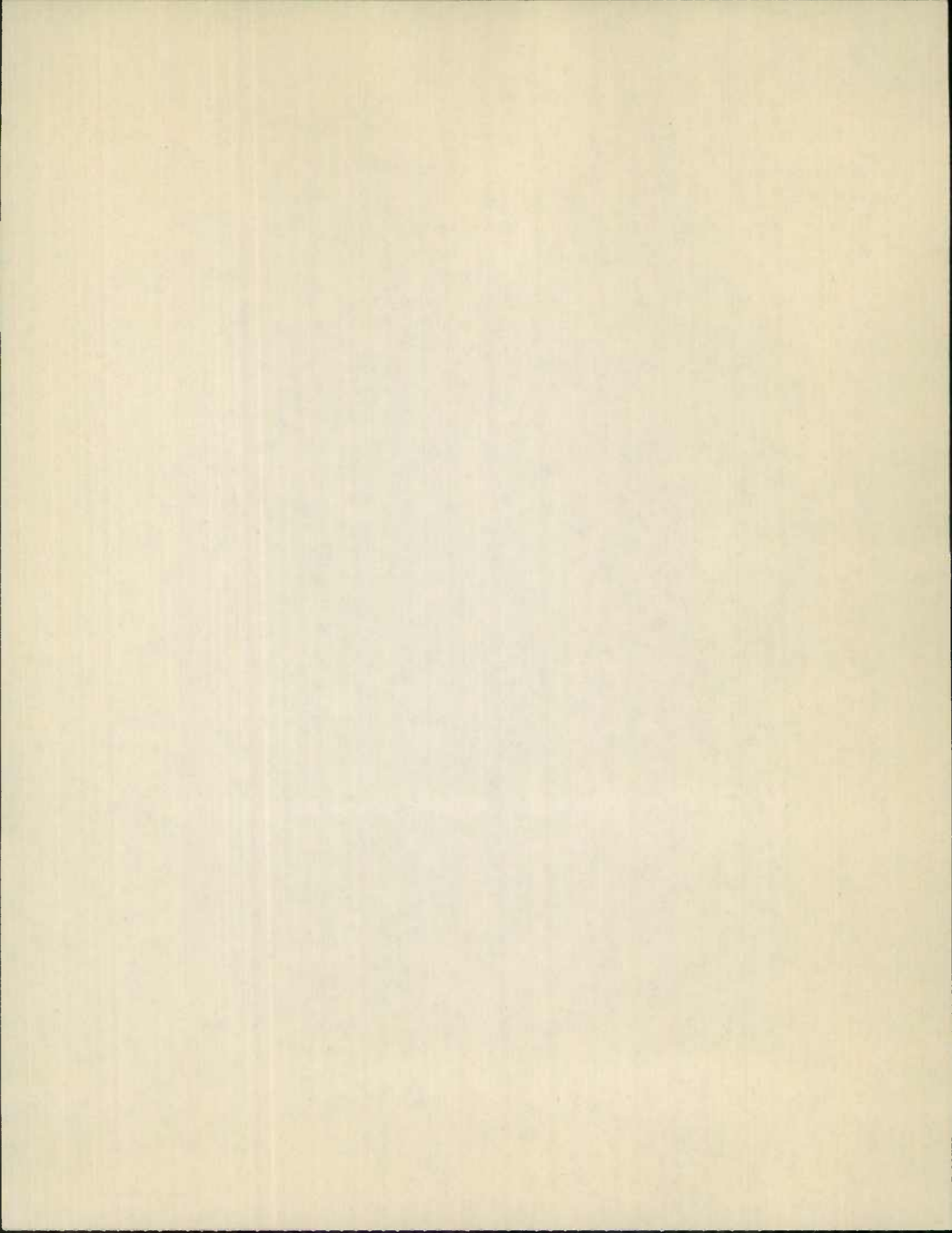


CARROLL CO

09/23/92 STATE HIGHWAY HPMS SAMPLES
THAT REQUIRE CURVE DATA

PAGE 5

CO	ROUTE	BEGIN	SECT LENTH	END	MAP	COORD
1	6 IS 70	00.39	00.08	00.47	G-10	754 - 555
2	6 IS 70	00.47	00.05	00.52	↓	- - -
3	6 IS 70	00.52	00.38	00.90	↓	- - -
4	6 IS 70	00.90	00.43	01.33	↓	- - -
5	6 IS 70	01.33	00.07	01.40	↓	- - -
6	6 MD 140	08.81	00.12	08.93	B-11	804 - 633
7	6 MD 140	08.93	00.41	09.34	- - -	- - -



✓ 12/4

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

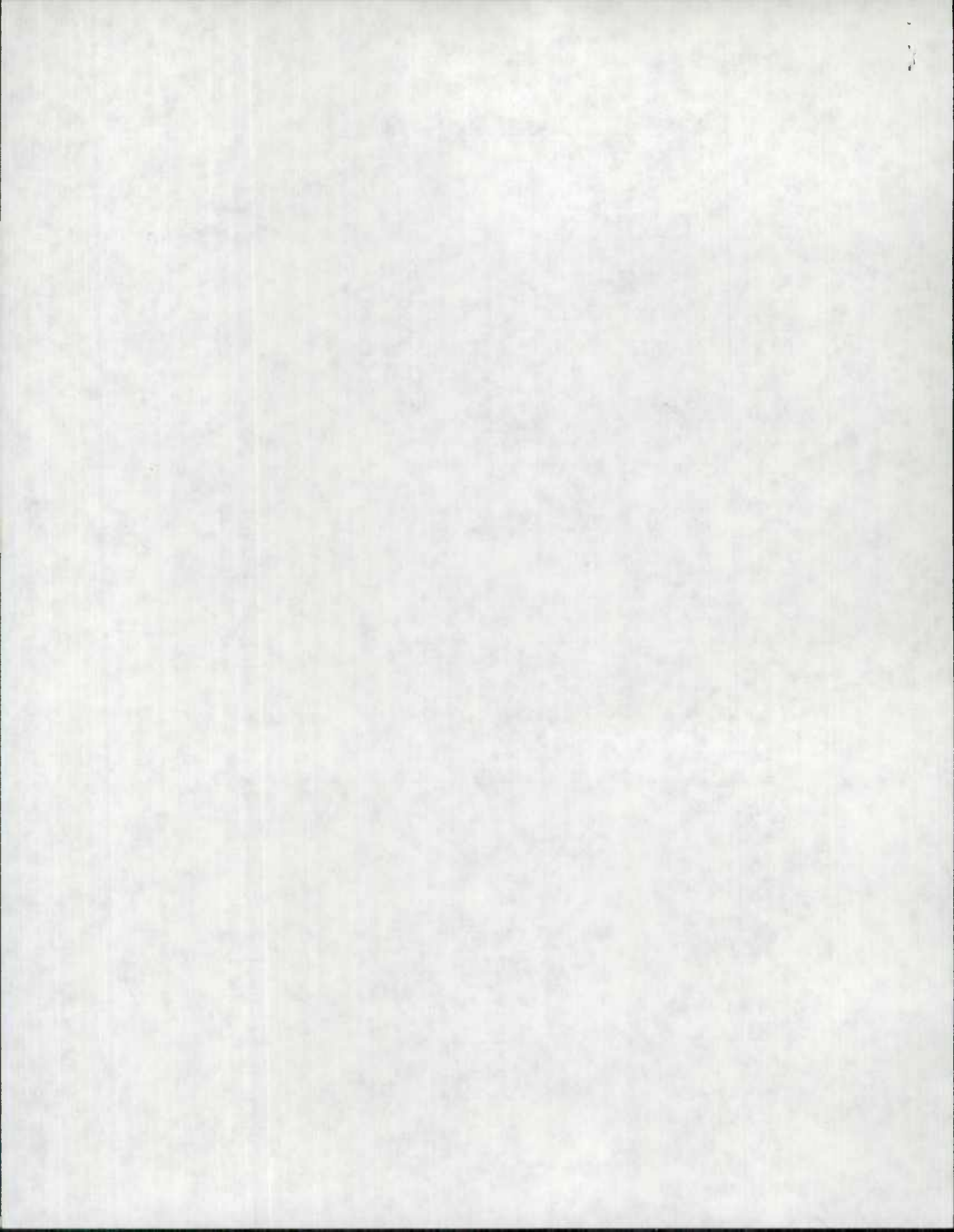
Route No: I-70
 Sample No: 1
 County: 6

Starting Mile Pt: .39
 Ending Mile Pt: .47
(.08)

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>420</u>	<u>100</u>	<u>0</u>	
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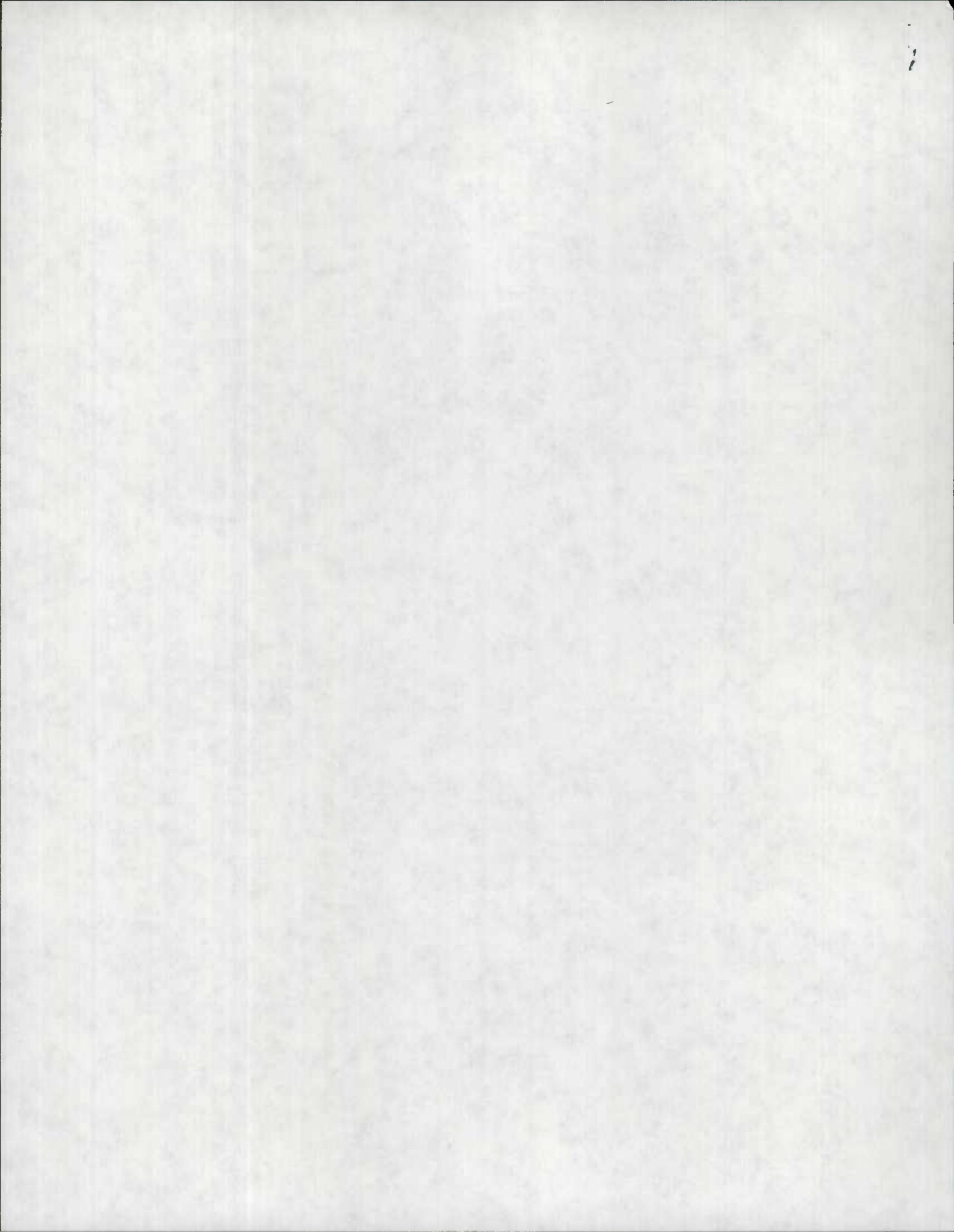
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	-----	-----
b.	0.5-1.4	-----	-----
c.	1.5-2.4	-----	-----
d.	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+	-----	-----



Vertical Curve Section

<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Gradient Percent</u>	<u>Length of Curve</u> <u>(in x.xx miles)</u>
0	420	-1.1 %	
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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	_____	_____
b.	0.5-2.4	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____



✓ 12/4

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

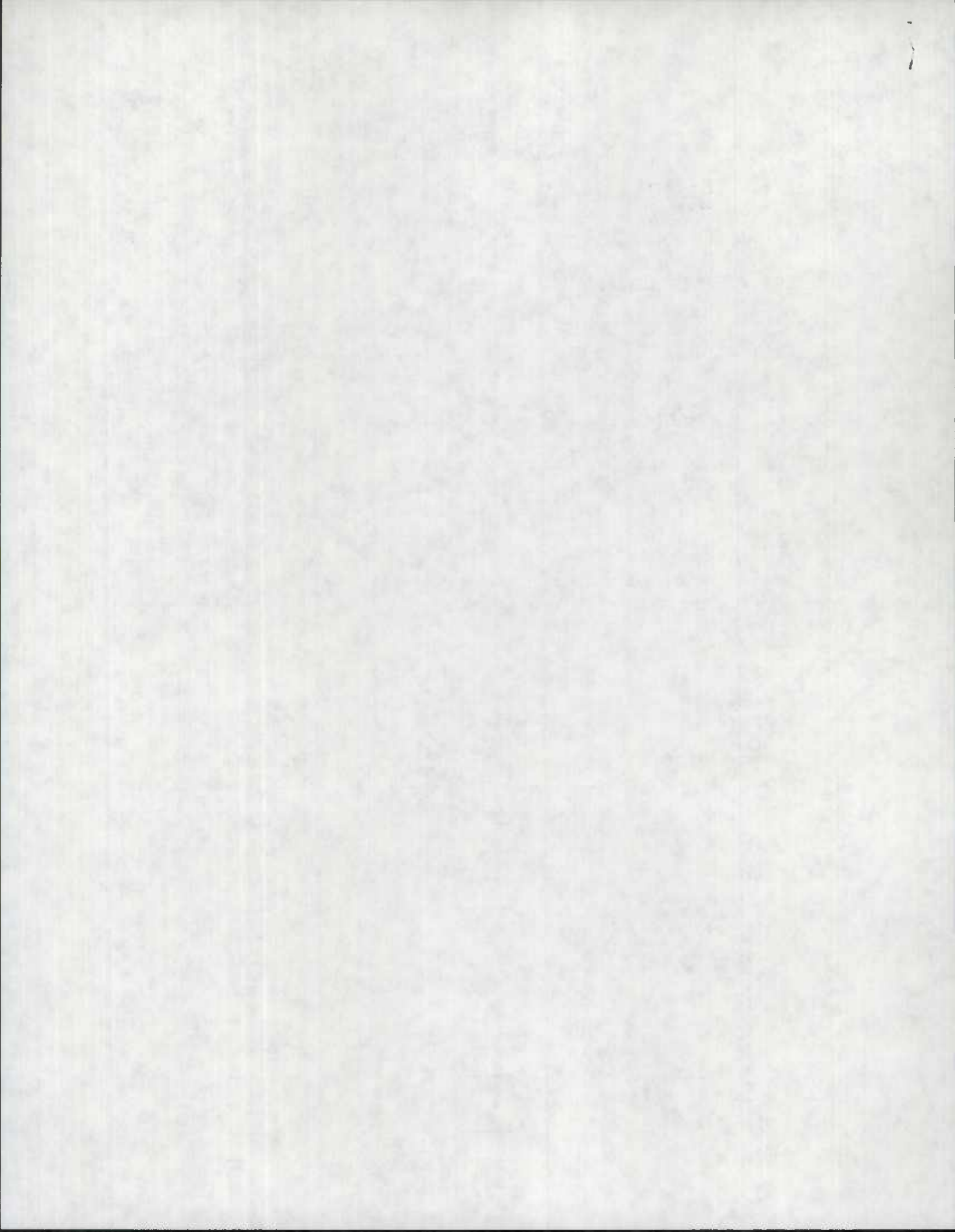
Route No: I-70
 Sample No: 2
 County: 6

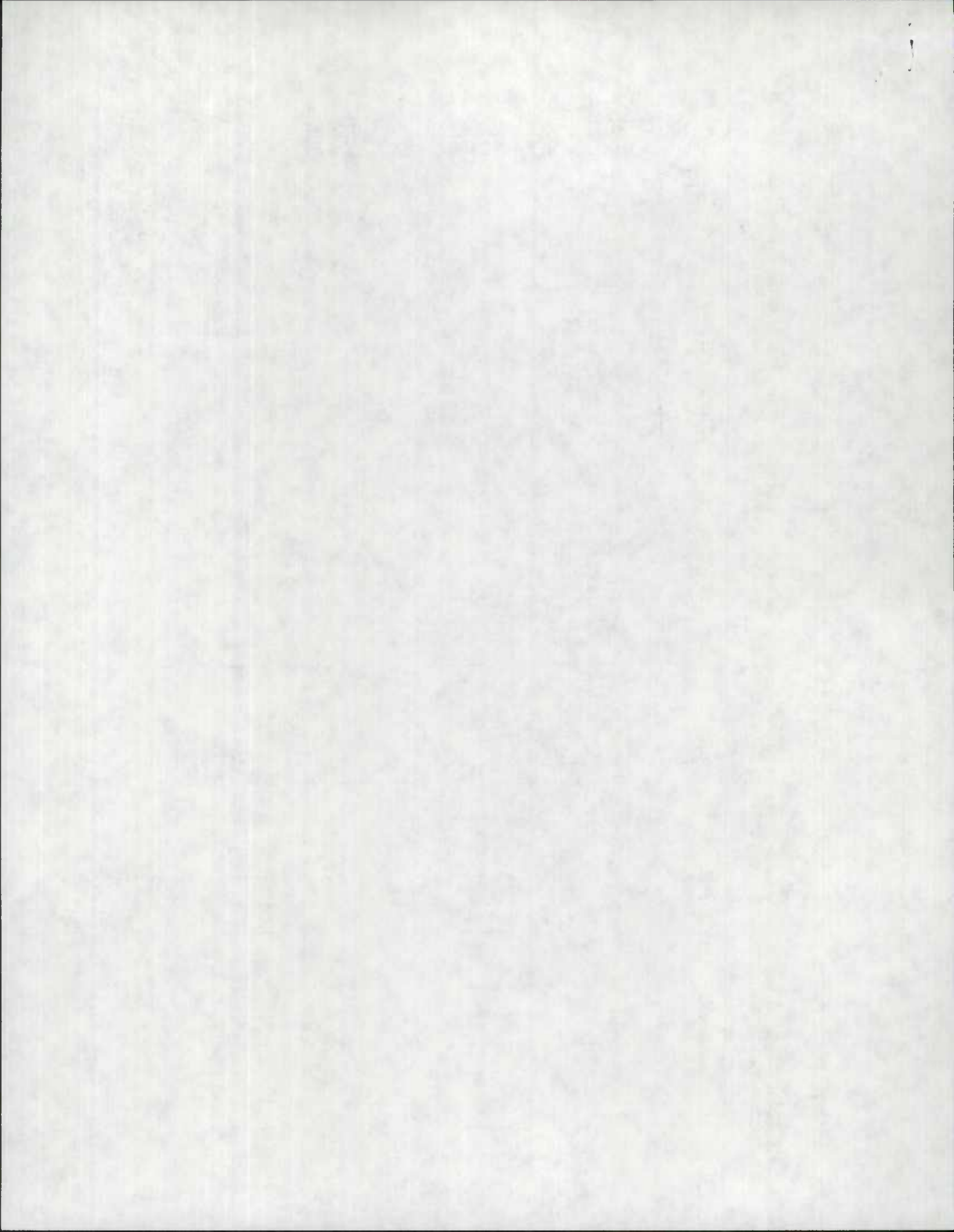
Starting Mile Pt: .47
 Ending Mile Pt: .52
(.05)

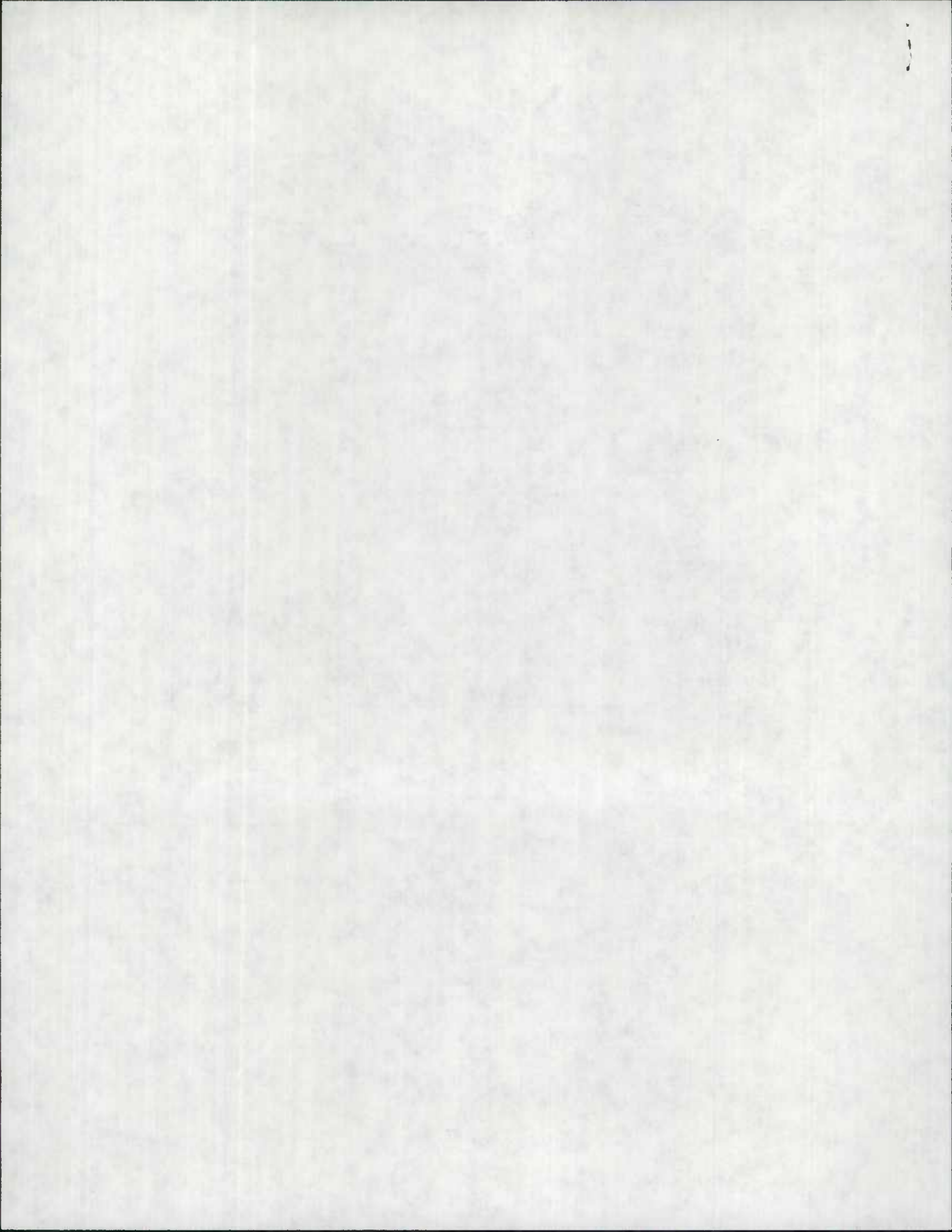
Horizontal Curve Section

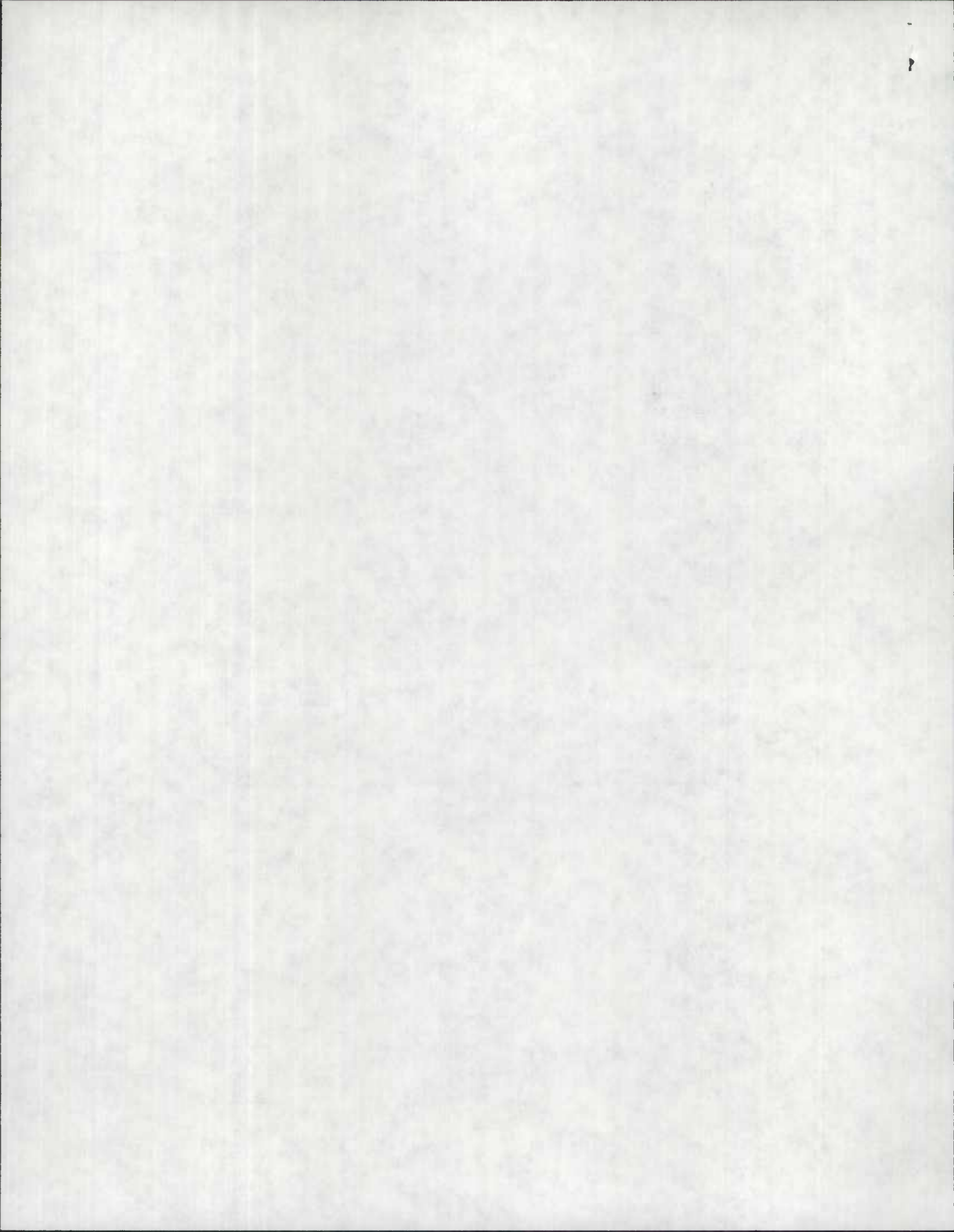
<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord1. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>264</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
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<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</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>-----</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>-----</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>





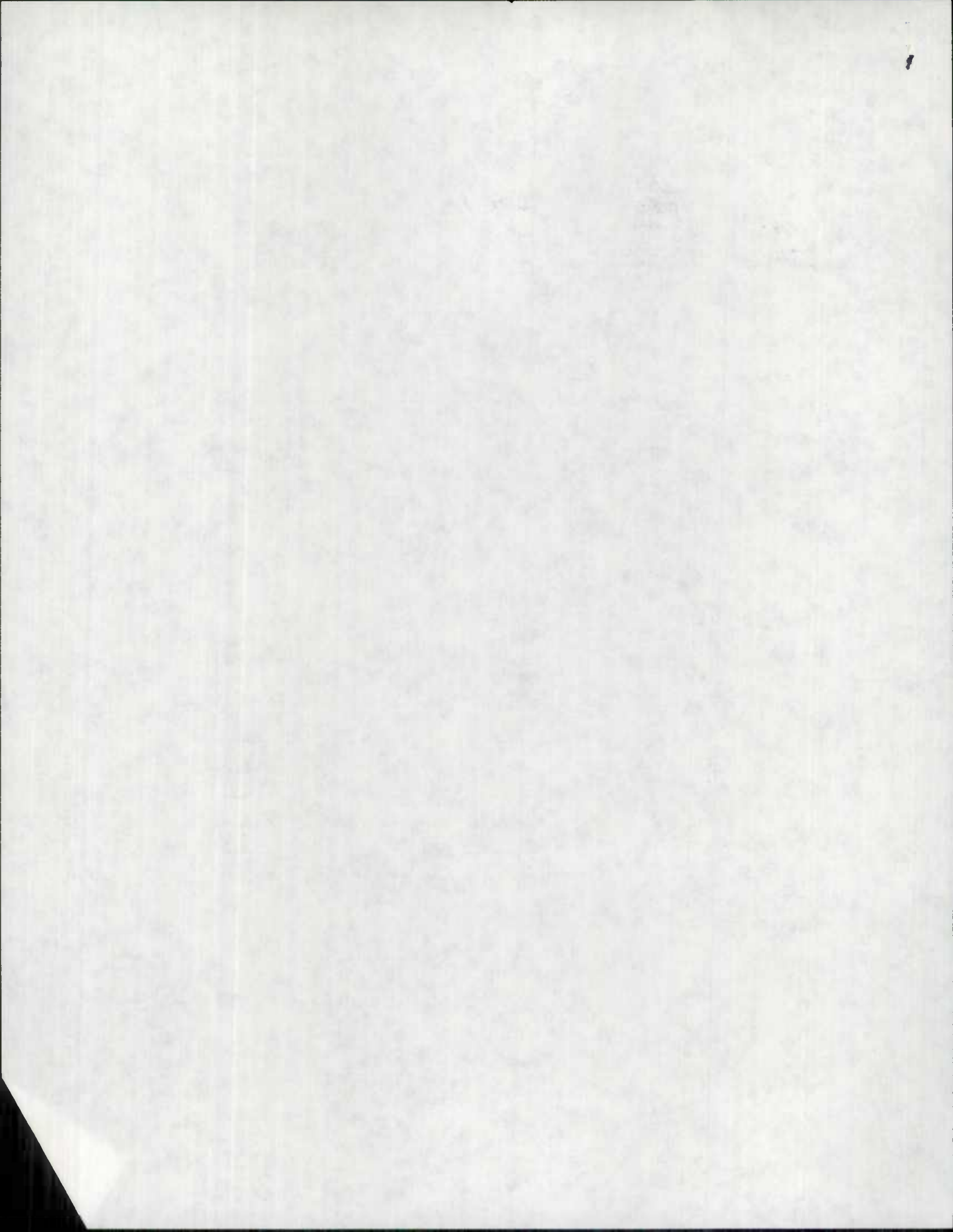




Vertical Curve Section

<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)
2071	2071	- 3.9%	-----
2071	2071	0%	-----
2071	2270	-----	-----
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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	-----	-----
b.	0.5-2.4	-----	-----
c.	2.5-4.4	-----	-----
d.	4.5-6.4	-----	-----
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----



J-24

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

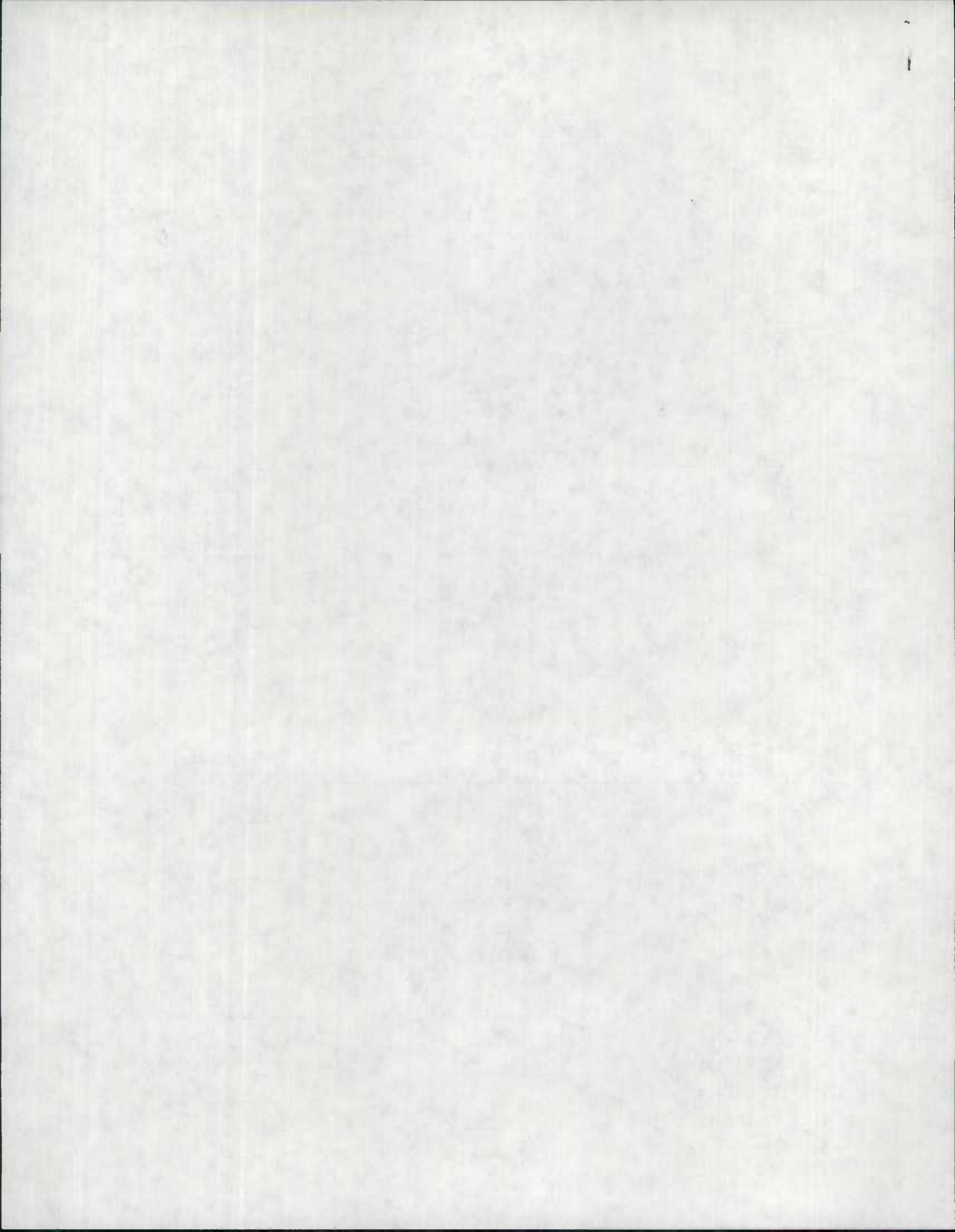
Route No: I-70
 Sample No: 5
 County: 6

Starting Mile Pt: 1.33
 Ending Mile Pt: 1.40
 (0.07)

Horizontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ord. Length (/100ft)	Length of Total Curve in(x.xxmile)
<u>0</u>	<u>370</u>	<u>100</u>	<u>0</u>	-----
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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+	-----	-----



✓ 12/4

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

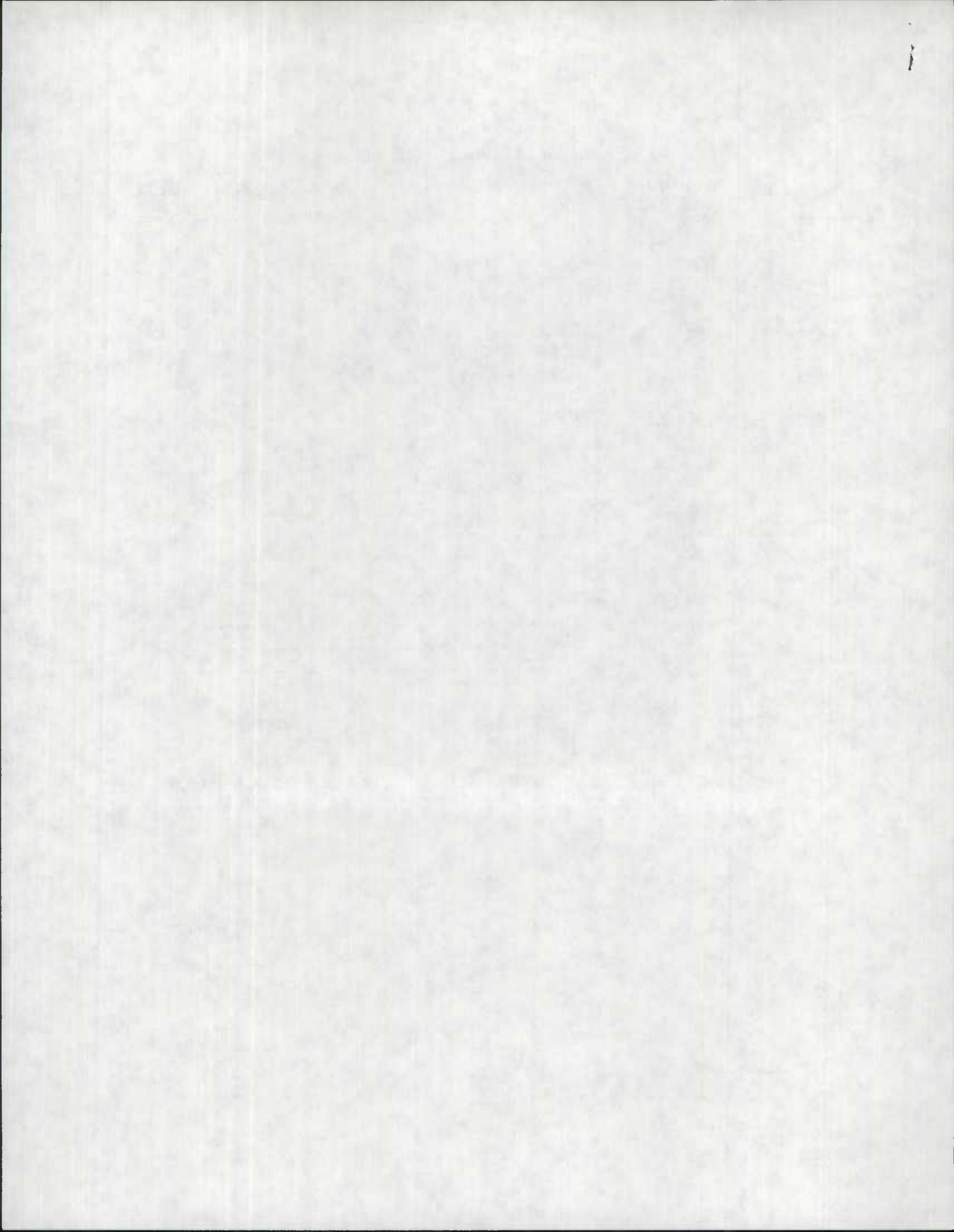
Route No: MD 140
Sample No: 6
County: 6

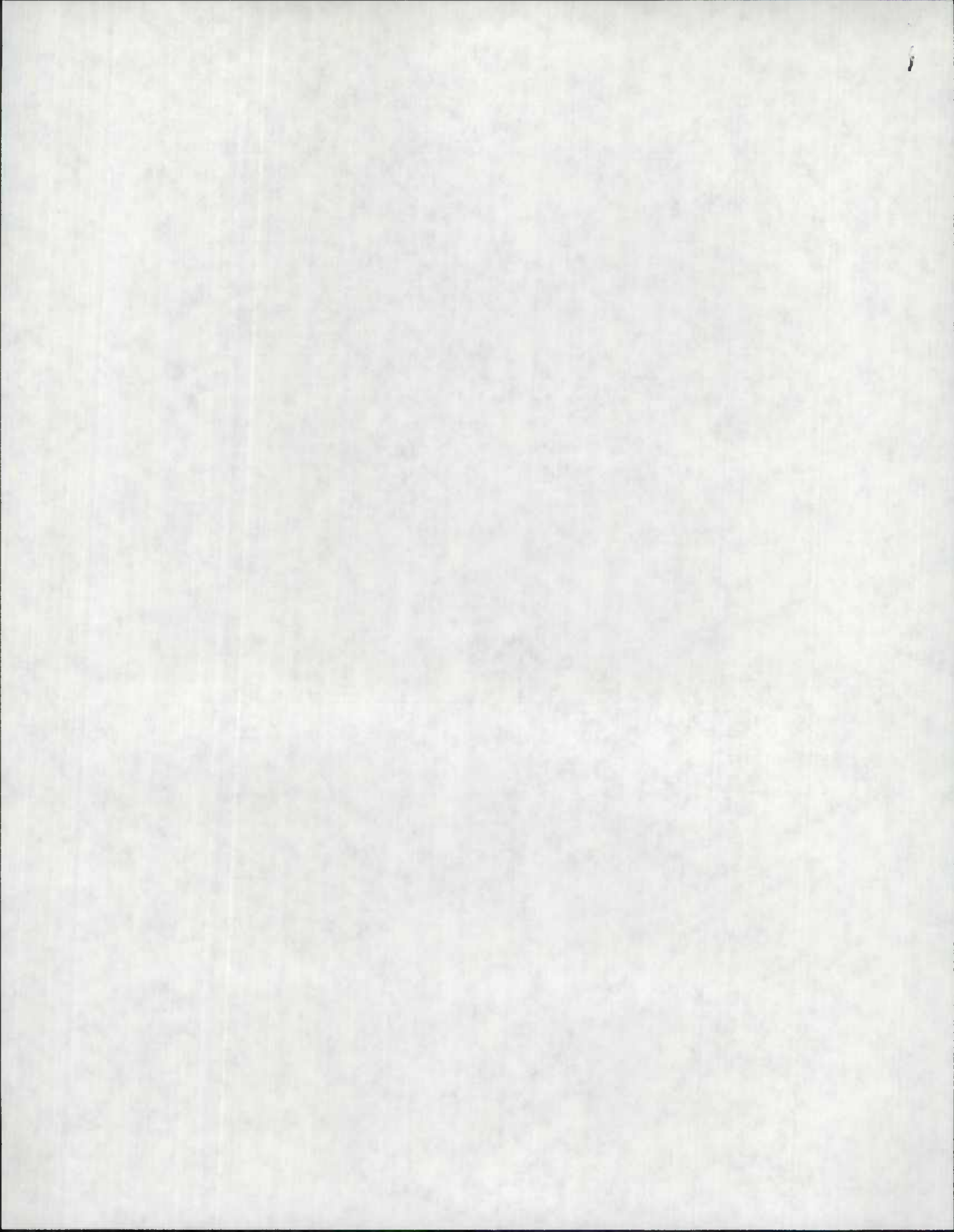
Starting Mile Pt: 8.81
Ending Mile Pt: 8.93
(.12)

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>634</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	_____	_____
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+	_____	_____





V_{12/4}

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

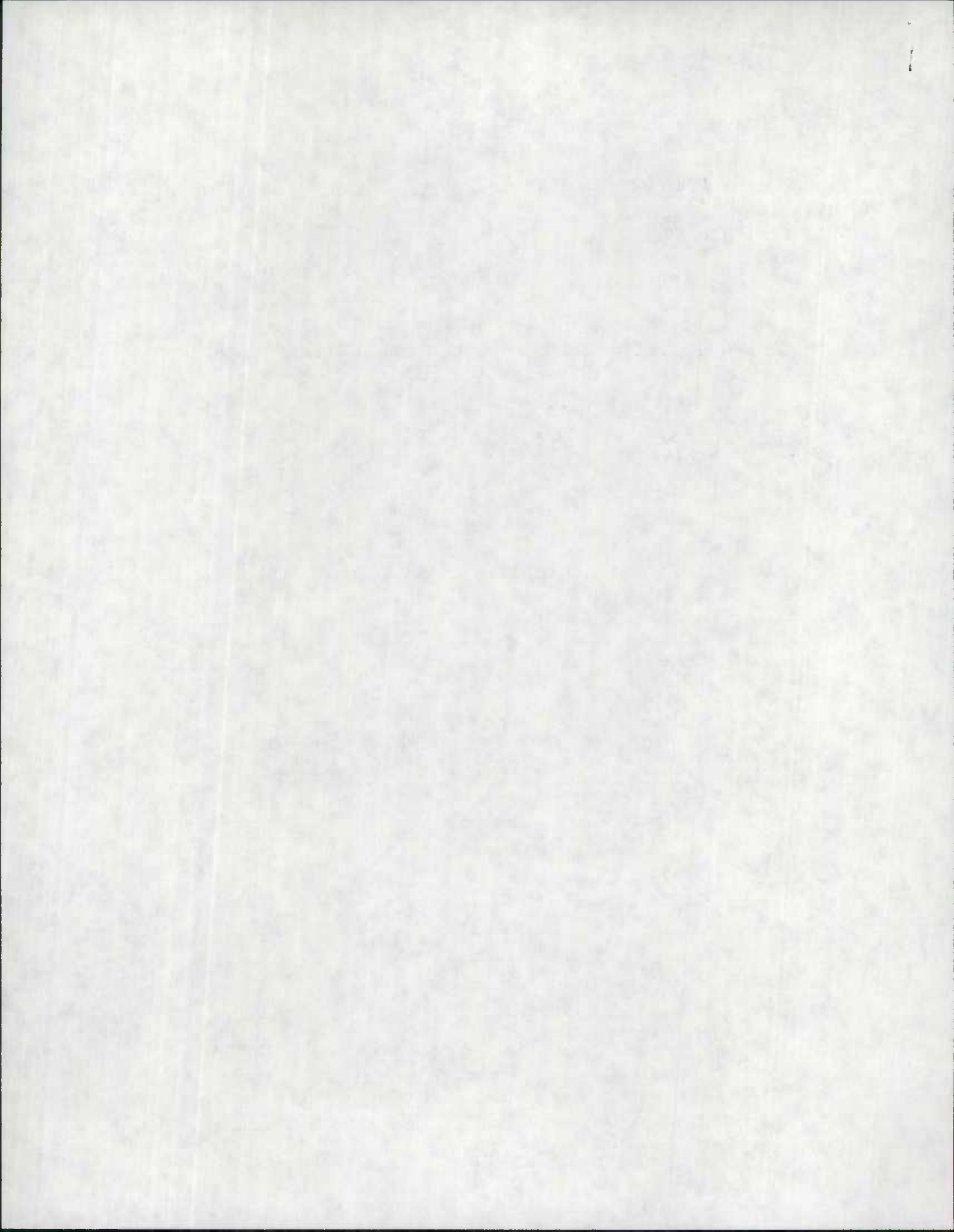
Route No: MD 140
 Sample No: 7
 County: 6

Starting Mile Pt: 8.93
 Ending Mile Pt: 9.34
 (.41)

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>1214</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>1214</u>	<u>1938</u>	<u>99.9</u>	<u>-----</u>	<u>-----</u>
<u>1938</u>	<u>2165</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
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<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>

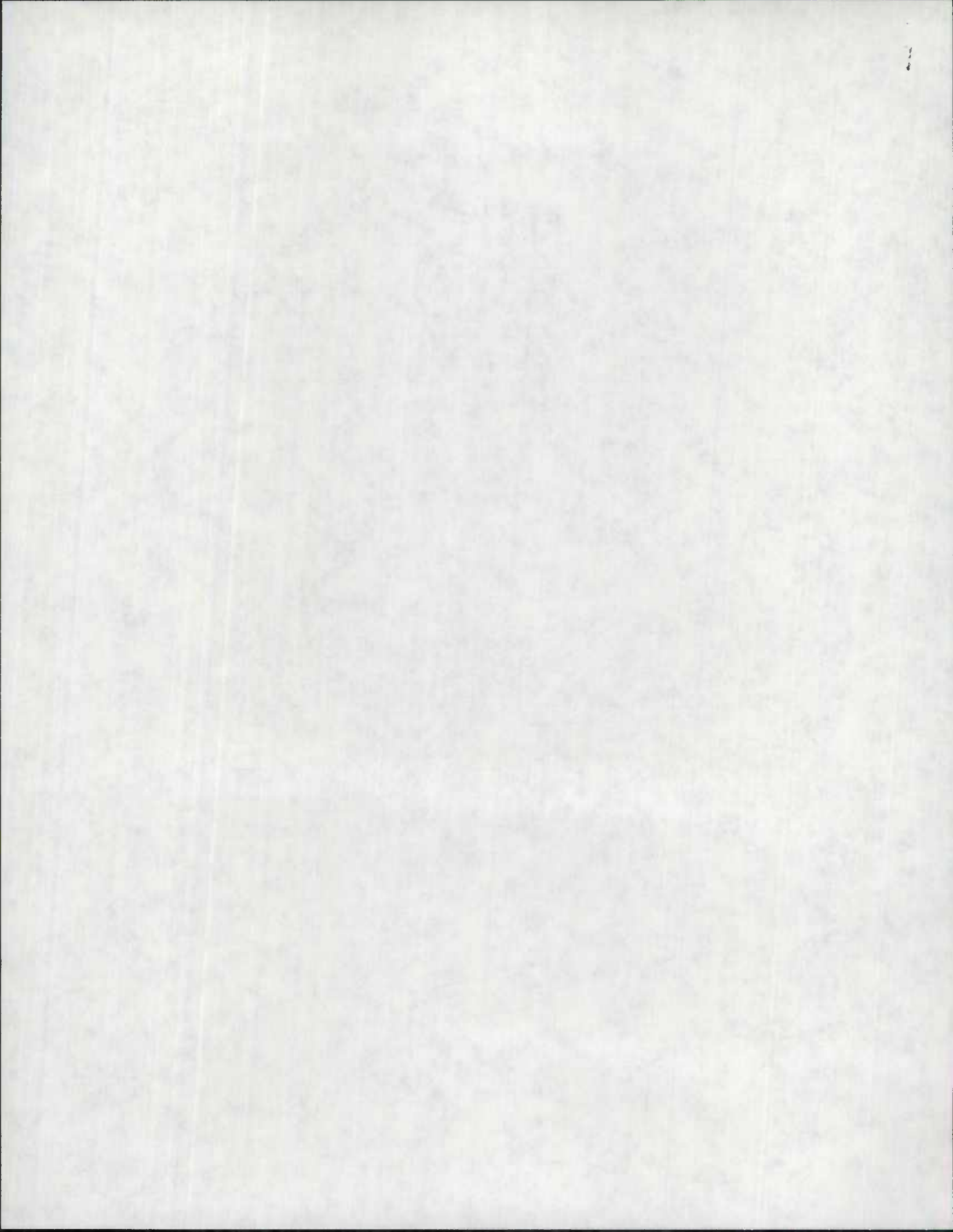
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	<u>-----</u>	<u>-----</u>
b.	0.5-1.4	<u>-----</u>	<u>-----</u>
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>-----</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>

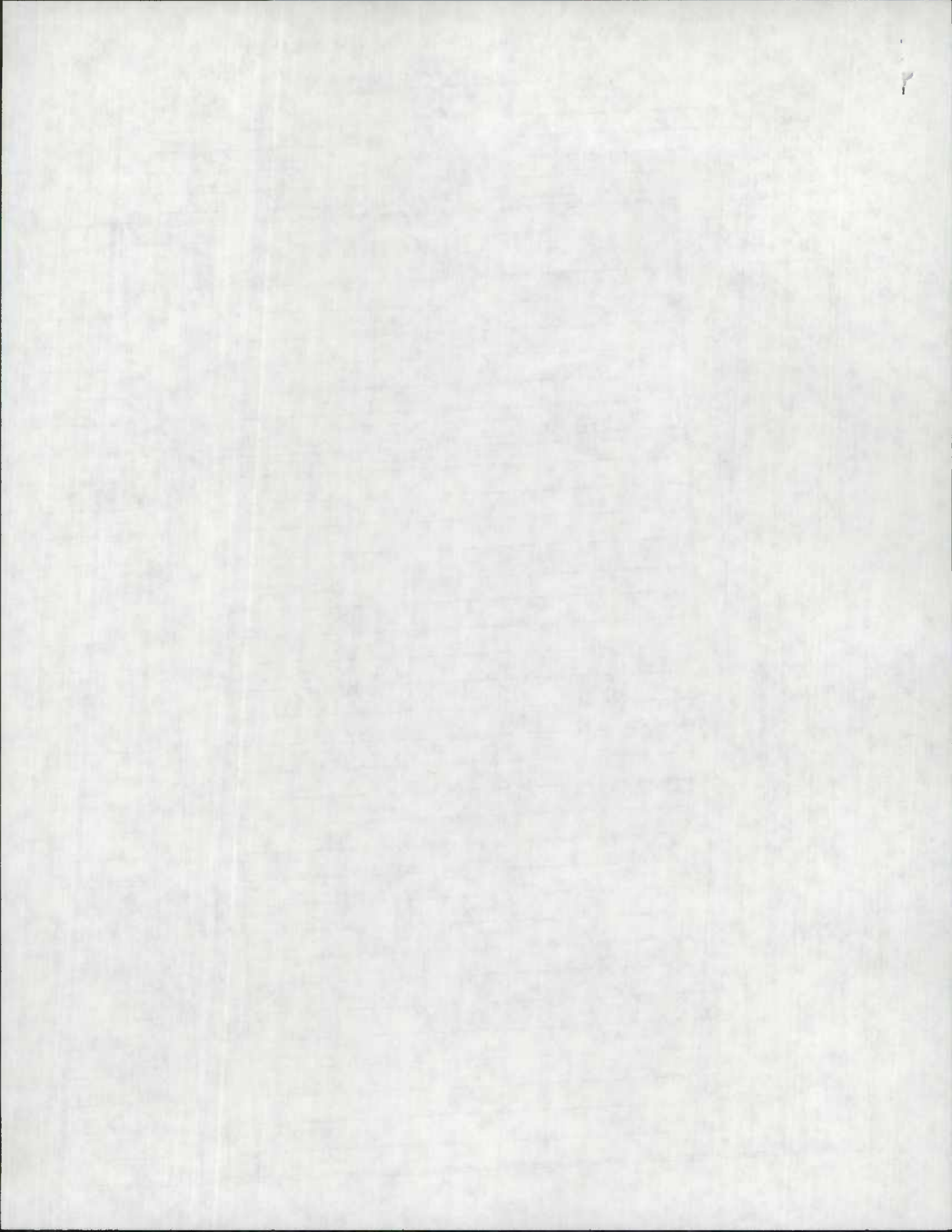


Vertical Curve Section

<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	1226	- 2.1 %	
1226	2165	,4 %	
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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	_____	_____
b.	0.5-2.4	_____	_____
c.	2.5-4.4	_____	_____
d.	4.5-6.4	_____	_____
e.	6.5-8.4	_____	_____
f.	8.5-	_____	_____





PARKING RESTRICTIONS: A.M. PEAK, P.M. PEAK, A.M./P.M. PEAK, NO PARKING ANYTIME=N.P., COMM/IND. ACCESS=E

TRAFFIC CONTROLS: STOP SIGN=S57
TRAFFIC LIGHT=T.L., FLASHING RED BALL=F.R.

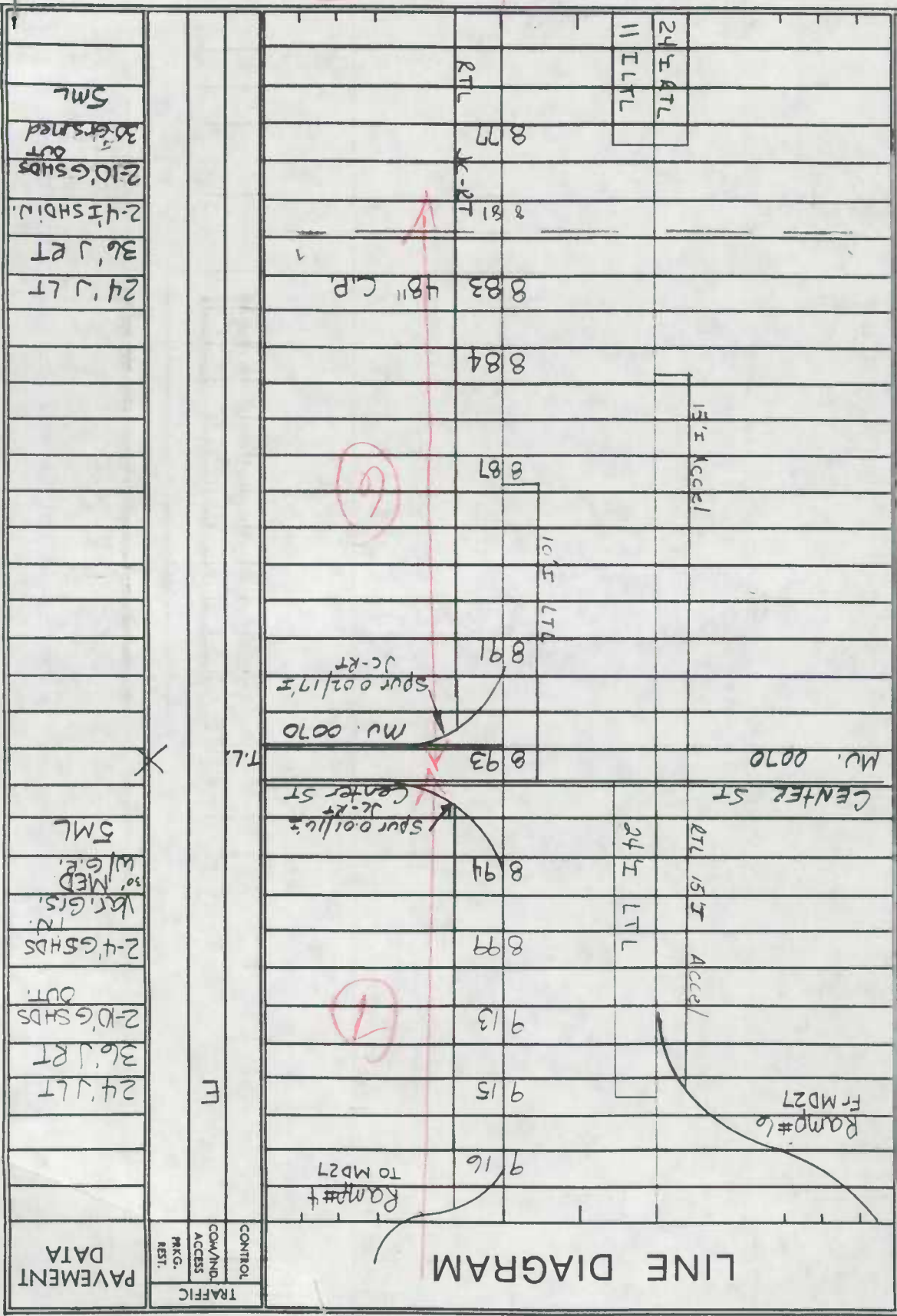
FAR 236
URBAN Other Principal Arterial
State Primary
20140 0000481

TRAFFIC CODES
M M M M

SYSTEM
FED. AID.
FUNCT CLASS
HWY. SYS.
HMS SAMPLE
PRG. REST.
COM/IND. ACCESS

Party Chief: JS BB
Recorder: JS BB
Assistant: _____
Map No./Dir.: _____
State Coordinates: _____

LINE DIAGRAM



ROAD INVENTORY SHEET

Road No. MD 140
Road Name Carroll
County Carroll
Date 4-23-92
Sheet No. 17 OF 36

PAVEMENT DATA
CONTROL
COM/IND. ACCESS
PRG. REST.

24' LTL
36' J RT
2-10' GSHDS
2-4' GSHDS
W.R.G.S.
10' MED
W/G.P.
SML

24' LTL
36' J RT
2-4' GSHDS
2-10' GSHDS
30' STRIPED
SML

(6+7)

RALPH ST 8.73 CARROLL RD

