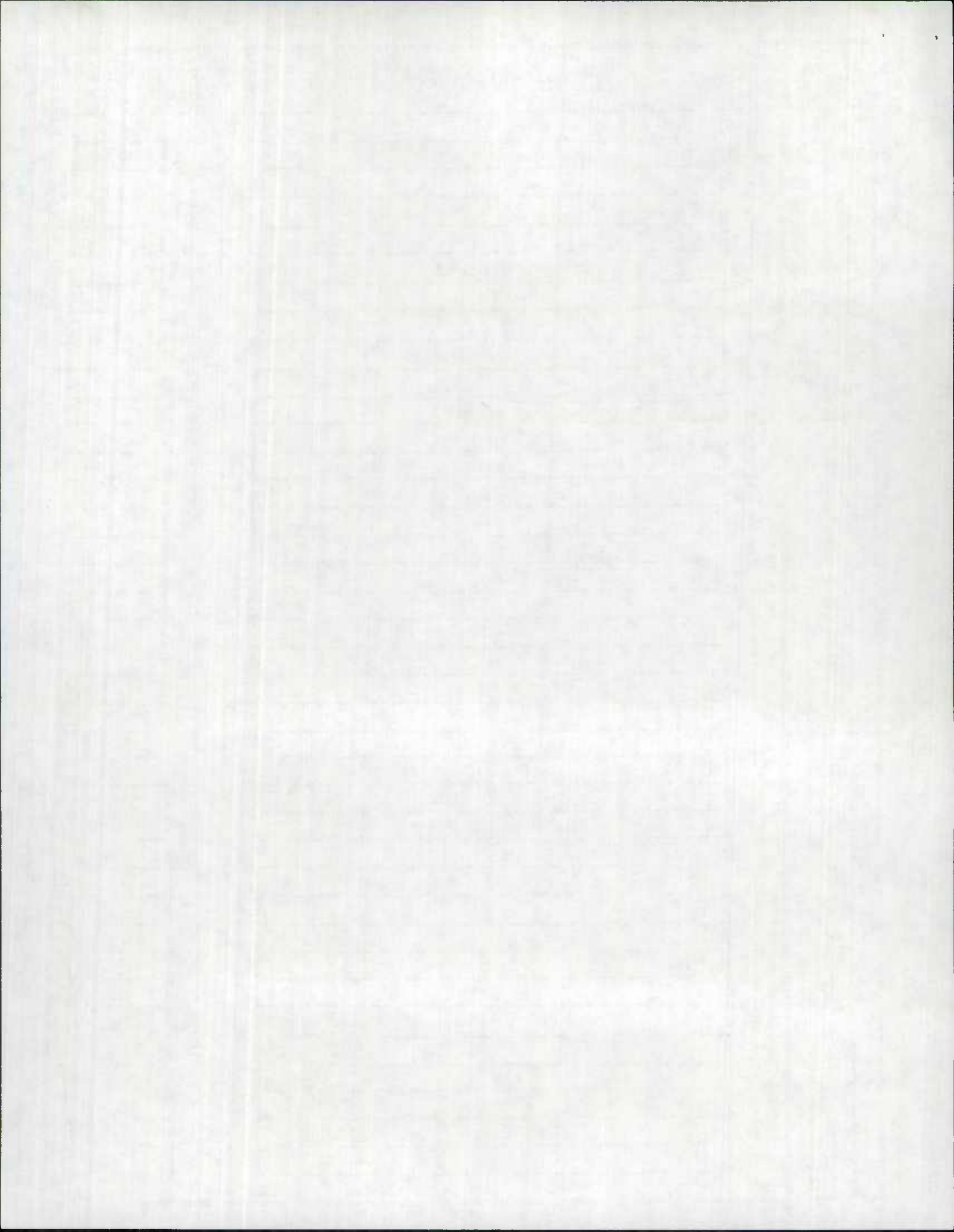
1870
1871
1872
1873
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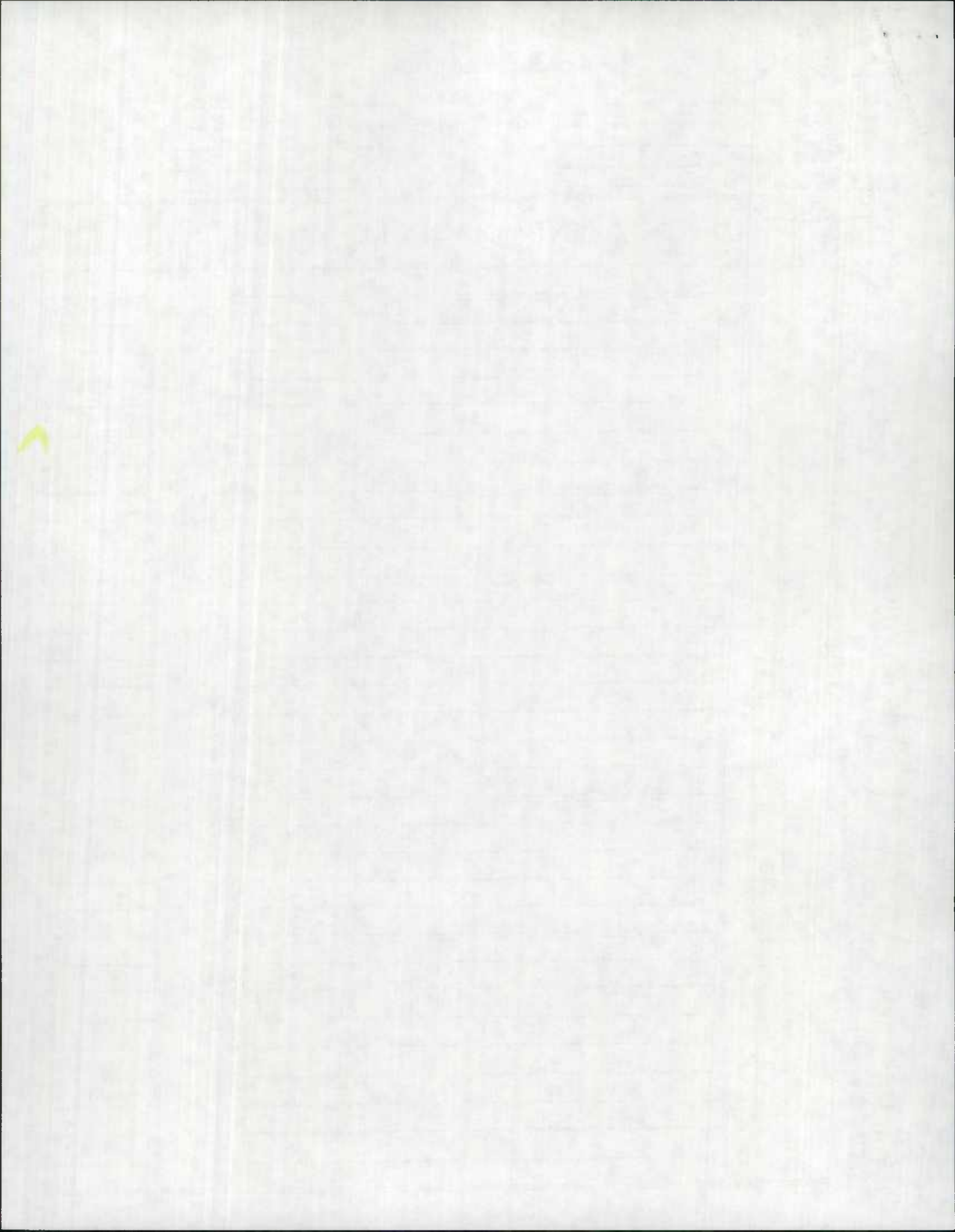
SYSTEM				TRAFFIC		LINE DIAGRAM						TRAFFIC			PAVEMENT DATA							
FED. AID.	FUNCT. CLASS.	HWY. SYS.	HPMS SAMPLE	REG. REST.	COM/IND ACCESS	CONTROL	COM/IND ACCESS	REG. REST.							CONTROL	COM/IND ACCESS	REG. REST.					
			HPMS 3000000412																			
<p>POCONONTAS DR CO. 708</p>																						
<p>Carrall Manor Dr. CO. -104</p>																						
<p>HUNTT RD. CO. 656</p>																						
<p>HOLLY DR. CO. 581</p>																						

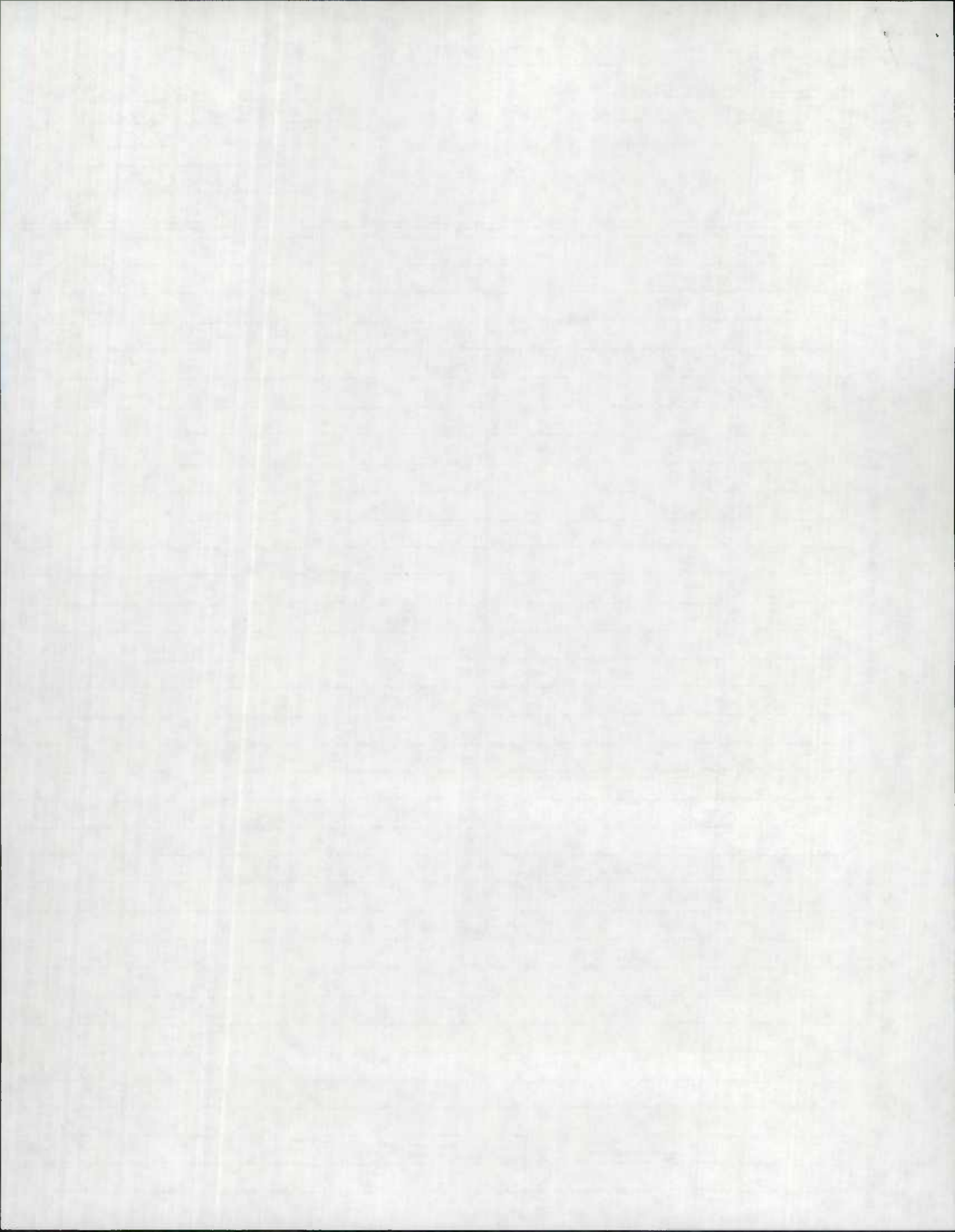
FAS 1387
R- MAJOR COLLECTOR

SAME
R- MAJOR
HPMS 3000000412









SHA 51.3-8
11-15-72

STATE HIGHWAY ADMINISTRATION OF MARYLAND

344

ROAD INVENTORY SHEET

Party Chief E. VOUGHT
Recorder L. COFFELT JR
Helper REVISED BY CM

Road No. CC 334
Road Name WILLOW'S RD
Sheet No. 1 OF 2
Date 1-24-64 (REVISED 6-5-74)
County ST. MARY'S
State Coordinates 957 - 157

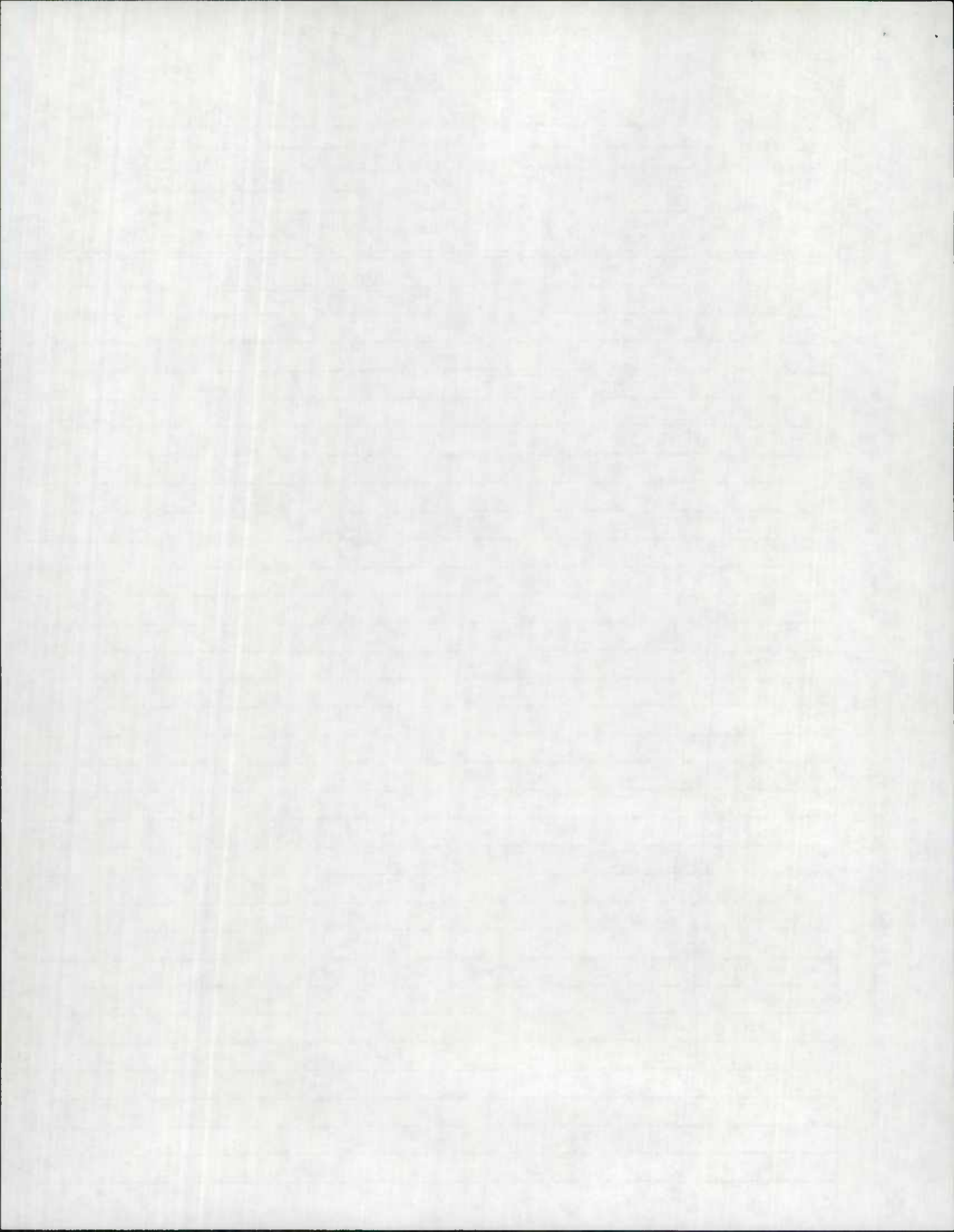
89-5
GOTAL
2-21-70

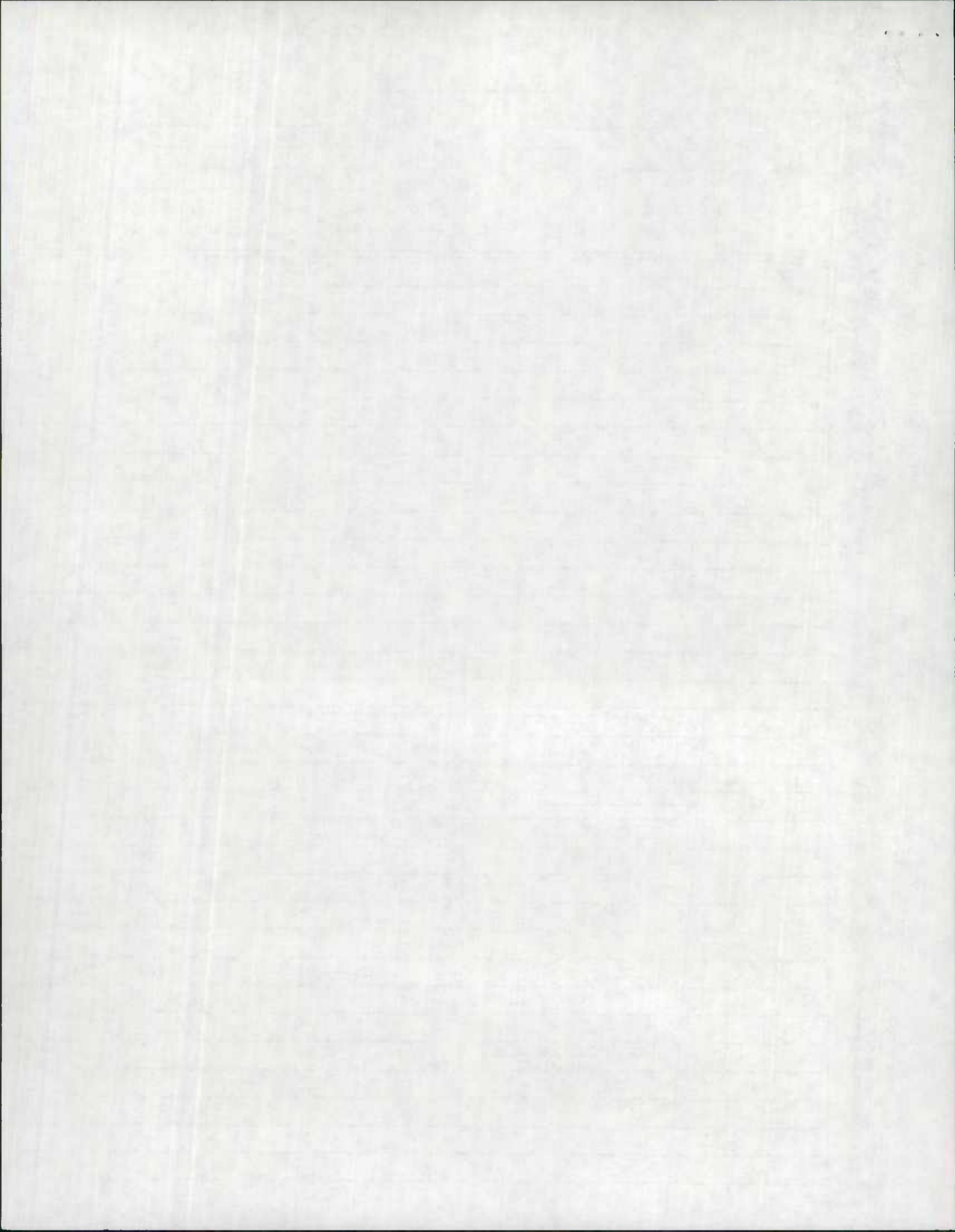
Map No. K13- M2 VER. F.R. 11/16/76
LEXINGTON PARK

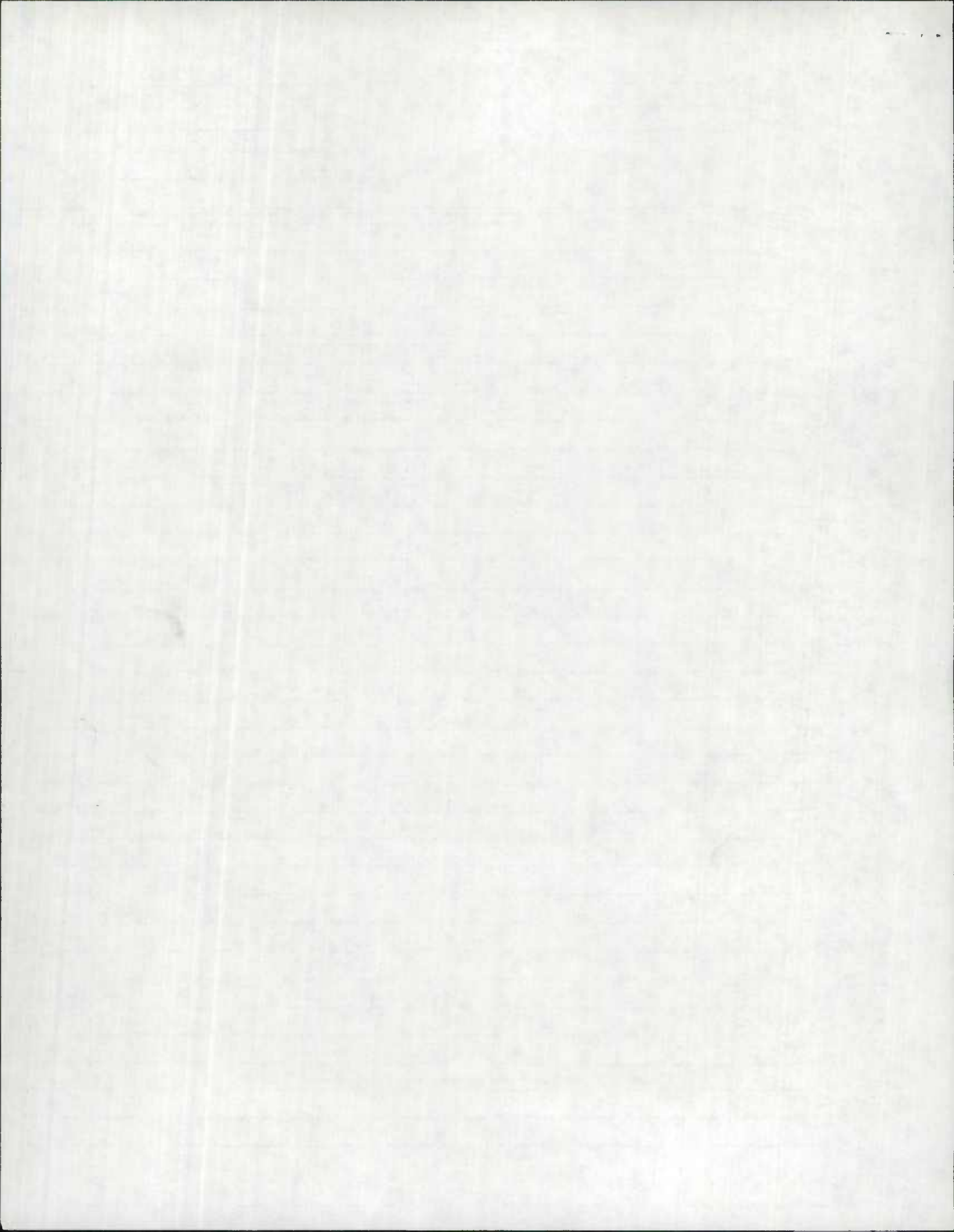
			112	Hilton Dr	
			110	CO. 993 (89-5)	
			106		
			90		
FAIS 1239	MINOR COLLECTOR (RURAL)	*			22' I
	# BRADLEY RD				26' CL
	CO. 1024 (90-17)	0.99			2 ML
		0.76			
	H	0.70			
X X	FAU BOUNDARY	0.63		LEXINGTON PK	DRAIN
		0.59		H	
	MINOR ARTERIAL (URBAN HOMES)	0.50		4 (V)	22' I
		0.45			26' I
					36' I
					X 2 ML
	CHINLEE DR				
	OP 143	0.43			
	OFFICER'S CT				
	OP 142	0.32			
	W. RENNELL AVE				32' I
	OP 141	0.21			CURB
					40' CL
FAU 8301	PC	0.14			X 2 ML
	HOMES	0.08			
				SHANGRIHA DR	
				CO	24' I
				CHURCH	32' I
		0.00			2 ML
		0.33			
		0.10			

SE ↑

SHANGRIHA DR
CO







CURVE - GRADE DATA COLLECTION
NON - STATE ROADS - FY - 1992

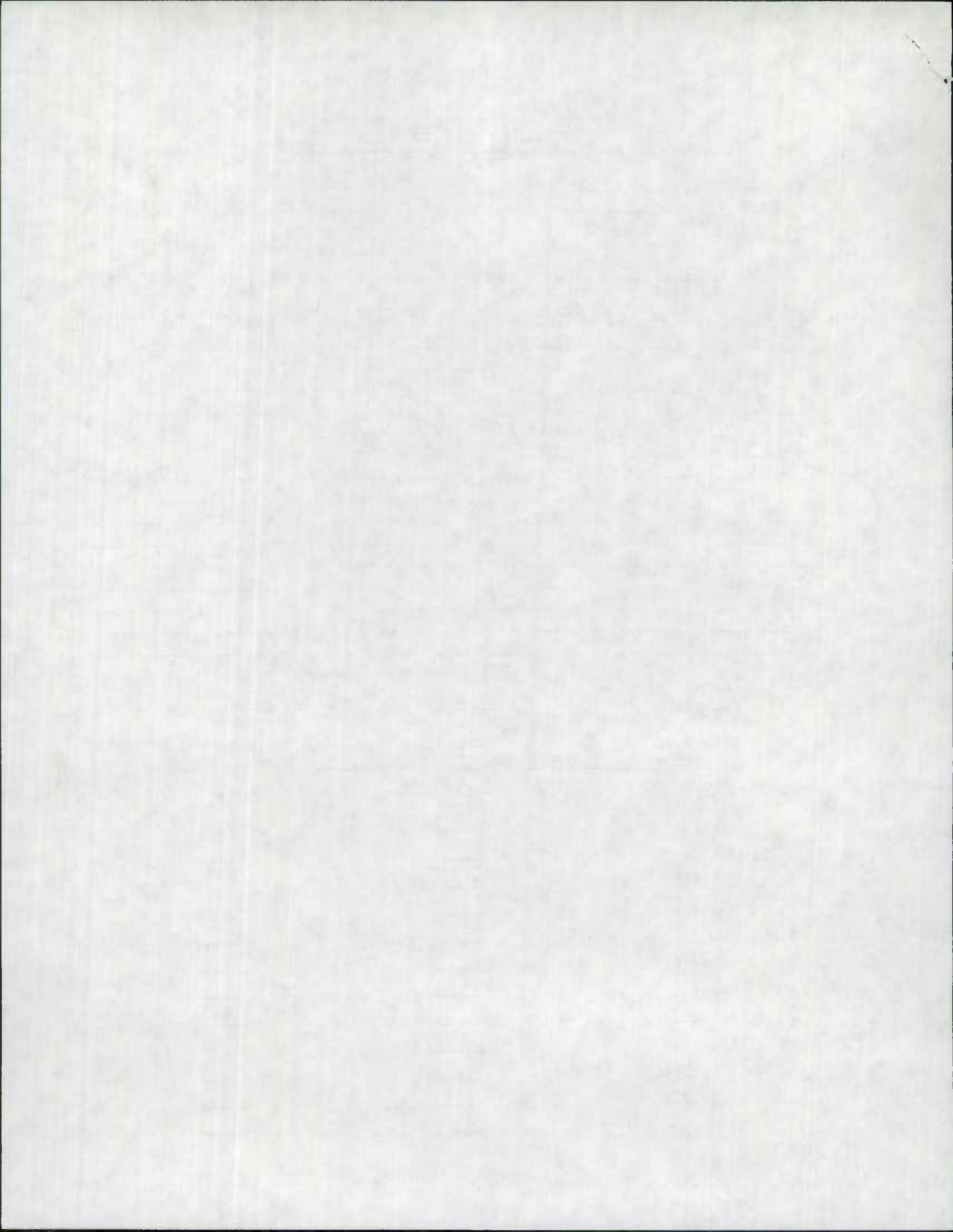
Route No: 0 2004
 Sample No: 1
 County: St. Marys

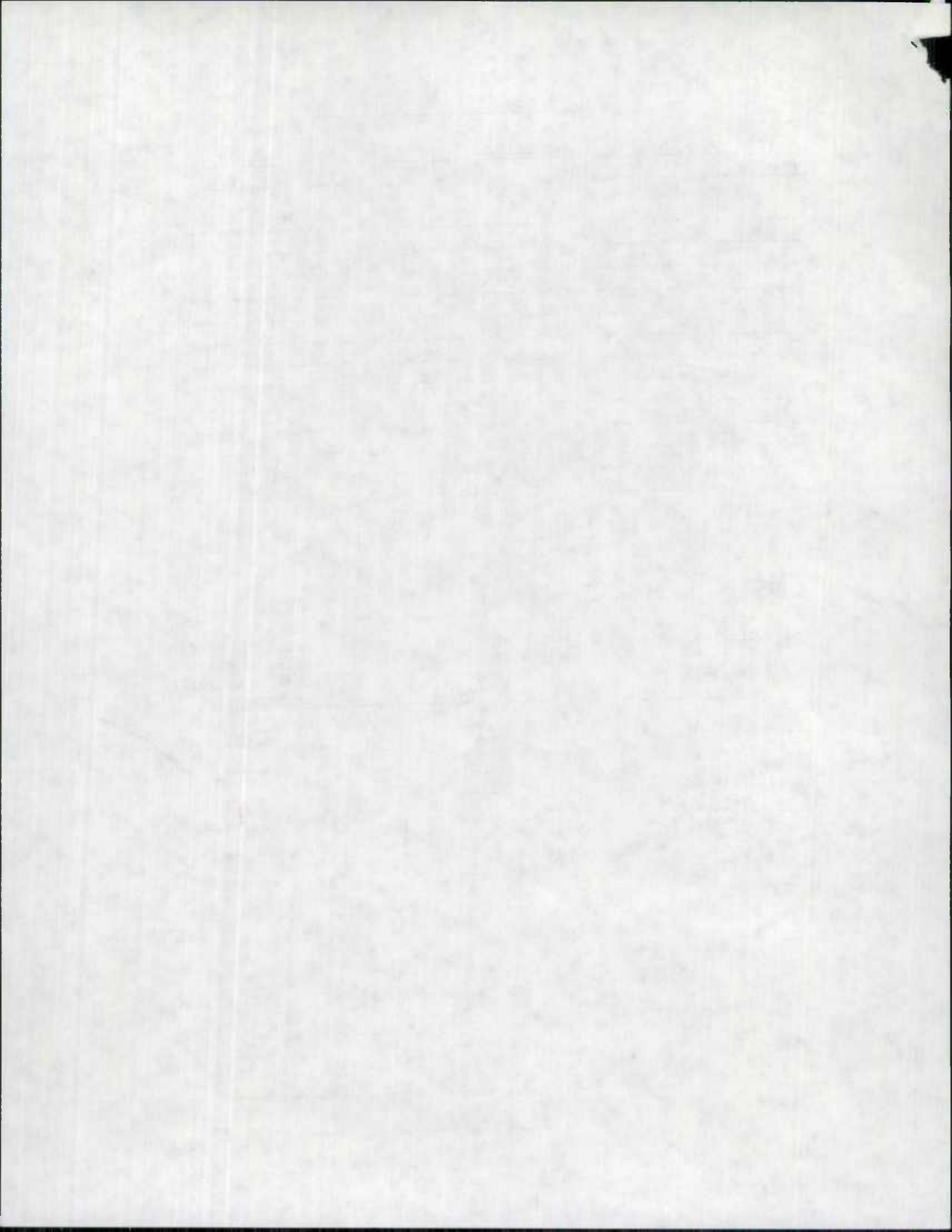
Starting Mile Pt: 4.07
 Ending Mile Pt: 4.45
(0.38)

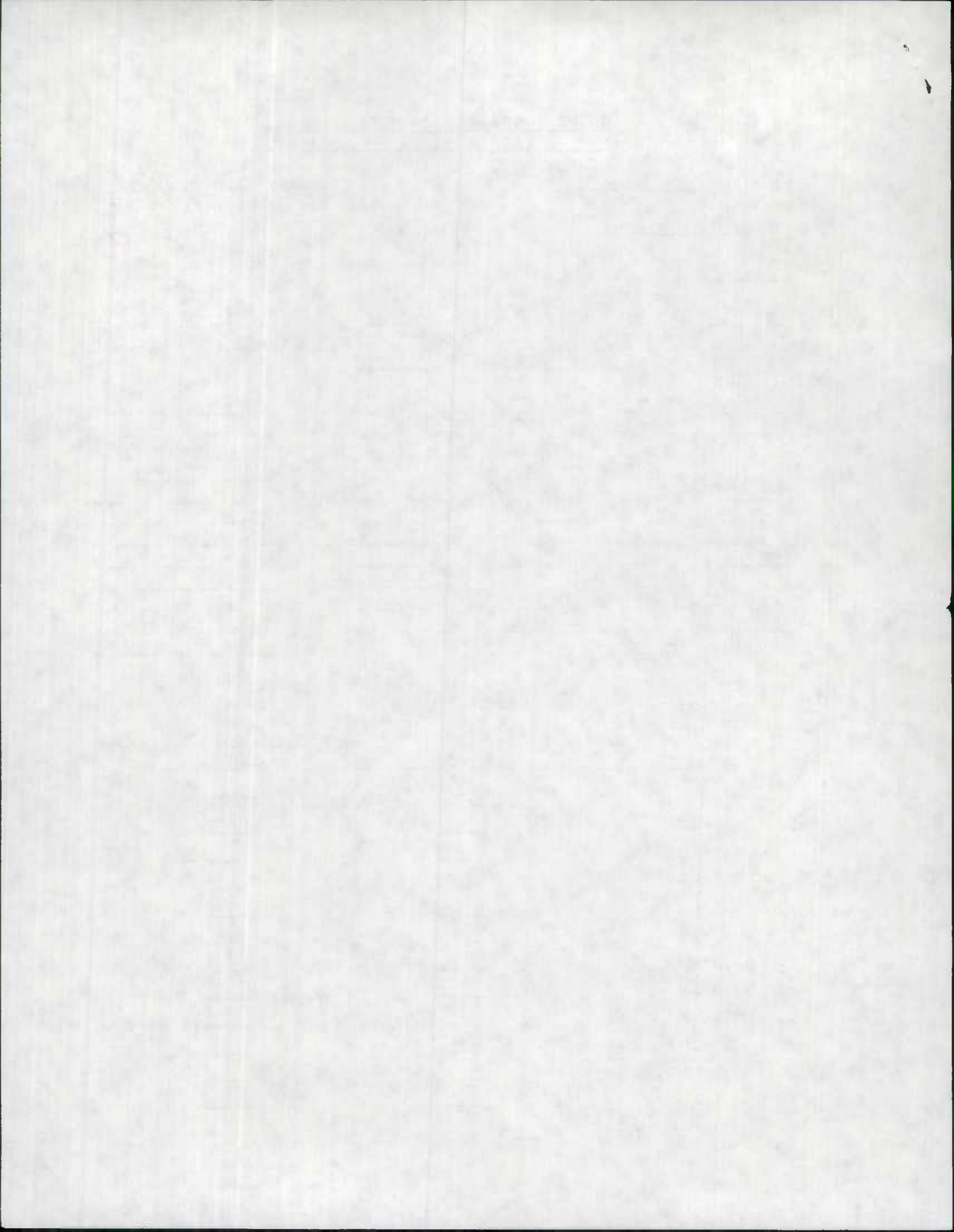
Horizontal Curve Section

<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>1015</u>	<u>100</u>	<u>0</u>	-----
<u>LP 1015</u>	<u>1248</u>	<u>99.75</u>	<u>2.5</u>	-----
<u>1248</u>	<u>2004</u>	<u>100</u>	<u>0</u>	-----
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	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	<u>2</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	-----	-----
i.	8.5-10.9	-----	-----
j.	11.0-13.9	<u>1</u>	<u>0.05</u>
k.	14.0-19.4	-----	-----
l.	19.5-27.9	-----	-----
m.	28+	-----	-----



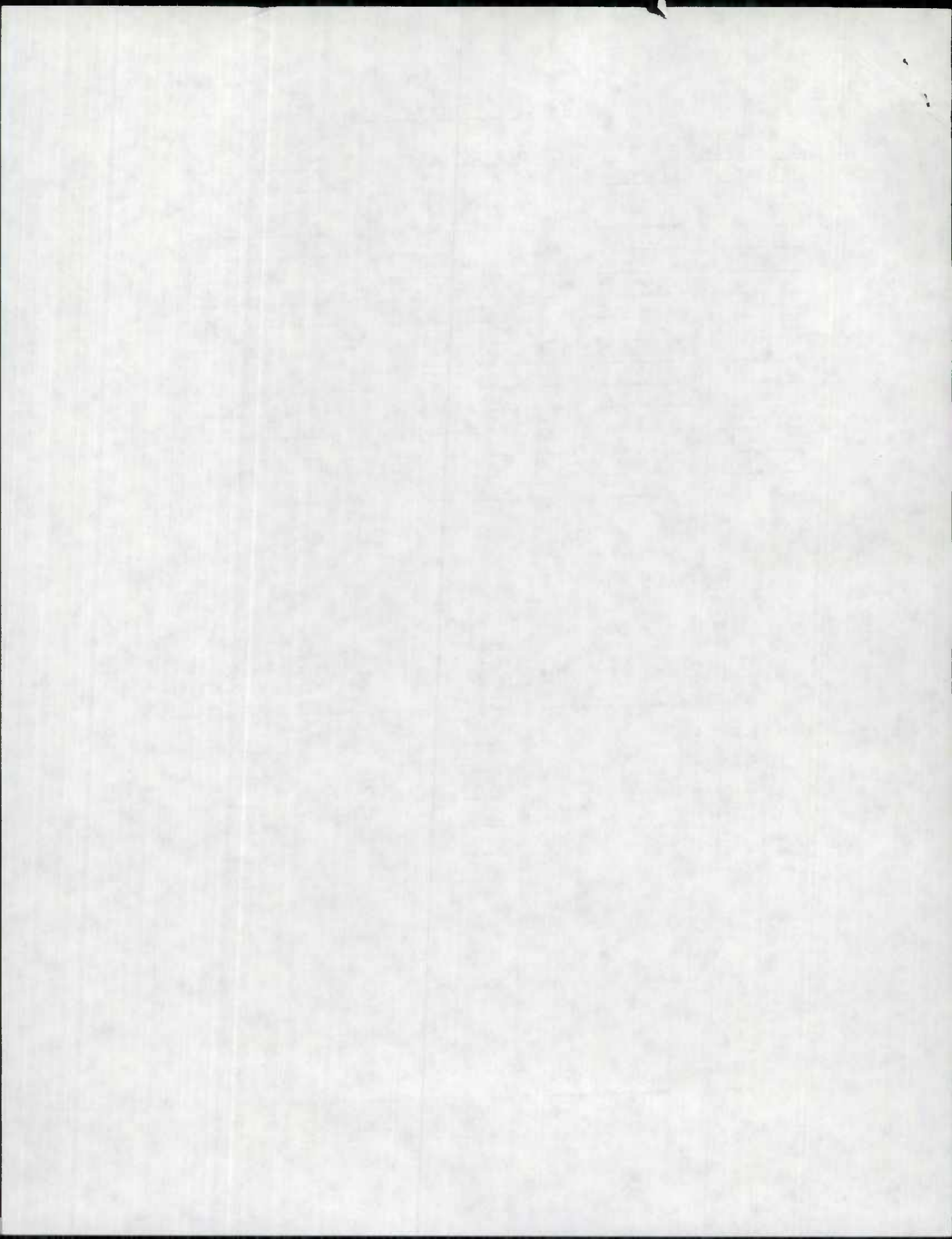




Vertical Curve Section

<u>Start Pt.</u> (in ft.)	<u>End Pt.</u> (in ft.)	<u>Gradient Percent</u>	<u>Length of Curve</u> (in x.xx miles)
0	739	0%	
739	1403	-3.9	
1403	1843	+5.2	
1843	2691	-5.9	

	<u>Grade Classes by Gradient (Percent)</u>	<u>Number of Grades (Right- Justified)</u>	<u>Length of Grades in Class (Implied Decimal) (xx.xxx miles)</u>
a.	0.0-0.4	1	0.14
b.	0.5-2.4	—	—
c.	2.5-4.4	1	0.13
d.	4.5-6.4	2	0.24
e.	6.5-8.4	—	—
f.	8.5-	—	—



CURVE - GRADE DATA COLLECTION
NON - STATE ROADS - FY - 1992

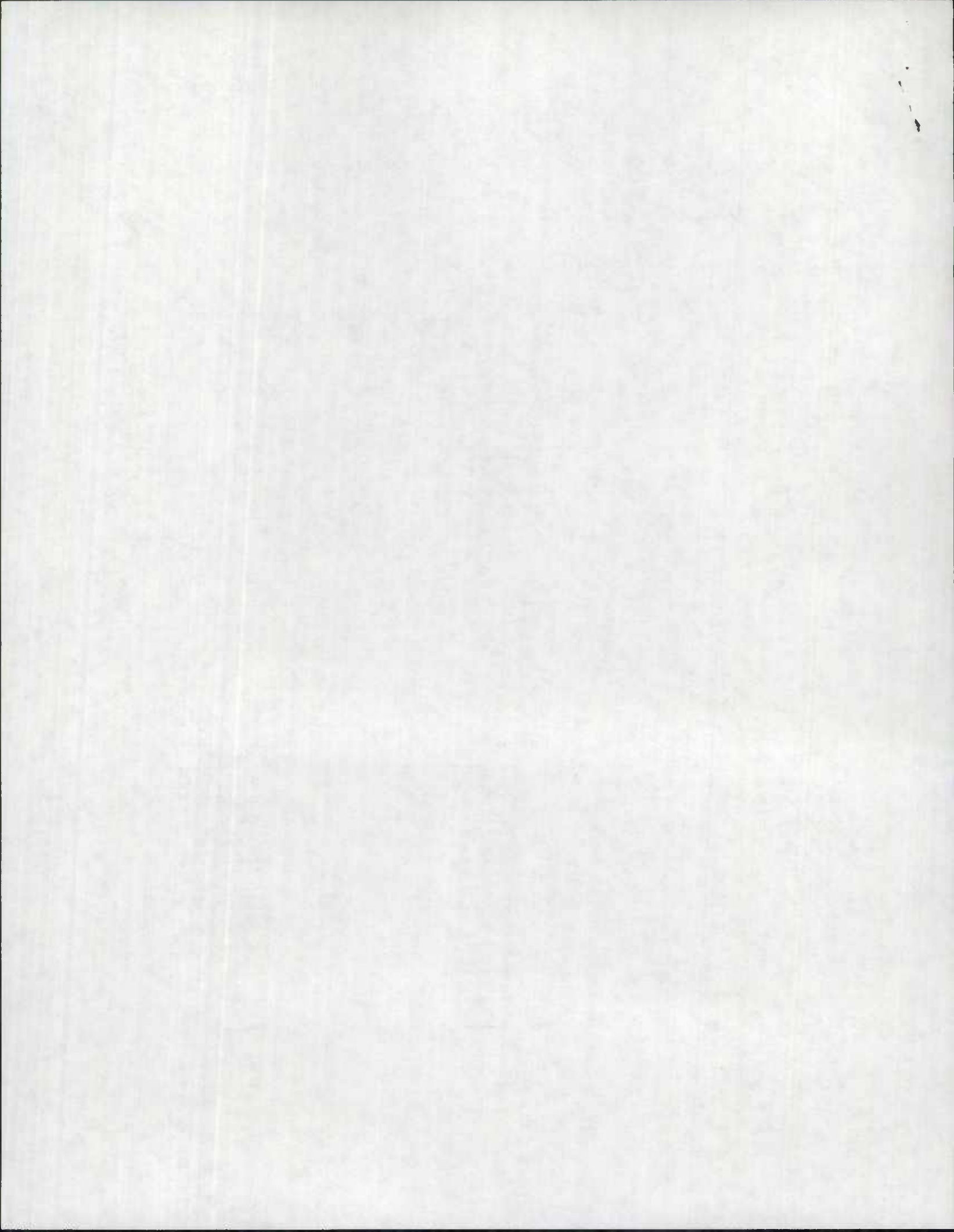
Route No: CO 0334
 Sample No: 3
 County: St. Marys

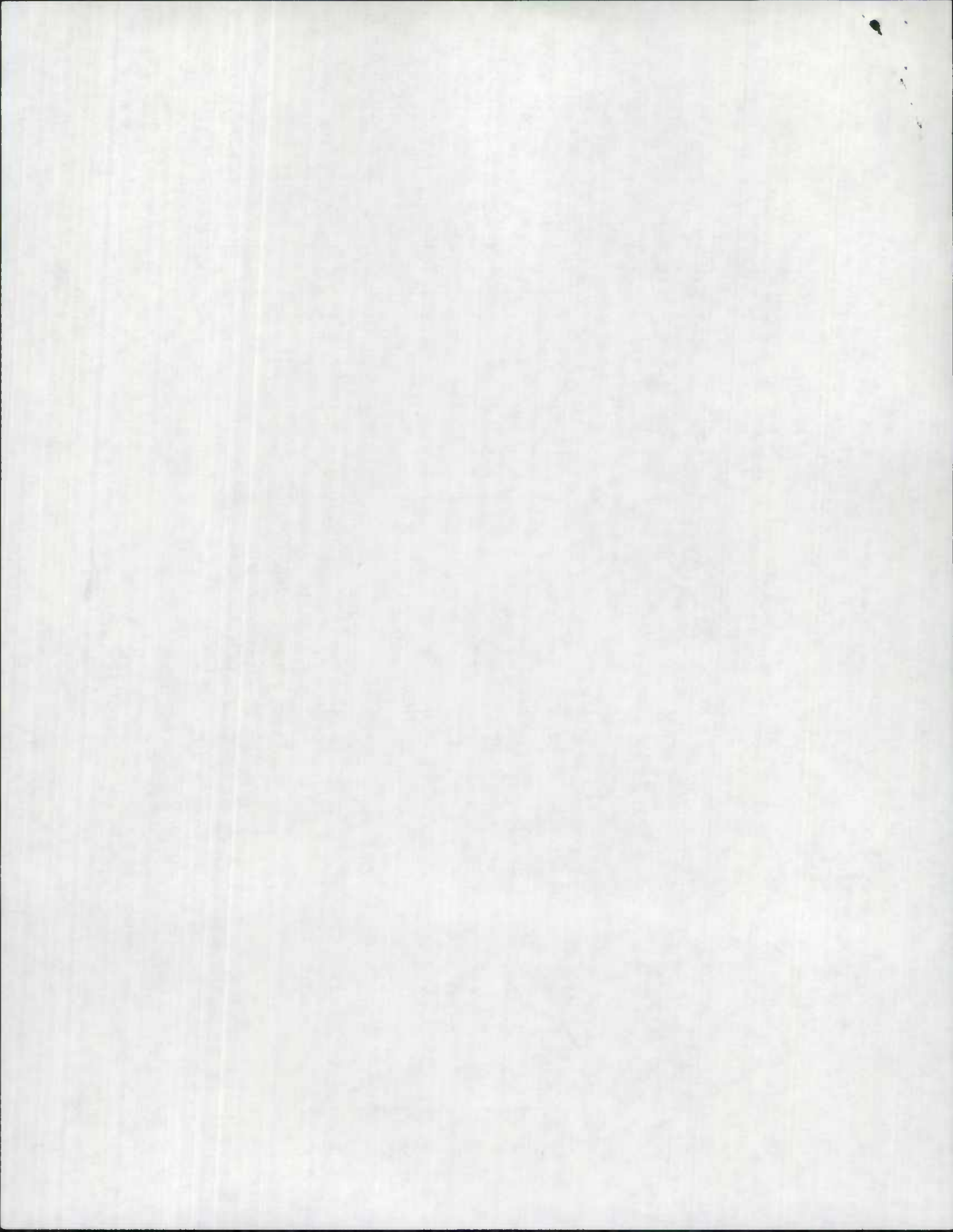
Starting Mile Pt: 0.00
 Ending Mile Pt: 0.14
(0.14)

Horizontal Curve Section

<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord1. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>739</u>	<u>100</u>	<u>6</u>	-----
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	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
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+	-----	-----





CURVE - GRADE DATA COLLECTION
NON - STATE ROADS - FY - 1992

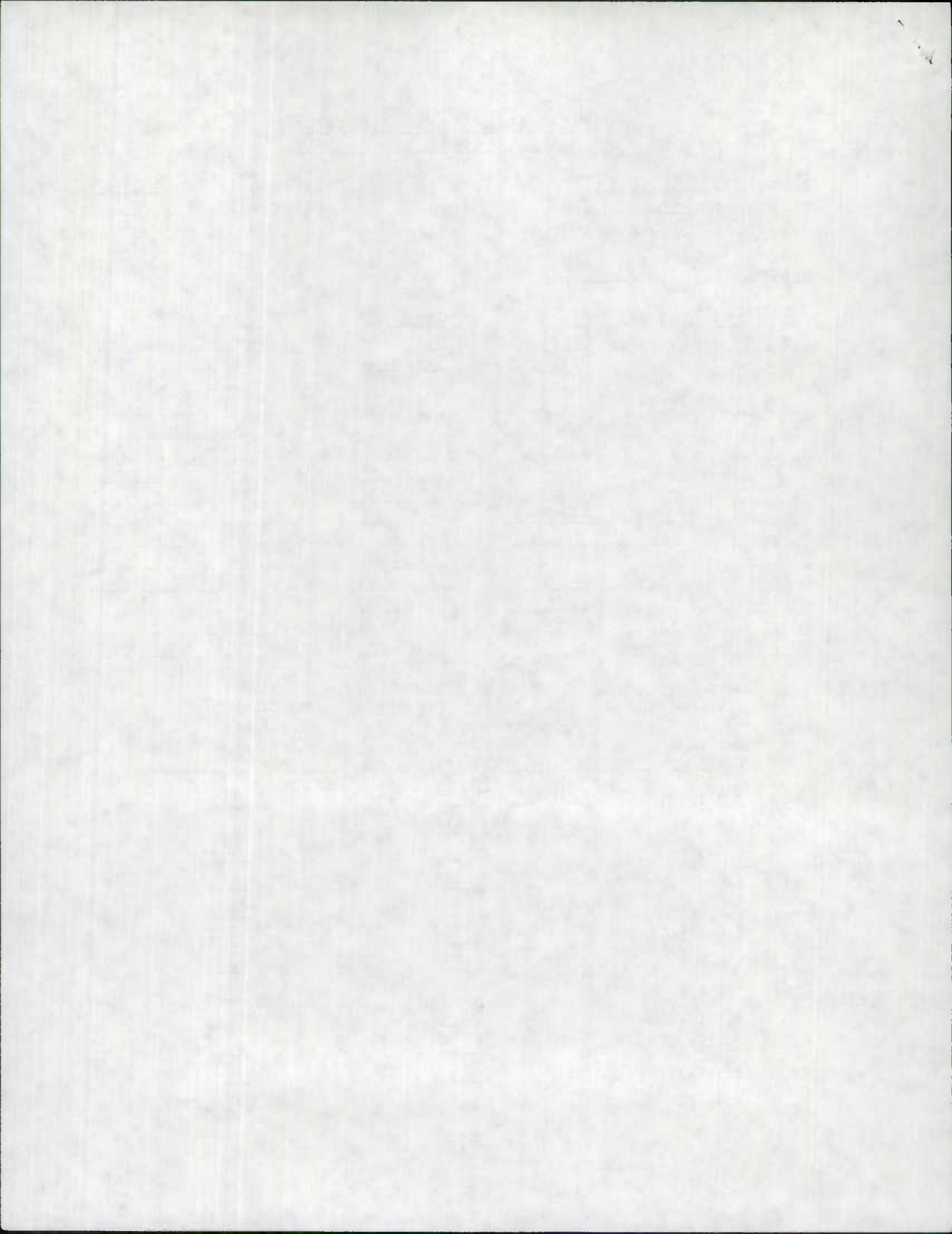
Route No: CO M334
 Sample No: 4
 County: St Marys

Starting Mile Pt: 0.45
 Ending Mile Pt: 0.63
 (0.18)

Horizontal Curve Section

<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>950</u>	<u>100</u>	<u>0</u>	
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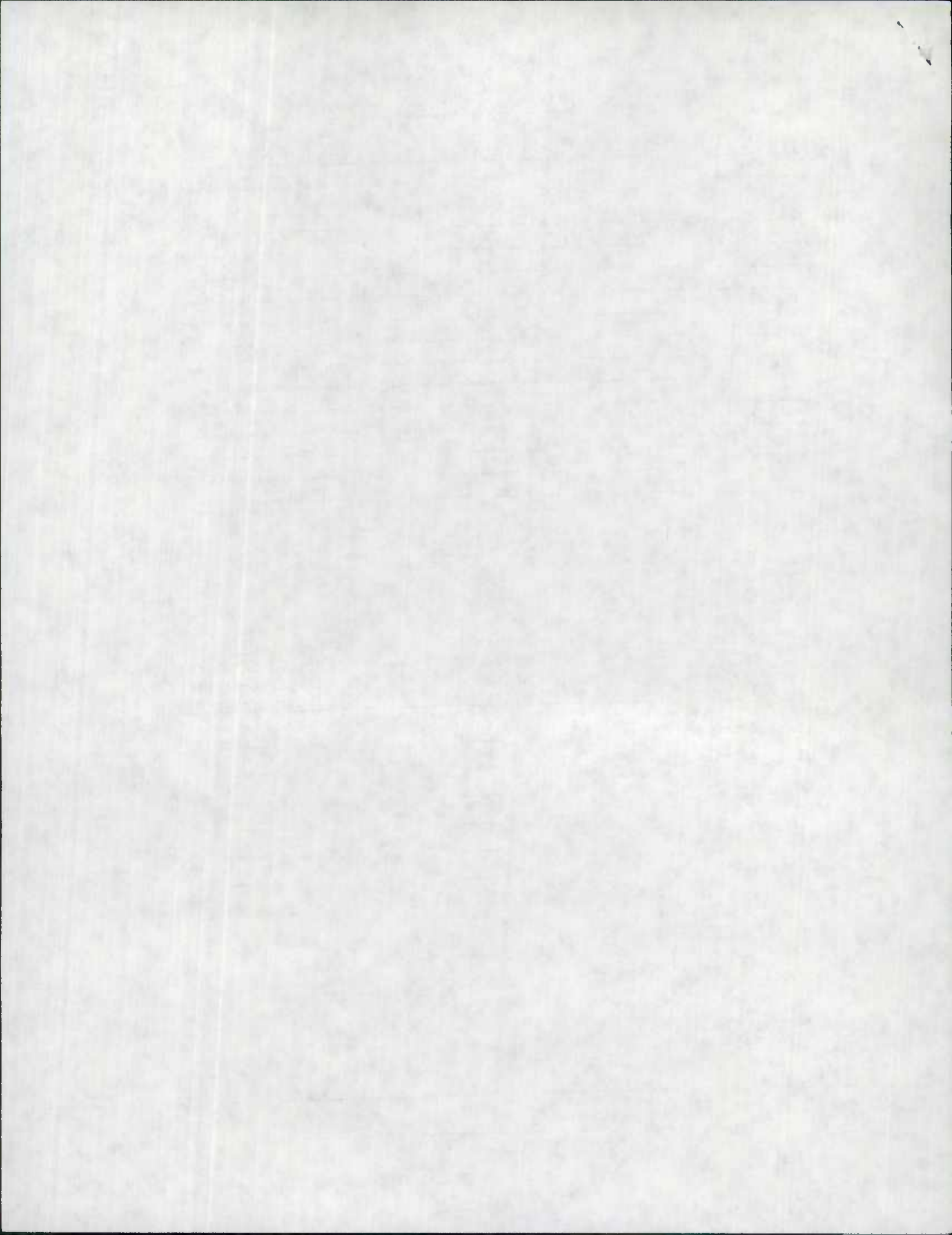
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	<u>1</u>	<u>0.18</u>
b.	0.5-1.4	-----	-----
c.	1.5-2.4	-----	-----
d.	2.5-3.4	-----	-----
e.	3.5-4.4	-----	-----
f.	4.5-5.4	-----	-----
g.	5.5-6.9	-----	-----
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+	-----	-----



Vertical Curve Section

<u>Start Pt.</u> (in ft.)	<u>End Pt.</u> (in ft.)	<u>Gradient Percent</u>	<u>Length of Curve</u> (in x.xx miles)
0	881	-1.4%	
831	950	0%	
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	<u>Grade Classes by Gradient (Percent)</u>	<u>Number of Grades (Right-Justified)</u>	<u>Length of Grades in Class (Implied Decimal) (xx.xxx miles)</u>
a.	0.0-0.4	1	0.02
b.	0.5-2.4	1	0.16
c.	2.5-4.4	-----	-----
d.	4.5-6.4	-----	-----
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----



CURVE - GRADE DATA COLLECTION
NON - STATE ROADS - FY - 1992

Route No: CO 0352
 Sample No: 5
 County: St. Mary's

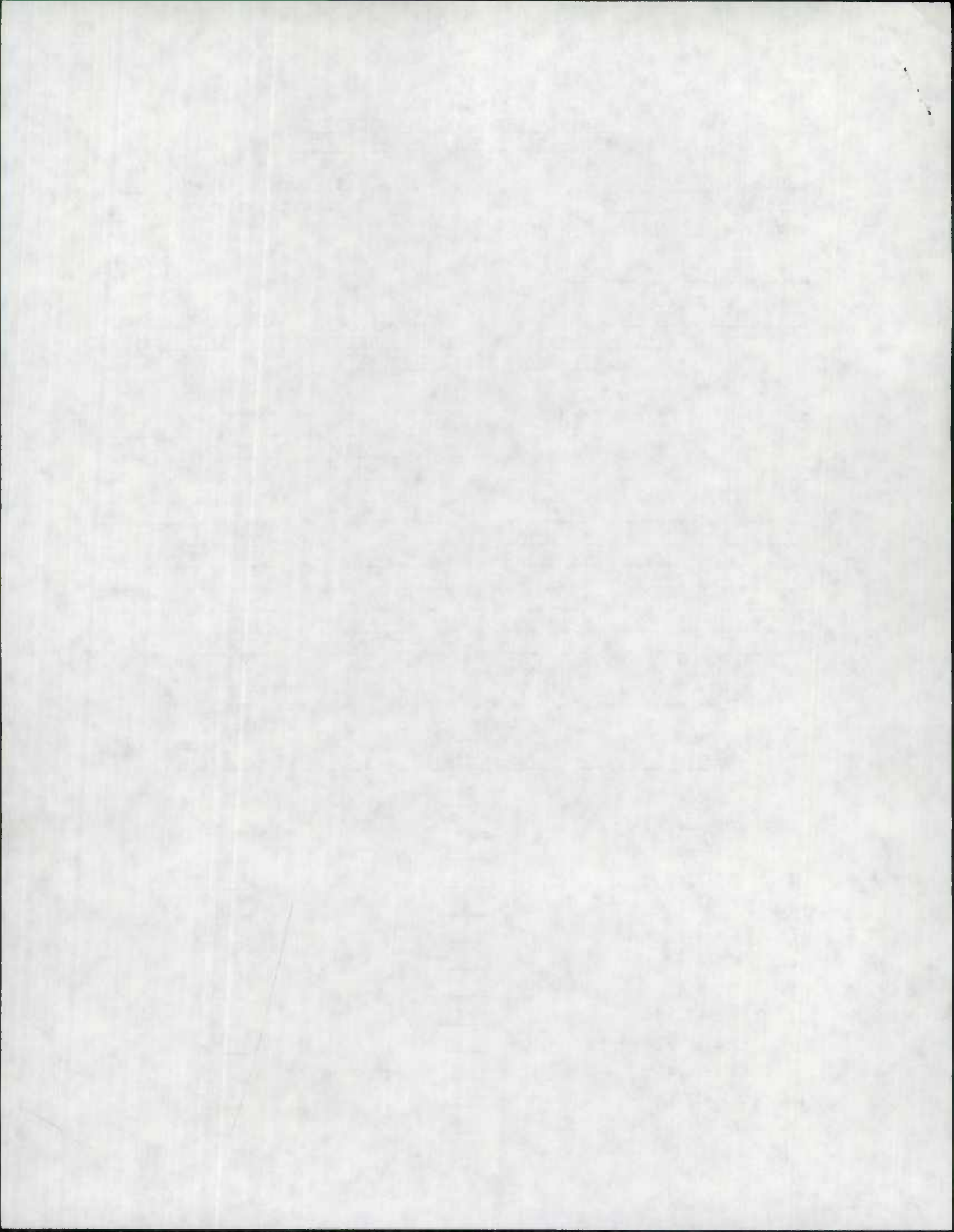
Starting Mile Pt: 1.44
~~0.00~~
 Ending Mile Pt: 2.64

(1.20)

Horizontal Curve Section

<u>Start Pt.</u> (in ft.)	<u>End Pt.</u> (in ft.)	<u>Chord</u> <u>length</u> (/100ft)	<u>Central</u> <u>Ord. Length</u> (/100ft)	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>1235</u>	<u>100</u>	<u>0</u>	
<u>L 1235</u>	<u>2800</u>	<u>99.95</u>	<u>0.7</u>	
<u>2800</u>	<u>6336</u>	<u>100</u>	<u>0</u>	

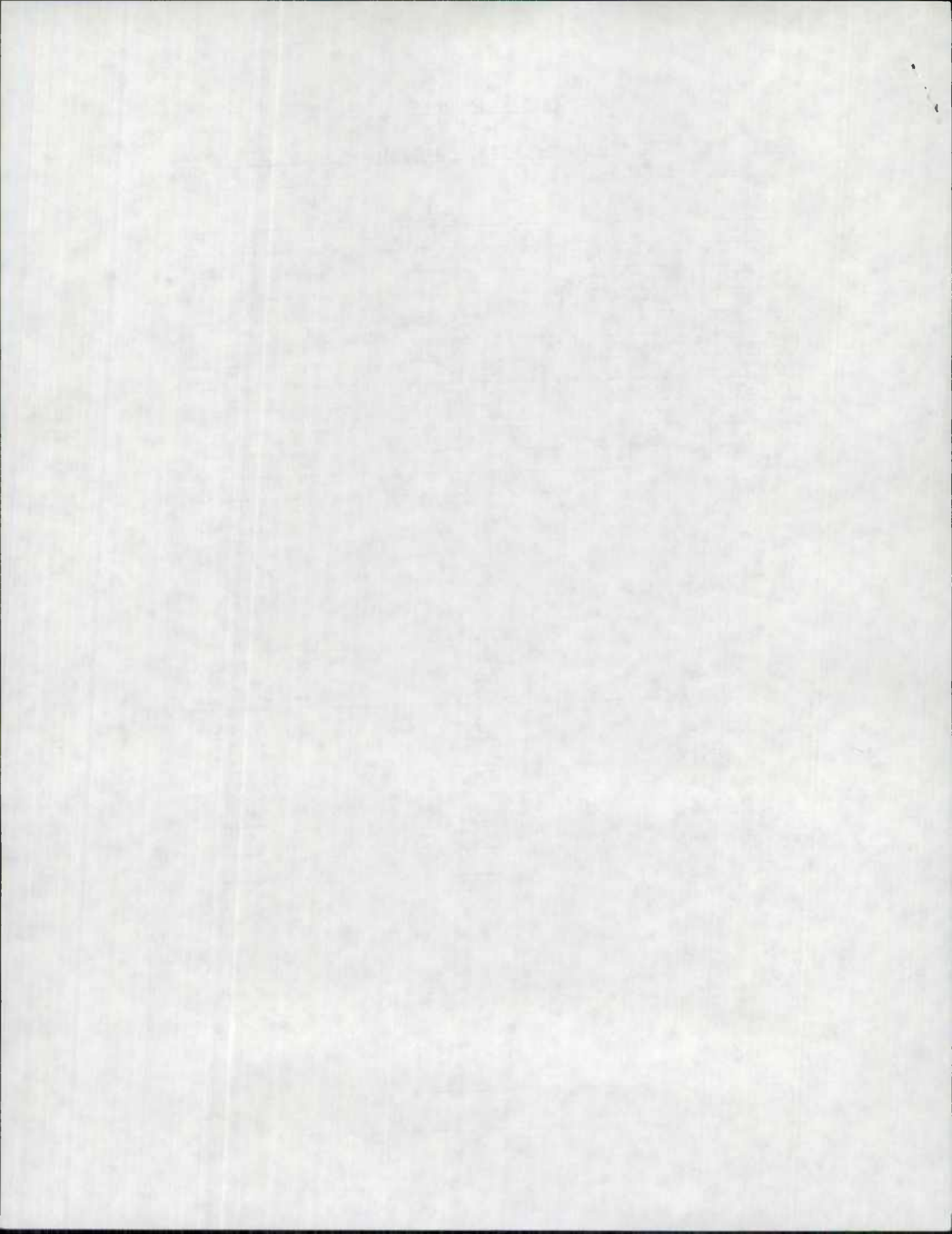
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	<u>2</u>	<u>0.9</u>
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4	<u>1</u>	<u>0.3</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.	28+		

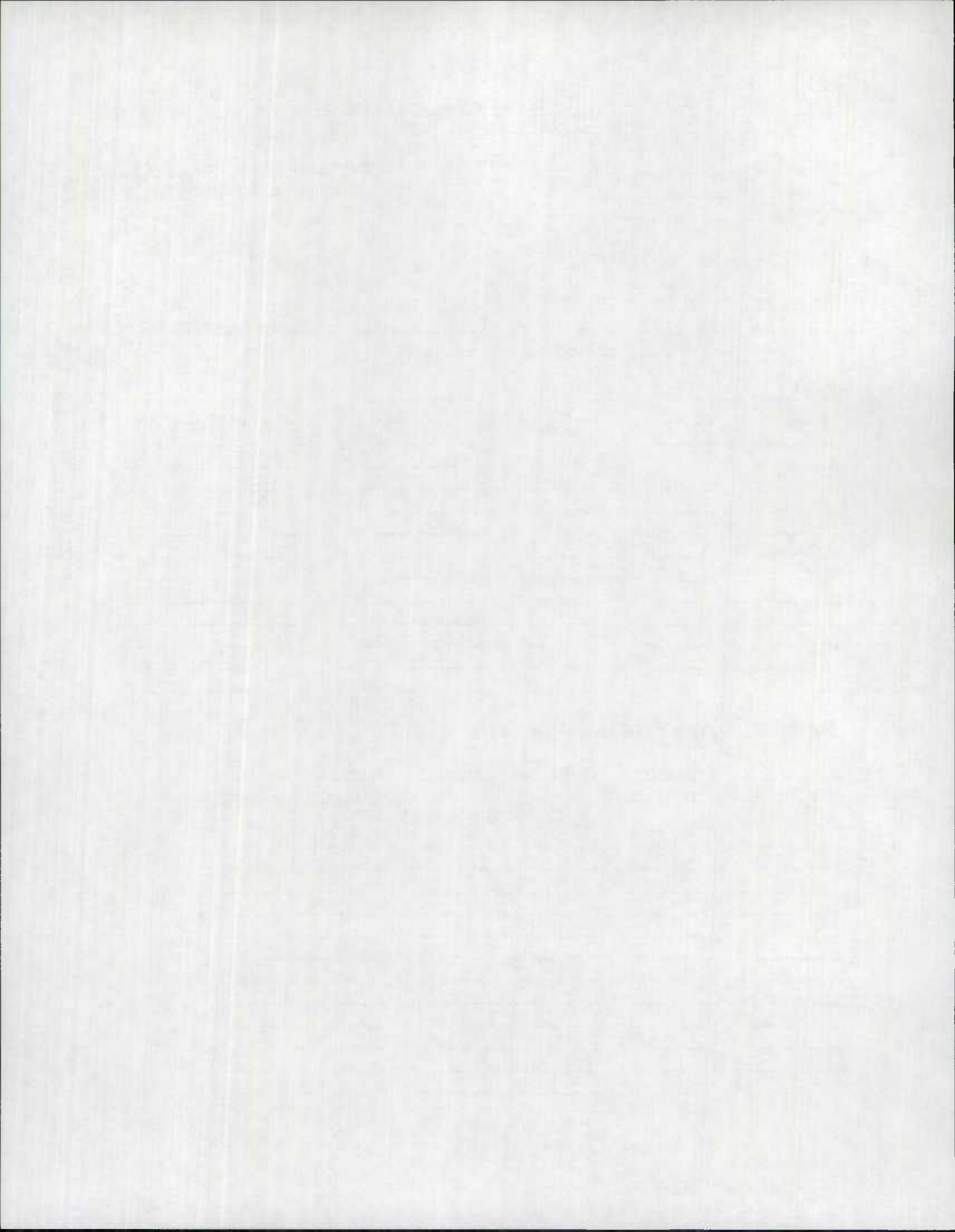


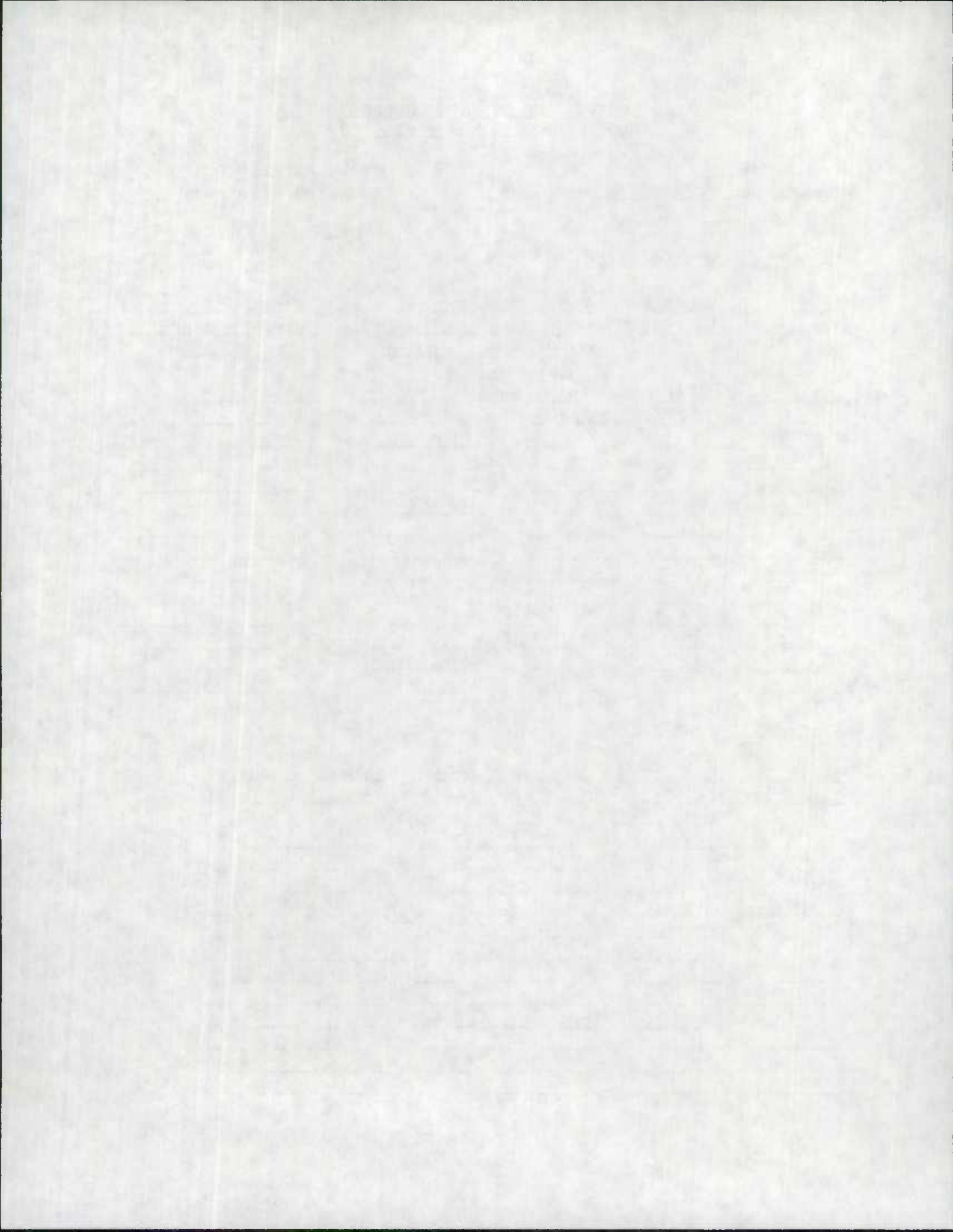
Vertical Curve Section

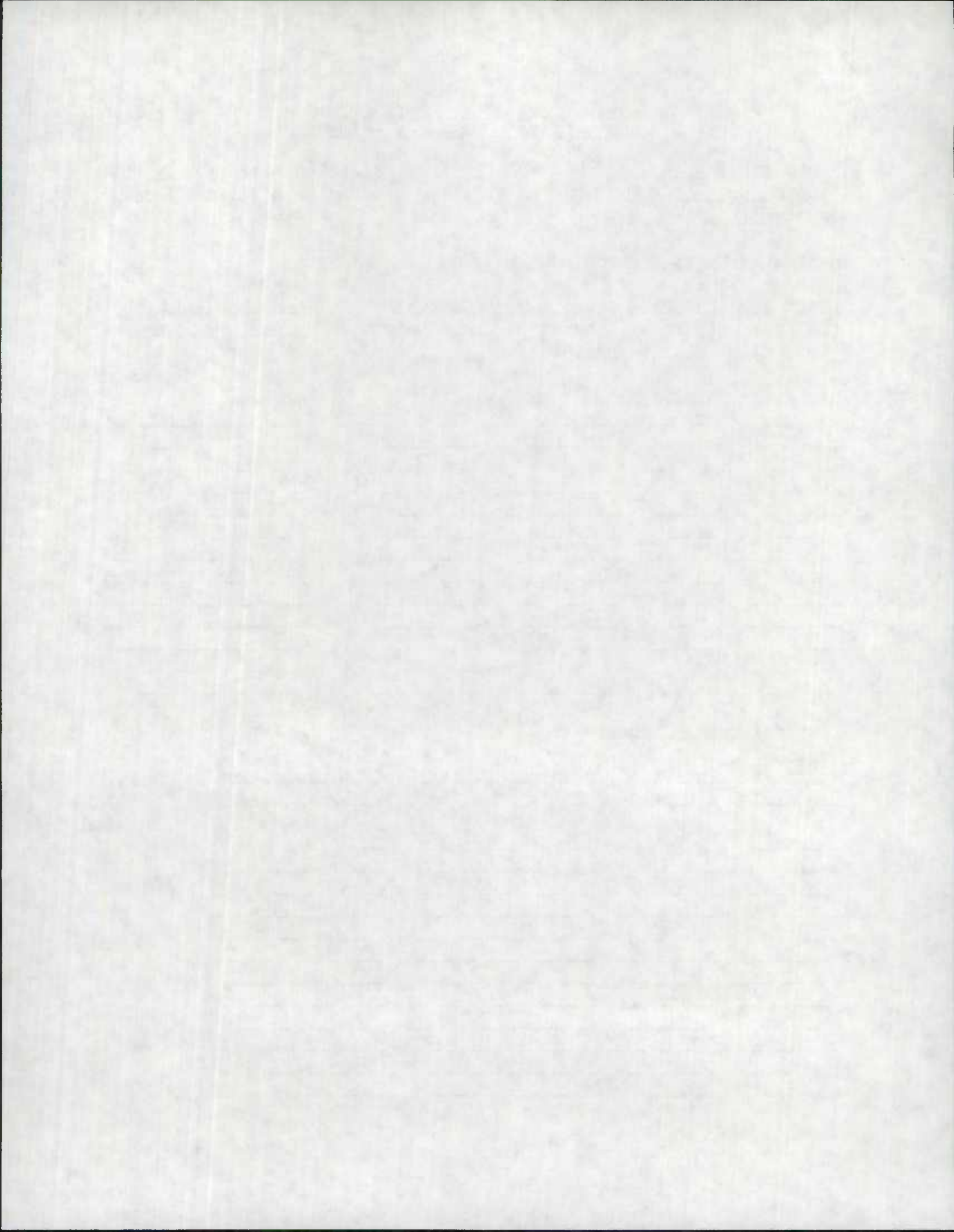
<u>Start Pt.</u> (in ft.)	<u>End Pt.</u> (in ft.)	<u>Gradient Percent</u>	<u>Length of Curve</u> (in x.xx miles)
0	407	-3.7%	
407	261	+1.7%	
361	861 1285	0.1%	
1235 1926	1906 2254	+1.2%	
1926	2254	0%	
2254	2800	-1.8%	
3691 2100	2991	+4.0%	
4991	5448	-1.2%	
5448	5818	0%	
5818	6010	-1.4%	
6010	6336	0%	

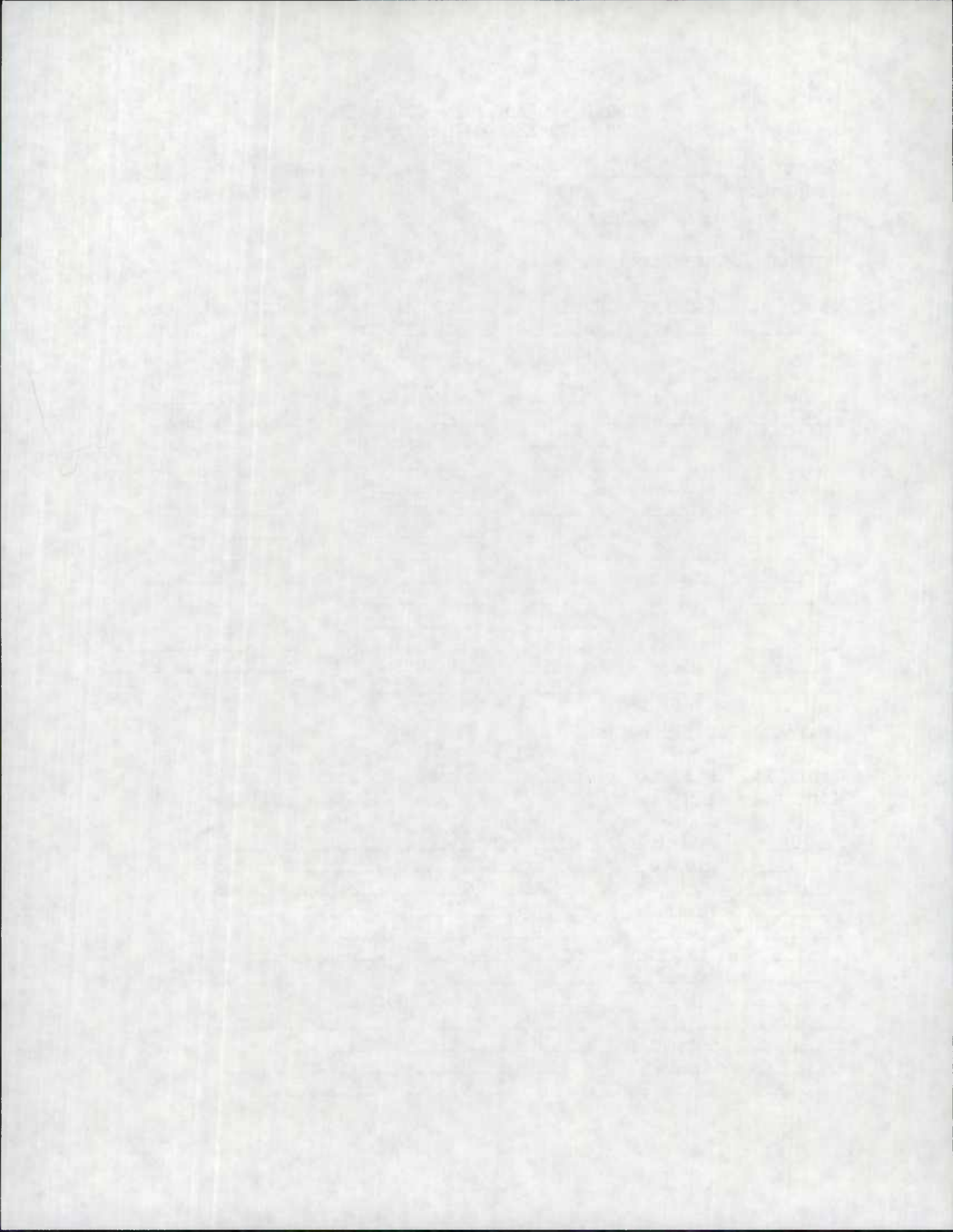
Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a. 0.0-0.4	<u>2</u>	<u>0.15</u>
b. 0.5-2.4	<u>5</u>	<u>0.50</u>
c. 2.5-4.4	<u>2</u>	<u>0.55</u>
d. 4.5-6.4	---	---
e. 6.5-8.4	---	---
f. 8.5-	---	---











CURVE - GRADE DATA COLLECTION
NON - STATE ROADS - FY - 1992

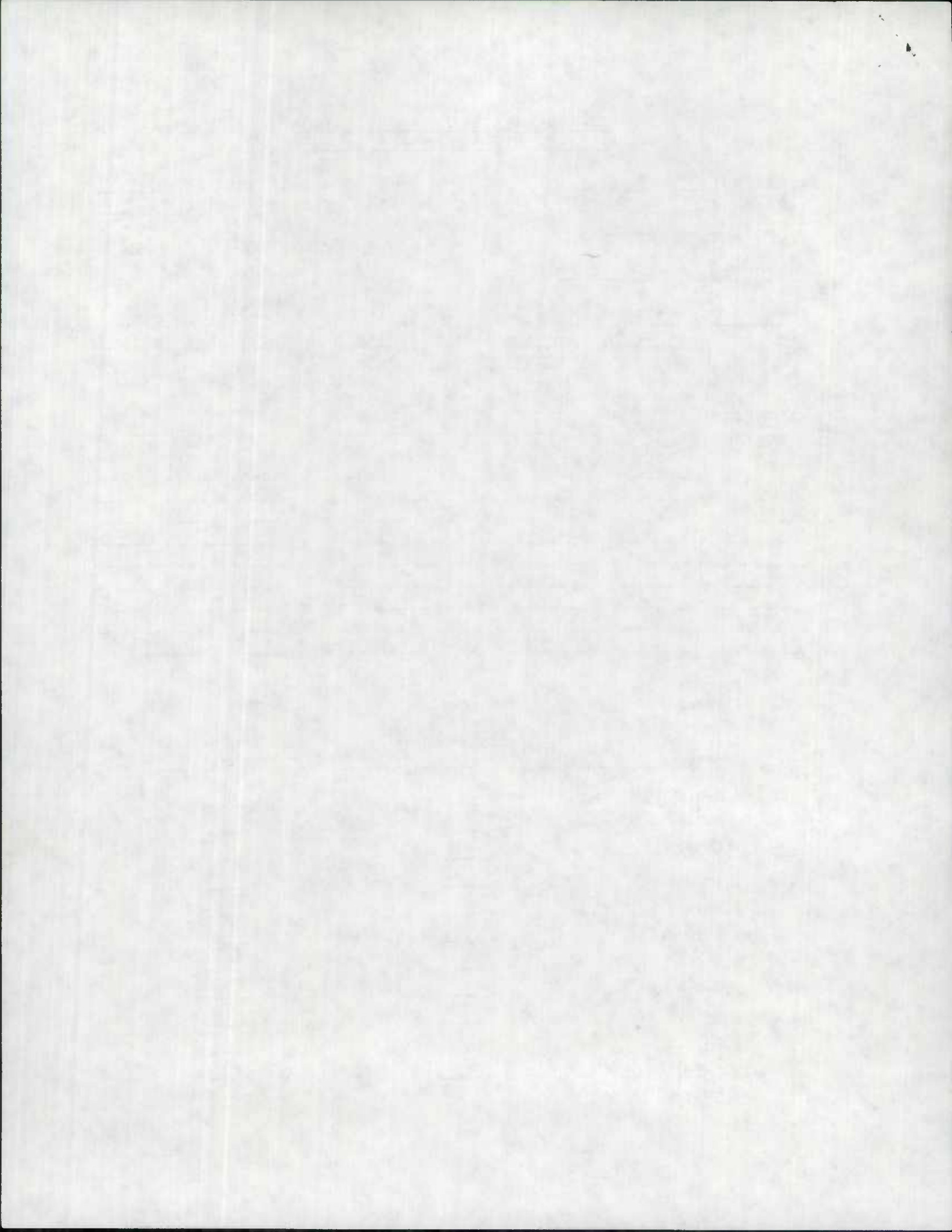
Route No: CO 0426
Sample No: 6
County: St. Marys

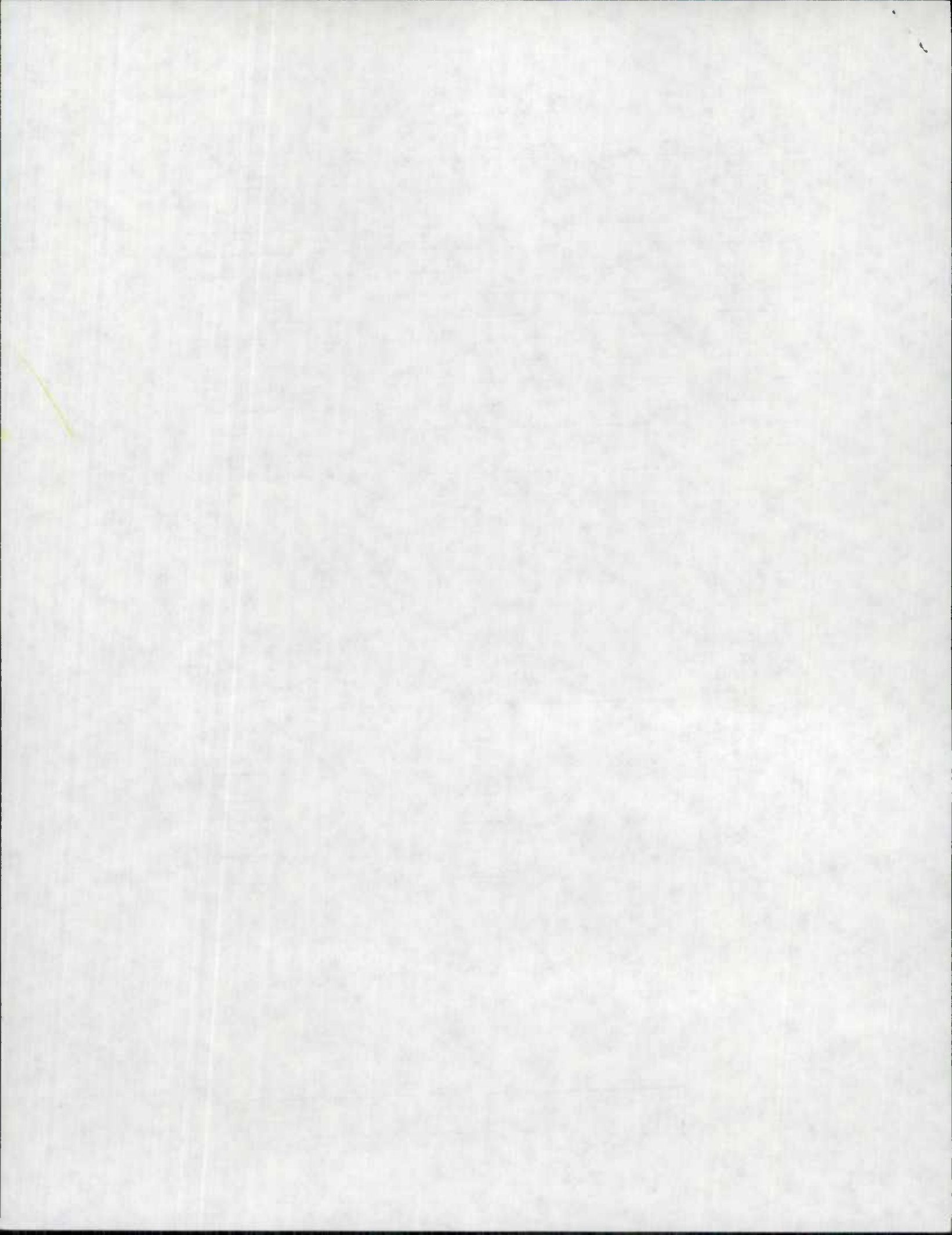
Starting Mile Pt: 0.00
Ending Mile Pt: 0.27
(0.27)

Horizontal Curve Section

<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
R <u>0</u>	<u>258</u>	<u>99.1</u>	<u>5.0</u>	-----
422	422	-----	-----	-----
422 <u>258</u> → <u>673</u>		<u>100</u>	<u>0</u>	-----
L <u>673</u>	<u>886</u>	<u>99.4</u>	<u>3.7</u>	-----
<u>886</u>	<u>1425</u>	<u>100</u>	<u>0</u>	-----
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<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
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	-----	-----
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	<u>1</u>	<u>0.05</u>
m. 28+	-----	-----





ROUTE NUMBER: MD 234

STARTING MILE POINT: 0.00

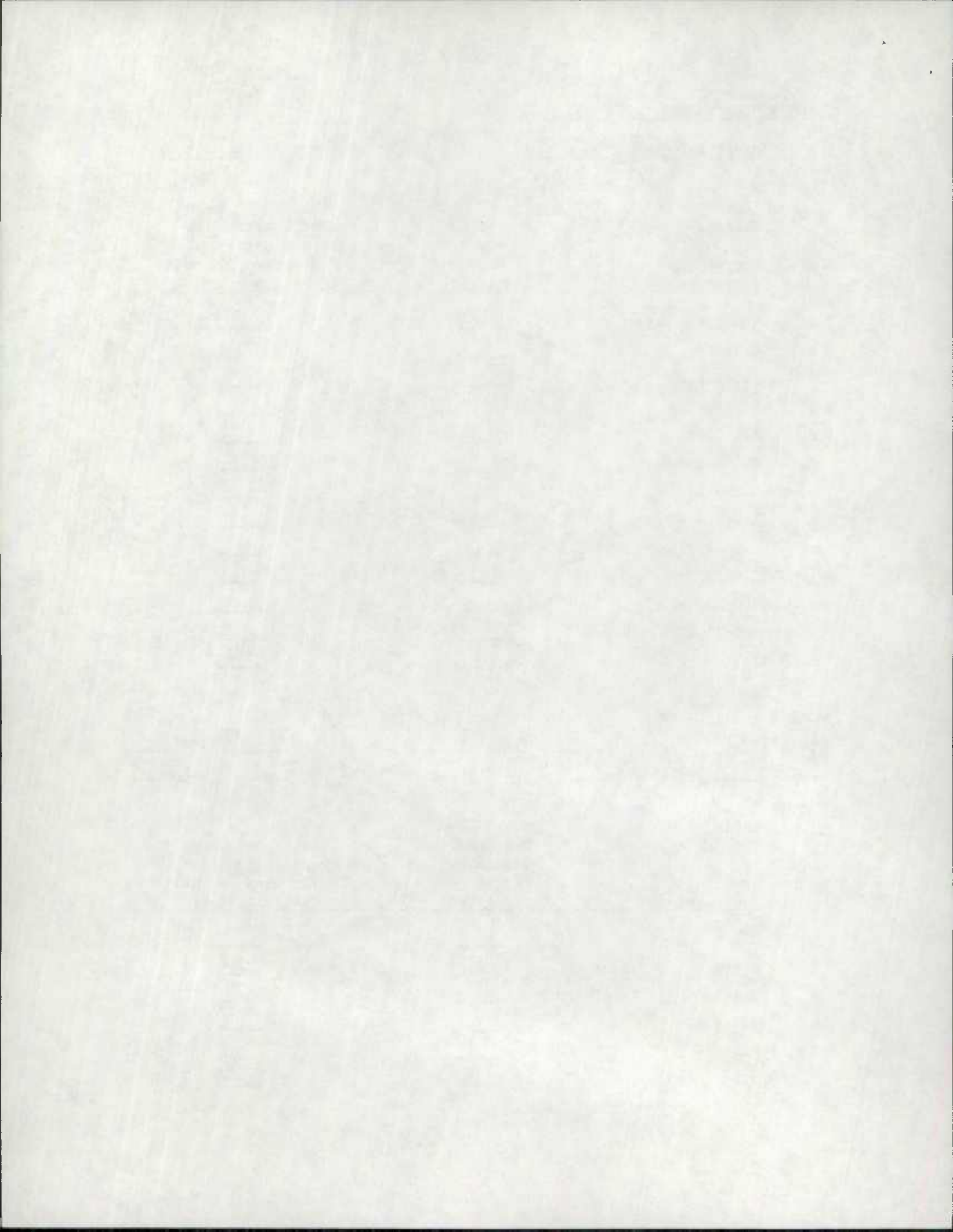
ENDING MILE POINT: 1.33

1.33

	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>2</u>	<u>1.01</u>
b.	0.5-1.4	<u> </u>	<u> </u>
c.	1.5-2.4 →	<u>1</u>	<u>0.32</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: (0,0)
 pt(i) (0,0) pt(ii) (2.9, +0.7) pt(iii) (16.6, 6.9) pt(iv) (57.1, 10) pt(v) (52.7, +9.3)
 pt(vi) (64.5, 10.1) pt(vii) (70.2, 10.0) 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>3</u>	<u>0.63</u>
c.	2.5-4.4	<u>1</u>	<u>0.39</u>
d.	4.5-6.4	<u>1</u>	<u>0.06</u>
e.	6.5-8.4	<u> </u>	<u> </u>
f.	8.5-	<u>1</u>	<u>0.28</u>



ROUTE NUMBER: MD 234

STARTING MILE POINT: 8.51

ENDING MILE POINT: 9.16

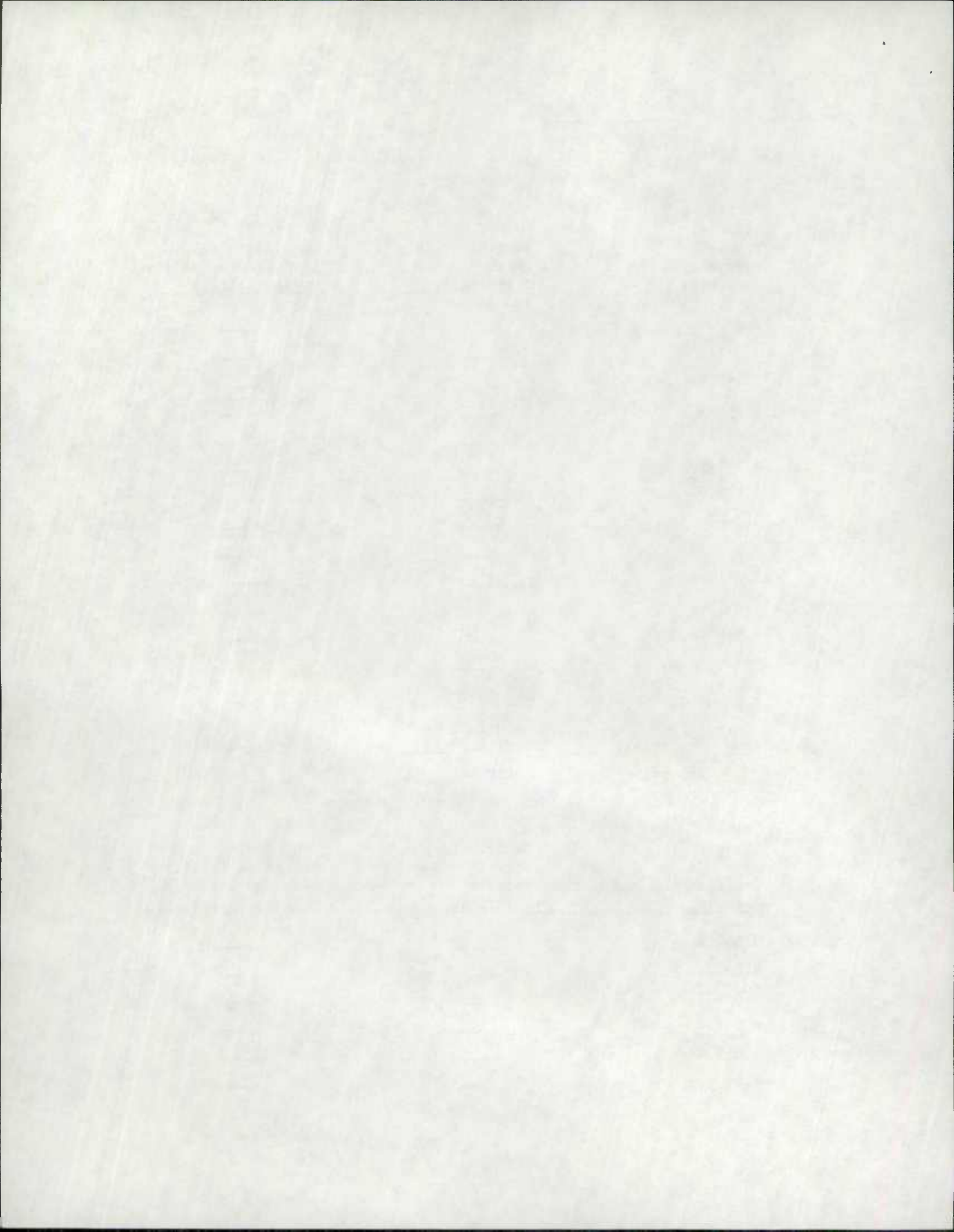
.65

	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>0.04</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) (3.3, -0.1) pt (iii) (20.2, -2.5) pt (iv) (22, -0.4) pt (v) (34.5, -0.7)
pt (vi) pt (vii) pt (viii) pt (ix) pt (x)

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u> </u>	<u> </u>
b.	0.5-2.4	<u>1</u>	<u>0.06</u>
c.	2.5-4.4	<u>2</u>	<u>0.35</u>
d.	4.5-6.4	<u> </u>	<u> </u>
e.	6.5-8.4	<u>1</u>	<u>0.24</u>
f.	8.5-	<u> </u>	<u> </u>



ROUTE NUMBER: MD 235

STARTING MILE POINT: 0.00

ENDING MILE POINT: 0.48

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.48</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) (2.4, 0.2)

pt (iii) (15.2, 4.1)

pt (iv) (23.8, 5.1)

pt (v) (25.8, 5.3)

pt (vi)

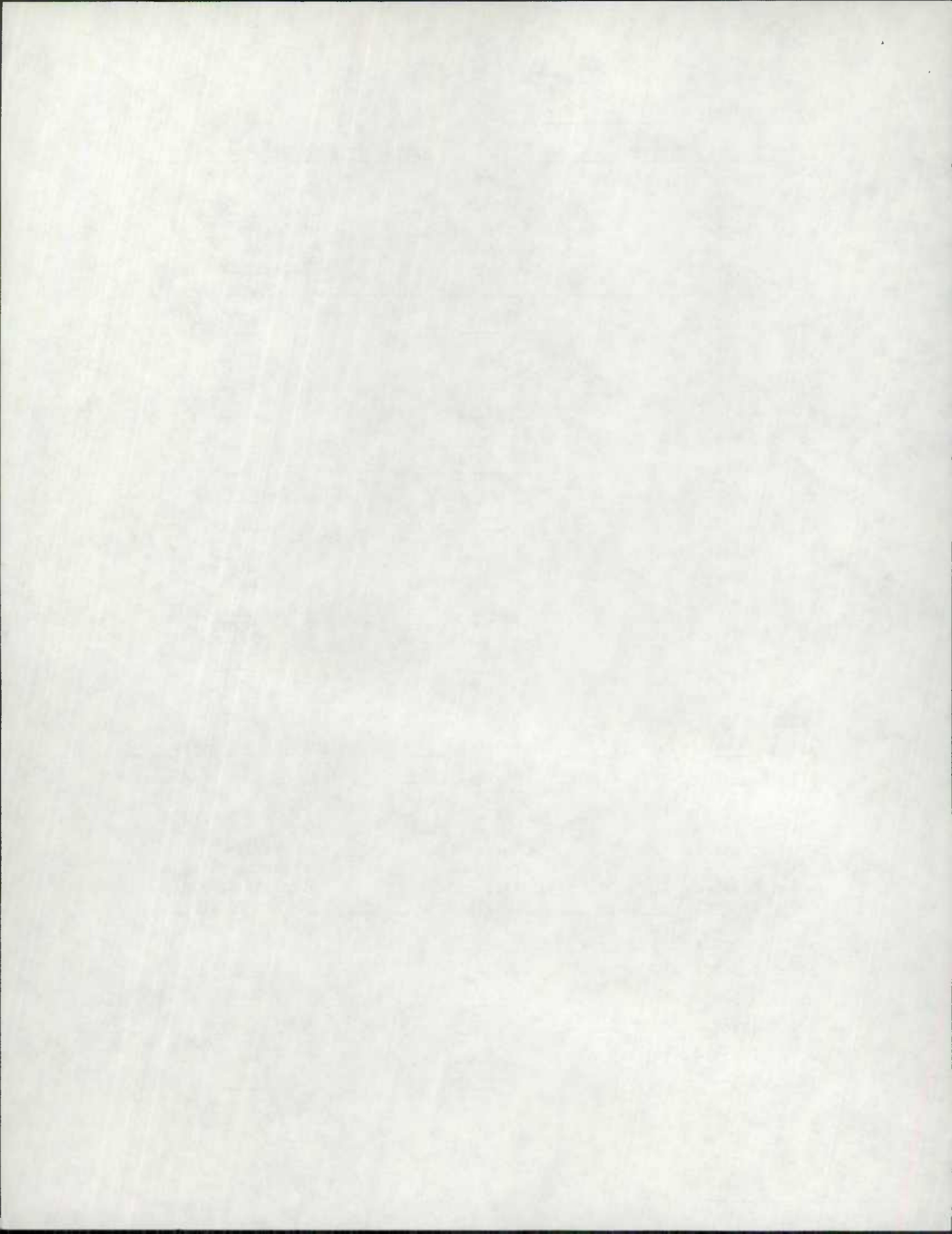
pt (vii)

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>0.21</u>
c.	2.5-4.4	<u>1</u>	<u>0.03</u>
d.	4.5-6.4	<u>81</u>	<u>0.24</u>
e.	6.5-8.4	<u> </u>	<u> </u>
f.	8.5-	<u> </u>	<u> </u>



ROUTE NUMBER: MD 235

STARTING MILE POINT: 0.48

ENDING MILE POINT: 2.74

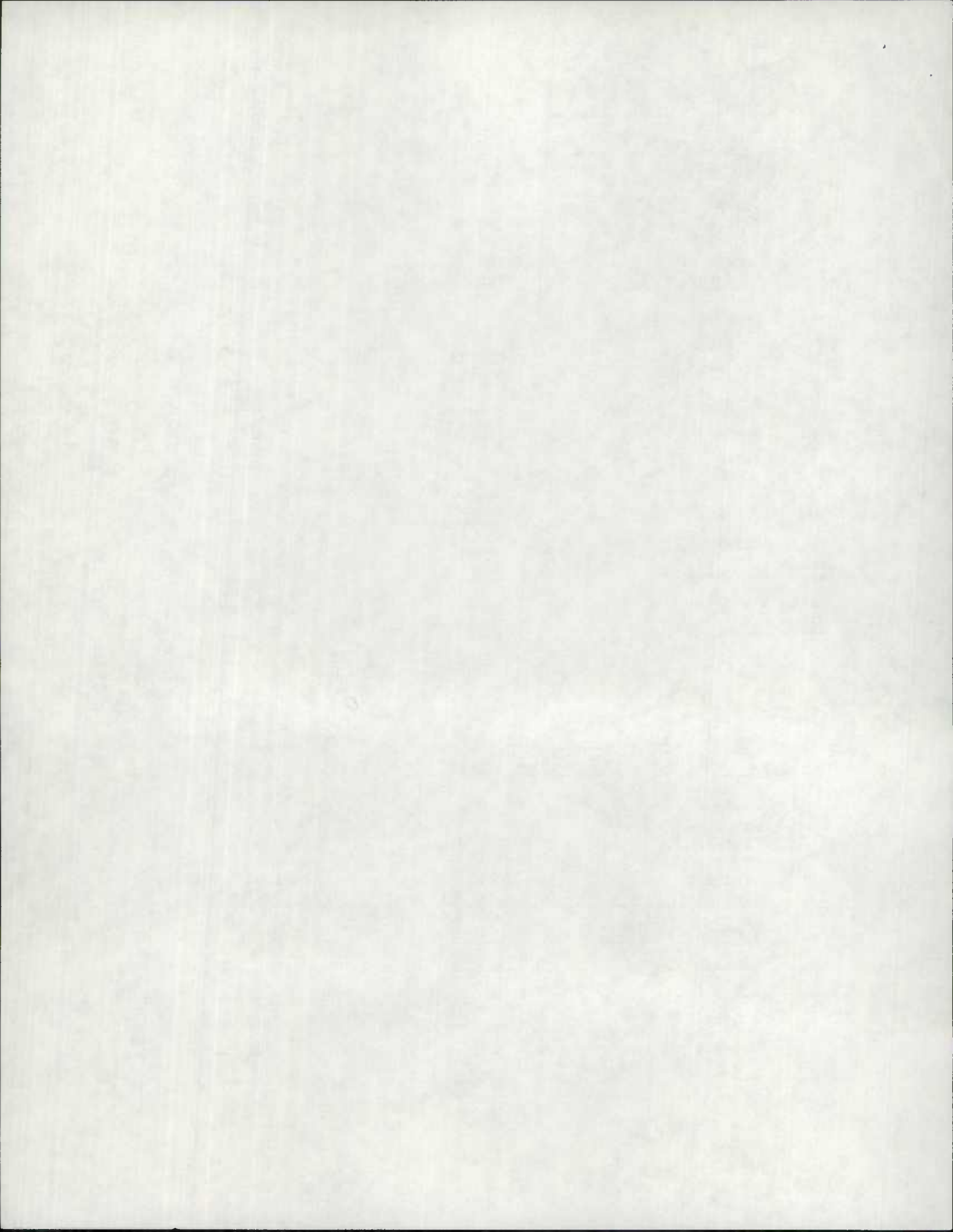
2.26

	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 \longrightarrow	<u>8</u>	<u>1.40</u>
b.	0.5-1.4 \longrightarrow	<u>2</u>	<u>0.69</u>
c.	1.5-2.4 \longrightarrow	<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	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt (i) (0.0) pt (ii) (3.0, 0.2) pt (iii) (13.5, 0.6) pt (iv) (3.0, 0.4) pt (v) (57.6, 0.8)
 pt (vi) (70.7, -0.4) pt (vii) (108.3, 0.5) pt (viii) (119.4, 0.9) 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>0.64</u>
b.	0.5-2.4	<u>5</u>	<u>1.62</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 235

STARTING MILE POINT: 10.48

ENDING MILE POINT: 11.81

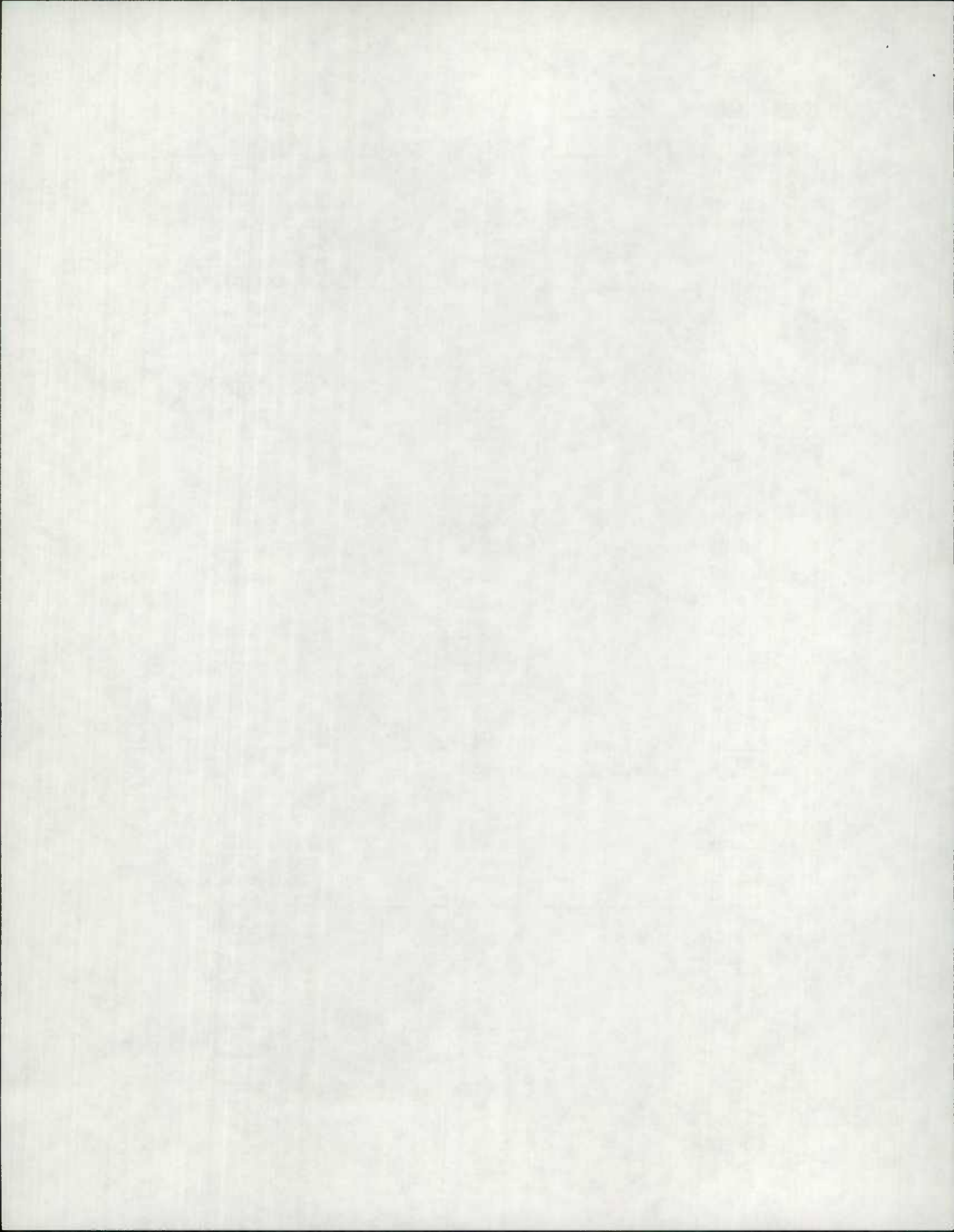
1.33

	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>3</u>	<u>0.69</u>
b.	0.5-1.4 →	<u>2</u>	<u>0.35</u>
c.	1.5-2.4 →	<u>1</u>	<u>0.29</u>
d.	2.5-3.4	—	—
e.	3.5-4.4	—	—
f.	4.5-5.4	—	—
g.	5.5-6.9	—	—
h.	7.0-8.4	—	—
i.	8.5-10.9	—	—
j.	11.0-13.9	—	—
k.	14.0-19.4	—	—
l.	19.5-27.9	—	—
m.	23+	—	—

GRADE:

pt(i) (0.0) pt(ii) (14.3, -0.1) pt(iii) (8.4, 0) pt(iv) (2.4, -0.2) pt(v) (32.2, -0.5)
 pt(vi) (50.2, -0.7) pt(vii) (21.7, -0.9) pt(viii) (53.9, -1.1) pt(ix) (57.1, -1.5) pt(x) (62.3, -1.5)
(70.2, -2.3)

	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>1</u>	<u>0.79</u>
b.	0.5-2.4	<u>4</u>	<u>0.45</u>
c.	2.5-4.4	<u>2</u>	<u>0.09</u>
d.	4.5-6.4	—	—
e.	6.5-8.4	—	—
f.	8.5-	—	—



ROUTE NUMBER: MD 235

STARTING MILE POINT: 12.15

ENDING MILE POINT: 12.75

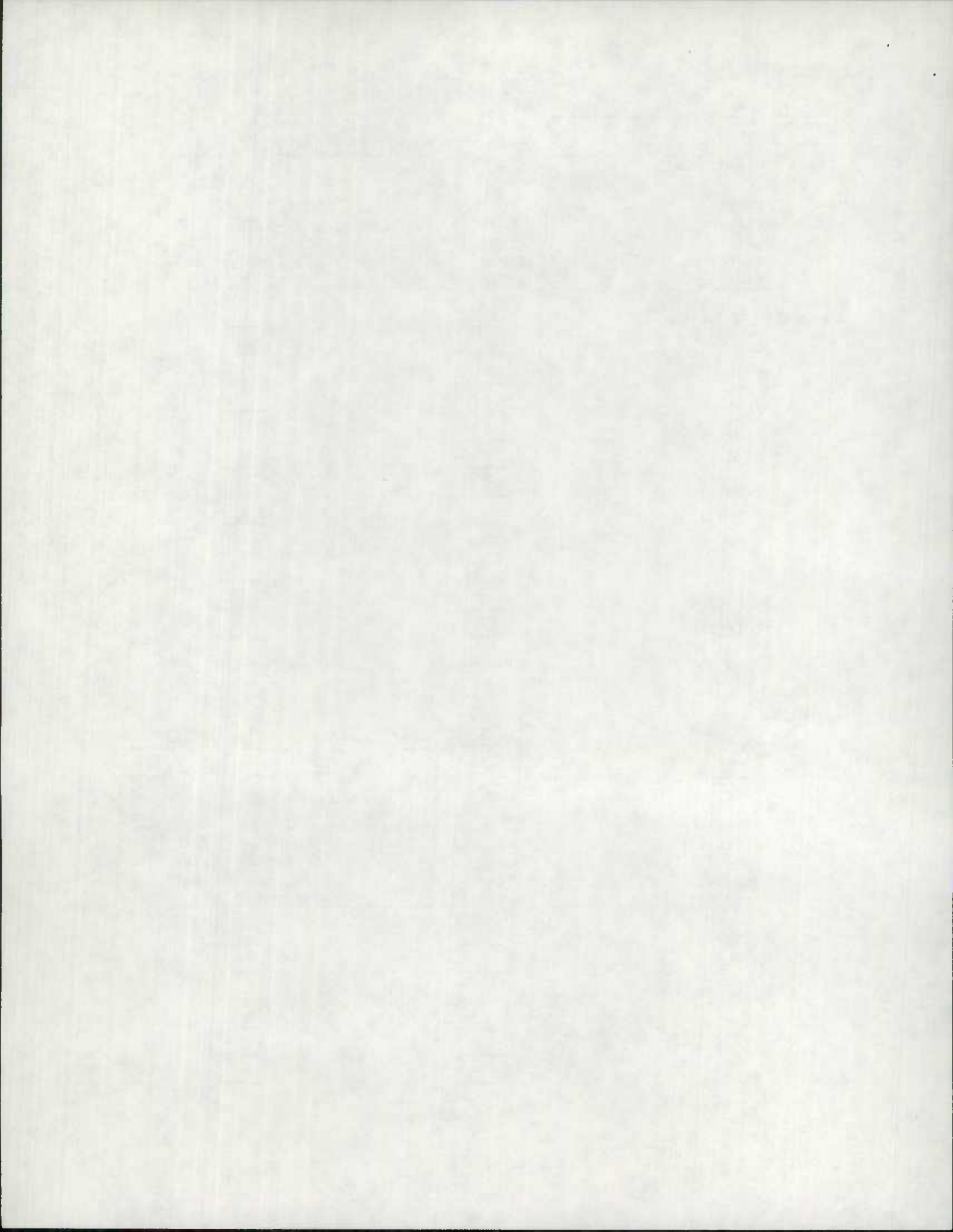
16

	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>0.80</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4 →	<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) (9.4, 0.1) pt(iii) (12.1, -0.9) pt(iv) (22.5, -0.9) pt(v) (31.8, 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	<u>1</u>	<u>0.20</u>
b.	0.5-2.4	<u>3</u>	<u>0.40</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 235

STARTING MILE POINT: 15.19

ENDING MILE POINT: 15.39

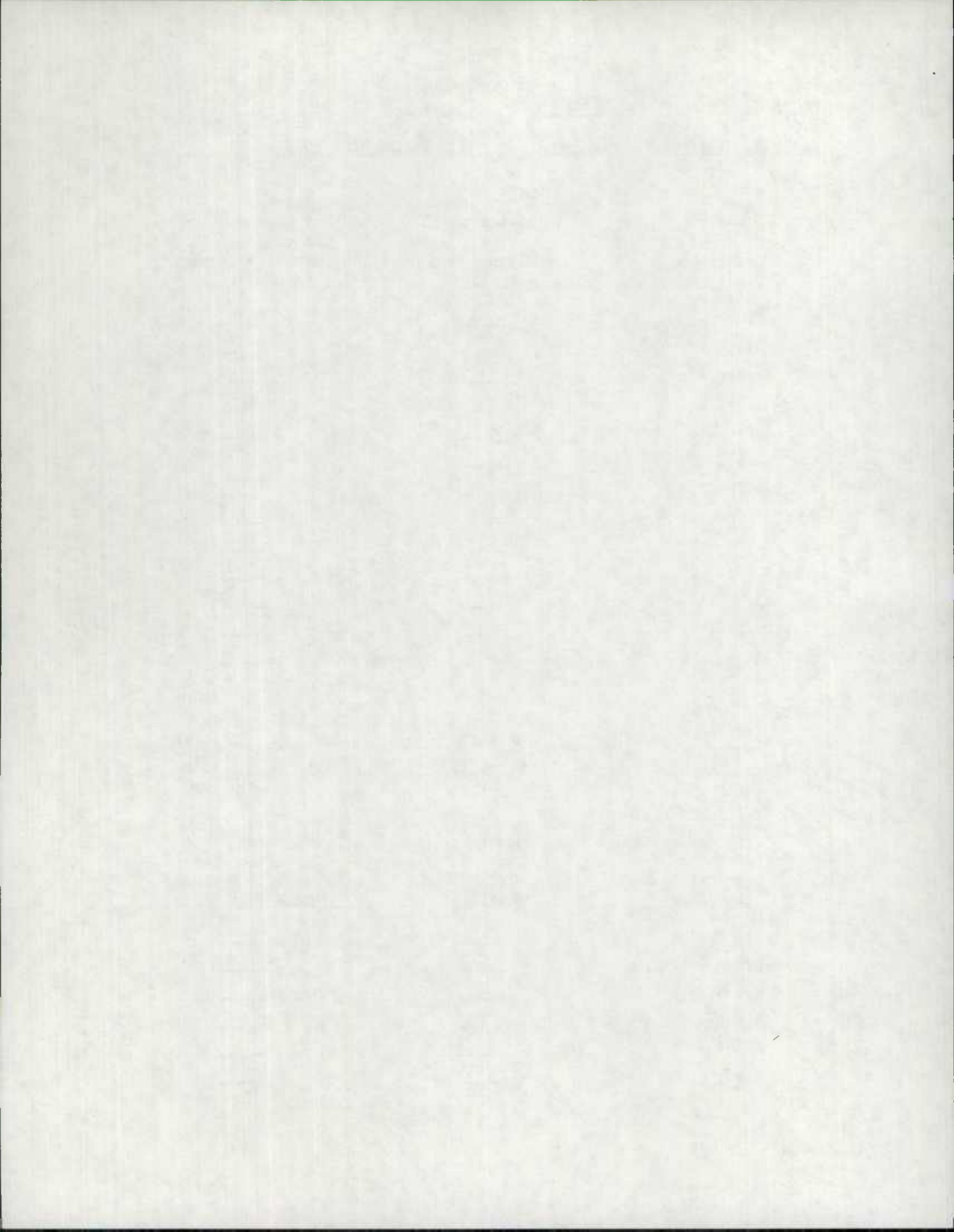
12

	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>0.20</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) (0.1-0.4) pt(iii) (0.5-0.9) 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	_____	_____
b.	0.5-2.4	<u>2</u>	<u>0.20</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 246

STARTING MILE POINT: 1.89

ENDING MILE POINT: 1.93

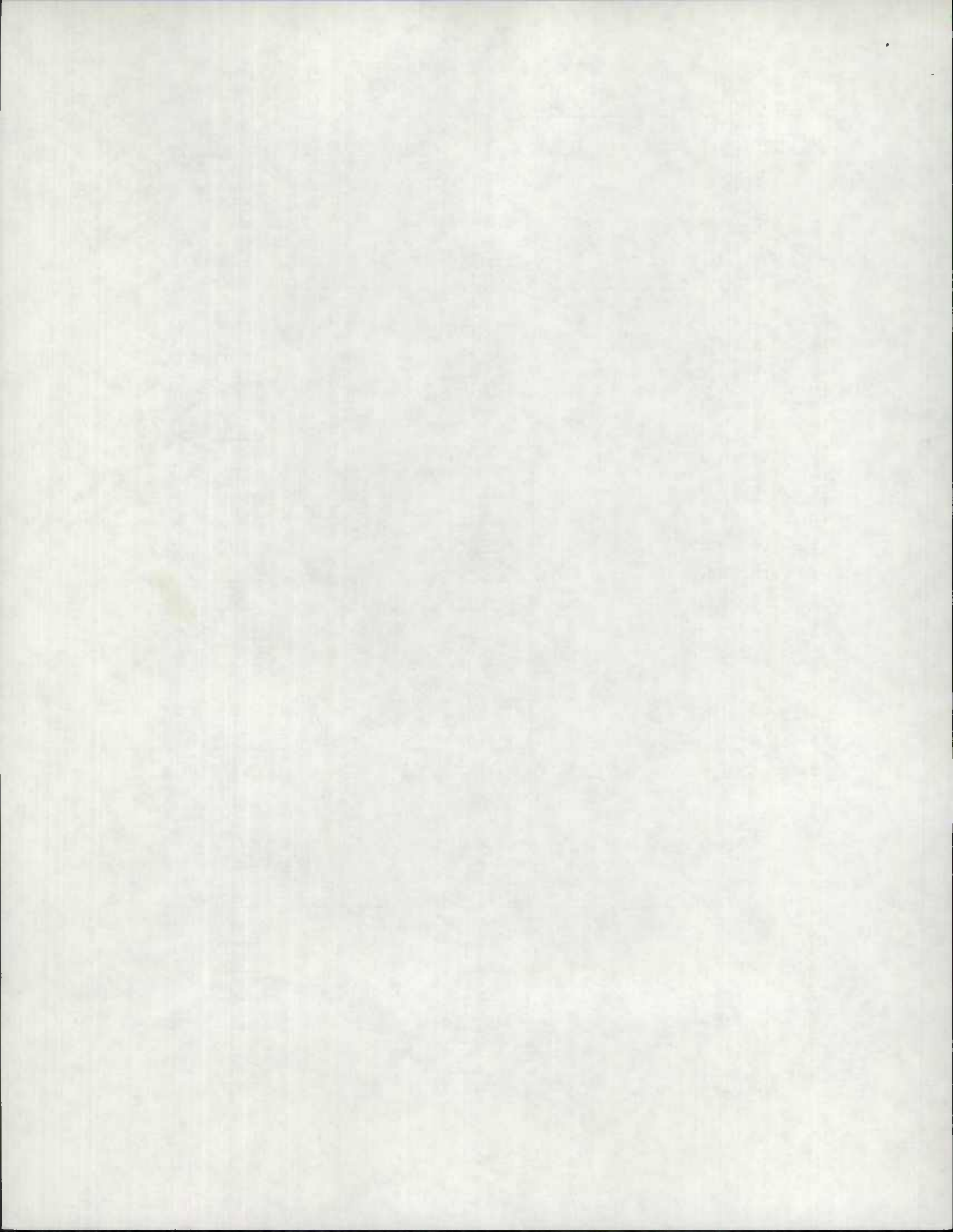
.04

	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	_____	_____
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) (2.1-0.1) 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>0.04</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 246

STARTING MILE POINT: 1.93

ENDING MILE POINT: 1.99

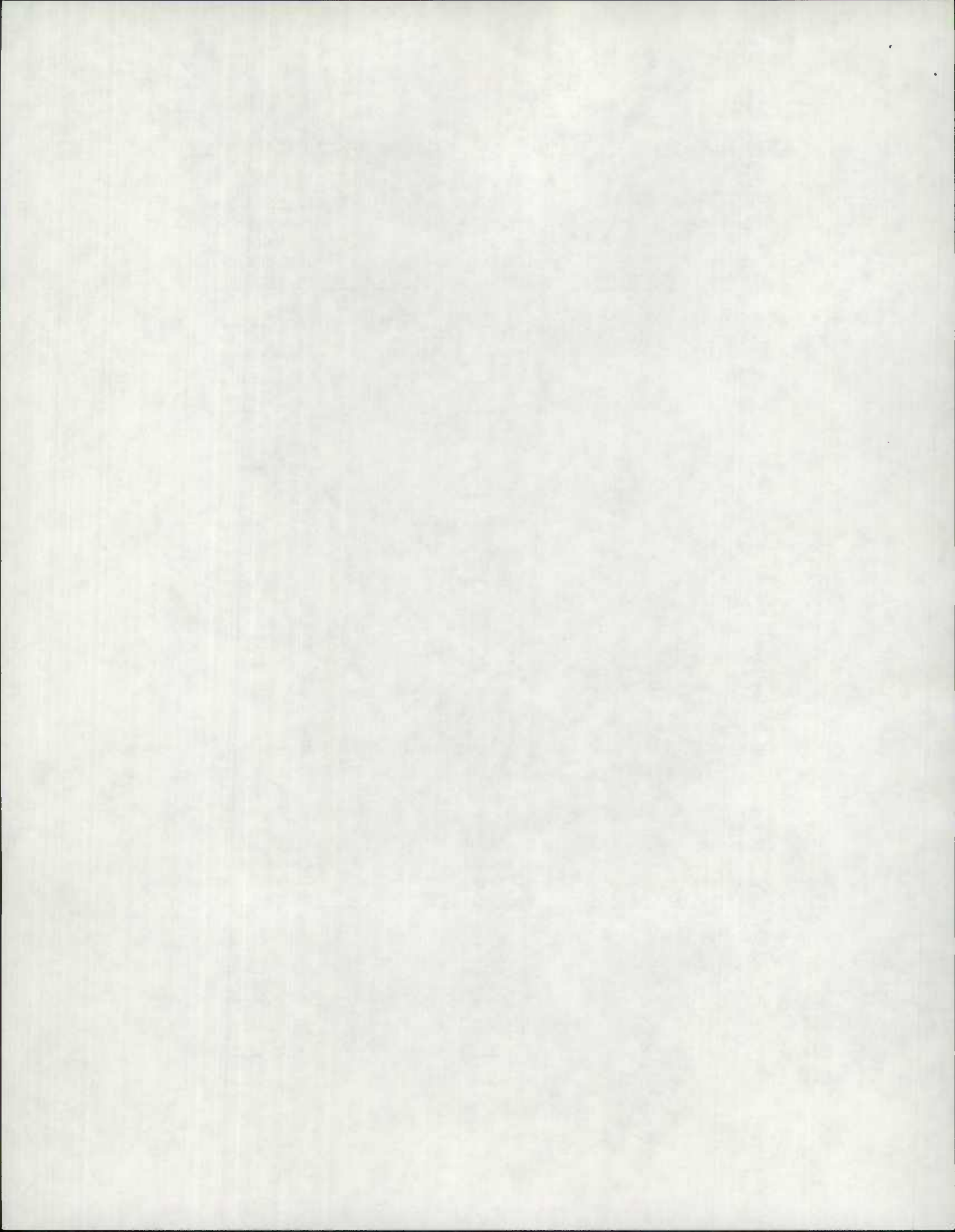
.06

	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) (1.1, 0) pt(iii) 3.2, 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	_____	_____
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 246

STARTING MILE POINT: 1.99

ENDING MILE POINT: 2.33

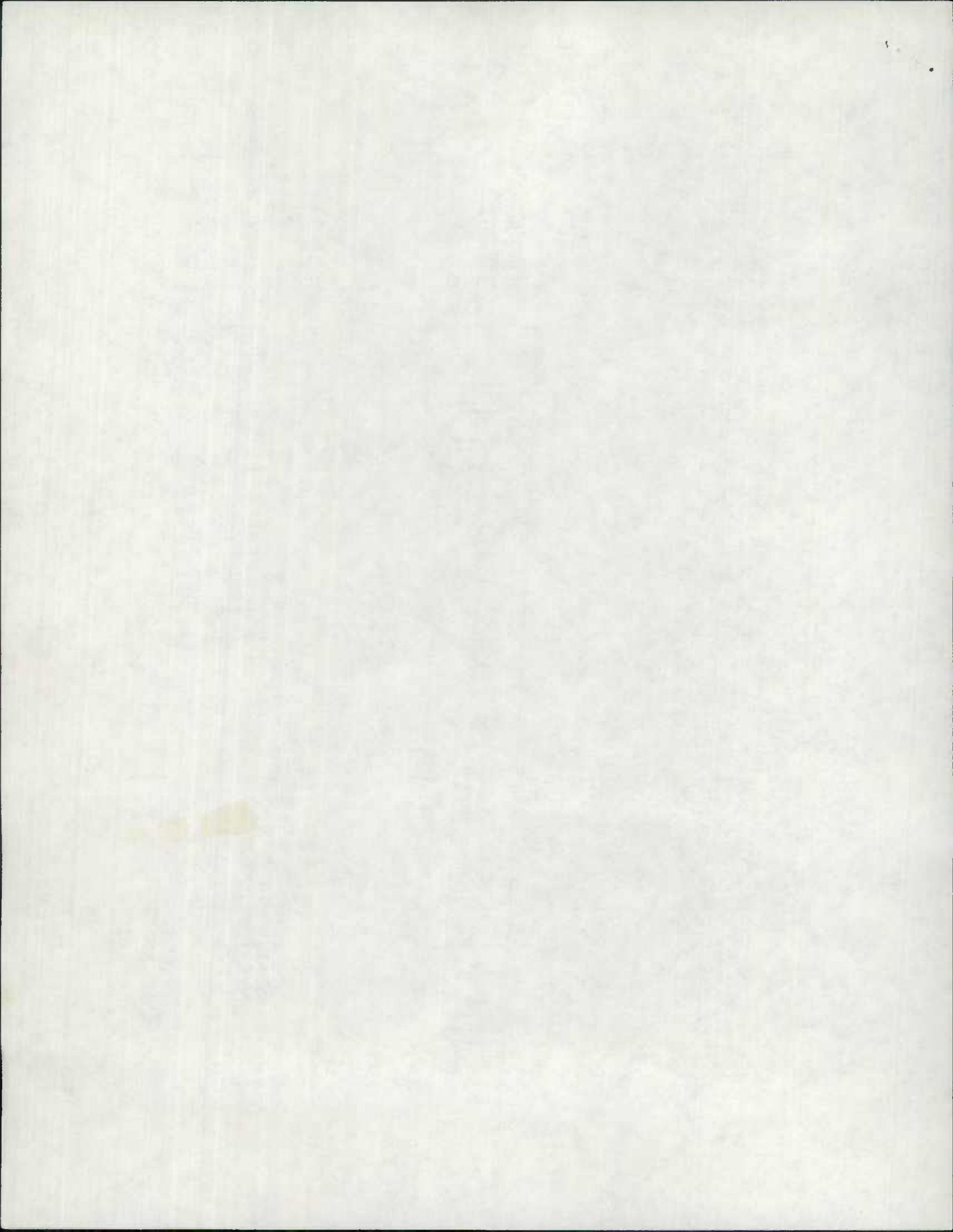
.34

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>0.34</u>
b. 0.5-1.4	<u> </u>	<u> </u>
c. 1.5-2.4	<u> </u>	<u> </u>
d. 2.5-3.4	<u> </u>	<u> </u>
e. 3.5-4.4	<u> </u>	<u> </u>
f. 4.5-5.4	<u> </u>	<u> </u>
g. 5.5-6.9	<u> </u>	<u> </u>
h. 7.0-8.4	<u> </u>	<u> </u>
i. 8.5-10.9	<u> </u>	<u> </u>
j. 11.0-13.9	<u> </u>	<u> </u>
k. 14.0-19.4	<u> </u>	<u> </u>
l. 19.5-27.9	<u> </u>	<u> </u>
m. 23+	<u> </u>	<u> </u>

GRADE:

pt(i) (0,0) pt(ii) (2.1,-0.1) pt(iii) (10.4,0.2) pt(iv) (15.9,0.8) pt(v) (18,0.5)
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>3</u>	<u>0.30</u>
c. 2.5-4.4	<u>1</u>	<u>0.04</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>



Vert - 4/1/92 4:00

Hor 4/2

ROUTE NUMBER: MD 4

STARTING MILE POINT: 0.00

ENDING MILE POINT: 0.02

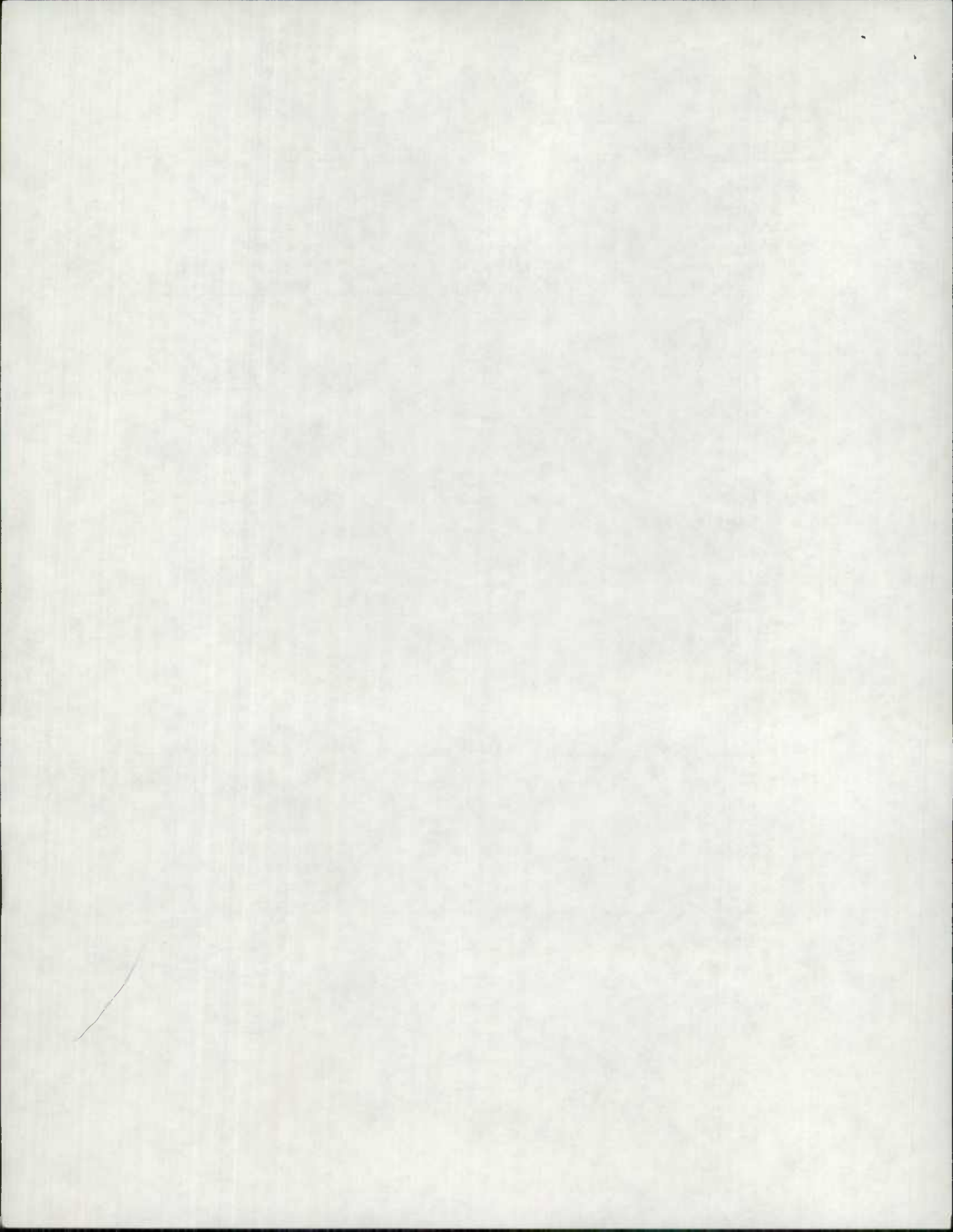
.02

	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	_____	_____
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	→ <u>1</u>	<u>0.02</u>
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9	_____	_____
j.	11.0-13.9	_____	_____
k.	14.0-19.4	_____	_____
l.	19.5-27.9	_____	_____
m.	23+	_____	_____

GRADE:

pt(i) 0.0 pt(ii) 0.0-0.1 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 4

STARTING MILE POINT: 0.07

ENDING MILE POINT: 0.5

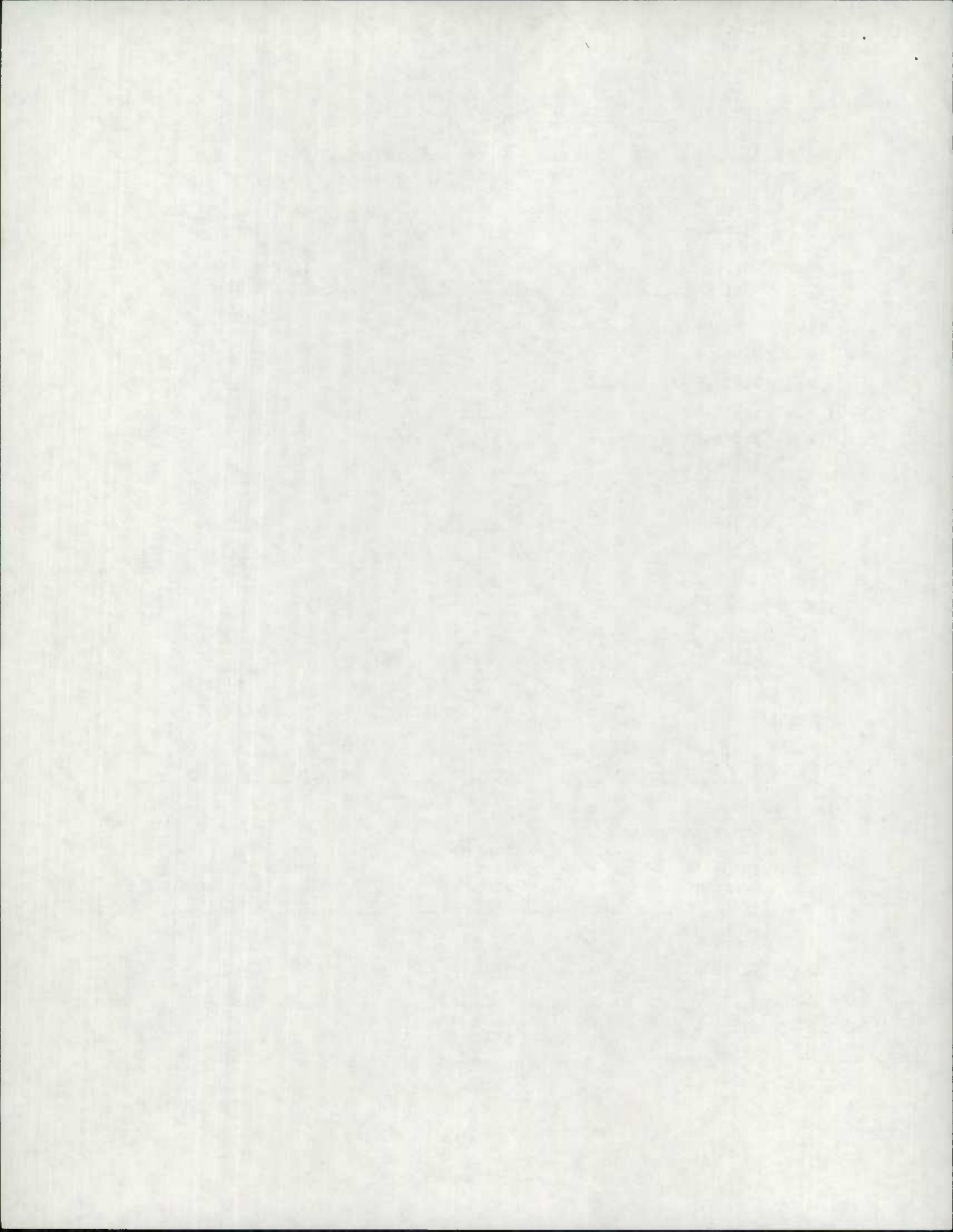
.48

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4 →	<u>3</u>	<u>0.24</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4 →	<u>1</u>	<u>0.11</u>
e.	3.5-4.4 →	<u>1</u>	<u>0.08</u>
f.	4.5-5.4	_____	_____
g.	5.5-6.9	_____	_____
h.	7.0-8.4	_____	_____
i.	8.5-10.9 →	<u>1</u>	<u>0.05</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) (1.8, 0.2) pt(iii) (4.8, 0.6) pt(iv) (13.7, 1) pt(v) (17.5, 1.8)
 pt(vi) (25.3, 2.75) 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>0.17</u>
c.	2.5-4.4	<u>4</u>	<u>0.31</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 4

STARTING MILE POINT: 0.5

ENDING MILE POINT: 2.27

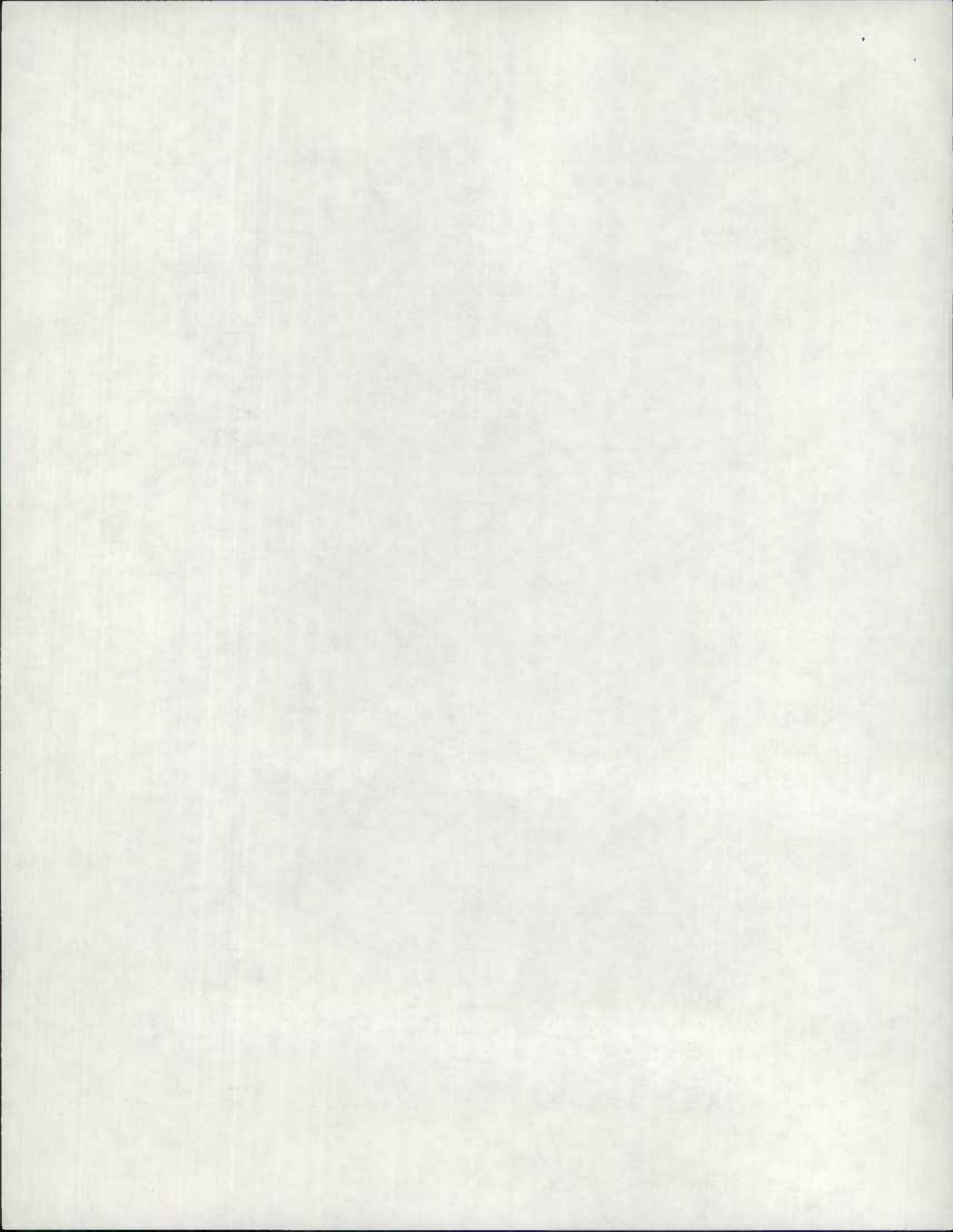
1.77

	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>6</u>	<u>1.00</u>
b.	0.5-1.4	<u>1</u>	<u>0.12</u>
c.	1.5-2.4	<u>1</u>	<u>0.12</u>
d.	2.5-3.4	<u>1</u>	<u>0.09</u>
e.	3.5-4.4	<u>2</u>	<u>0.29</u>
f.	4.5-5.4	<u>1</u>	<u>0.15</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) (2.3, 0.3) pt(iii) (11.9, -1.4) pt(iv) (30.2, 4) pt(v) (40.3, 1)
 pt(vi) (50.5, 0.5) pt(vii) (55.7, 1.1) pt(viii) (67, 0.3) pt(ix) (77.1, 2.4) pt(x) (80.8, 2)
(90.8, 2.4) (93.4, 2.2)

	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>6</u>	<u>0.82</u>
c.	2.5-4.4	<u>2</u>	<u>0.23</u>
d.	4.5-6.4	<u>3</u>	<u>0.72</u>
e.	6.5-8.4	—	—
f.	8.5-	—	—



ROUTE NUMBER: MD 4

STARTING MILE POINT: 2.27

ENDING MILE POINT: 3.49

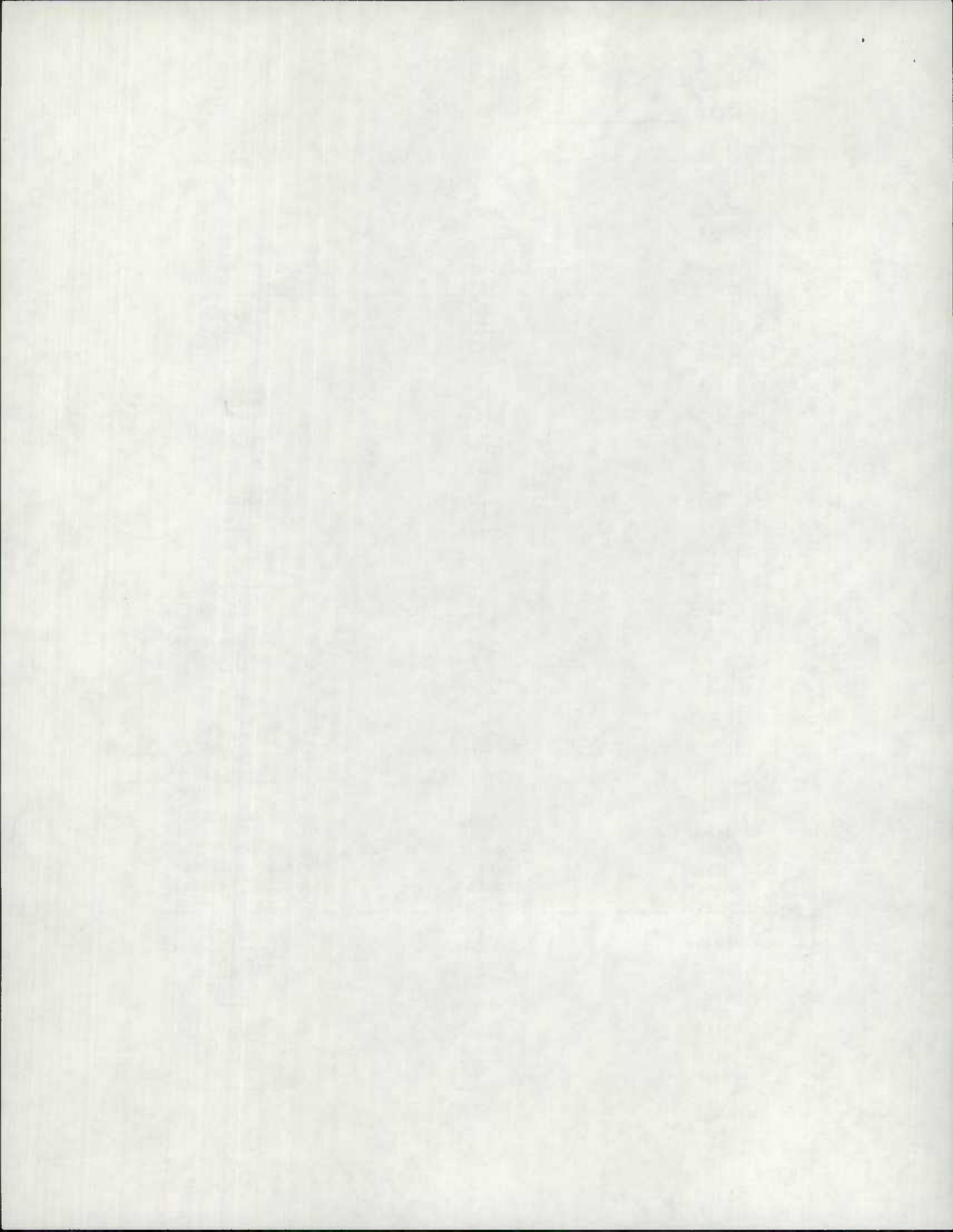
1.22

	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>5</u>	<u>0.73</u>
b.	0.5-1.4	—	—
c.	1.5-2.4	—	—
d.	2.5-3.4 →	<u>2.1</u>	<u>0.21 + 0.10 = 0.31</u>
e.	3.5-4.4 →	<u>1</u>	<u>0.08</u>
f.	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	—	—
k.	14.0-19.4	—	—
l.	19.5-27.9	—	—
m.	23+	—	—

GRADE:

pt(i) (0.0) pt(ii) (2.6, -0.3) pt(iii) (7.8, -0.3) pt(iv) (13.9, -1.3) pt(v) (27.5, -1.7)
 pt(vi) (38, -1.6) pt(vii) (43.8, -2.2) pt(viii) (51, -2.2) pt(ix) (57.7, -2.6) pt(x) (62.2, -2.5)
(64.9, -2.6)

	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>0.42</u>
b.	0.5-2.4	<u>5</u>	<u>0.68</u>
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: MD 4

STARTING MILE POINT: 3.49

ENDING MILE POINT: 3.87

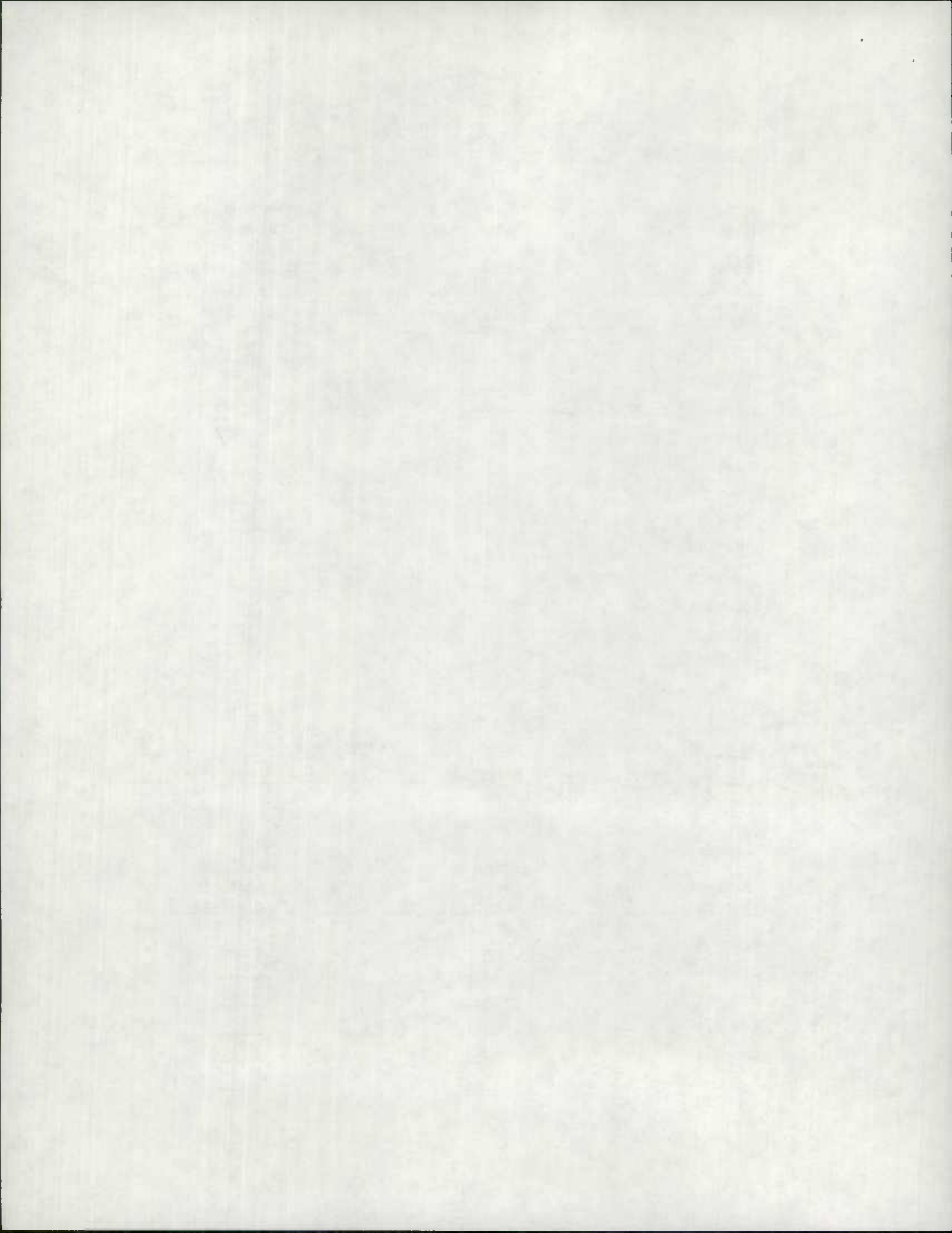
138

	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 \longrightarrow	<u>3</u>	<u>0.11</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4 \longleftarrow _____	_____	_____
e.	3.5-4.4 \longrightarrow	<u>1</u>	<u>0.27</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) (0.8, -0.2) pt (iii) (1.0, 0.3) pt (iv) (17.5, -0.4) pt (v) (20.1, -0.1)
 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>4</u>	<u>0.38</u>
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 4

STARTING MILE POINT: 3.87

ENDING MILE POINT: 4.83

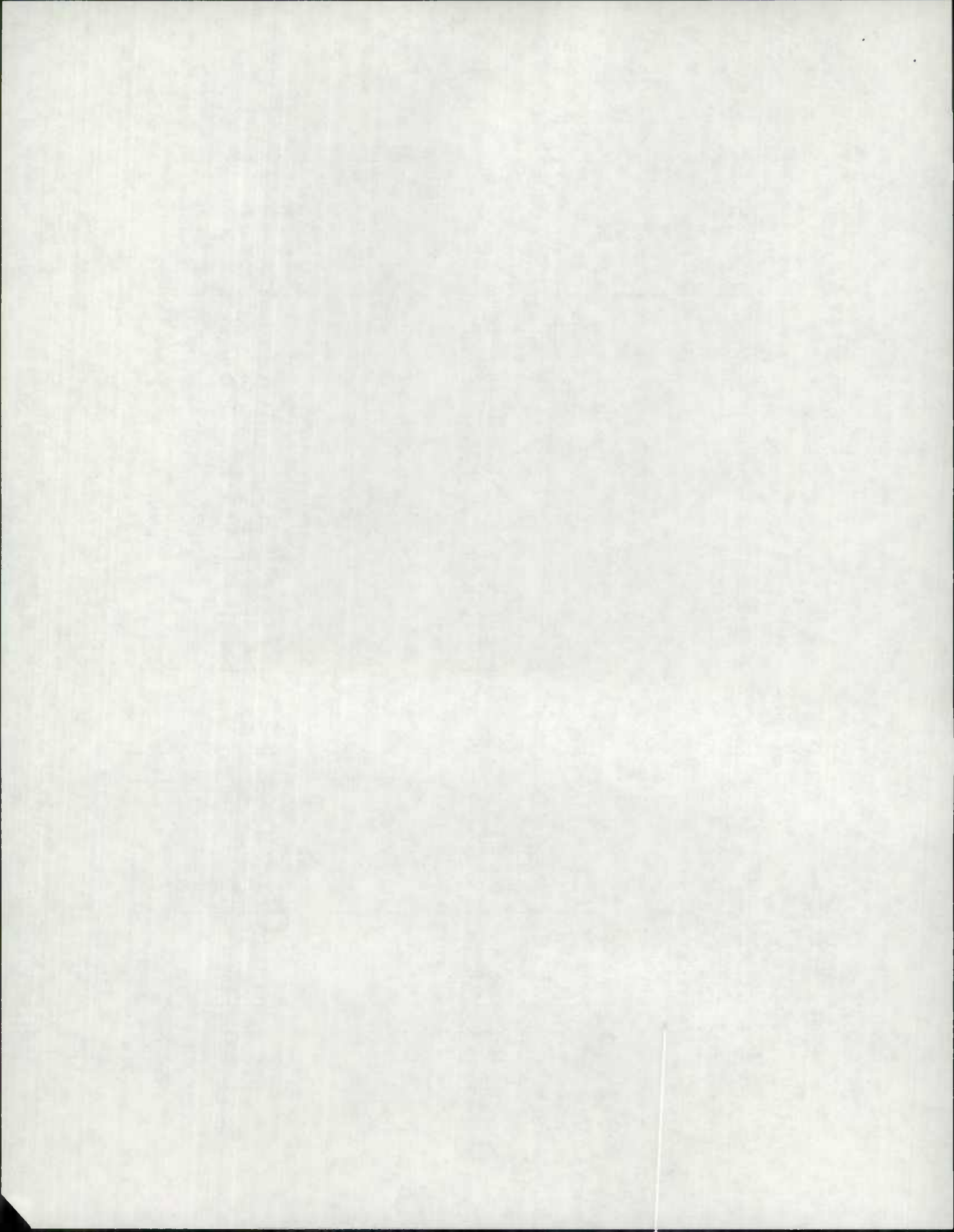
.96

	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>0.37</u>
b.	0.5-1.4	_____	_____
c.	1.5-2.4 →	<u>2</u>	<u>0.30</u>
d.	2.5-3.4 →	<u>1</u>	<u>0.29</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) (6.7, +0.3) pt(iii) (13.2, -0.9) pt(iv) (17.8, -0.3) pt(v) (33.1, -0.2)
 pt(vi) (41.0, -) pt(vii) (50.7, -1.2) 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>0.29</u>
b.	0.5-2.4	<u>3</u>	<u>0.40</u>
c.	2.5-4.4	<u>2</u>	<u>0.21</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 4

STARTING MILE POINT: 4.83

ENDING MILE POINT: 5.30

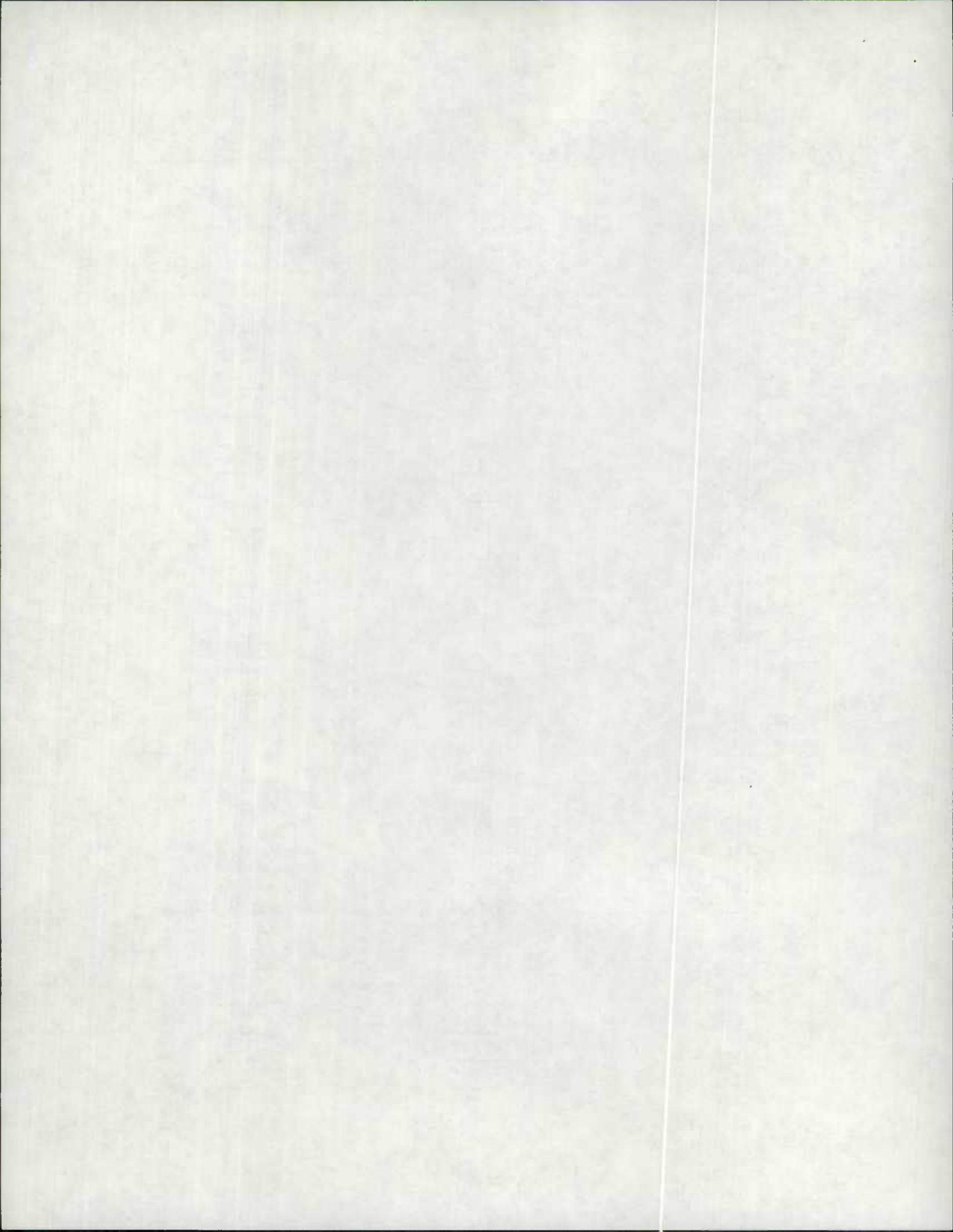
.47

	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>0.29</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 →	<u>1</u>	<u>0.18</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) (8.5,-0.1) pt(iii) (9.7,-1.0) pt(iv) (17.1,-0.3) pt(v) (24.8,-0.3)
 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>1</u>	<u>0.07</u>
c.	2.5-4.4	<u>2</u>	<u>0.25</u>
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 4

STARTING MILE POINT: 5.30

ENDING MILE POINT: 5.36

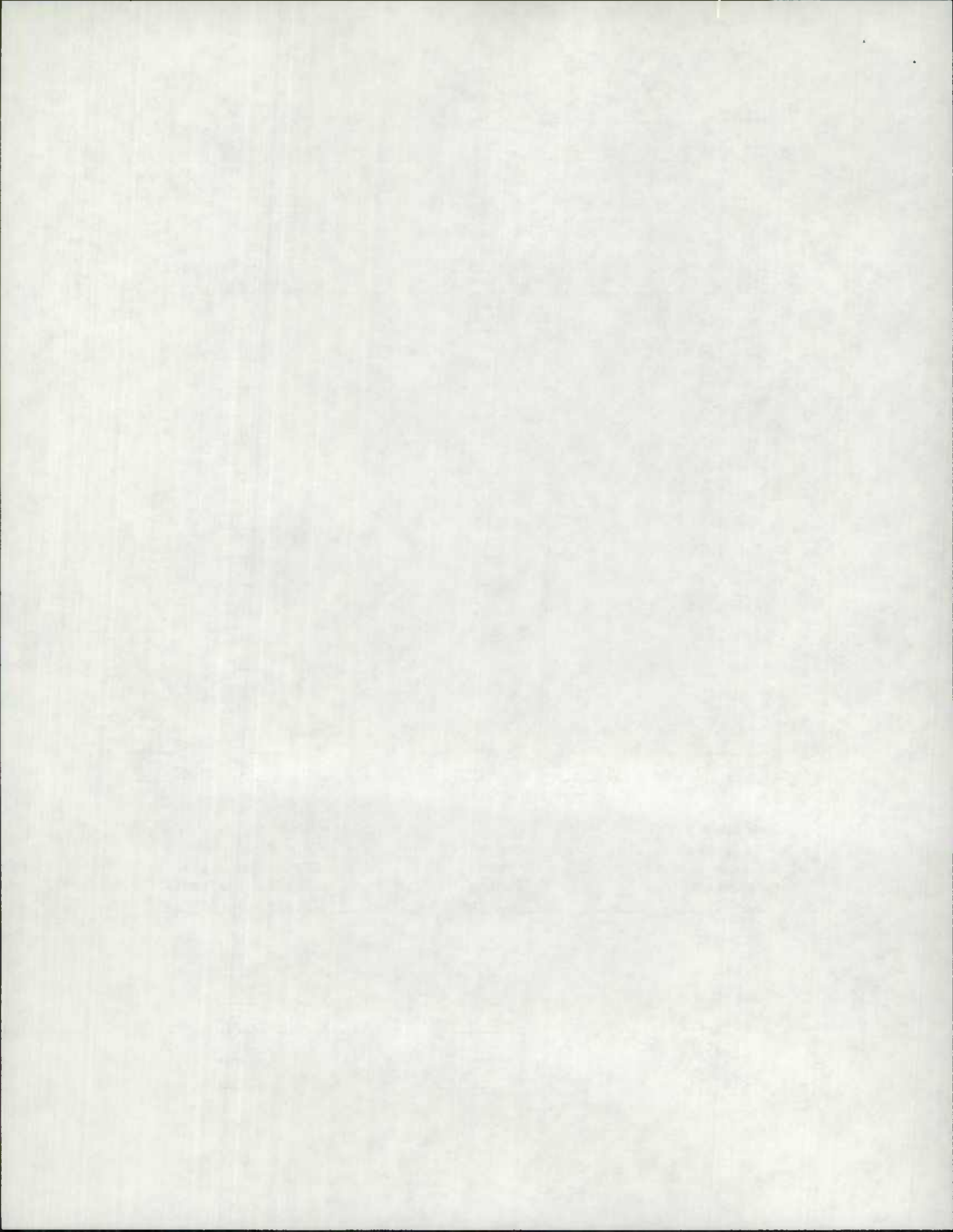
.06

	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) (2.8) pt (iii) (22.0) 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	<u>1</u>	<u>0.05</u>
b.	0.5-2.4	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	<u>1</u>	<u>0.01</u>
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



ROUTE NUMBER: MD 4

STARTING MILE POINT: 5.36

ENDING MILE POINT: 5.43

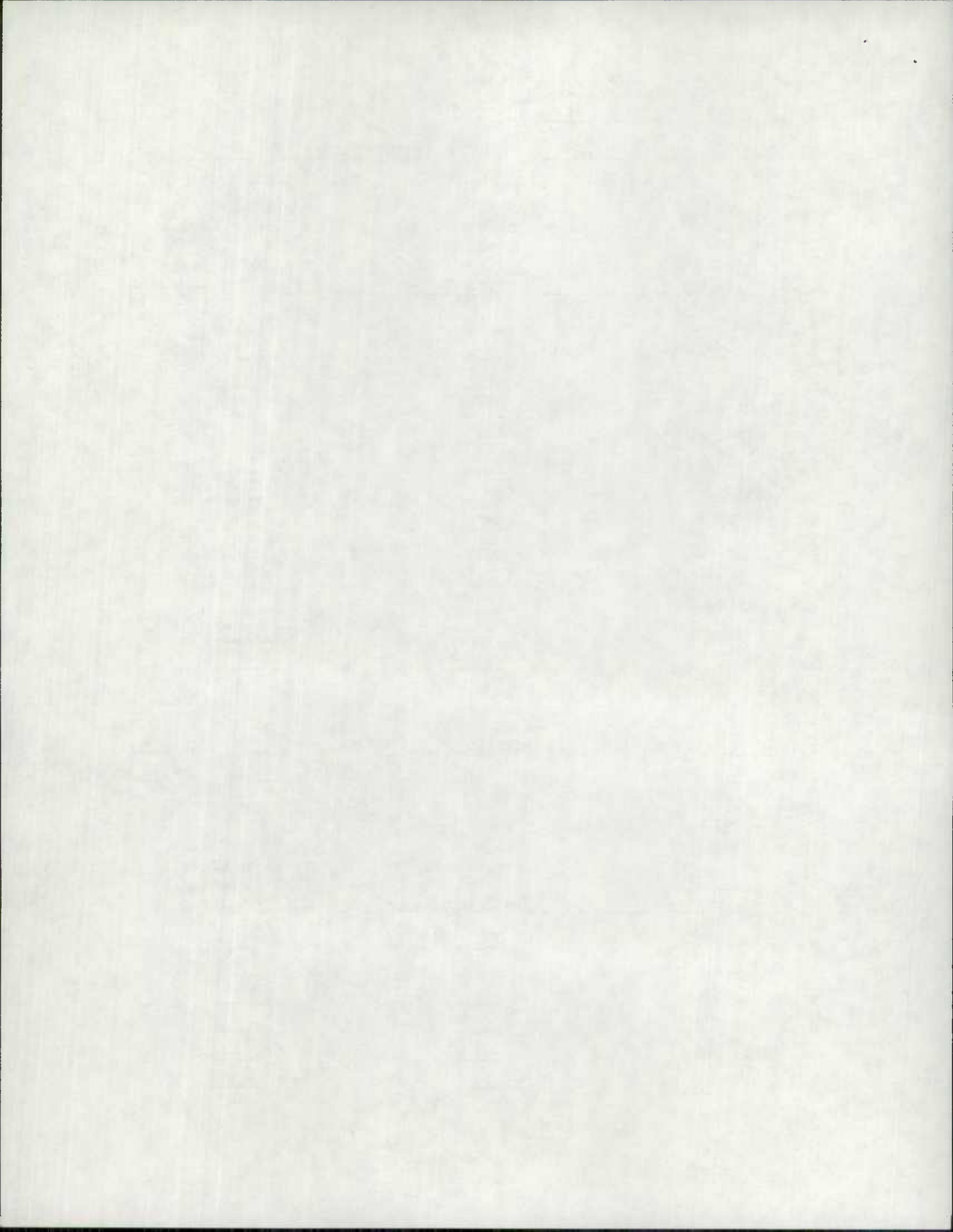
.07

	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) (2.4, 0.1) pt (iii) (3.7, 0.1) pt (iv) _____ pt (v) _____
pt (vi) _____ pt (vii) _____ pt (viii) _____ pt (ix) _____ pt (x) _____

	Grade Classes by Gradient (Percent)	Number of Grades (Right- Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	<u>1</u>	<u>0.02</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: MD 4

STARTING MILE POINT: 5.43

ENDING MILE POINT: 5.99

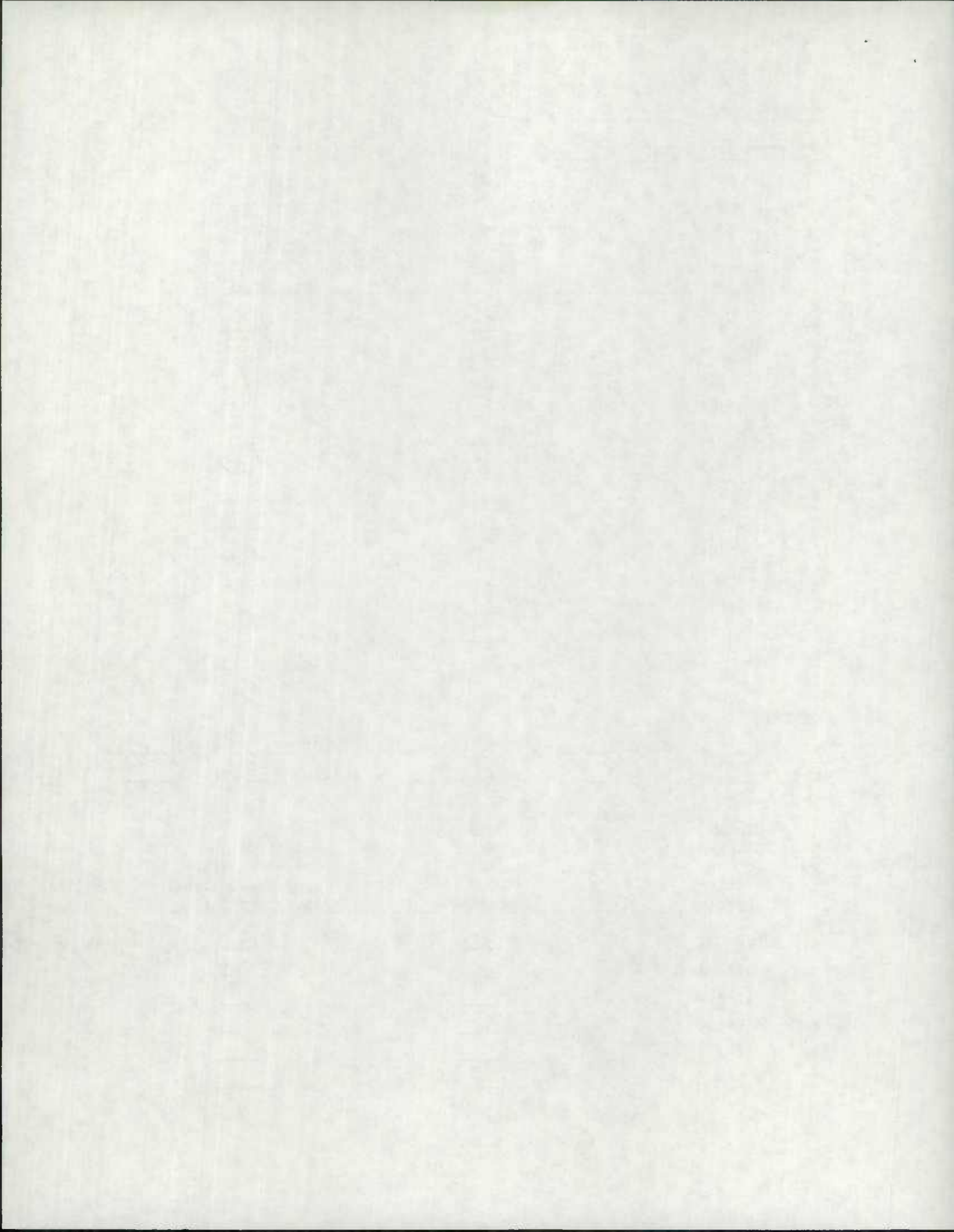
.56

	Curve Classes by Degree of Curvature		Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	→	<u>2</u>	<u>0.34</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>0.22</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) (1.8,0) pt (iii) (7,-0.6) pt (iv) (10.7,-1.3) pt (v) (15.7,-0.9)
 pt (vi) (20.5,-0.3) pt (vii) (26,-0.3) pt (viii) (28.3,-0.4) pt (ix) (29.6,-0.3) 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>6</u>	<u>0.46</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: MD 4

STARTING MILE POINT: 5.99

ENDING MILE POINT: 6.05

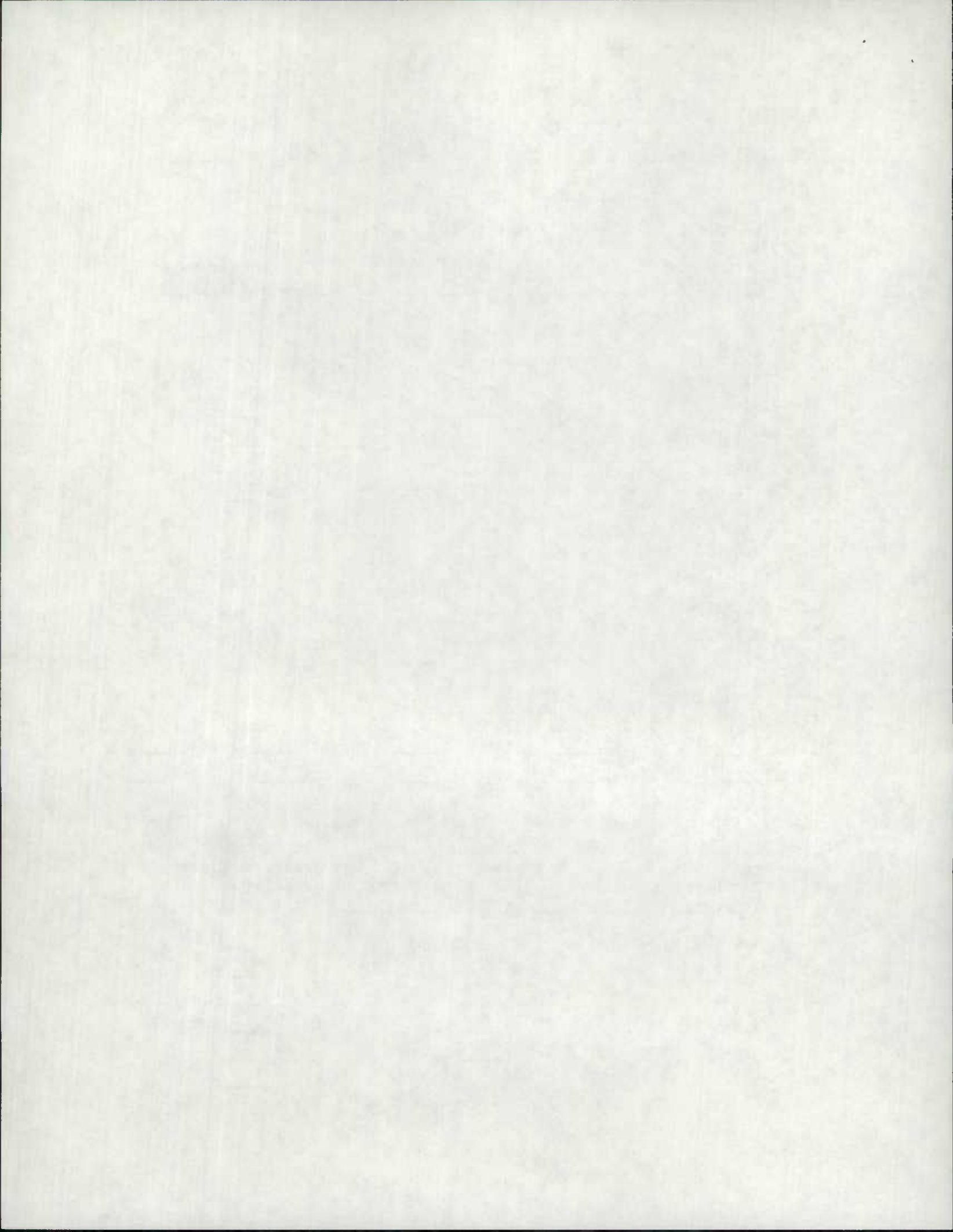
.06

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	_____ \rightarrow	<u>0.06</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) (3.2,0.2) pt(iii) _____ pt(iv) _____ pt(v) _____
pt(vi) _____ pt(vii) _____ pt(viii) _____ pt(ix) _____ pt(x) _____

Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a. 0.0-0.4	_____	_____
b. 0.5-2.4	_____	<u>0.06</u>
c. 2.5-4.4	_____	_____
d. 4.5-6.4	_____	_____
e. 6.5-8.4	_____	_____
f. 8.5-	_____	_____



ROUTE NUMBER: MD 4

STARTING MILE POINT: 6.05

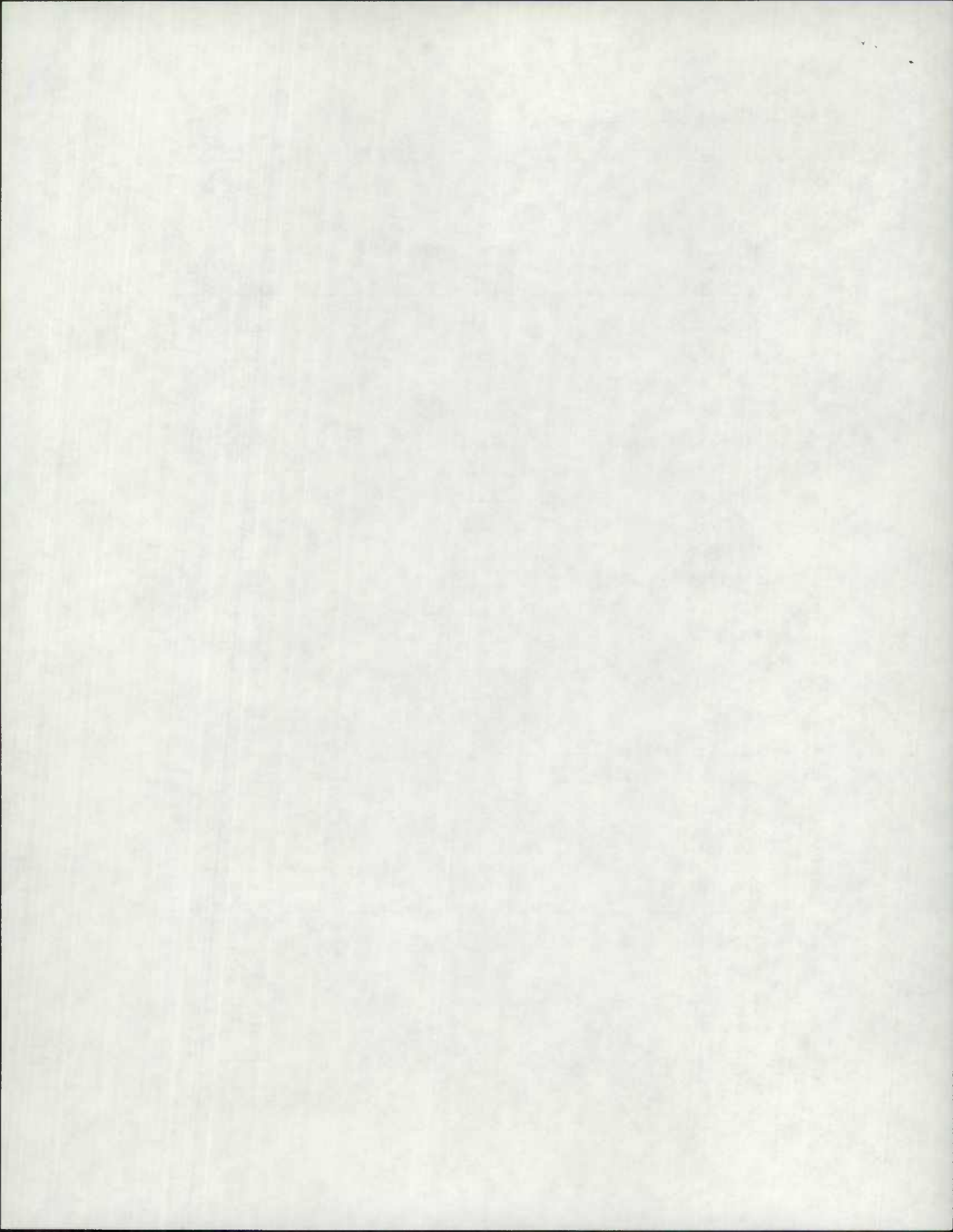
ENDING MILE POINT: 6.10

	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>2.05</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) (0.9, 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-	_____	_____



CD	PREFIX	ROUTE	SUFFIX	BEGIN	SECTION LENGTH	END
SAINT MARYS COUNTY						
18	MD	4	000	00.00	00.02	00.02 ✓
18	MD	4	000	00.02	00.48	00.50 ✓
18	MD	4	000	00.50	01.77	02.27 ✓
18	MD	4	000	02.27	01.22	03.49 ✓
18	MD	4	000	03.49	00.38	03.87 ✓
18	MD	4	000	03.87	00.96	04.83 ✓
18	MD	4	000	04.83	00.47	05.30 ✓
18	MD	4	000	05.30	00.06	05.36 ✓
18	MD	4	000	05.36	00.07	05.43 ✓
18	MD	4	000	05.43	00.56	05.99 ✓
18	MD	4	000	05.99	00.06	06.05 ✓
18	MD	4	000	06.05	00.05	06.10 ✓
18	MD	5	000	40.02	00.44	40.46 ✓
18	MD	5	000	44.55	00.89	45.44 ✓
18	MD	234	000	00.00	01.33	01.33 ✓
18	MD	234	000	08.51	00.65	09.16 ✓
18	MD	235	000	00.00	00.48	00.48 ✓
18	MD	235	000	00.48	02.26	02.74 ✓
18	MD	235	000	10.48	01.33	11.81 ✓
18	MD	235	000	12.15	00.60	12.75 ✓
18	MD	235	000	15.19	00.20	15.39 ✓
18	MD	246	000	01.89	00.04	01.93 ✓
18	MD	246	000	01.93	00.06	01.99 ✓
18	MD	246	000	01.99	00.34	02.33 ✓

TOTAL NUMBER OF RECORDS: 24

