

DATE : 05/13/92

HPMS SAMPLE SECTIONS  
HIGHWAY INFORMATION SERVICES DIVISION

Montgomery

CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD	
✓ 1	15	CO 0033	00.00	00.12	00.12	E10B	745-482
✓ 2	15	CO 0033	00.12	00.04	00.16		
✓ 3	15	CO 0033	00.16	00.07	00.23		
✓ 4	15	CO 0033	00.23	00.06	00.29		
✓ 5	15	CO 0033	00.29	00.07	00.36		
✓ 6	15	CO 0033	00.36	00.05	00.41		
✓ 7	15	CO 0081	00.83	00.26	01.09	E10C	735-461
✓ 8	15	CO 0081	01.09	00.56	01.65		
✓ 9	15	CO 0098	00.84	00.35	01.19	E11C	802-452
✓ 10	15	CO 0099	00.21	02.13	02.34	E11C	799-452
✓ 11	15	CO 0141	00.50	00.49	00.99	E10A	727-489
✓ 12	15	CO 0141	00.99	00.36	01.35		
✓ 13	15	CO 0141	01.35	00.12	01.47		
✓ 14	15	CO 0141	01.47	00.08	01.55		
✓ 15	15	CO 0141	01.55	00.21	01.76		
✓ 16	15	CO 0141	01.76	00.21	01.97		
✓ 17	15	CO 0141	01.97	00.05	02.02		
✓ 18	15	CO 0141	02.02	00.21	02.23		
✓ 19	15	CO 0141	02.23	00.05	02.28		
✓ 20	15	CO 0144	01.39	00.14	01.53	E10D	749-445
✓ 21	15	CO 0144	01.55	00.24	01.79		
✓ 22	15	CO 0144	01.79	00.05	01.84		
✓ 23	15	CO 0144	01.84	00.34	02.18		
✓ 24	15	CO 0144	02.41	00.40	02.81		
✓ 25	15	CO 0144	03.05	00.33	03.38		

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Handwritten mark in red ink on the left side.

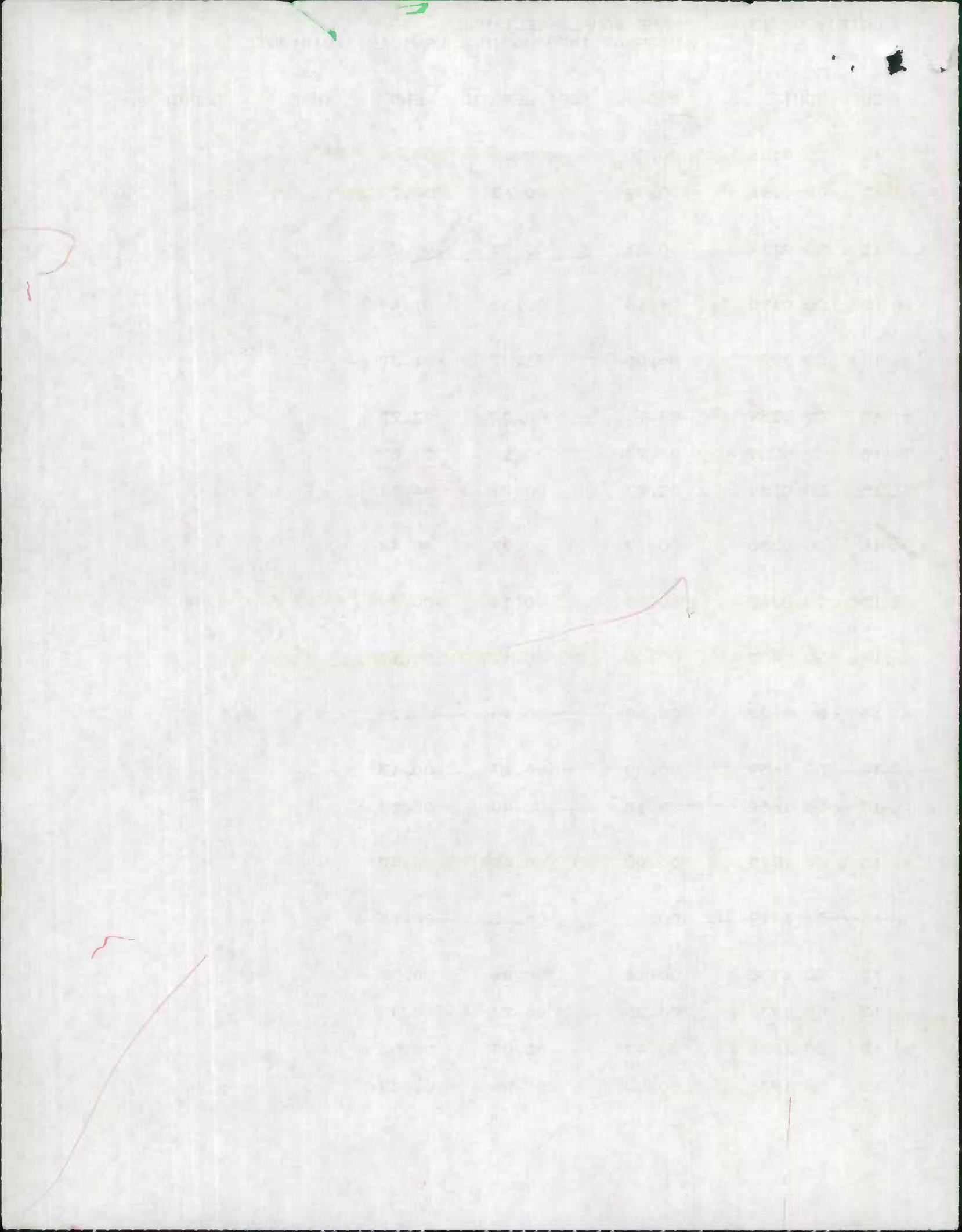
Handwritten mark in red ink on the right side.



DATE : 05/13/92

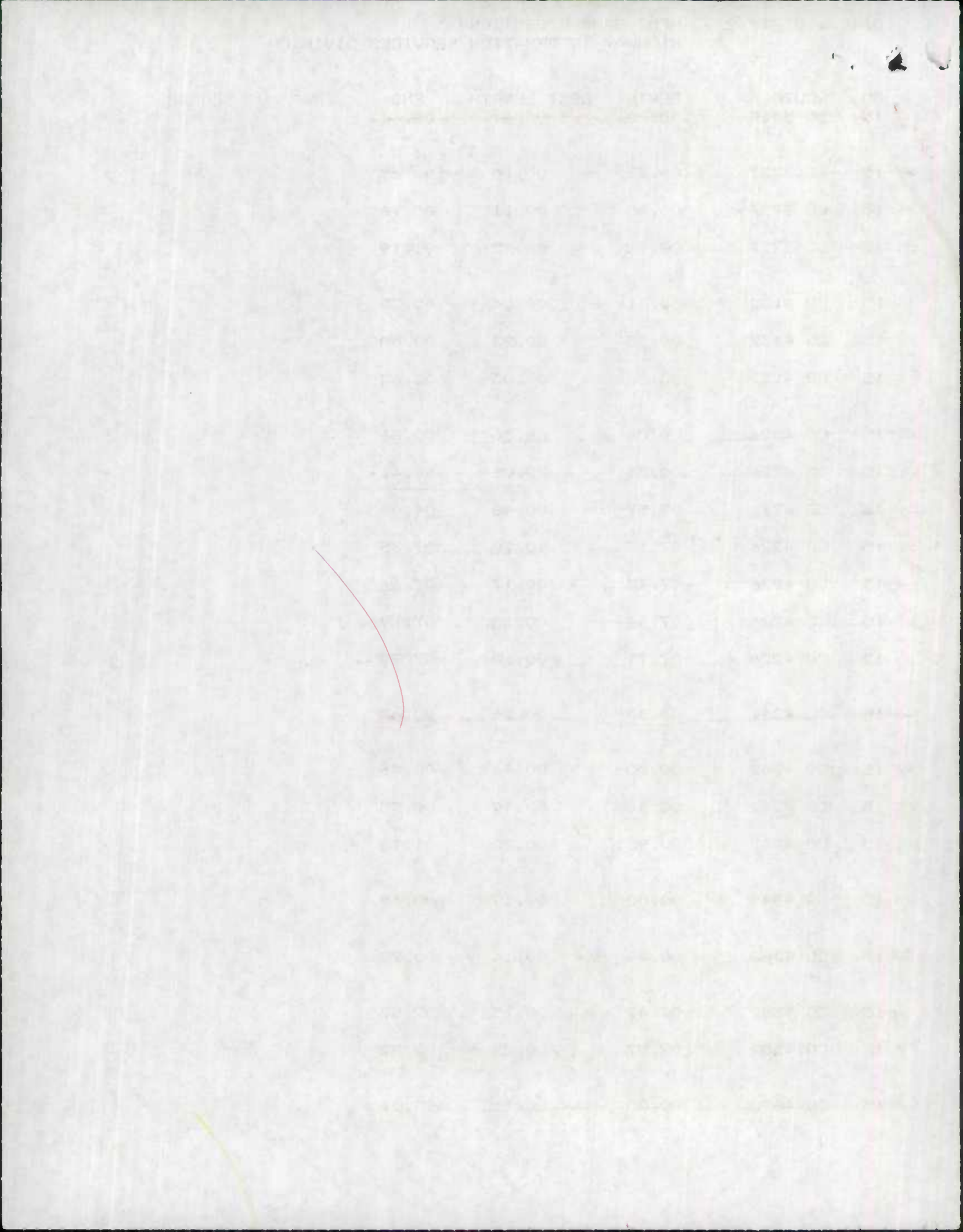
HPMS SAMPLE SECTIONS  
HIGHWAY INFORMATION SERVICES DIVISION

CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD
✓ 26	15 CO 0166	00.00	00.09	00.09	F10B	764-434
✓ 27	15 CO 0166	00.09	00.63	00.72	↓	
<del>28</del>	<del>15 CO 0194</del>	<del>00.01</del>	<del>00.23</del>	<del>00.24</del>	<del>✓ E10</del>	<del>730-451</del>
<del>29</del>	<del>15 CO 0195</del>	<del>01.16</del>	<del>00.33</del>	<del>01.49</del>	<del>✓ E-10</del>	<del>745-442</del>
<del>30</del>	<del>15 CO 0237</del>	<del>00.00</del>	<del>01.37</del>	<del>01.37</del>	<del>19</del>	<del>682-509</del>
<del>31</del>	<del>15 CO 0259</del>	<del>03.71</del>	<del>00.02</del>	<del>03.73</del>	<del>25, 26, 20 E-9</del>	<del>702-473</del>
<del>32</del>	<del>15 CO 0259</del>	<del>03.73</del>	<del>00.10</del>	<del>03.83</del>	<del>D-10</del>	
<del>33</del>	<del>15 CO 0259</del>	<del>03.83</del>	<del>00.71</del>	<del>04.54</del>	<del>E10</del>	
✓ 34	15 CO 0350	00.17	00.27	00.44	30 F-10	770-422
✓ 35	15 CO 0362	00.65	00.34	00.99	30B F10	772-420
✓ 36	15 CO 0533	00.00	00.17	00.17	31 F-11	782-432
<del>37</del>	<del>15 CO 1222</del>	<del>00.17</del>	<del>00.10</del>	<del>00.29</del>	<del>31 F-11</del>	<del>781-418</del>
<del>38</del>	<del>15 CO 1659</del>	<del>00.00</del>	<del>00.13</del>	<del>00.13</del>	<del>26, 27 E-10</del>	<del>767-444</del>
<del>39</del>	<del>15 CO 1659</del>	<del>00.13</del>	<del>00.40</del>	<del>00.53</del>		
✓ 40	15 CO 1799	00.00	00.47	00.47	26, 27 E10, E11	775-446
<del>41</del>	<del>15 CO 1919</del>	<del>00.00</del>	<del>00.15</del>	<del>00.15</del>	<del>31 F-11</del>	<del>776-438</del>
✓ 42	15 CO 1936	00.16	00.04	00.20	E10 B+0	759-478
✓ 43	15 CO 1936	00.20	00.23	00.43		
✓ 44	15 CO 1936	00.43	00.09	00.52		
✓ 45	15 CO 1936	00.52	00.86	01.38	↓	





	CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD
✓ 46	15	CO 3428	00.00	00.61	00.61	30 F10	750-420
✓ 47	15	CO 3727	00.55	00.10	00.65	26A-B E10	738-479
✓ 48	15	CO 3727	00.65	00.11	00.76		
✓ 49	15	CO 3727	00.76	00.43	01.19		
✓ 50	15	CO 4132	00.31	00.04	00.35	260 E10	765-443
✓ 51	15	CO 4132	00.35	00.23	00.58		
✓ 52	15	CO 4132	00.58	00.05	00.63		
✓ 53	15	CO 4226	00.00	00.36	00.36	E10D	742-462
✓ 54	15	CO 4226	00.36	00.05	00.41		
✓ 55	15	CO 4226	03.57	00.48	04.05		} look for new improvements and mark in the map
✓ 56	15	CO 4226	07.15	00.20	07.35		
✓ 57	15	CO 4226	07.47	00.17	07.64		
✓ 58	15	CO 4226	07.64	00.15	07.79		
✓ 59	15	CO 4226	07.79	00.18	07.97		
✓ 60	15	CO 4241	00.36	00.26	00.62	26 E10	745-477
✓ 61	15	CO 4242	00.00	00.46	00.46	E10D	766-441
✓ 62	15	CO 4242	00.46	00.49	00.95		
✓ 63	15	CO 4242	00.95	00.20	01.15		
✓ 64	15	CO 4349	00.00	00.19	00.19	E11C	782-448
✓ 65	15	CO 4460	00.08	00.14	00.22	31A F11	782-429
✓ 66	15	CO 4552	02.42	00.15	02.57	E11C	806-443
✓ 67	15	CO 4552	02.57	00.25	02.82		
✓ 68	15	CO 4690	00.00	00.11	00.11	30A F10	778-403





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HPMS SAMPLE SECTIONS  
HIGHWAY INFORMATION SERVICES DIVISION

CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD
✓ 15	CO 4690	03.20	01.11	04.31	30A F10	778-403
✓ 69 15	CO 4690	04.89	00.24	05.13		
✓ 70 15	CO 5152	01.20	00.10	01.30	E10B	787-474
<del>71 15</del>	<del>CO 5665</del>	<del>00.31</del>	<del>00.61</del>	<del>00.92</del>	F11A	792-423
✓ 72 15	BV 0006	01.67	00.39	02.06	F10B-D 1.70 15 36 15 61 21 21 32	741-417
✓ 73 15	BV 0006	02.06	00.93	02.99		
✓ 74 15	BV 0006	02.99	00.36	03.35		
✓ 75 15	BV 0006	03.35	00.02	03.37		
✓ 76 15	BV 0006	03.52	00.04	03.56		
✓ 77 15	BV 0006	03.56	00.32	03.88		
✓ 78 15	BV 0006	04.21	00.08	04.29		
✓ 79 15	BV 0006	04.29	00.15	04.44		
✓ 80 15	BV 0006	04.44	00.05	04.49		
✓ 81 15	BV 0006	04.49	01.02	05.51		
✓ 82 15	BV 0006	05.51	00.18	05.69		
✓ 83 15	BV 0006	05.69	00.36	06.05		
✓ 84 15	BV 0006	06.05	00.12	06.17		
✓ 85 15	BV 0006	06.17	00.22	06.39		
✓ 86 15	BV 0007	02.09	00.90	02.99	31 F71	799-419
<del>87 15</del>	<del>BV 0028</del>	<del>00.68</del>	<del>00.14</del>	<del>00.82</del>	30+31 F10, F11	775-440
✓ 88 15	BV 0028	04.71	00.27	04.98		
✓ 89 15	BV 0033	00.11	00.12	00.23	30 F10	770-416



AT R



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CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD
<del>90</del>	<del>15</del>	<del>MU 0070 030</del>	<del>00.00</del>	<del>00.53</del>	<del>00.53</del>	
<del>91</del>	<del>15</del>	<del>MU 0135 063</del>	<del>00.85</del>	<del>00.18</del>	<del>01.03</del>	
92	15	MU 0170 130	00.00	00.44	00.44	
93	15	MU 0170 130	00.44	00.14	00.58	
94	15	MU 0242 130	01.60	00.11	01.71	
95	15	MU 0970 130	00.00	00.11	00.11	
96	15	MU 1295 130	02.89	00.61	03.50	
97	15	MU 1295 130	03.50	00.05	03.55	
X 98	15	MU 2592 130	00.05	00.05	00.10	
X 99	15	MU 2592 130	00.10	00.23	00.33	
X 100	15	MU 2592 130	00.33	00.24	00.57	
<del>101</del>	<del>15</del>	<del>MU 2605 130</del>	<del>00.54</del>	<del>00.07</del>	<del>00.61</del>	
<del>102</del>	<del>15</del>	<del>MU 2605 130</del>	<del>00.61</del>	<del>00.03</del>	<del>00.64</del>	
103	15	MU 2970 130	02.07	00.13	02.20	

CHEVCHUSE IV

GAITHERSBURG

ASTER Blvd ROCKVILLE

740-455  
→ Ride & find out  
(see inventory)

→ Ritchey Pkwy

100-100

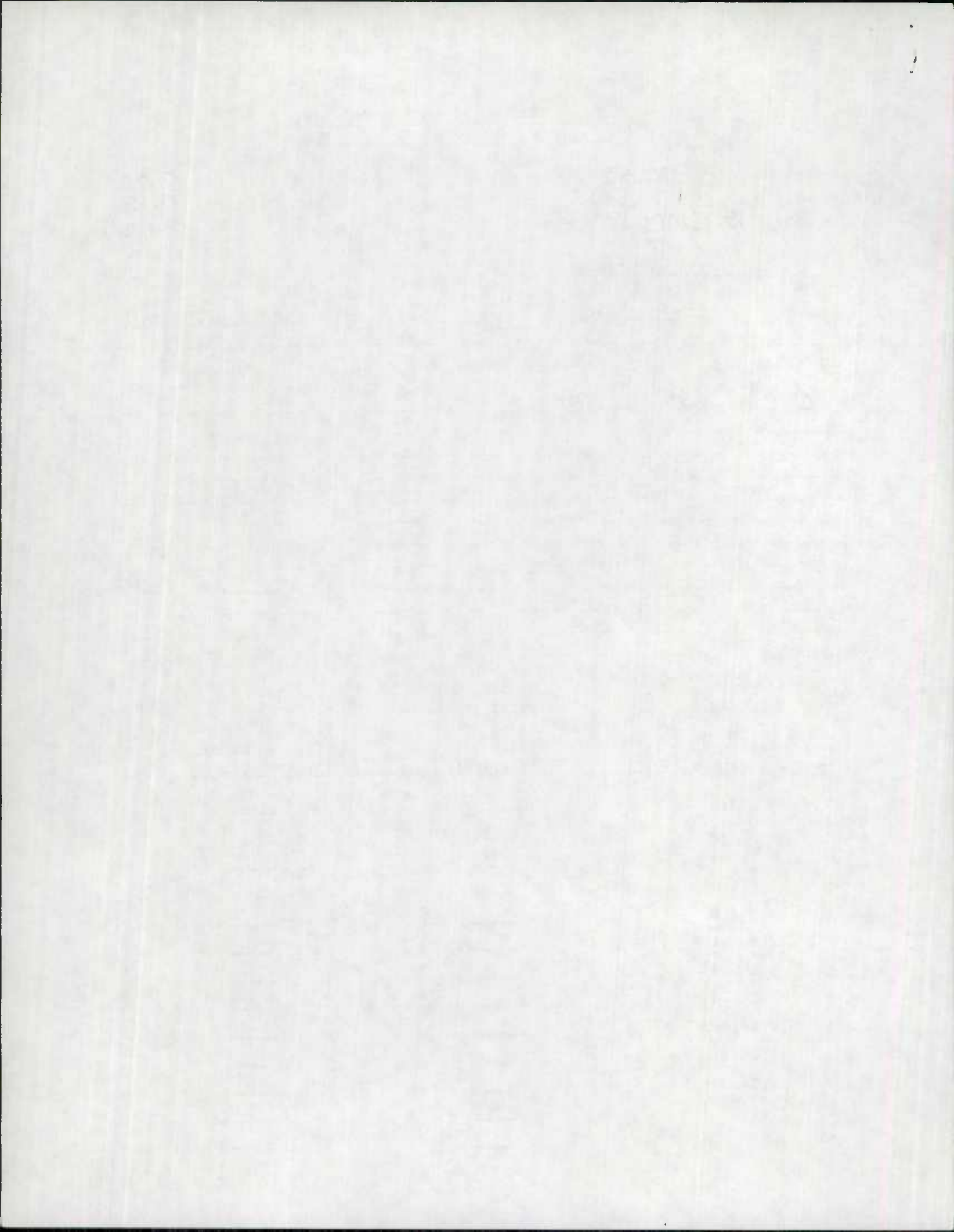
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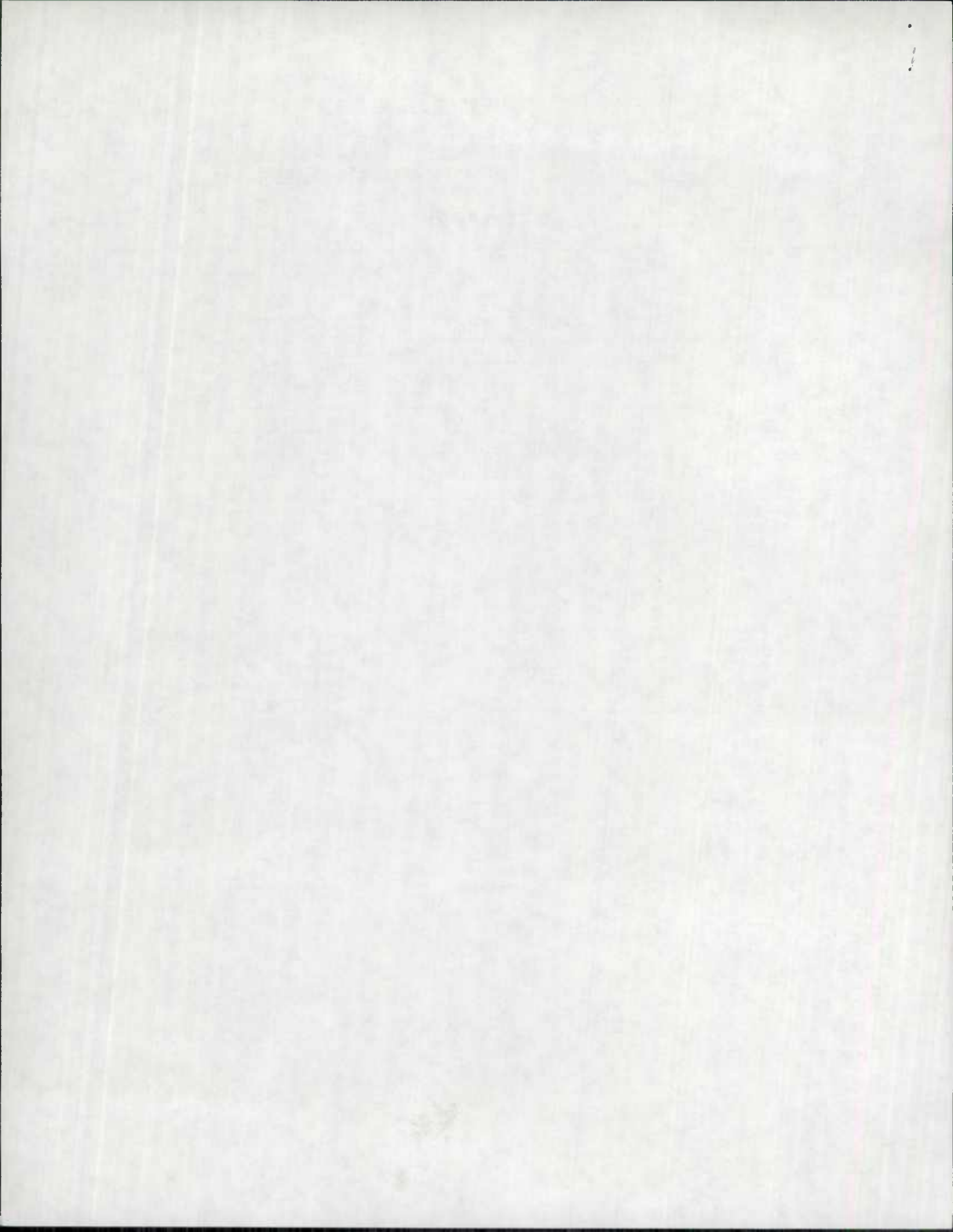




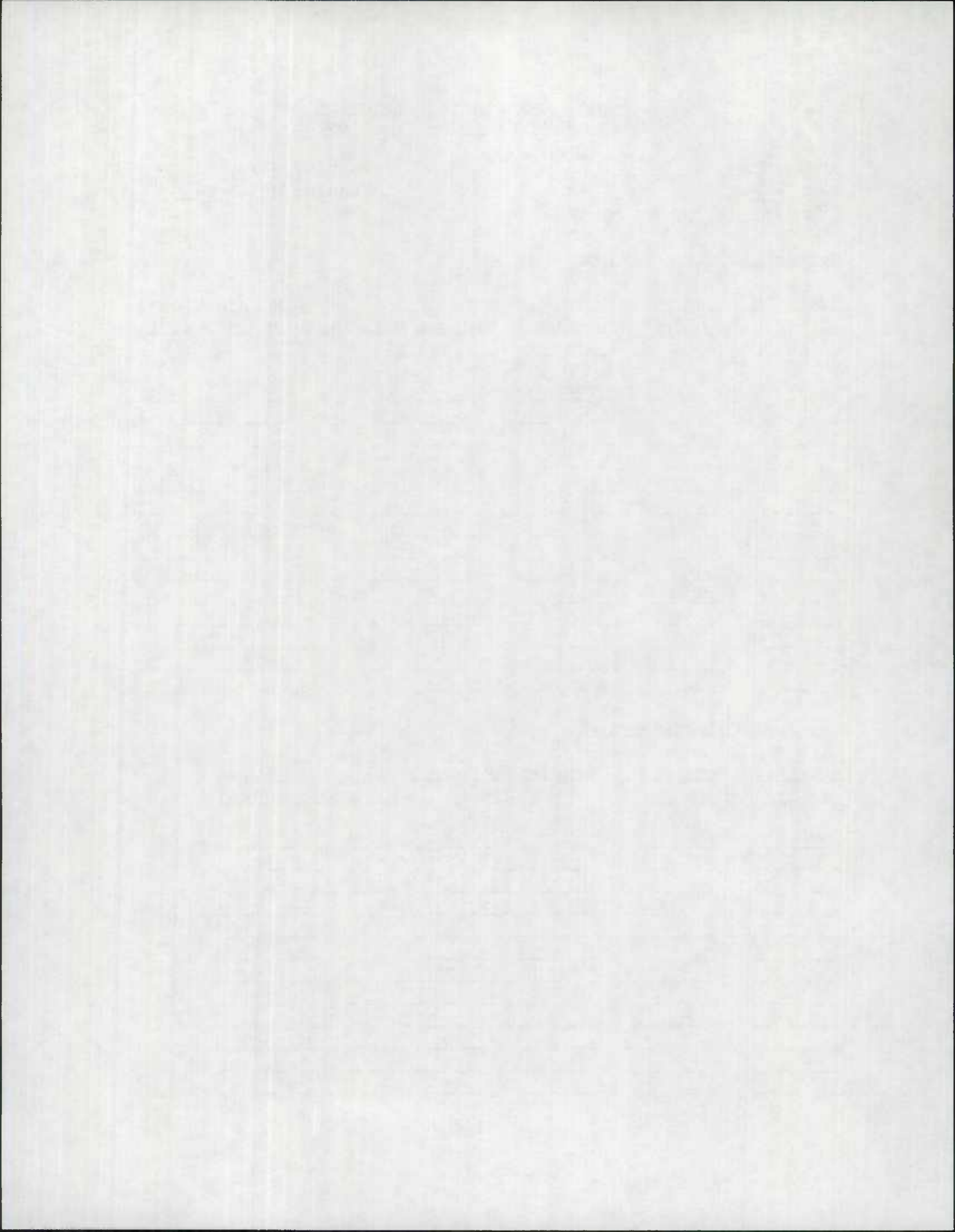






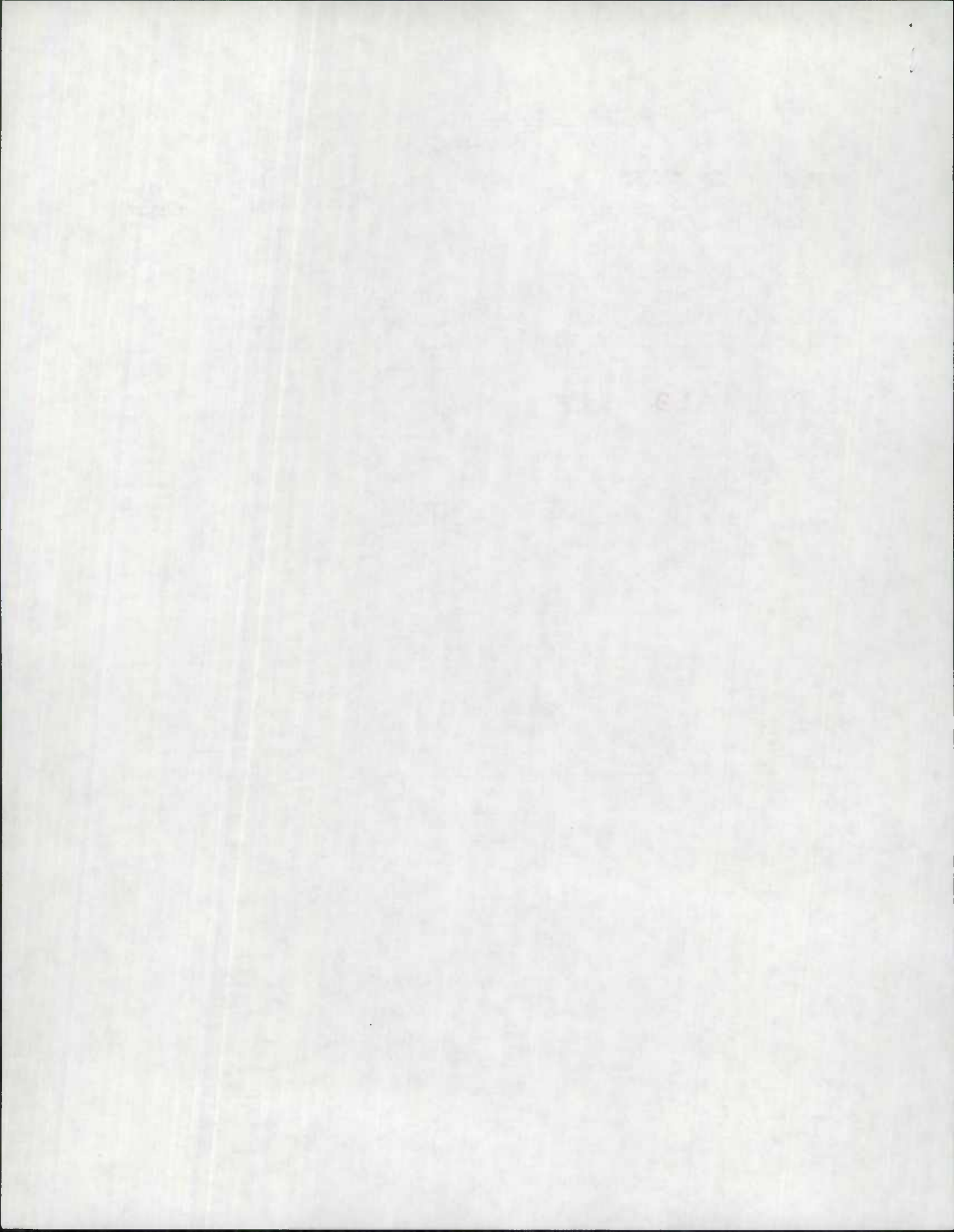






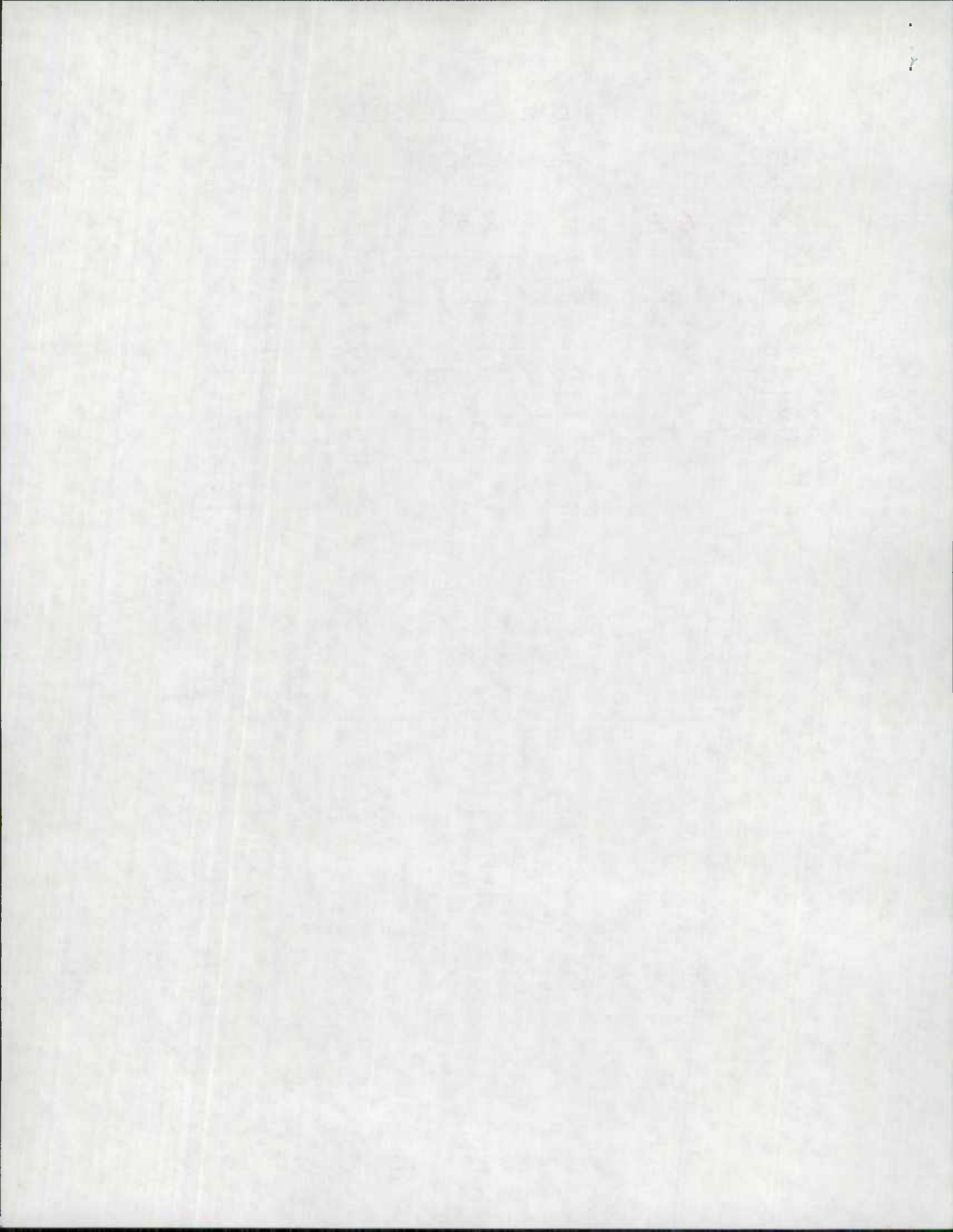




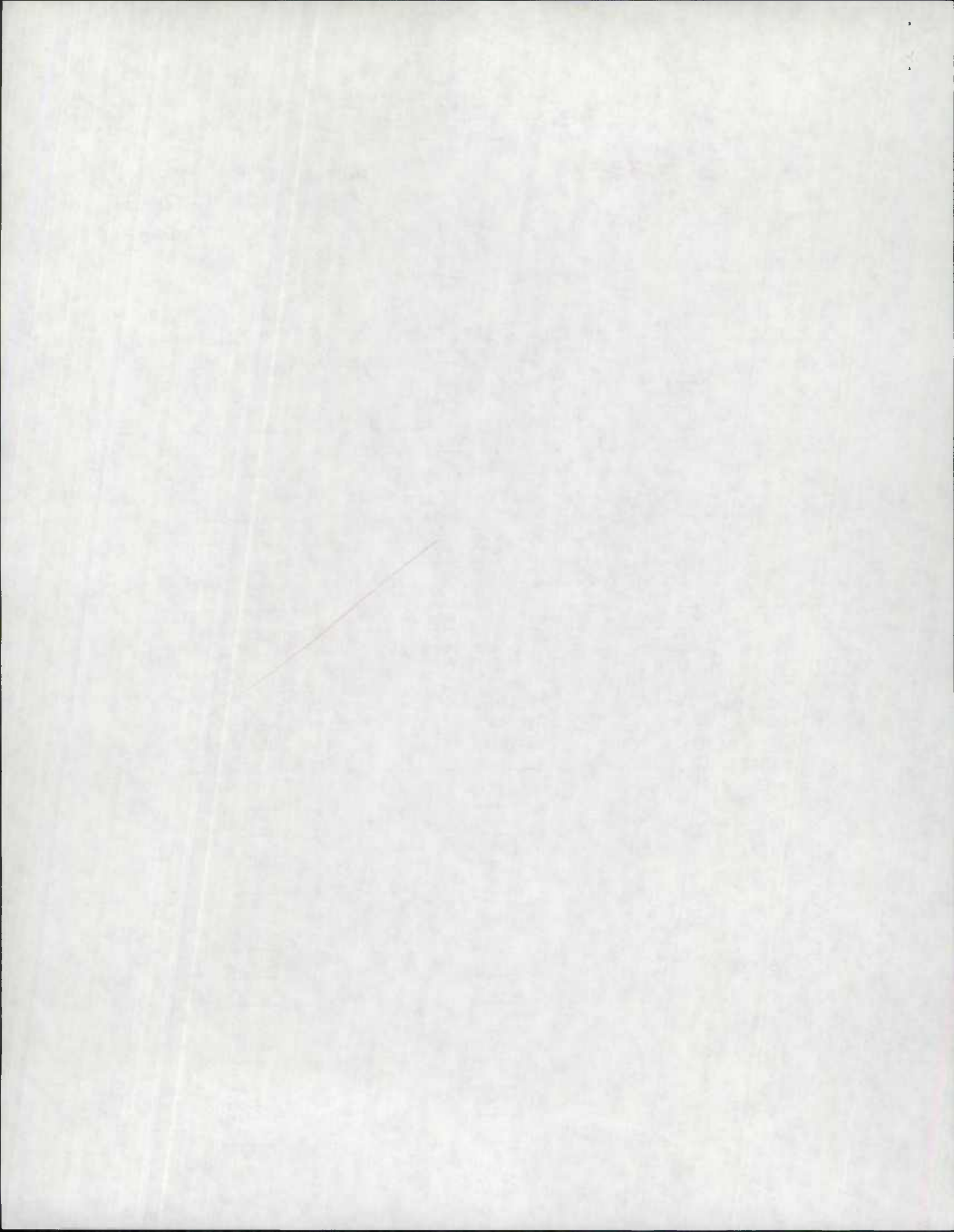






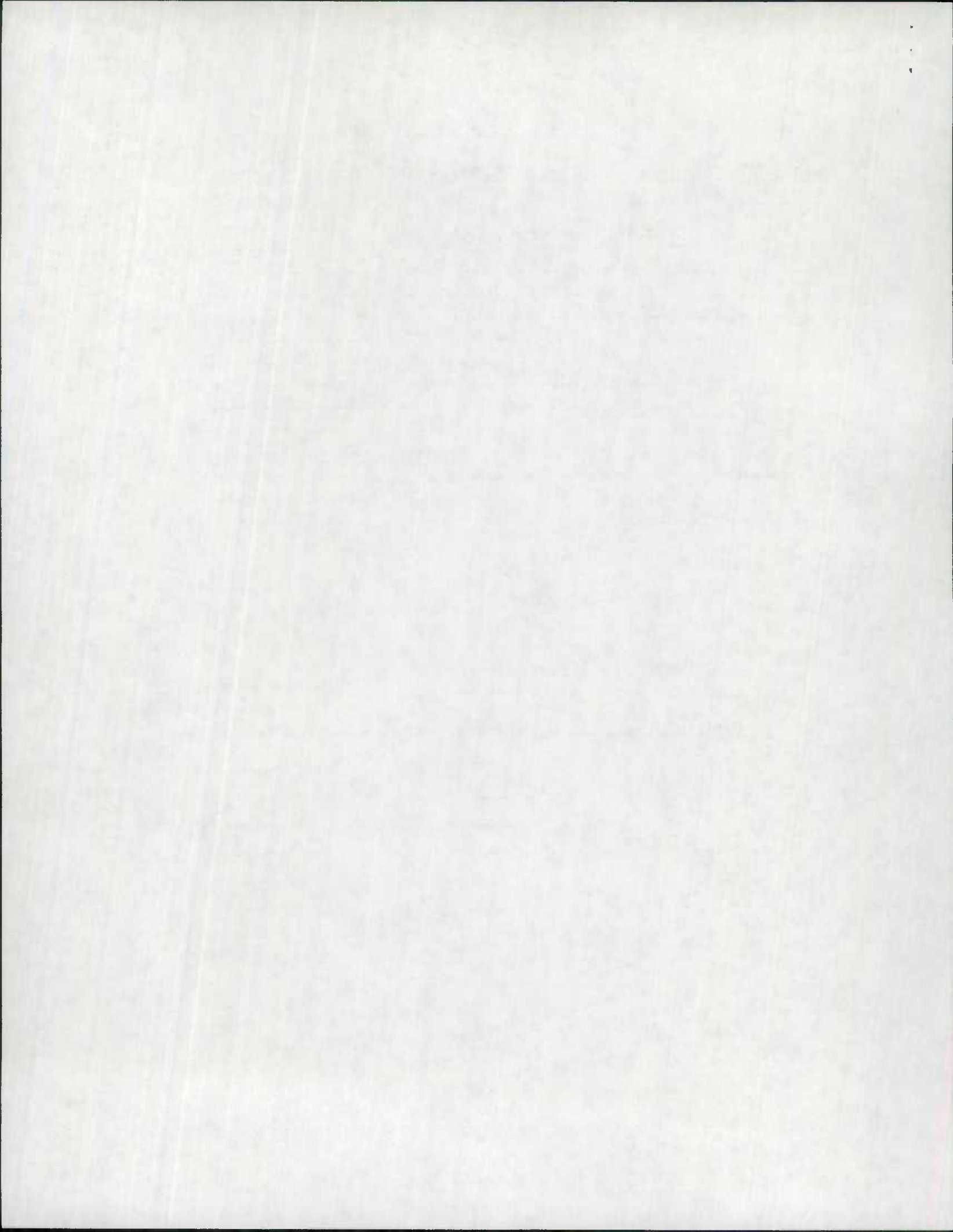




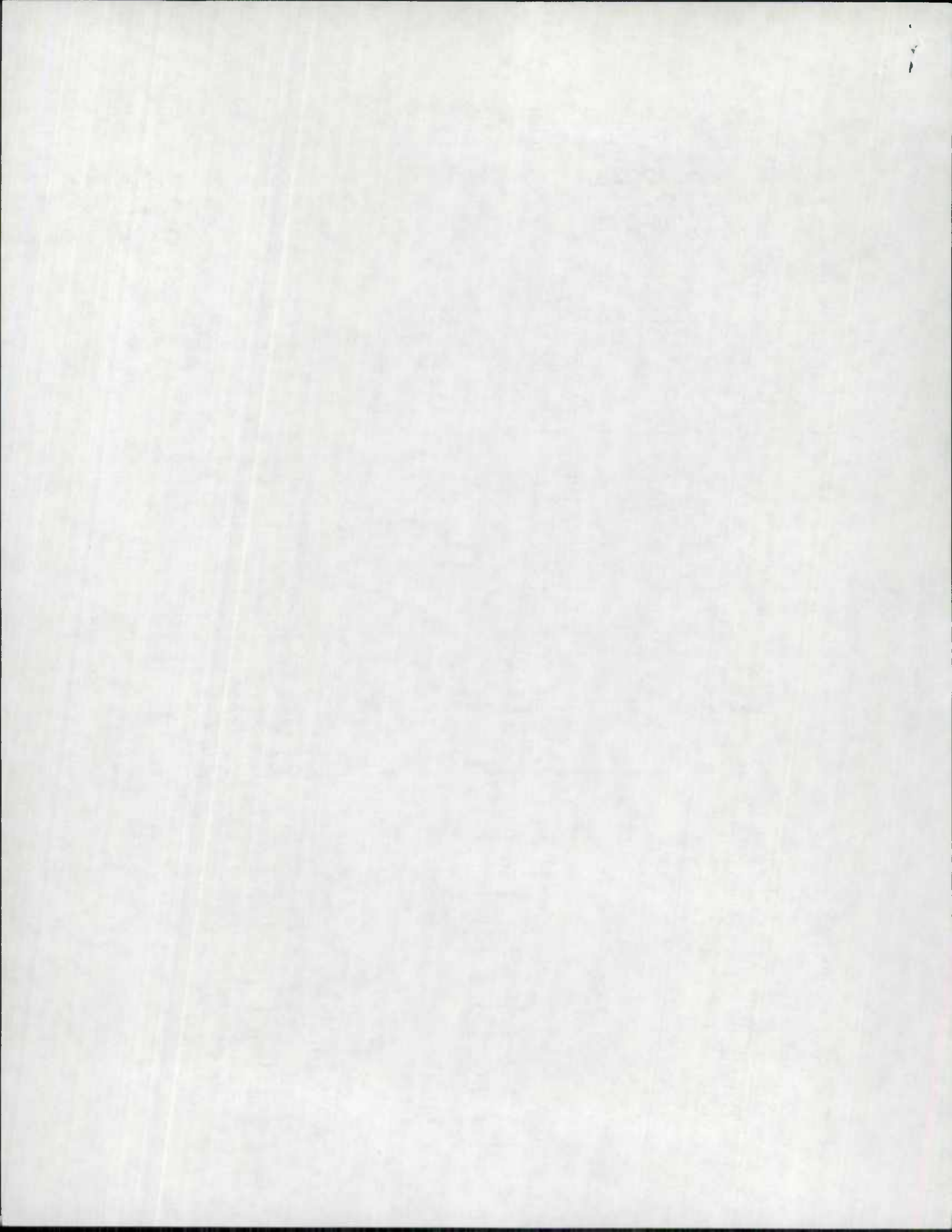






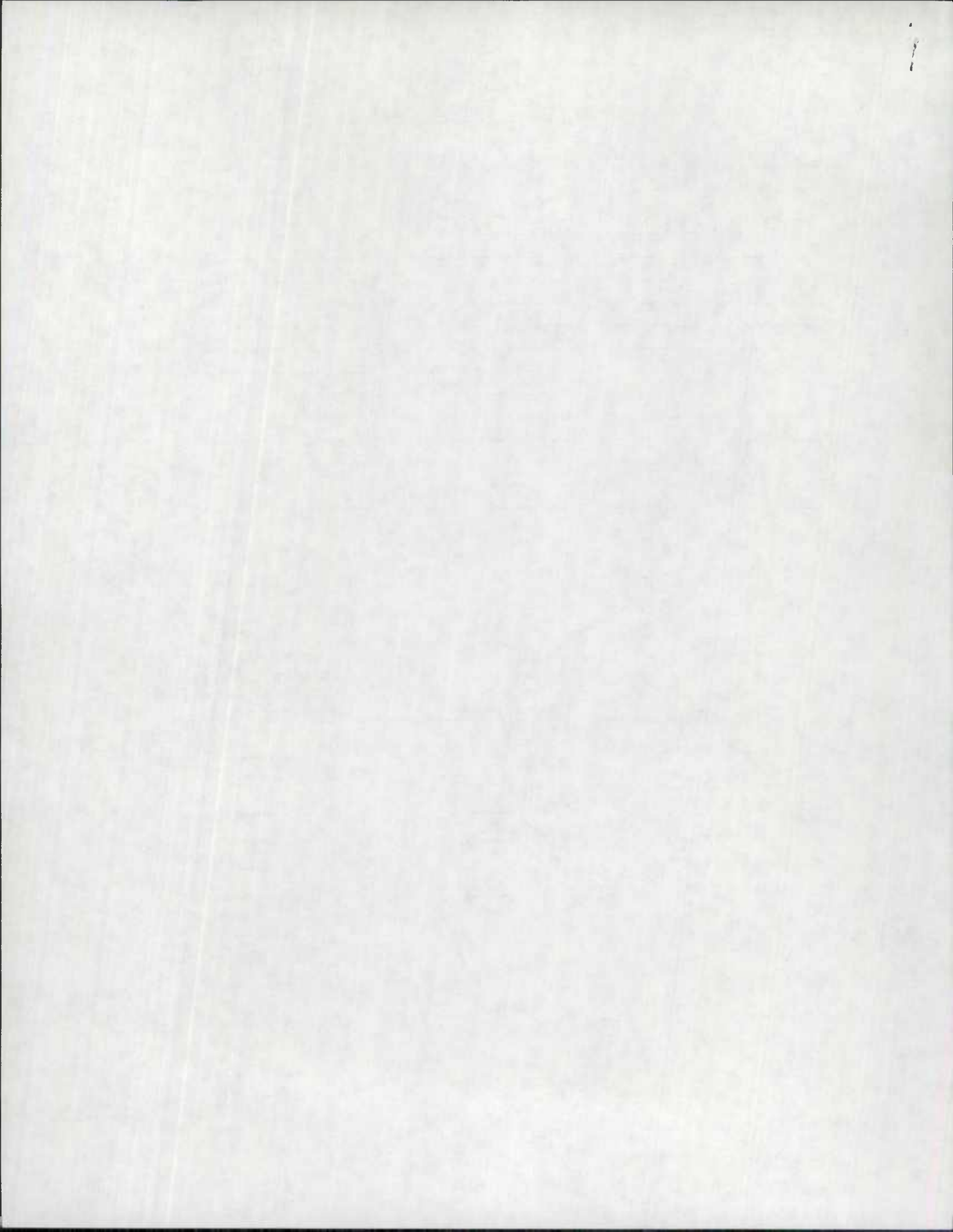










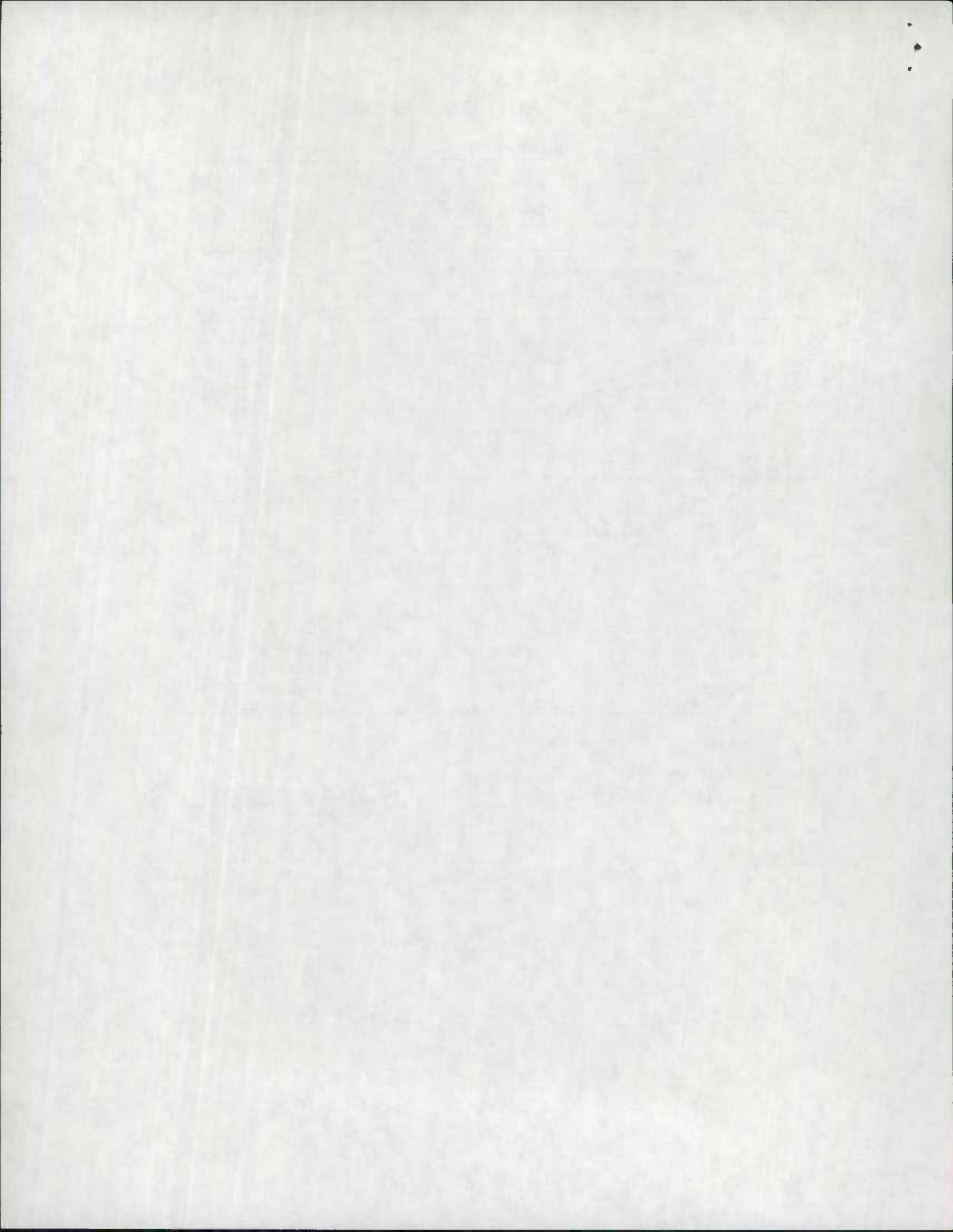




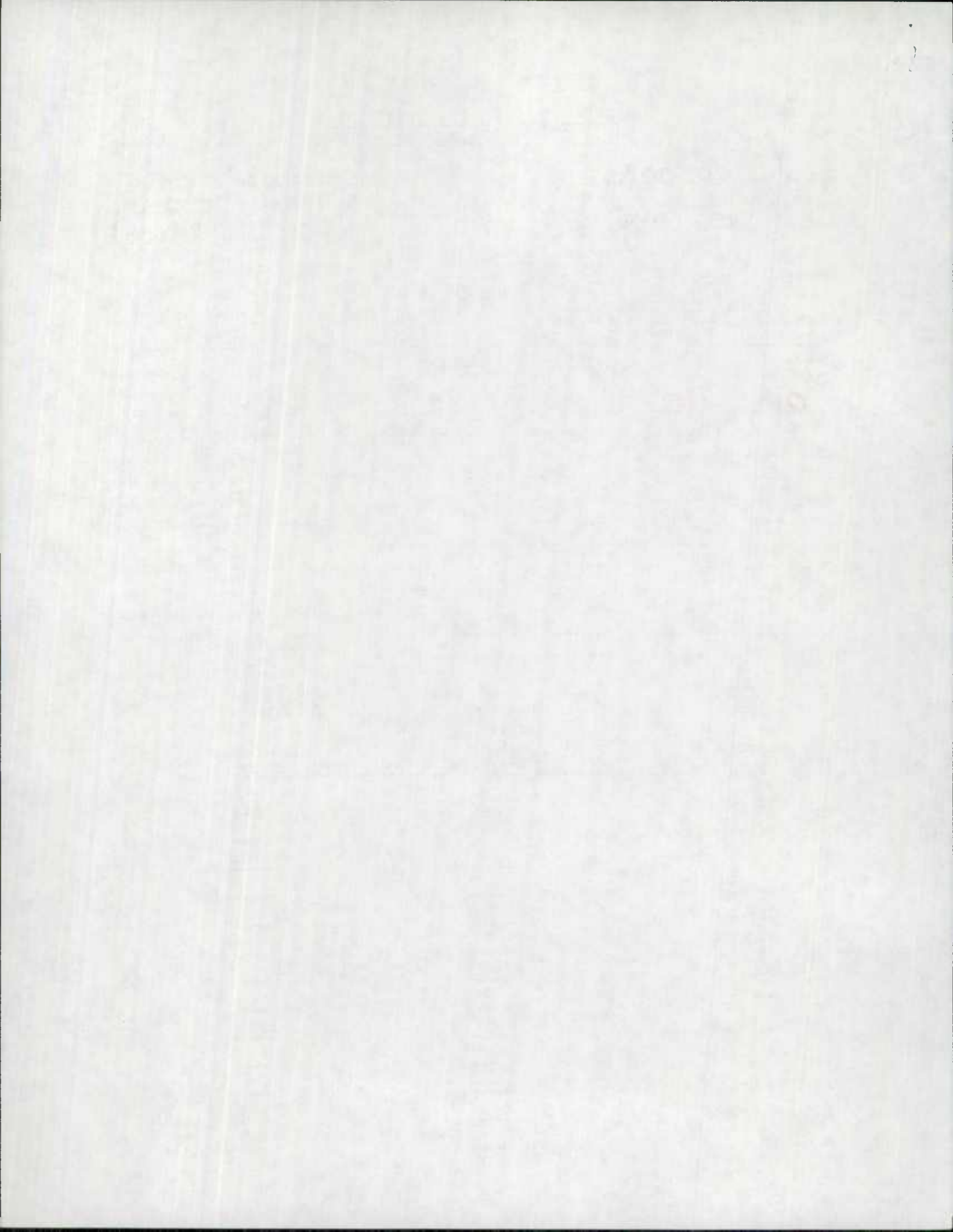






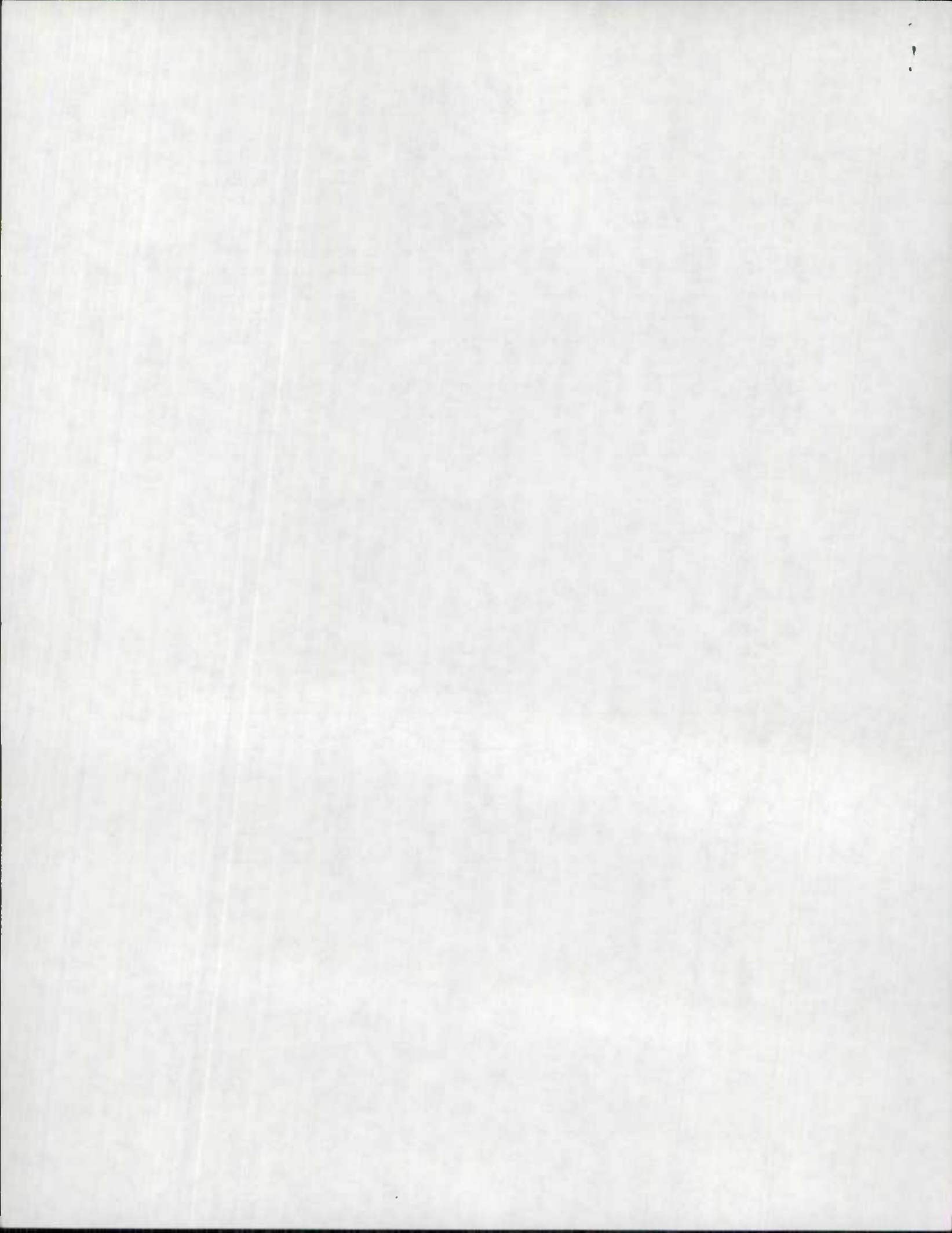




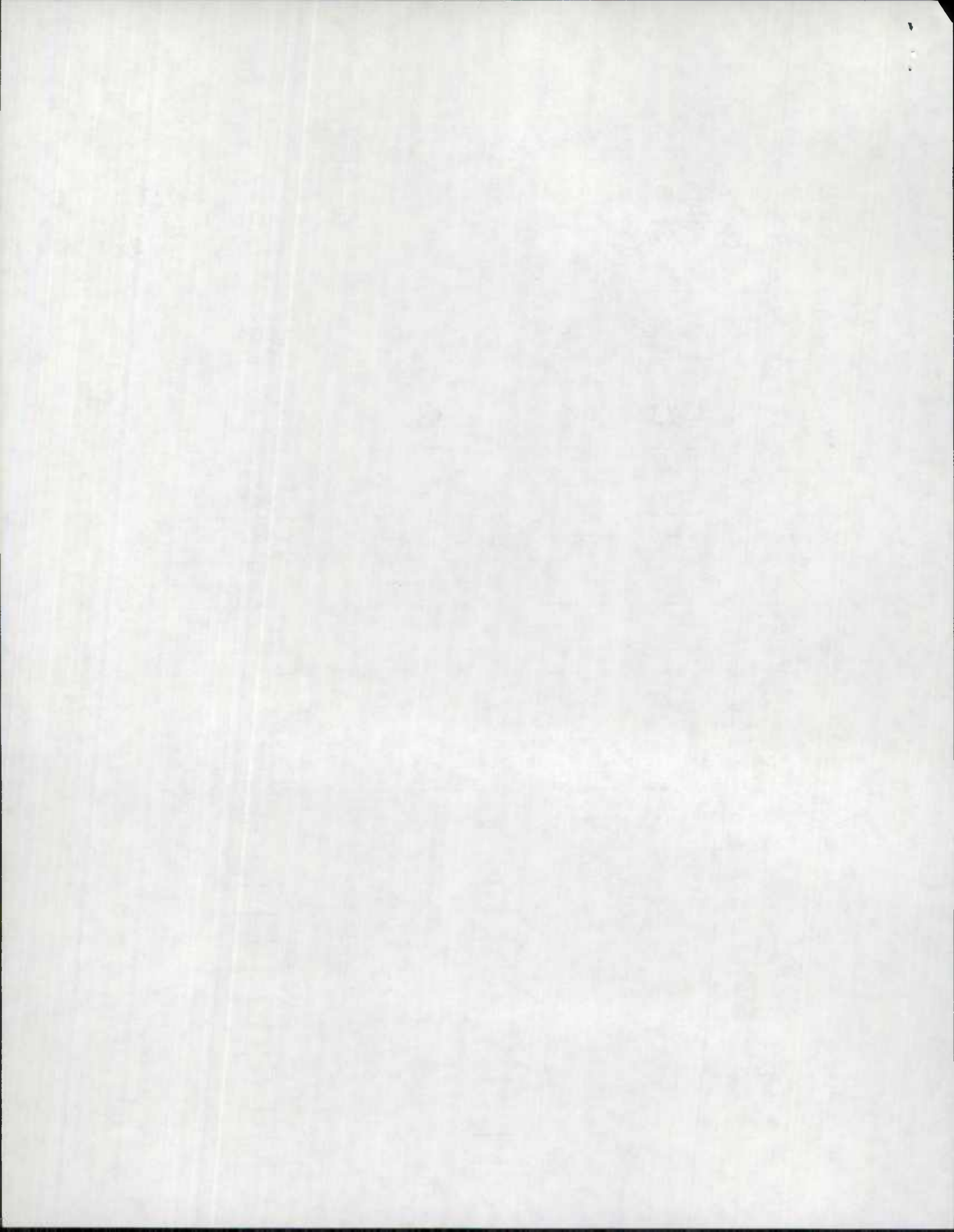














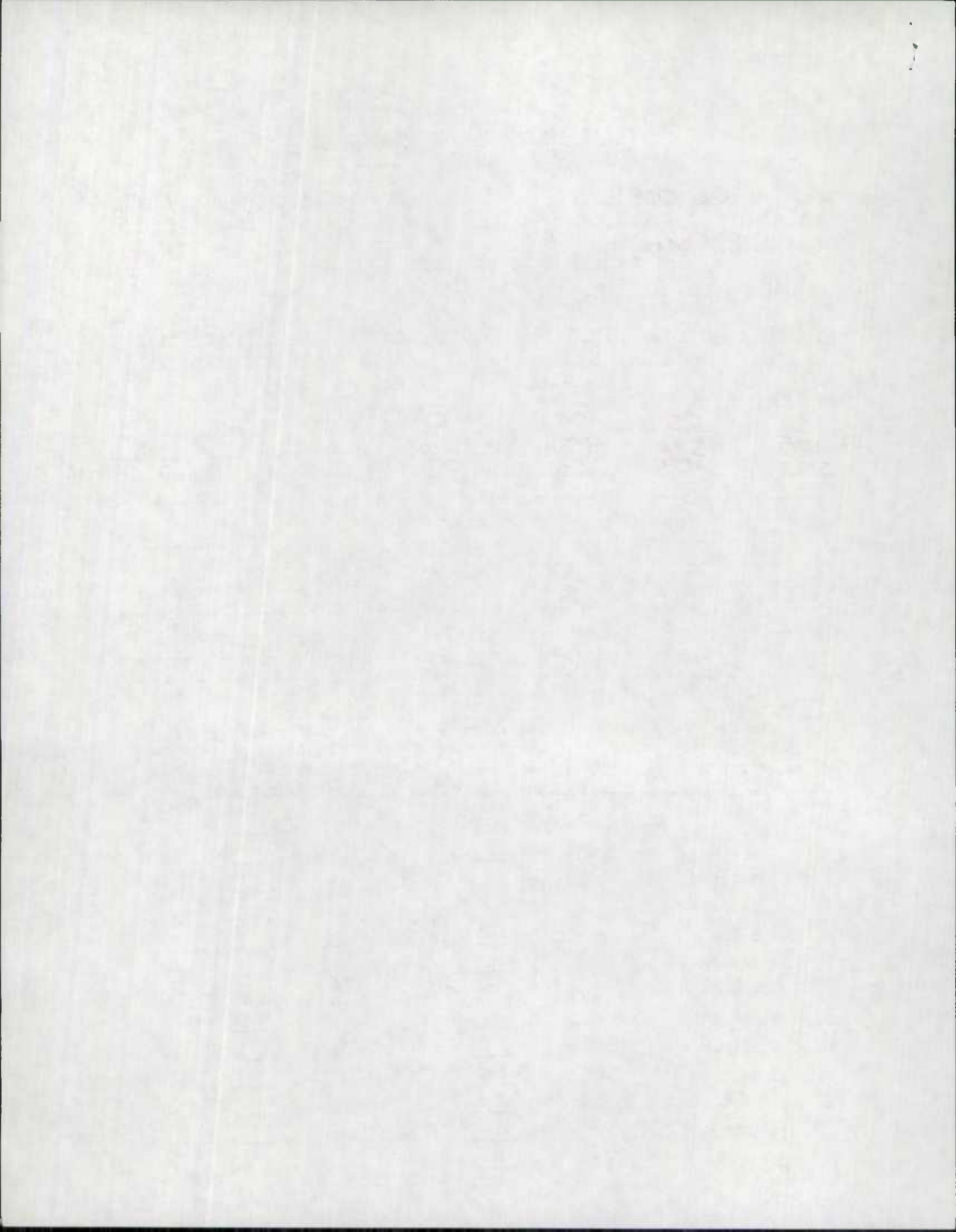
Vertical Curve Section

<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)
<del>560</del>	560	0%	-----
560	1144	+5.2%	-----
1144	1373	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	-----	-----
b.	0.5-2.4	-----	-----
c.	2.5-4.4	-----	-----
d.	4.5-6.4	-----	-----
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----









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	1109	0%	
1109	2668	-5.8%	→ 6.5
2668	2955	+5.3%	
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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-	_____	_____



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

Route No: CO-0078  
 Sample No: ~~0079~~  
 County: 15 (Mry)

Starting Mile Pt: 0.84  
 Ending Mile Pt: 1.19

(0.34)  
(.35)

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>Ordi. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<del>0</del>	<u>1792</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.	28+	-----	-----









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

Route No: CO 0099  
 Sample No: 10  
 County: 15 (Mry)

Starting Mile Pt: 0.21  
 Ending Mile Pt: 2.34

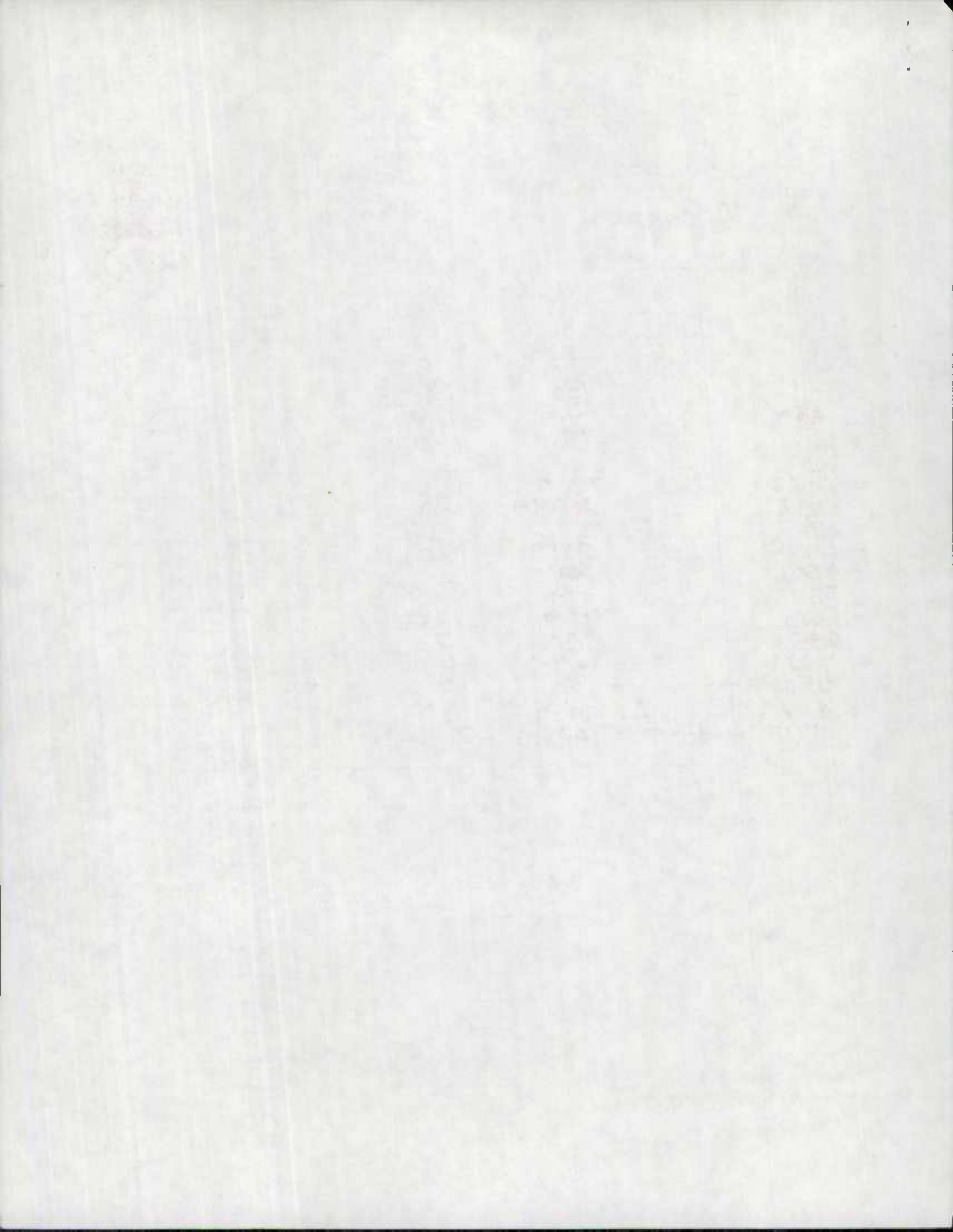
~~1.23~~  
(2.13)

Horizontal Curve Section

<u>Start Pt.</u> (in ft.)	<u>End Pt.</u> (in ft.)	<u>Chord</u> length (/100ft)	<u>Central</u> Ordi. Length (/100ft)	<u>Length of Total</u> Curve in(x.xxmile)
<u>0</u>	<u>.21 - .29</u>	<u>100</u>	<u>0</u>	
<u>L 439</u>	<u>.29 - .37</u>	<u>99.9</u>	<u>1.2</u>	
<u>R 850</u>	<u>.37 - .44</u>	<u>99.9</u>	<u>1.0</u>	
<u>1237</u>	<u>.44 - .52</u>			
<u>L 1672</u>	<u>.52 - .56</u>	<u>99.9</u>	<u>1.1</u>	
<u>R 1898</u>	<u>.56 - .72</u>	<u>99.9</u>	<u>1.0</u>	
<u>2727</u>	<u>.72 - .96</u>			
<u>L 4002</u>	<u>.96 - 1.02</u>	<u>99.9</u>	<u>1.0</u>	
<u>54301</u>	<u>1.02 - 1.26</u>	<u>99.9</u>		
<u>L 5571</u>	<u>1.26 - 1.39</u>	<u>99.8</u>	<u>2.6</u>	
<u>R 6273</u>	<u>1.39 - 1.42</u>	<u>99.9</u>	<u>1.0</u>	
<u>6453</u>	<u>1.42 - 1.57</u>	<u>100</u>	<u>0</u>	
<u>L 7253</u>	<u>1.57 - 1.63</u>	<u>99.8</u>	<u>3.4</u>	
<u>758</u>	<u>Curve 1.63 - 1.74</u>	<u>100</u>	<u>0</u>	
<u>R 817</u>	<u>Classes 1.74 - 1.88</u>	<u>99.9</u>	<u>1.0</u>	
<u>843</u>	<u>by Degree of 1.246</u>	<u>100</u>	<u>0</u>	
	<u>Curvature 1.88 - 2.31</u>		<u>0</u>	

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.	28+	_____	_____



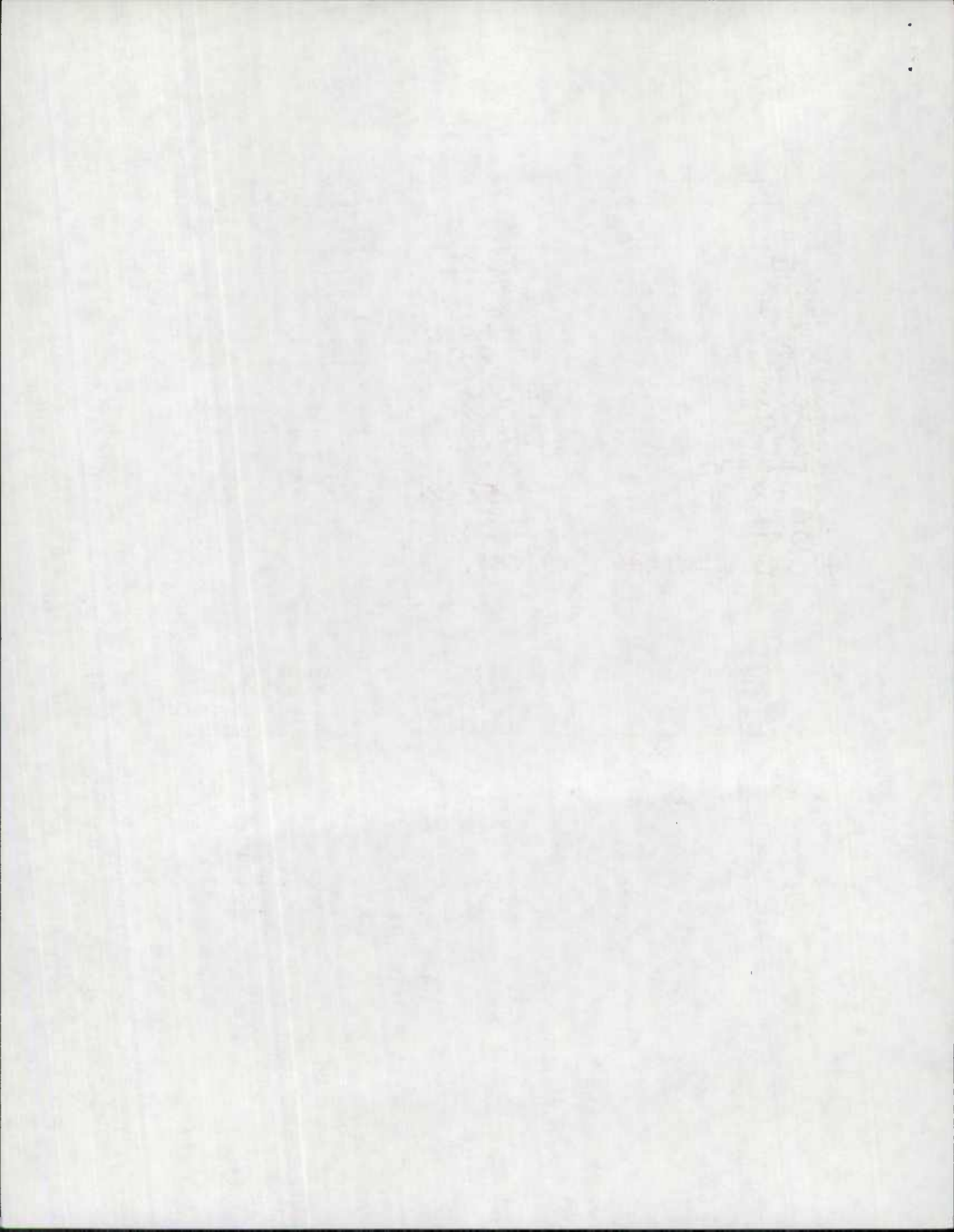
### Vertical Curve Section

<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	.21 - .24	0%	-----
149	.24 - .37	+3.0%	-----
850	.37 - .44	0%	-----
1237	.44 - .56	-6.5%	-----
1895	.56 - .78 <sup>10</sup>	+1.4%	-----
3069	.78 - .86 <sup>08</sup>	-2.0%	-----
3497	.86 - .96 <sup>10</sup>	0%	-----
4002	.96 - 1.15 <sup>19</sup>	+2%	-----
5030	1.15 - 1.39 <sup>24</sup>	-1.2%	-----
6273	1.39 - 1.64 <sup>25</sup>	-8.2%	-----
<del>7472</del> 7582	1.64 - 1.75 <sup>11</sup>	0%	-----
8172	1.75 - 2.14 <sup>39</sup>	+5.2%	-----
<del>8951</del>	2.14 - 2.29 <sup>04</sup>	-----	-----
10950	-----	-2%	-----
11032	-----	0%	-----
(2,29)	-----	-----	-----
-----	(2,33)	-----	-----

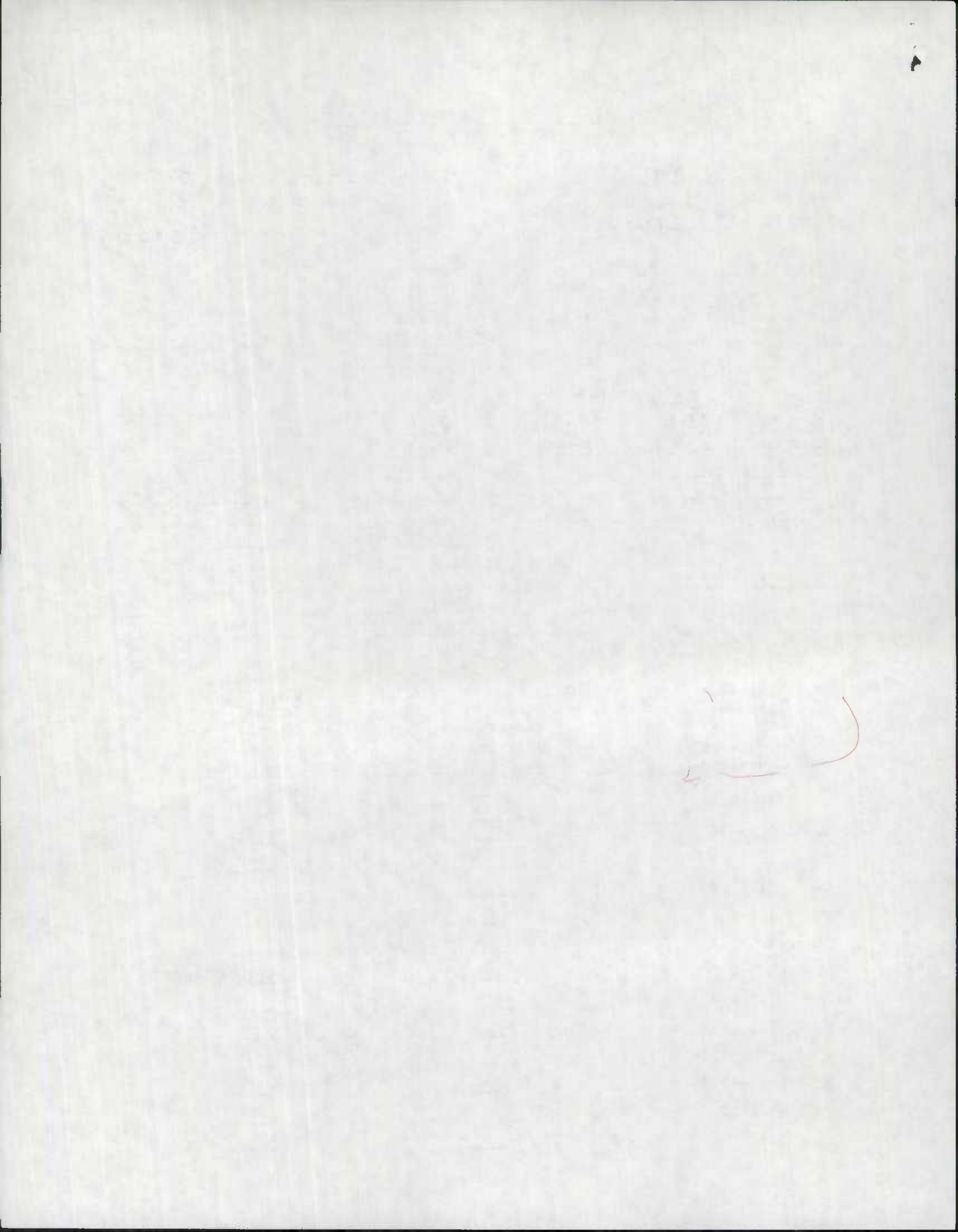
1.75  
39  
2.14

	<u>Grade Classes</u> by <u>Gradient</u> (Percent)	<u>Number of</u> <u>Grades</u> (Right- Justified)	<u>Length of</u> <u>Grades in Class</u> (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-	-----	-----





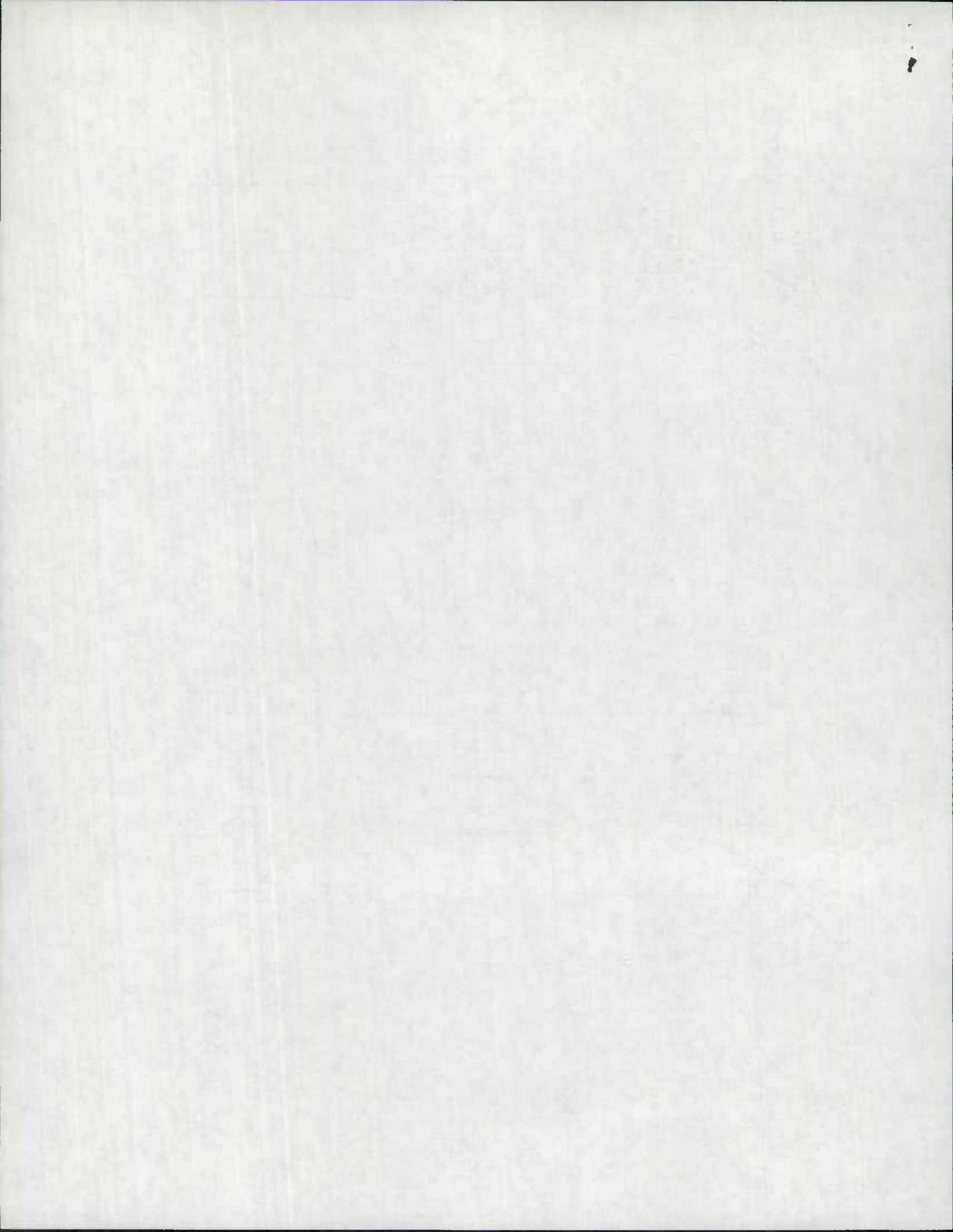




Vertical Curve Section

<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	479	0%	
479	1123	+ 6.2%	
1123	1354	0%	
1354	2587	- 5.7%	
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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-	_____	_____



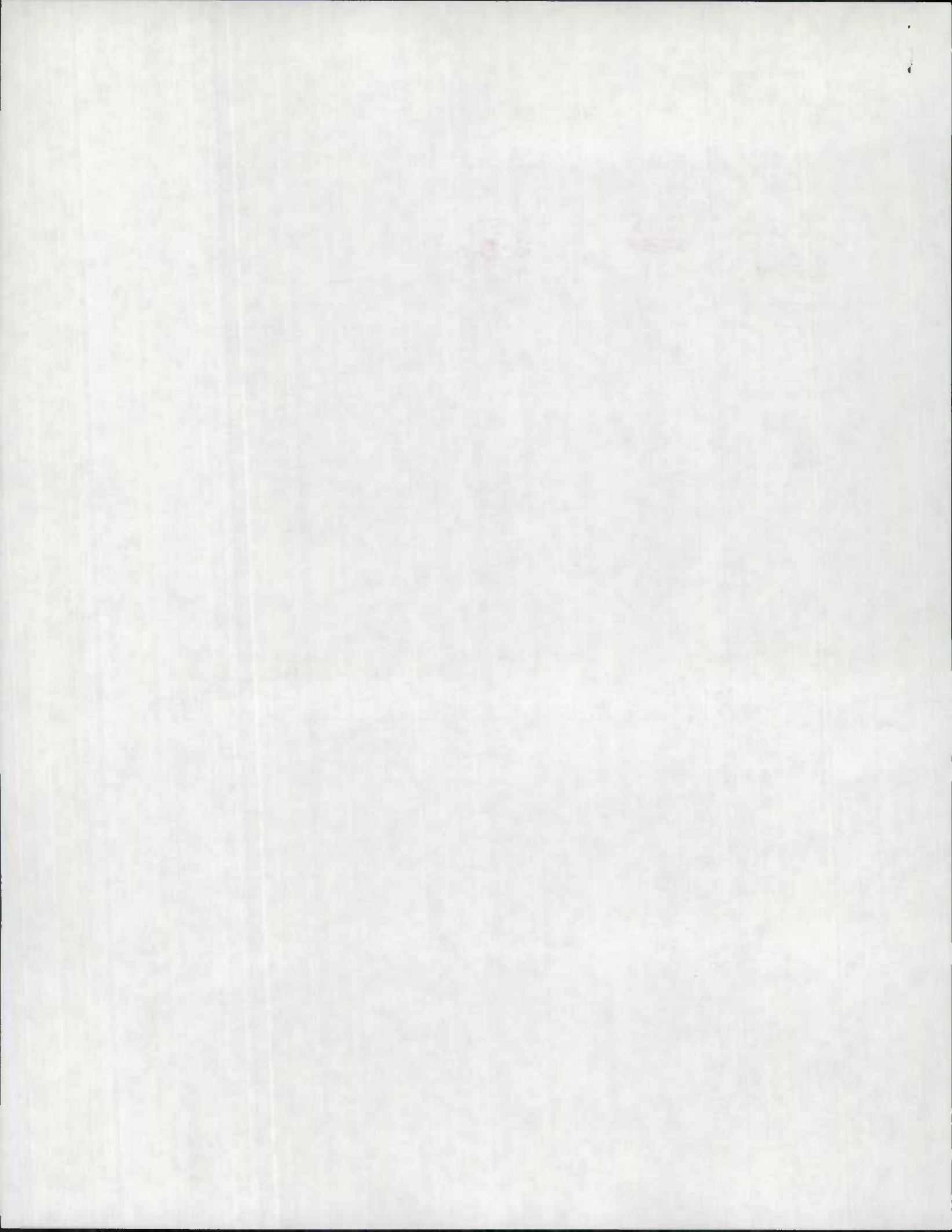




5

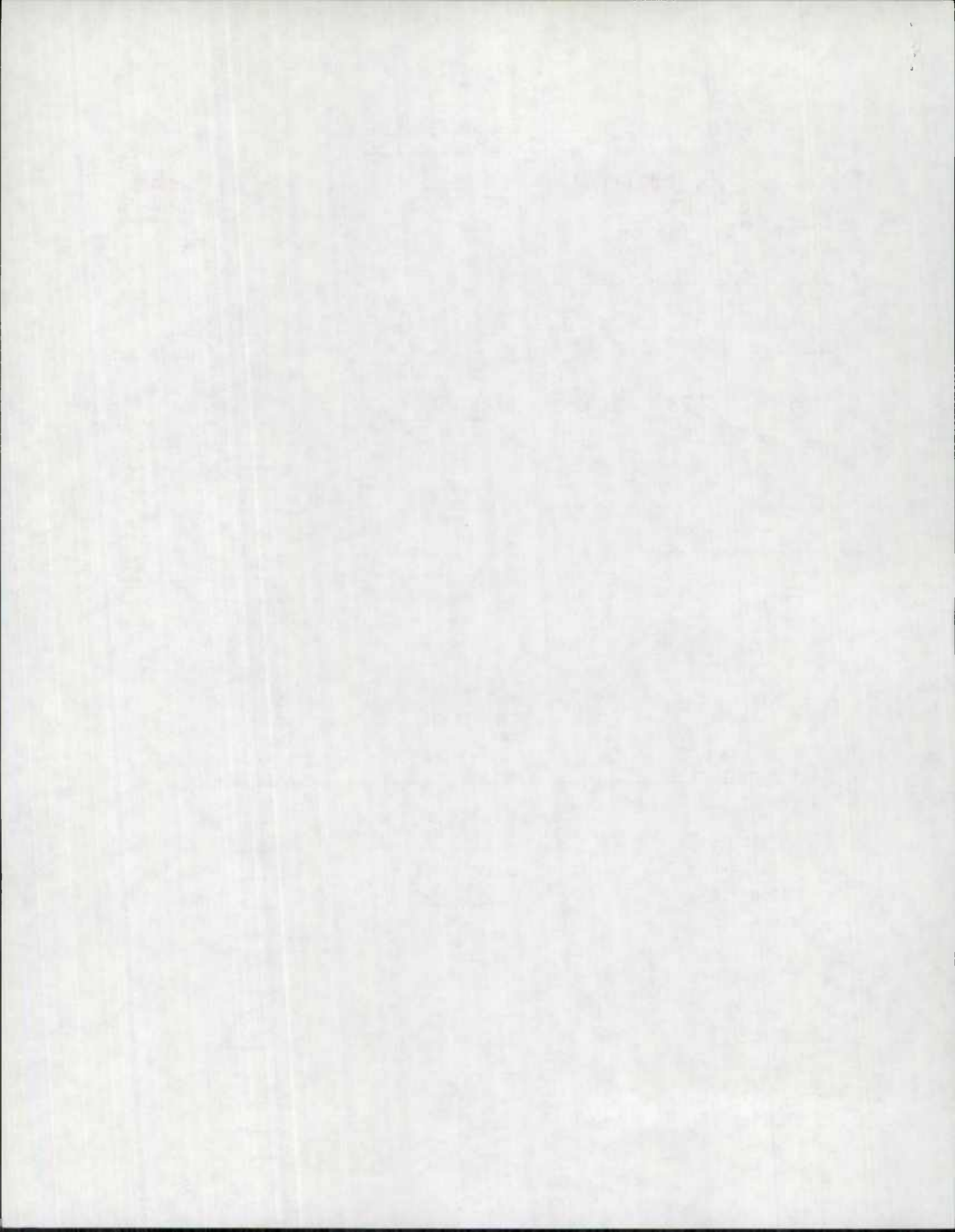
1







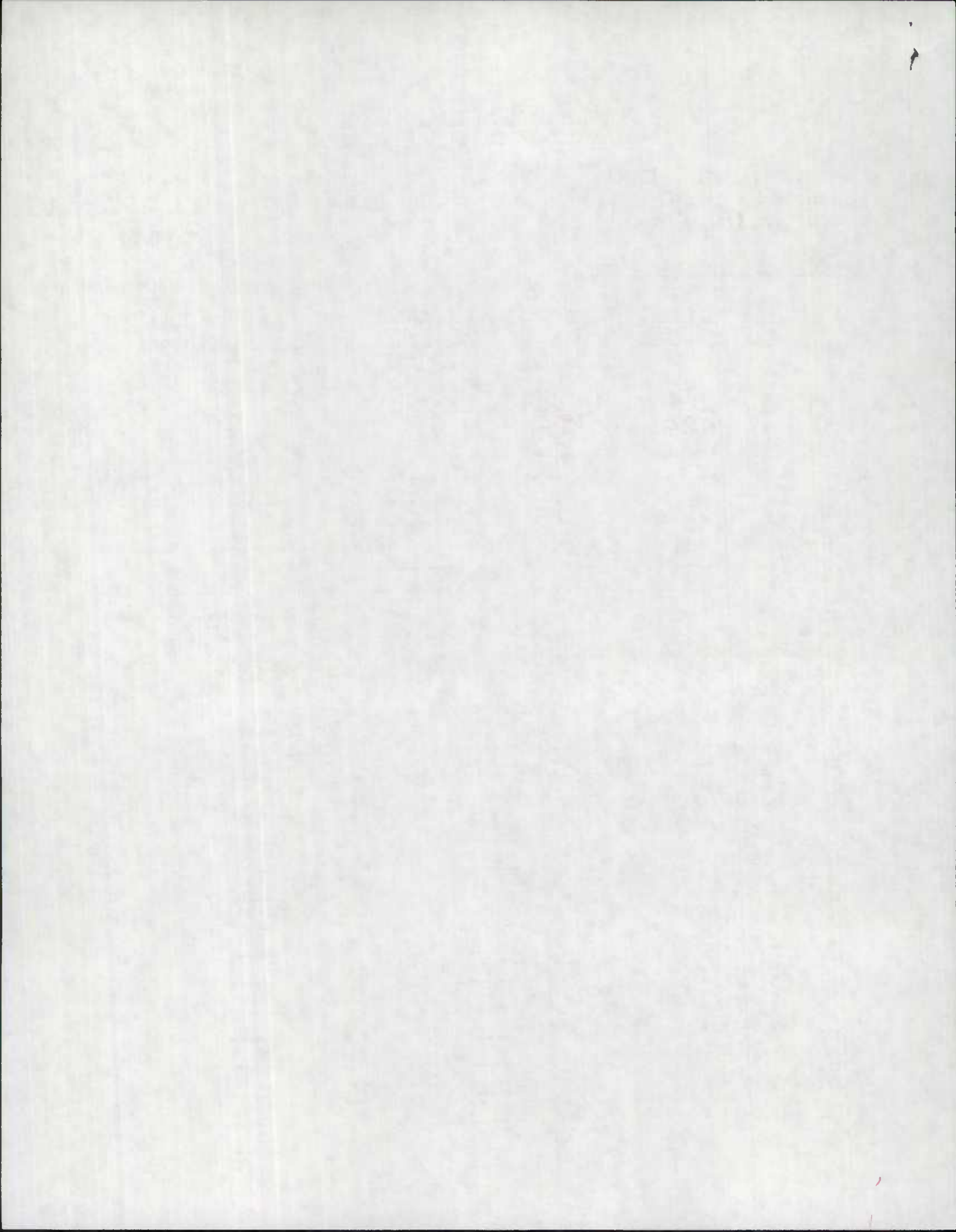






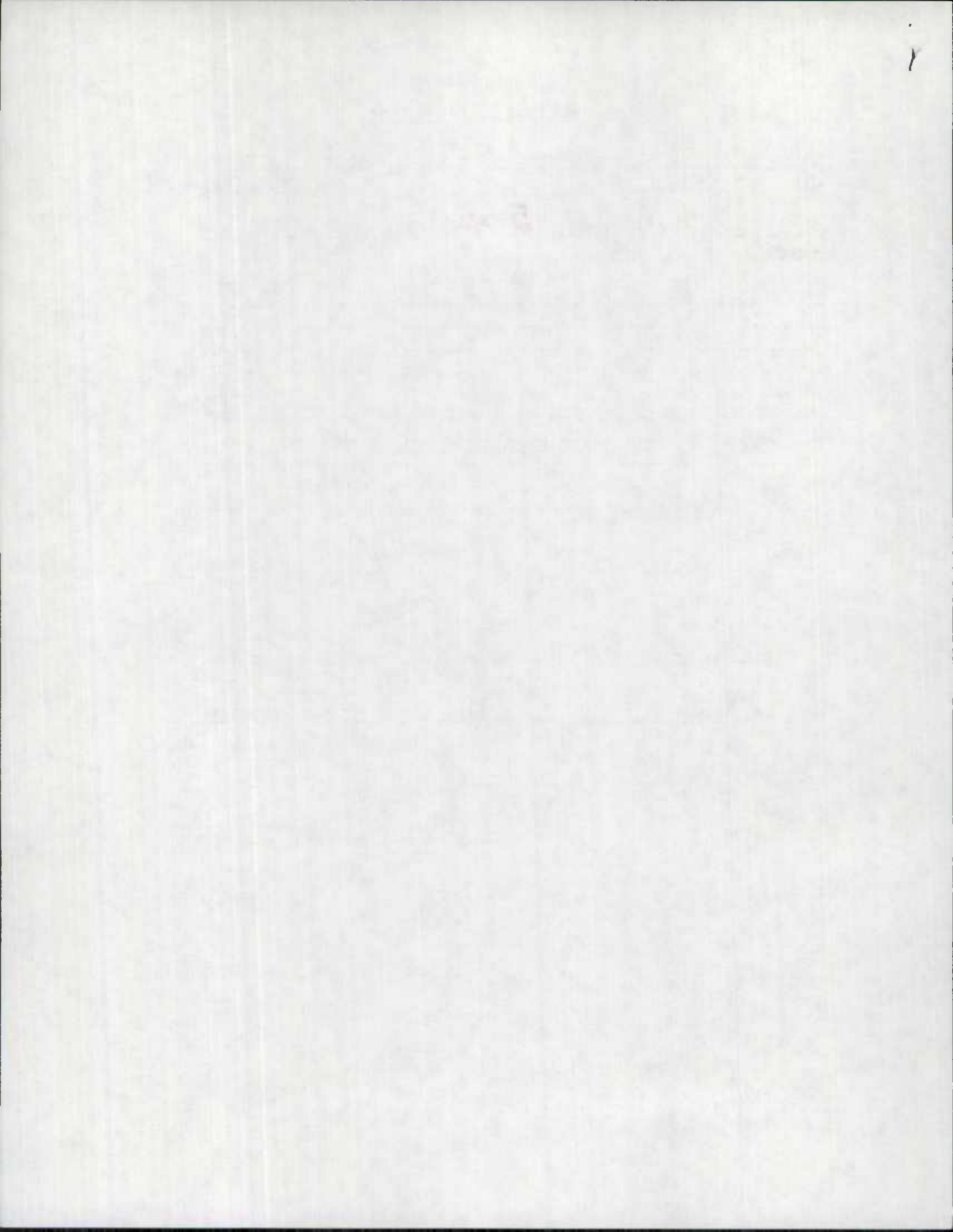












✓ 11/10

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

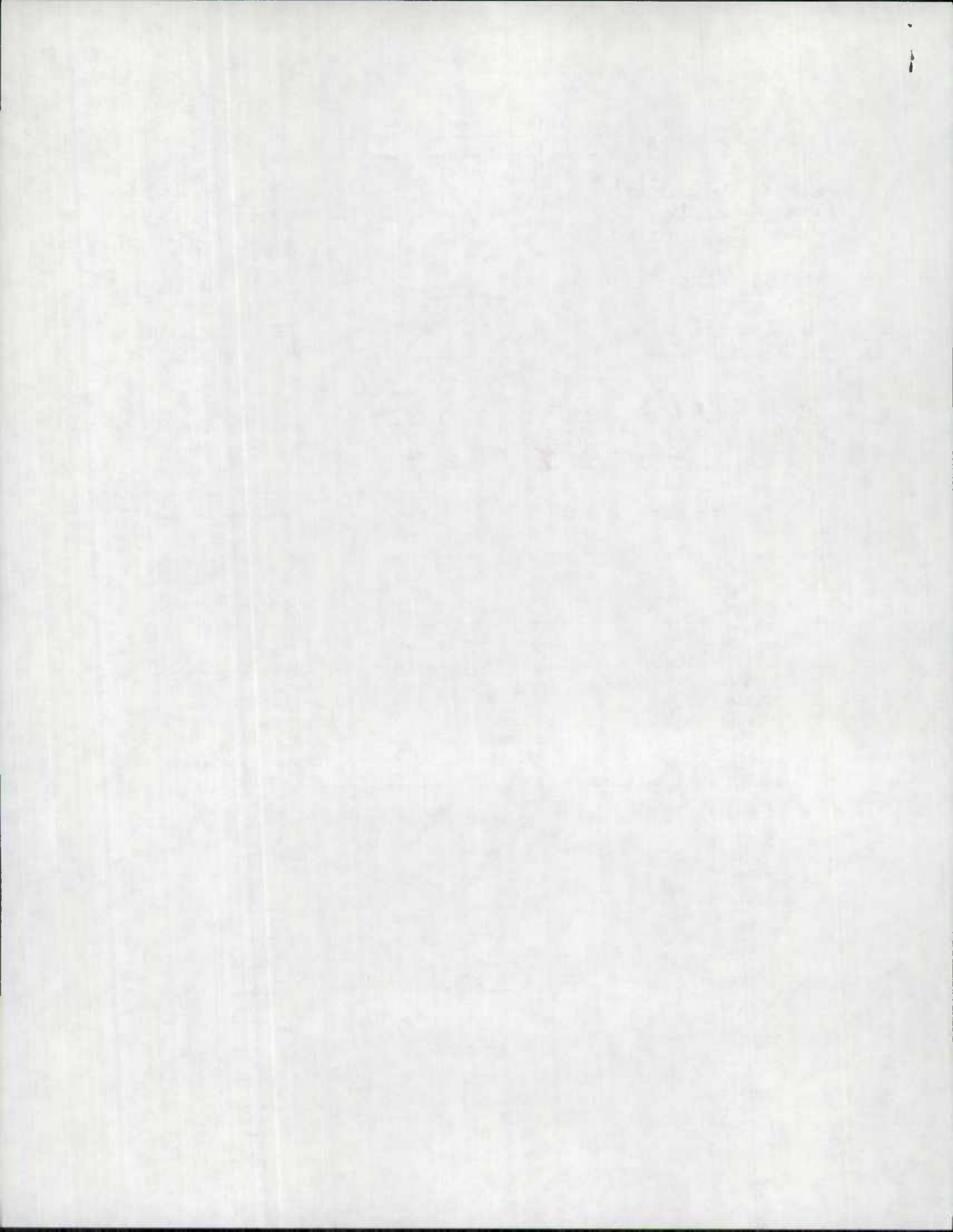
Route No: CO 0141  
 Sample No: 15  
 County: 15 (mry)

Starting Mile Pt: 1.55  
 Ending Mile Pt: 1.76  
(0.21)

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>Ordi. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>8606</u>	<u>99.5</u>	<u>4.0</u>	-----
<u>606</u>	<u>937</u>	<u>100</u>	<u>0</u>	-----
<u>937</u>	<u>1109</u>	<u>99.5</u>	<u>3.7</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.	28+	-----	-----



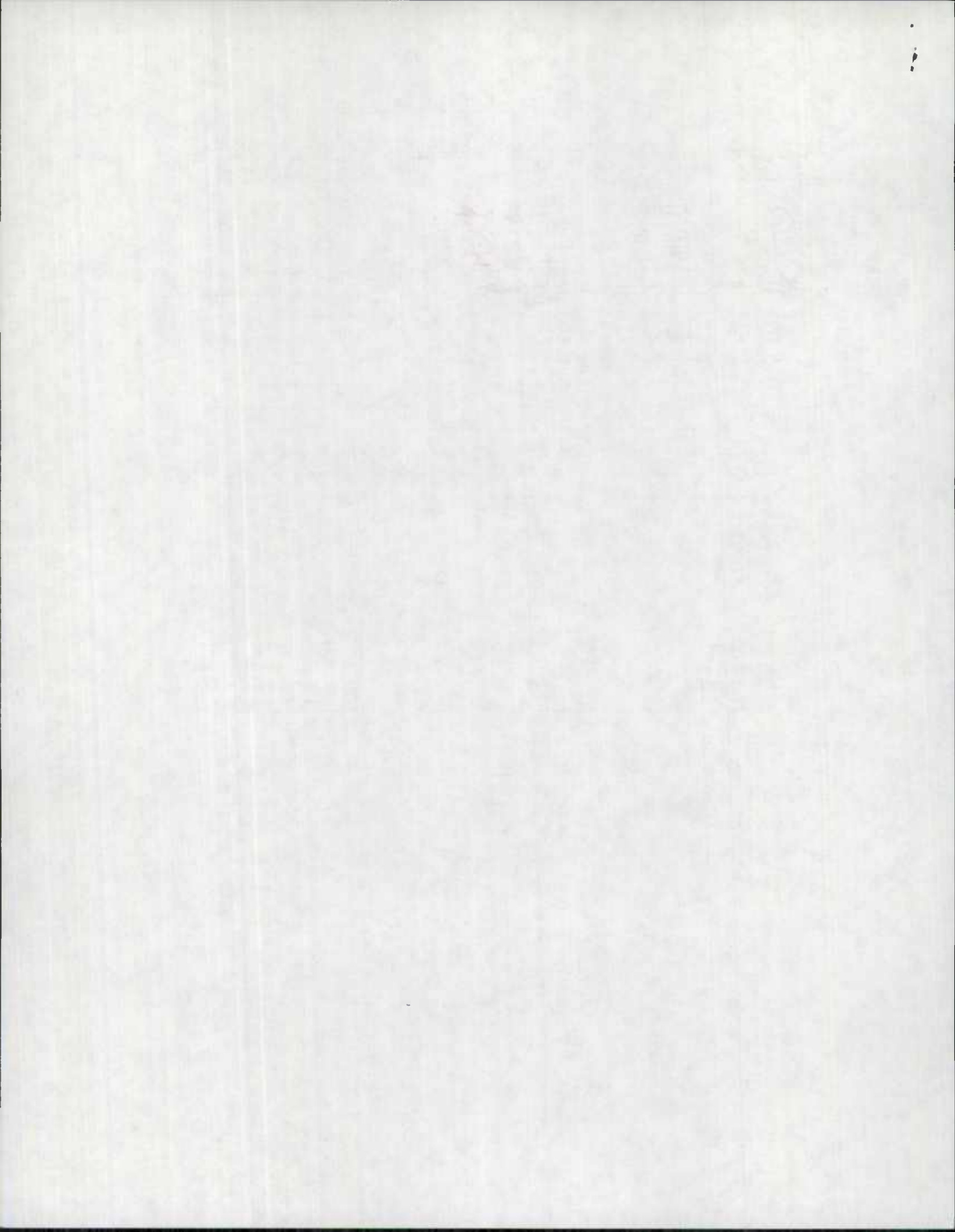
Vertical Curve Section

<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	376	-5.7%	-----
376	606	0%	-----
606	937	+5.7%	-----
<del>1487</del>		<del>-----</del>	-----
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937	1119	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	-----	-----
b.	0.5-2.4	-----	-----
c.	2.5-4.4	-----	-----
d.	4.5-6.4	-----	-----
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----





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

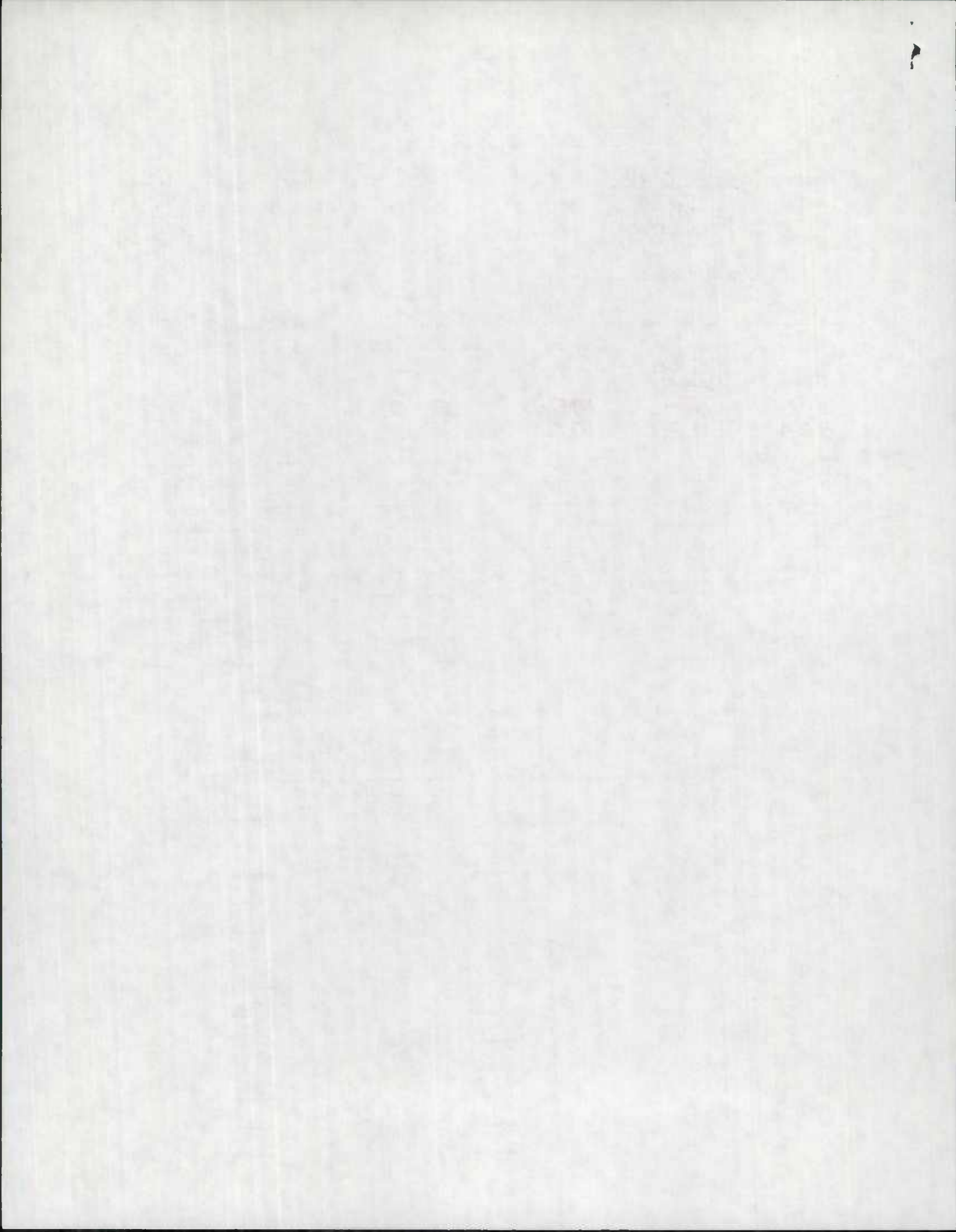
Route No: CO 0146  
 Sample No: 16  
 County: 15 (Mry.)

Starting Mile Pt: 1.76  
 Ending Mile Pt: 1.97  
(0.21)

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>524</u>	<u>109.8</u>	<u>2.0</u>	-----
<u>524</u>	<u>1109</u>	<u>10.0</u>	<u>5</u>	-----
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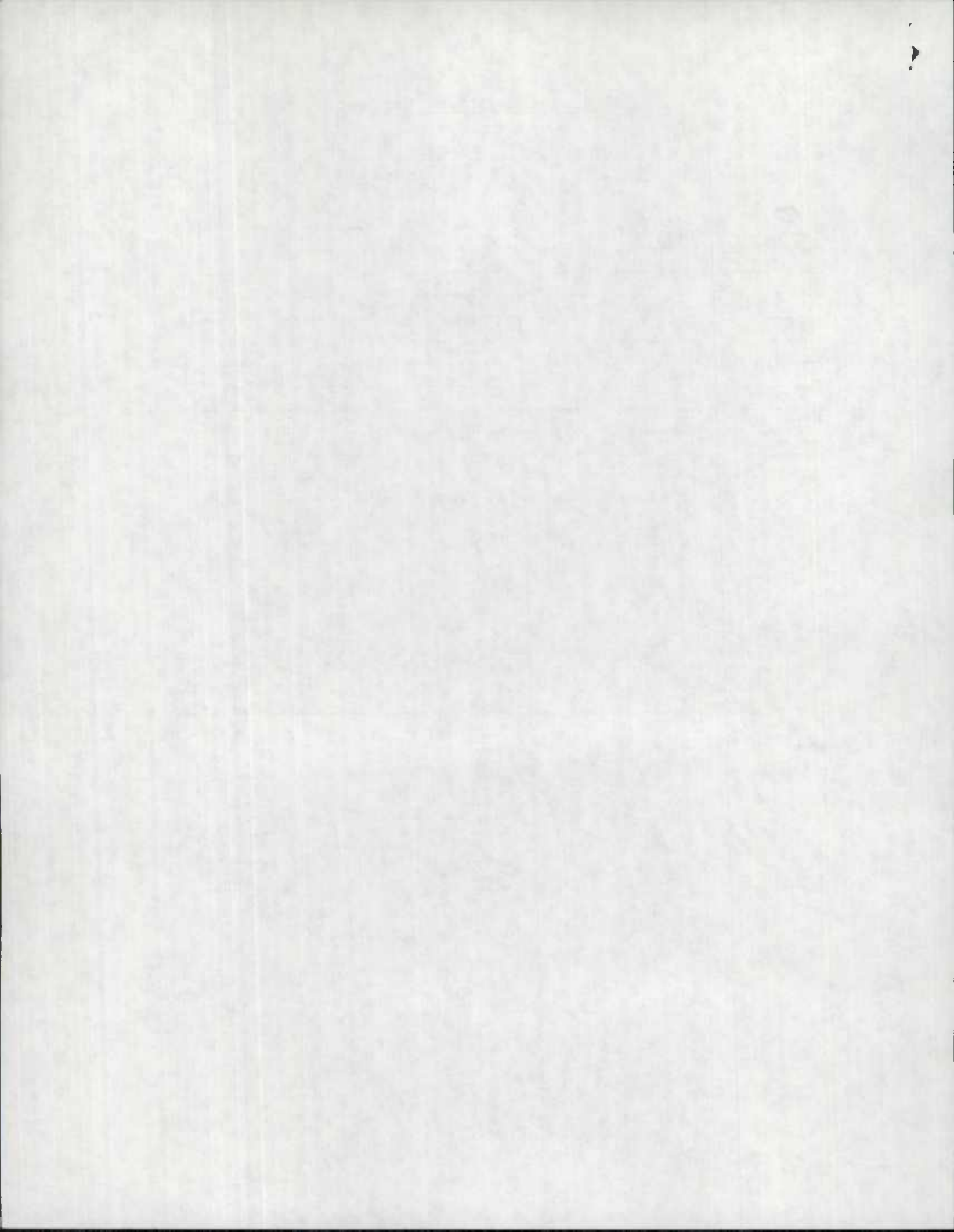
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	-----	-----
b.	0.5-1.4	-----	-----
c.	1.5-2.4	-----	-----
d.	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.	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)
<del>0</del>	534	+6.0%	-----
524	1109	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	-----	-----
b.	0.5-2.4	-----	-----
c.	2.5-4.4	-----	-----
d.	4.5-6.4	-----	-----
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----

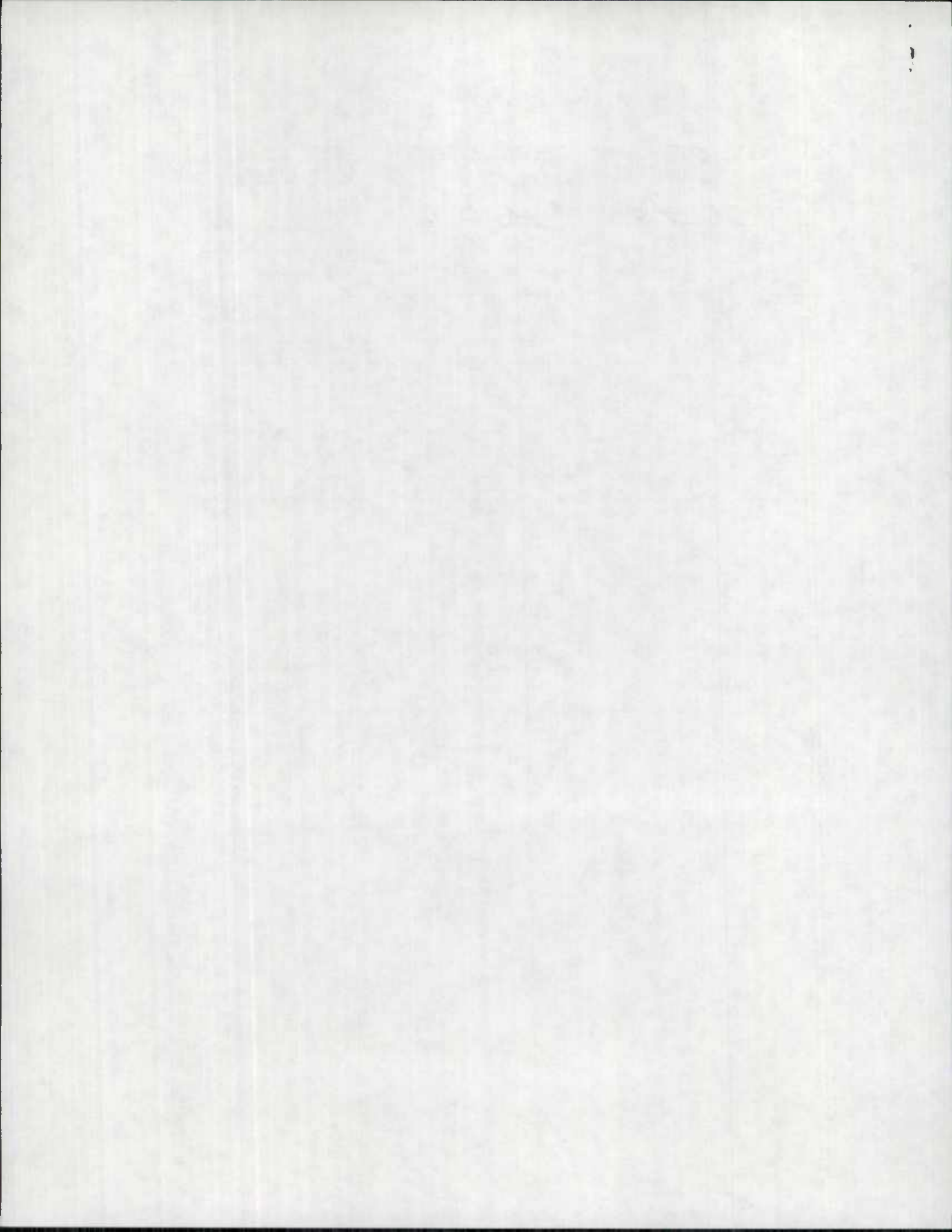






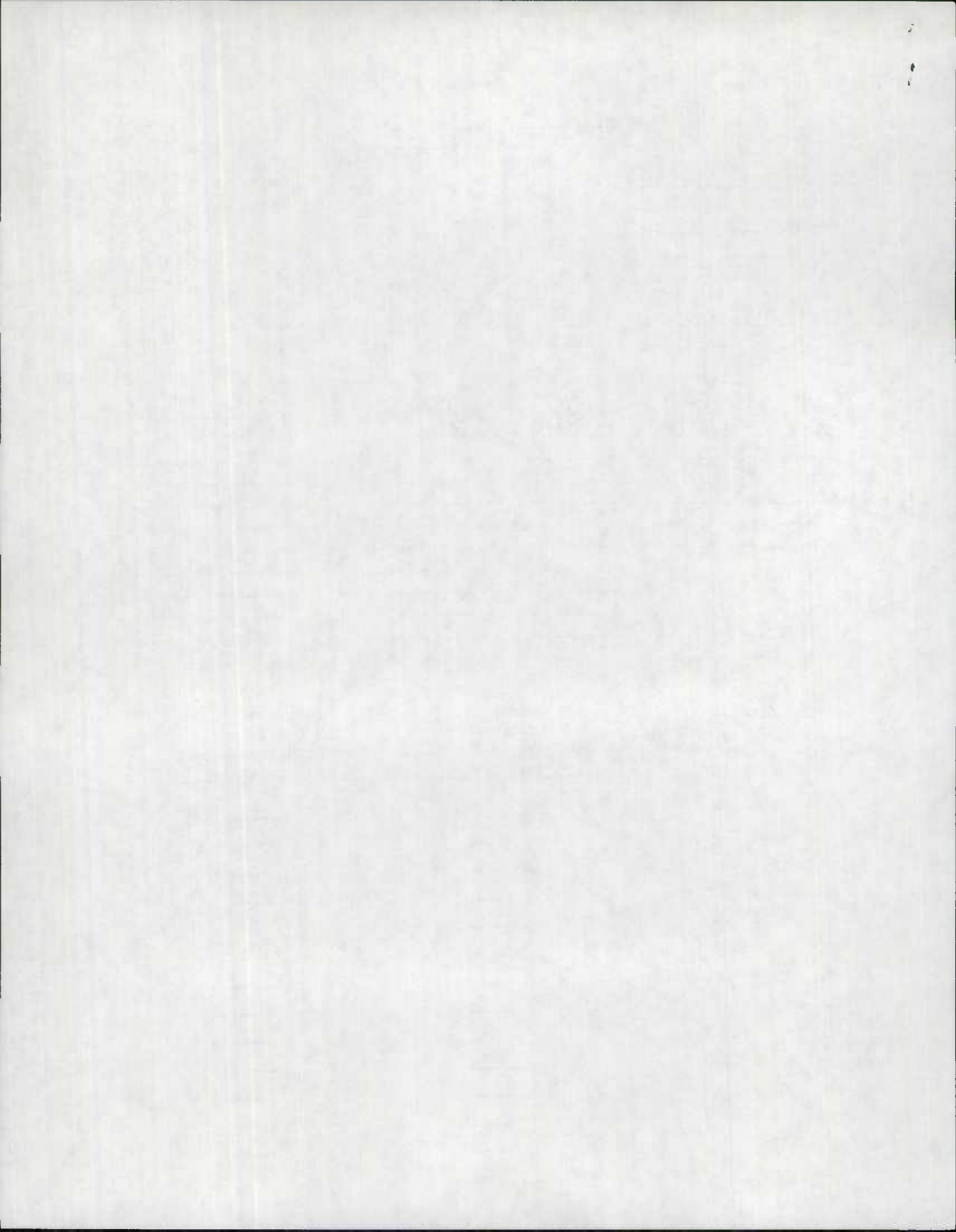








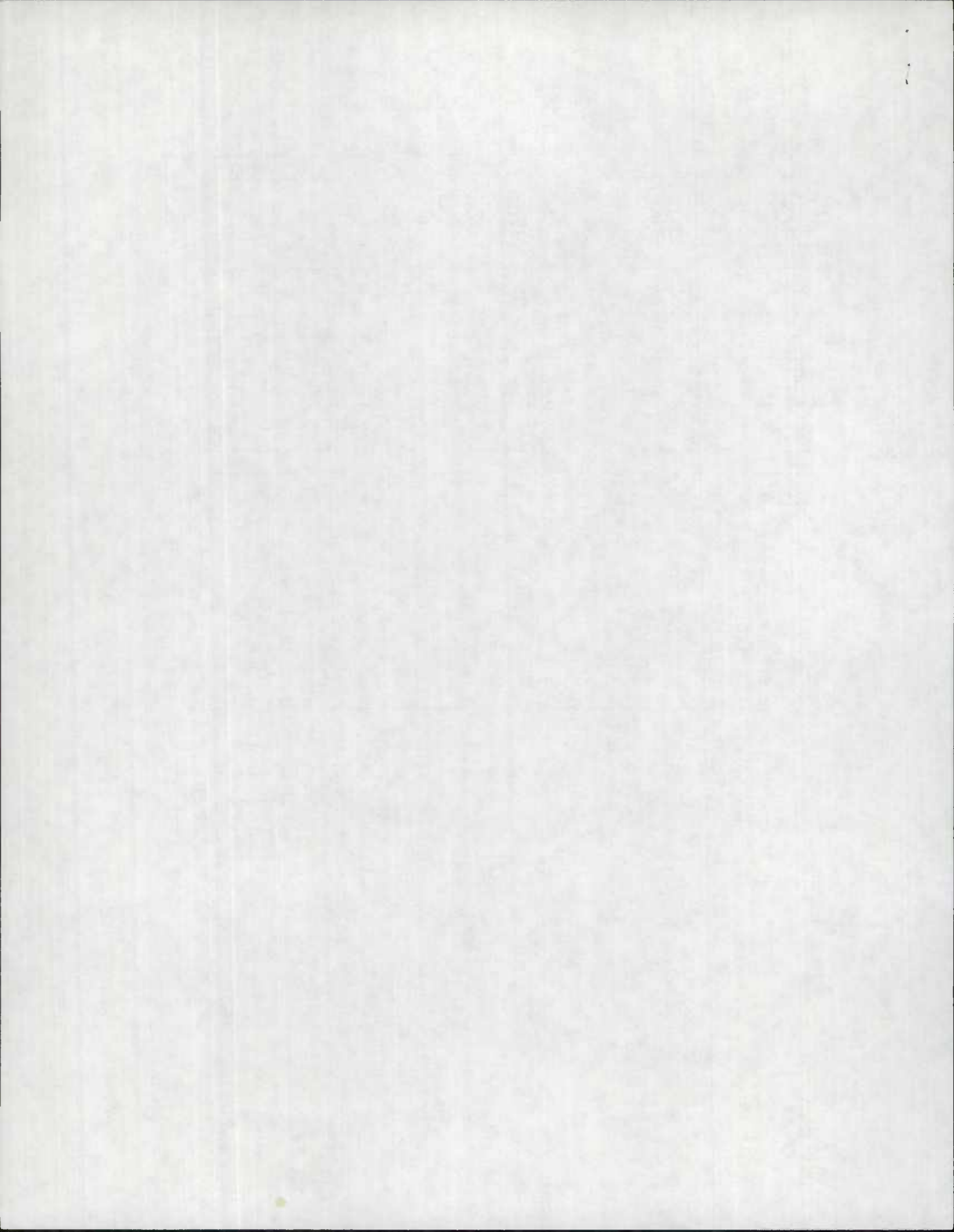




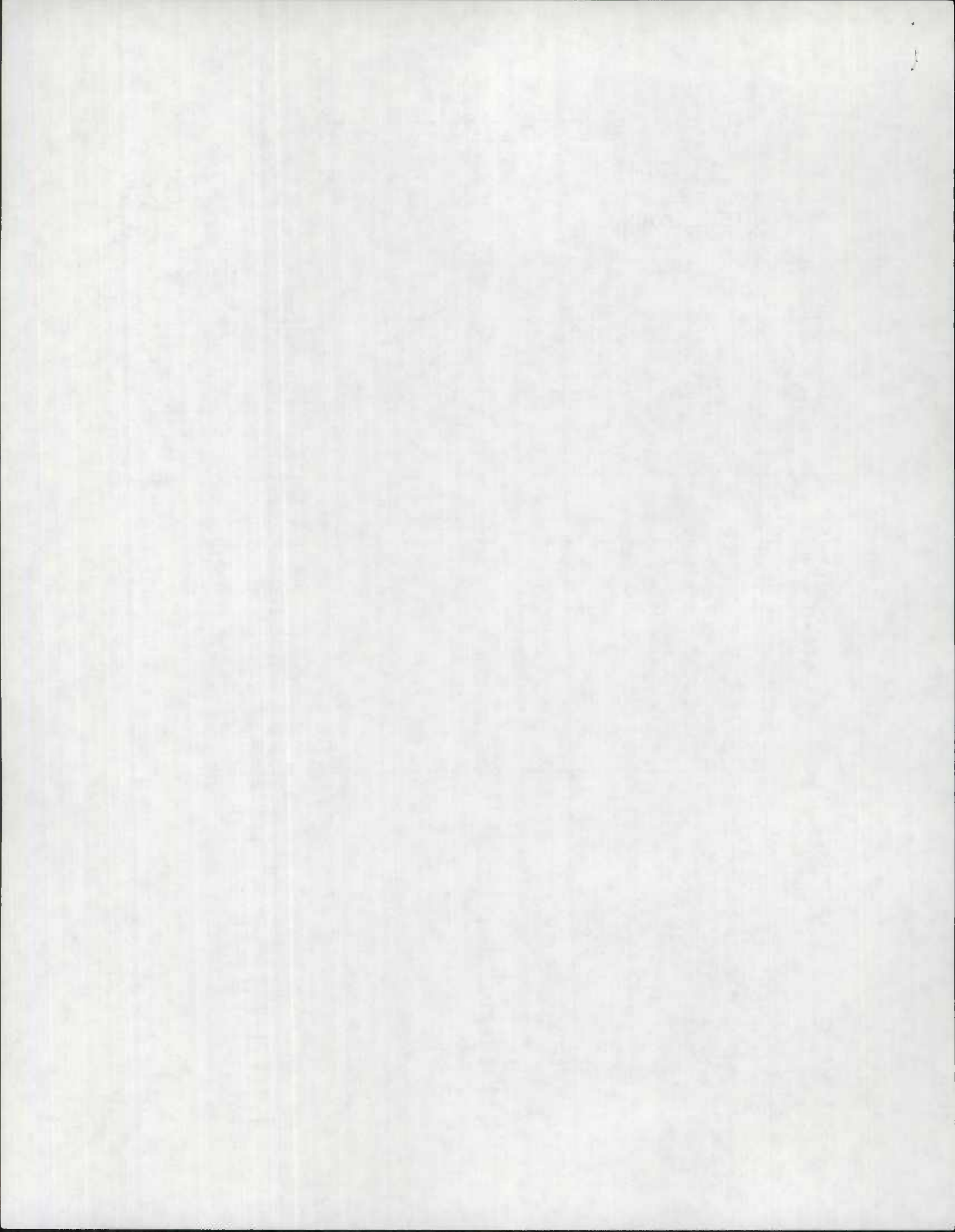
Vertical Curve Section

<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	121	+6.0%	
121	110	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	-----	-----
b.	0.5-2.4	-----	-----
c.	2.5-4.4	-----	-----
d.	4.5-6.4	-----	-----
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----





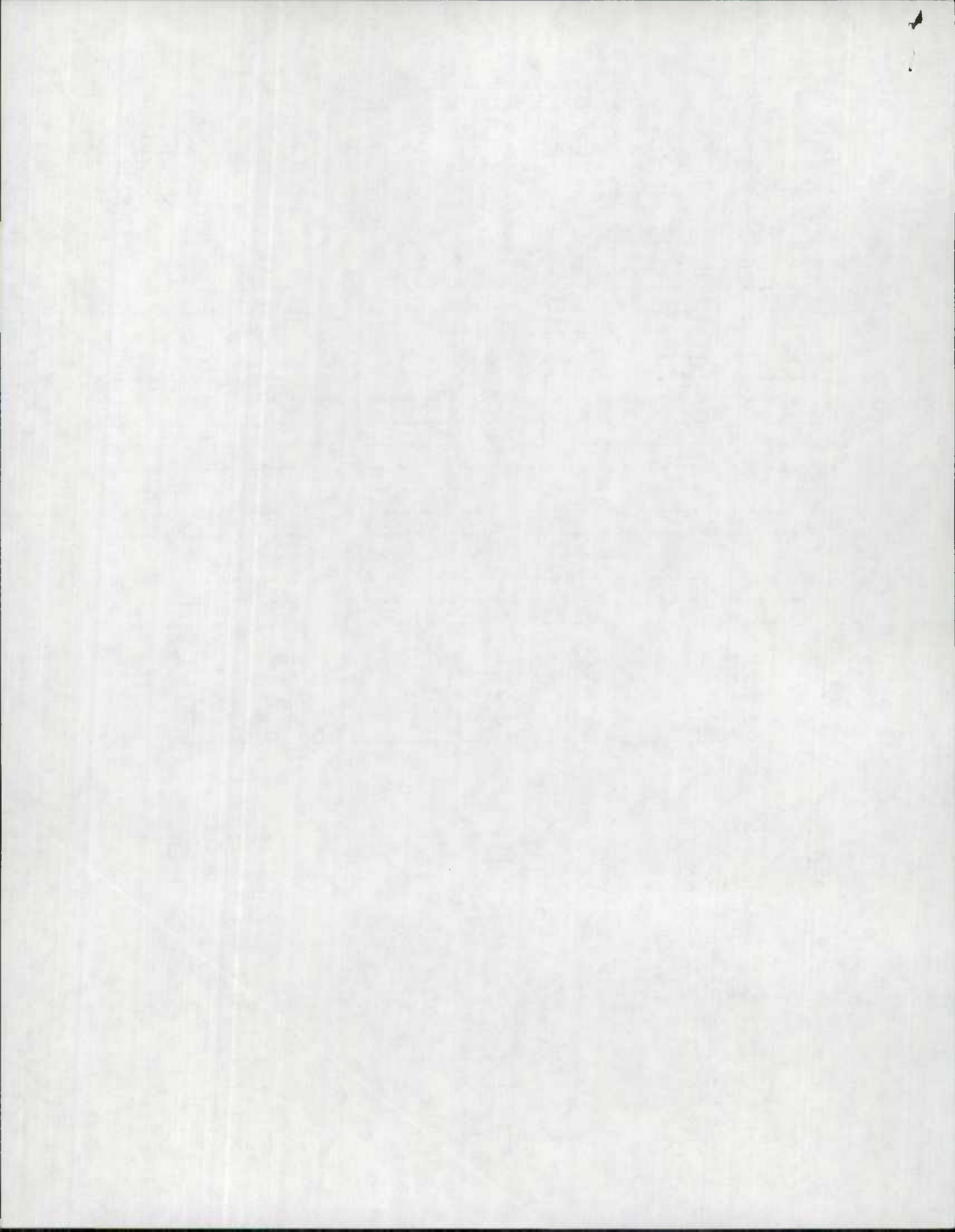






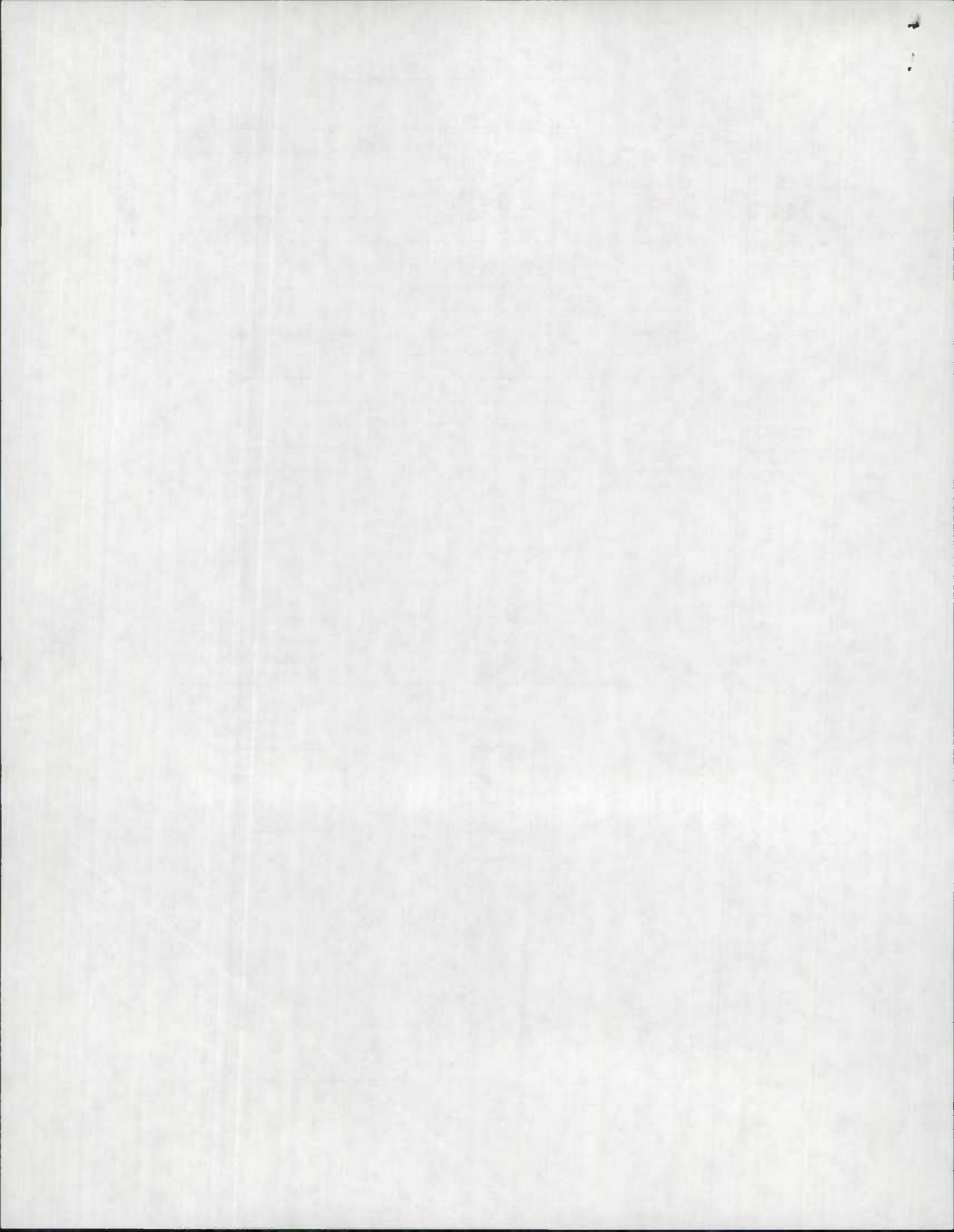












CURVE - GRADE DATA COLLECTION  
NON - STATE ROADS - FY - 1992

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Route No: CO 0144  
 Sample No: 21  
 County: 15

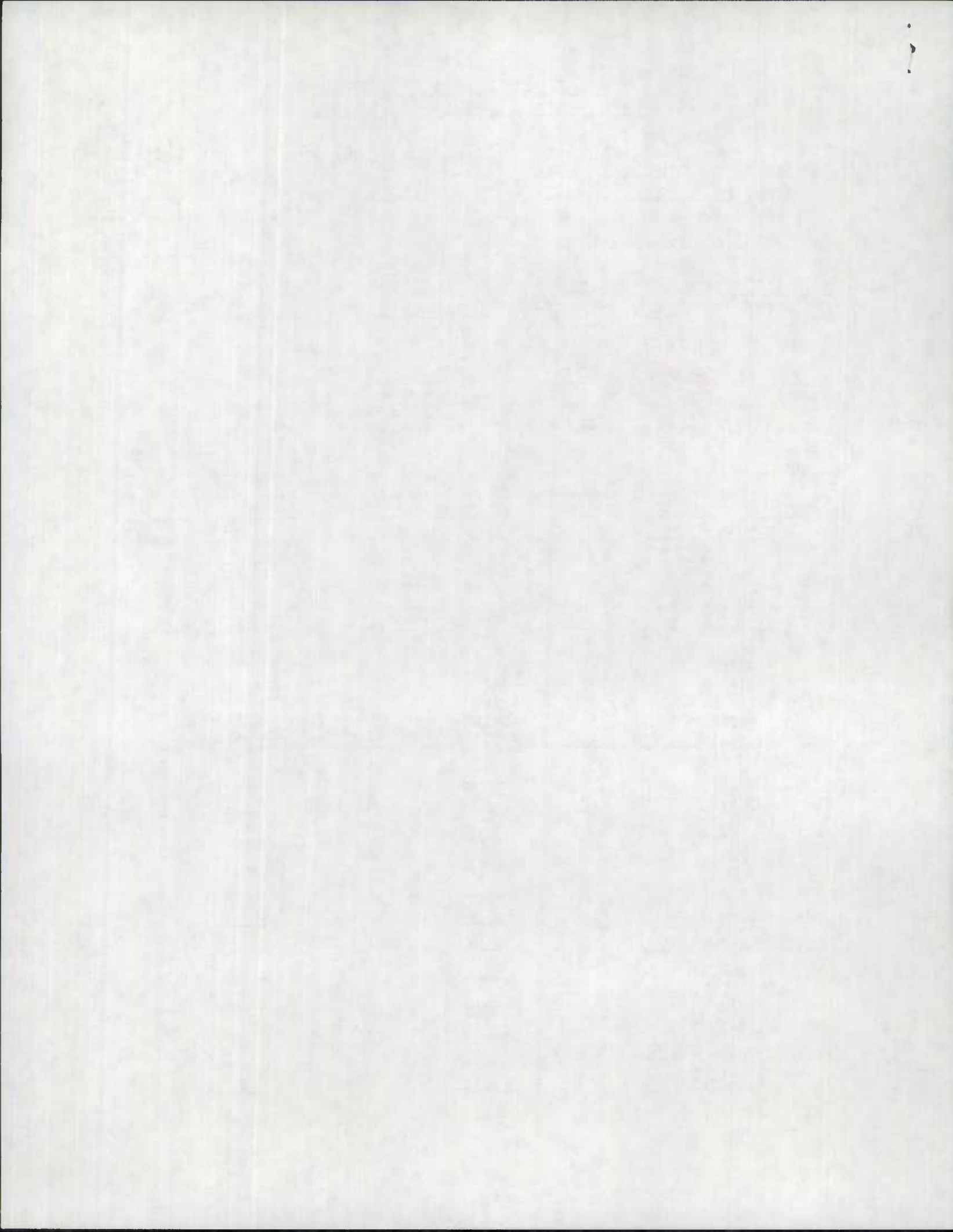
Starting Mile Pt: 1.55  
 Ending Mile Pt: 1.79

(0.24)

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>
0	<del>1267</del>	100	0	
0	684	100	0	
0	581	100	0	

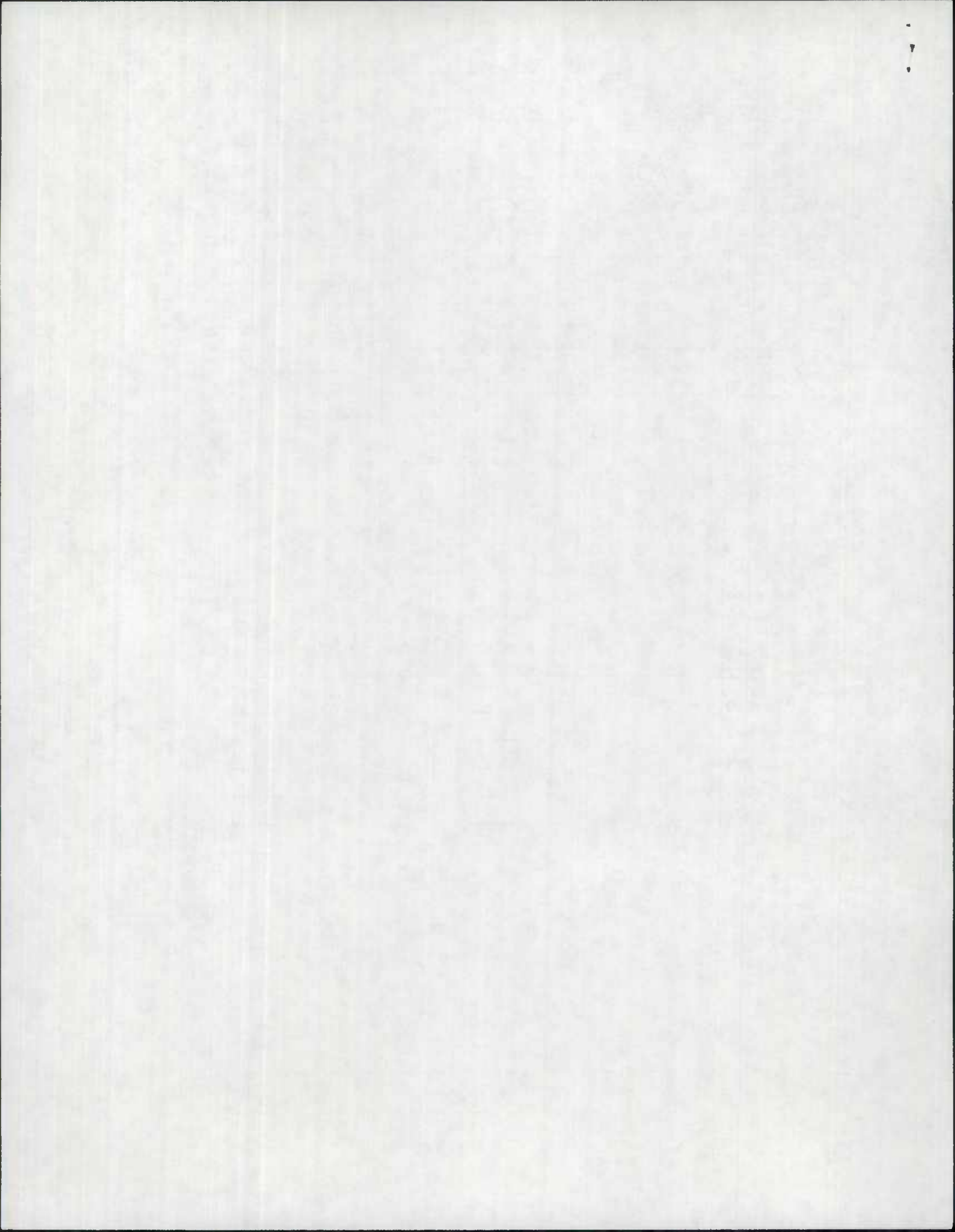
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	_____	_____
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.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



Vertical Curve Section

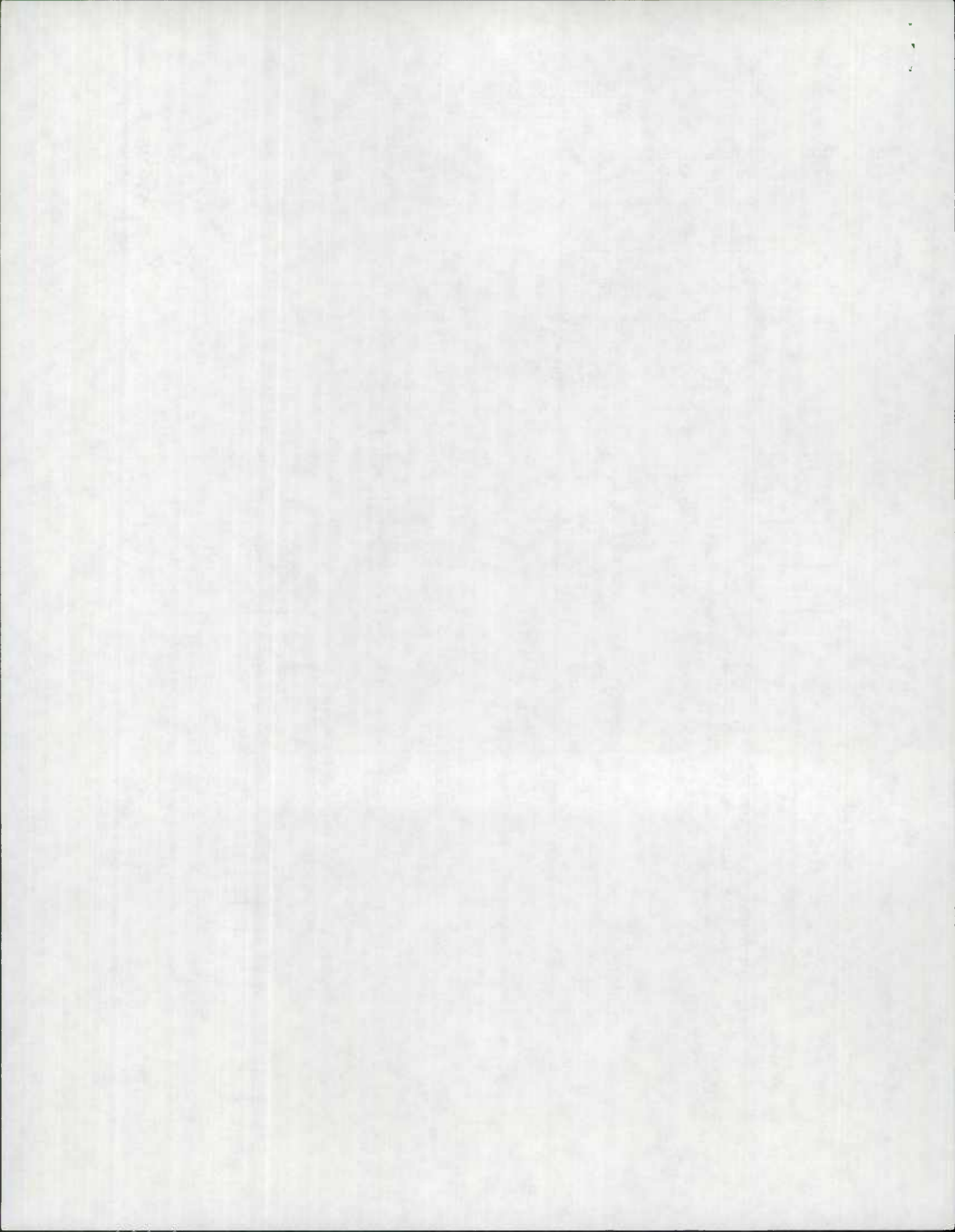
	<u>Start Pt.</u> (in ft.)	<u>End Pt.</u> (in ft.)	<u>Gradient Percent</u>	<u>Length of Curve</u> (in x.xx miles)
	0	673	-7.3%	
	673	1267	0%	
①	0	684	7.3%	
②	0	581	0%	

	<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-	_____	_____

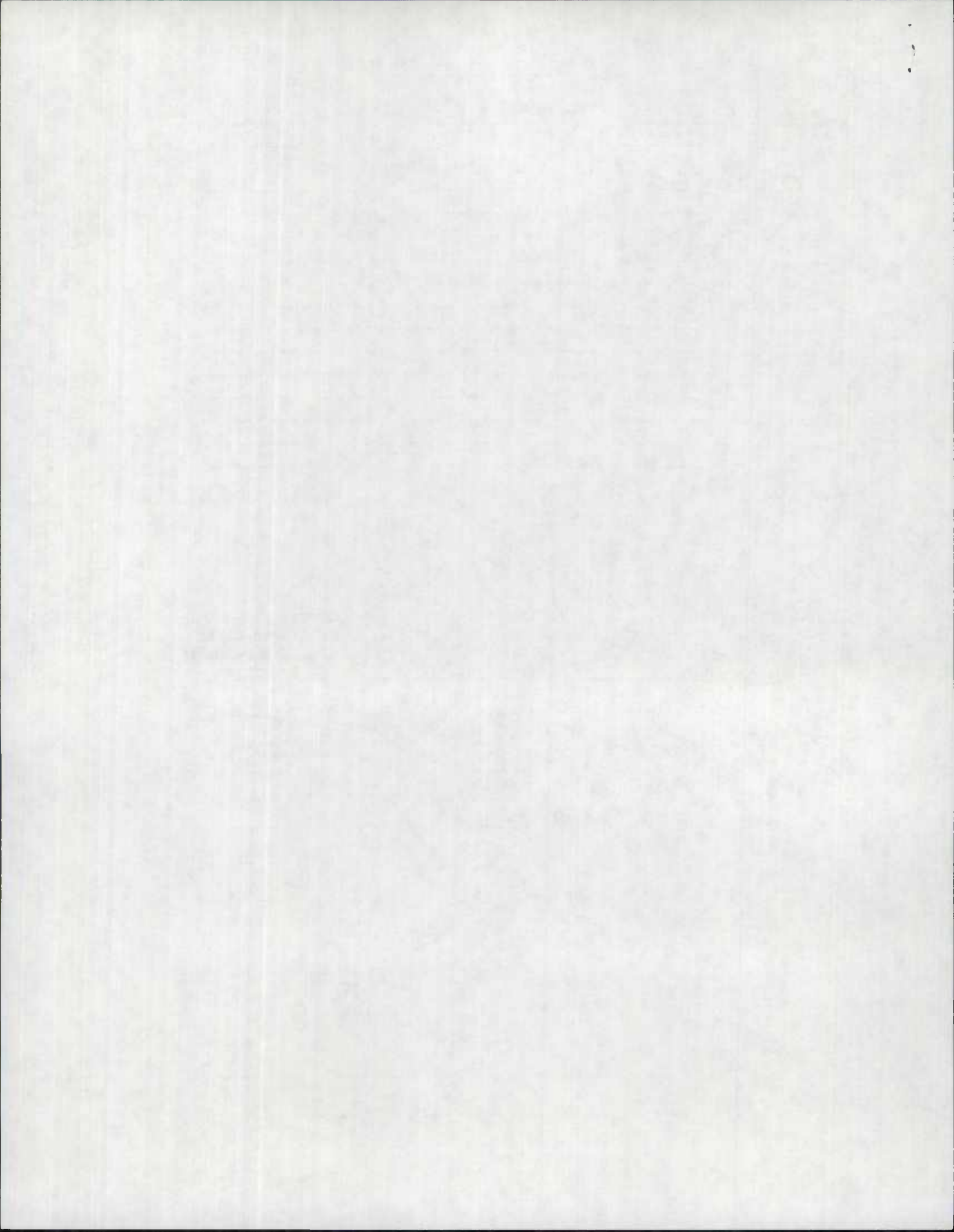












CURVE - GRADE DATA COLLECTION  
NON - STATE ROADS - FY - 1992

Route No: CO 0144  
 Sample No: 23  
 County: 15

Starting Mile Pt: 1.84  
 Ending Mile Pt: 2.18  
(0.34)

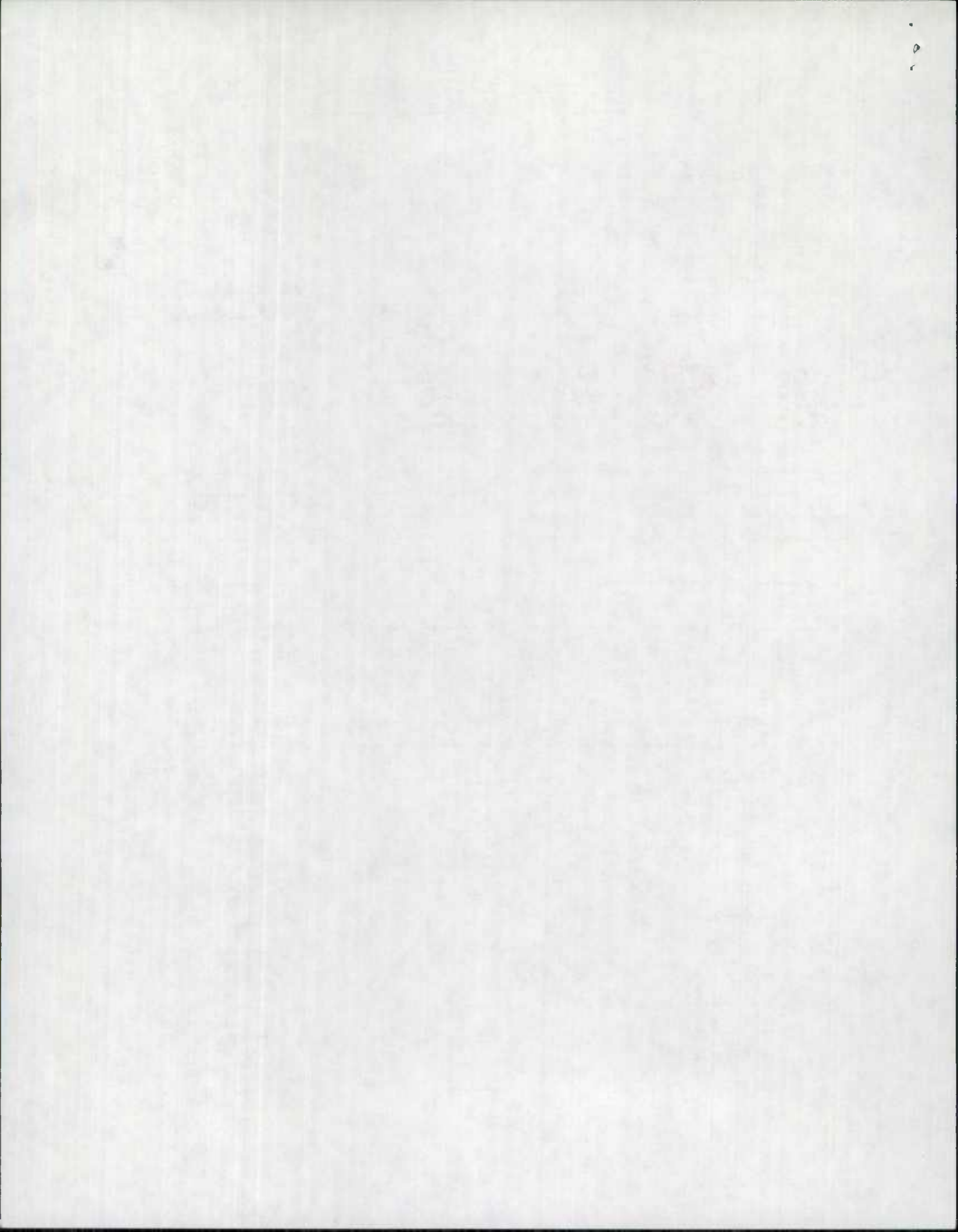
Horizontal Curve Section

9.5  
 8

<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>493</u>	<u>100</u>	<u>0</u>	
<u>493</u>	<u>721</u>	<u>99.9</u>	<u>1.2</u>	
<u>721</u>	<u>1795</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.	28+	-----	-----









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

Route No: CO 0144  
 Sample No: 24  
 County: B

Starting Mile Pt: 2.44  
 Ending Mile Pt: 2.81

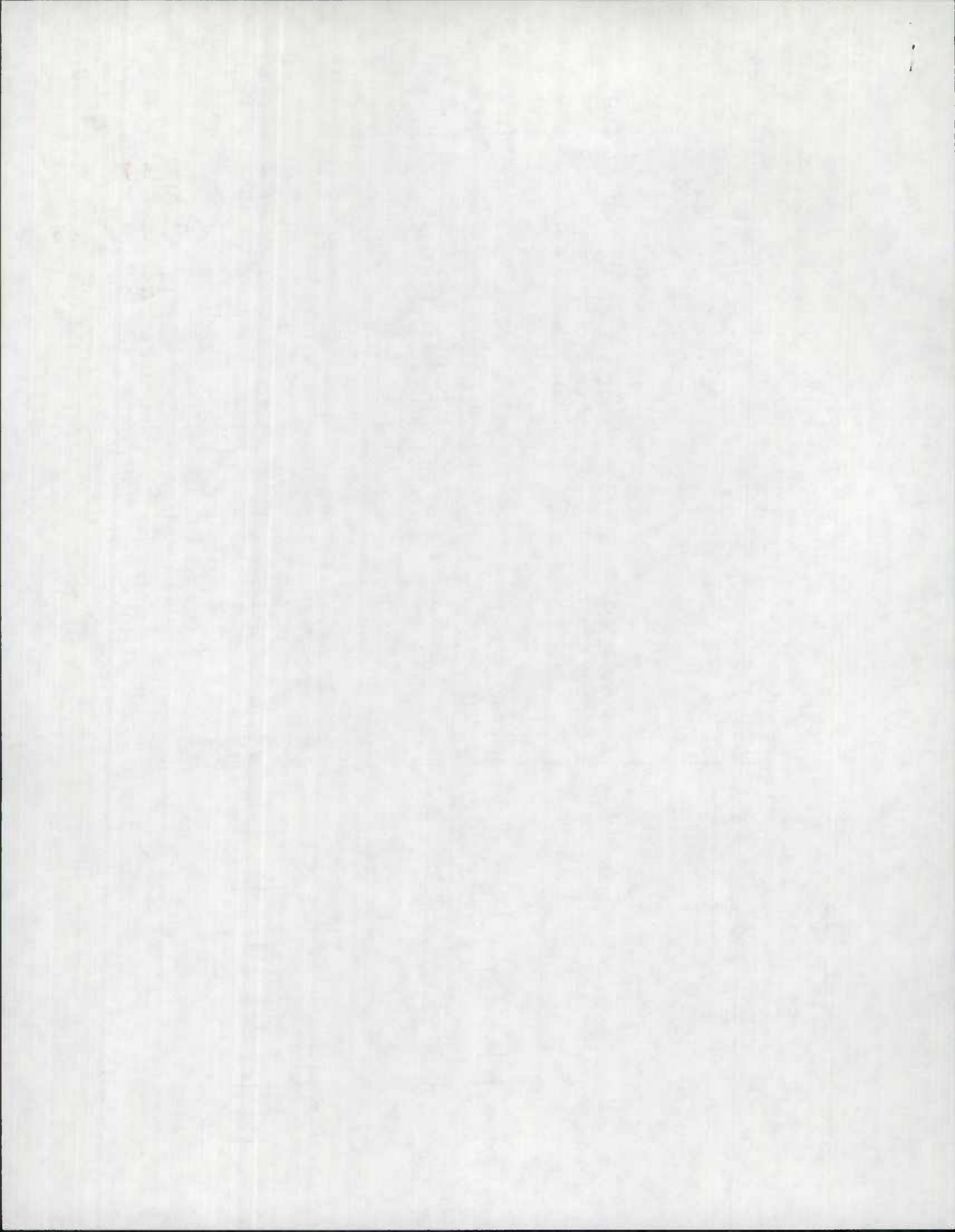
(0.40) 0.149

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>2112</u>	<u>100</u>	<u>0</u>	
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+25

	<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.	28+	-----	-----

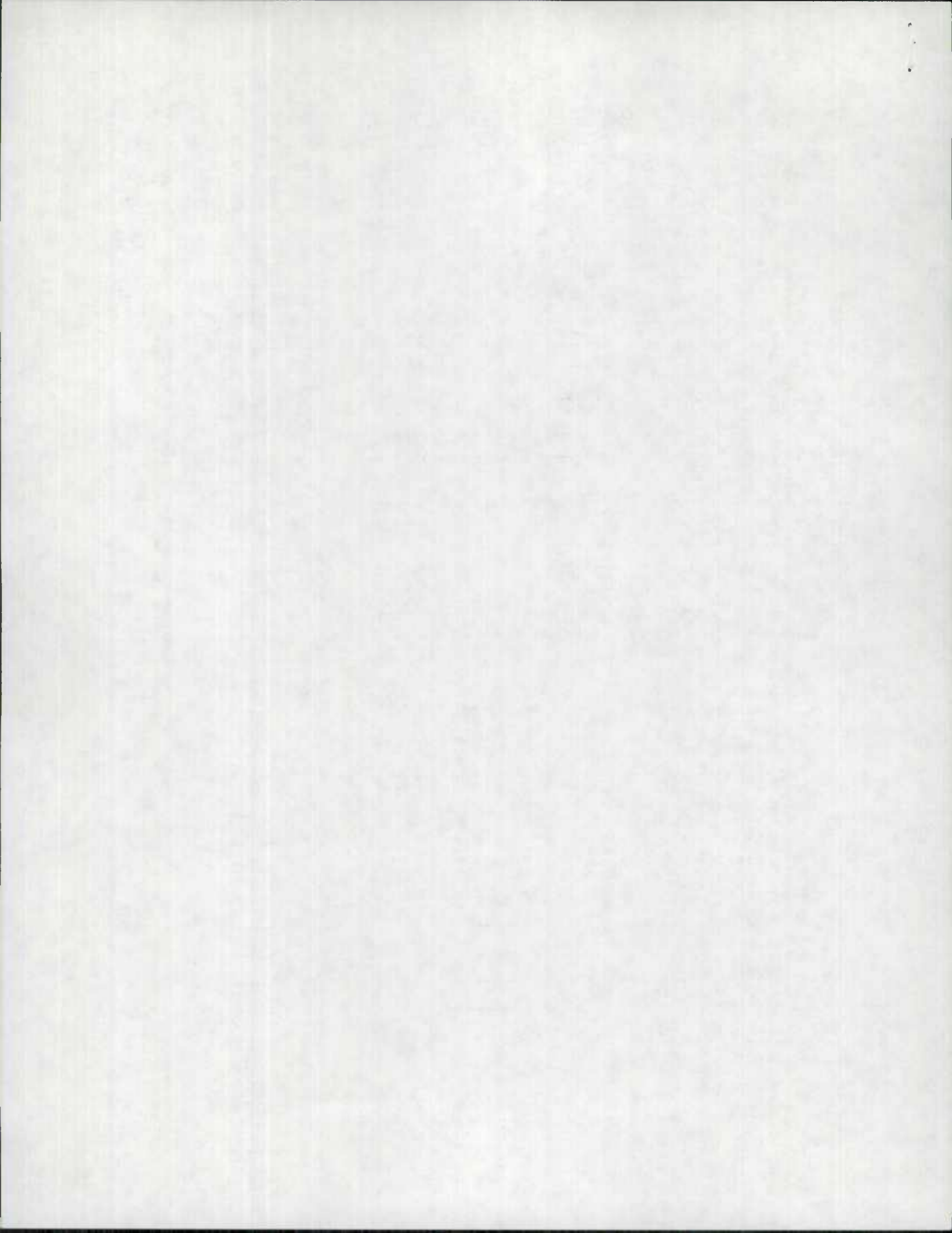






*[Handwritten signature]*











✓ 10/10

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

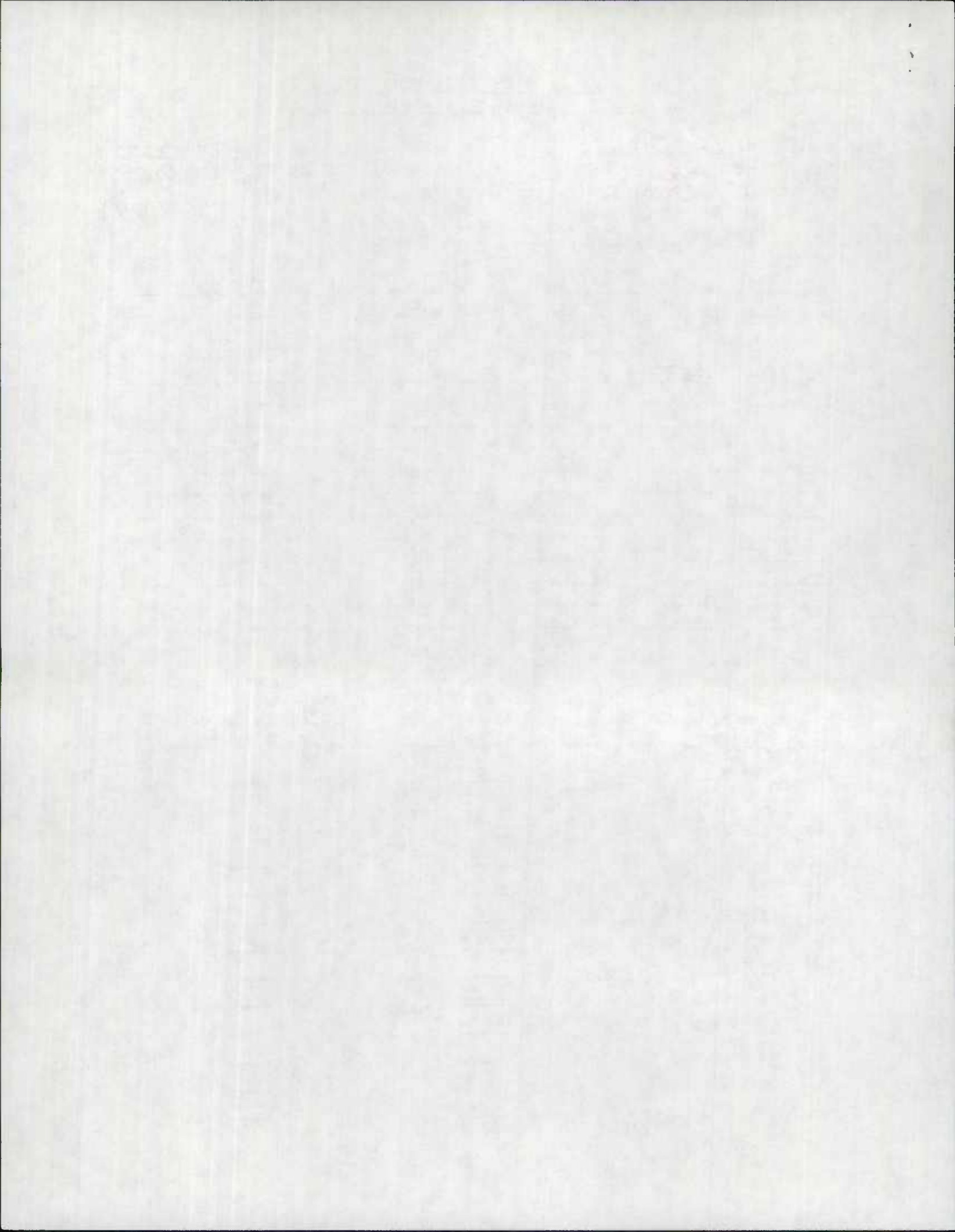
Route No: CO 0106  
 Sample No: 26  
 County: IS (mry)

Starting Mile Pt: 0.00  
 Ending Mile Pt: 0.09  
 (0.09)

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>4477</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.	28+	-----	-----









11/10

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

46-55  
 55-72

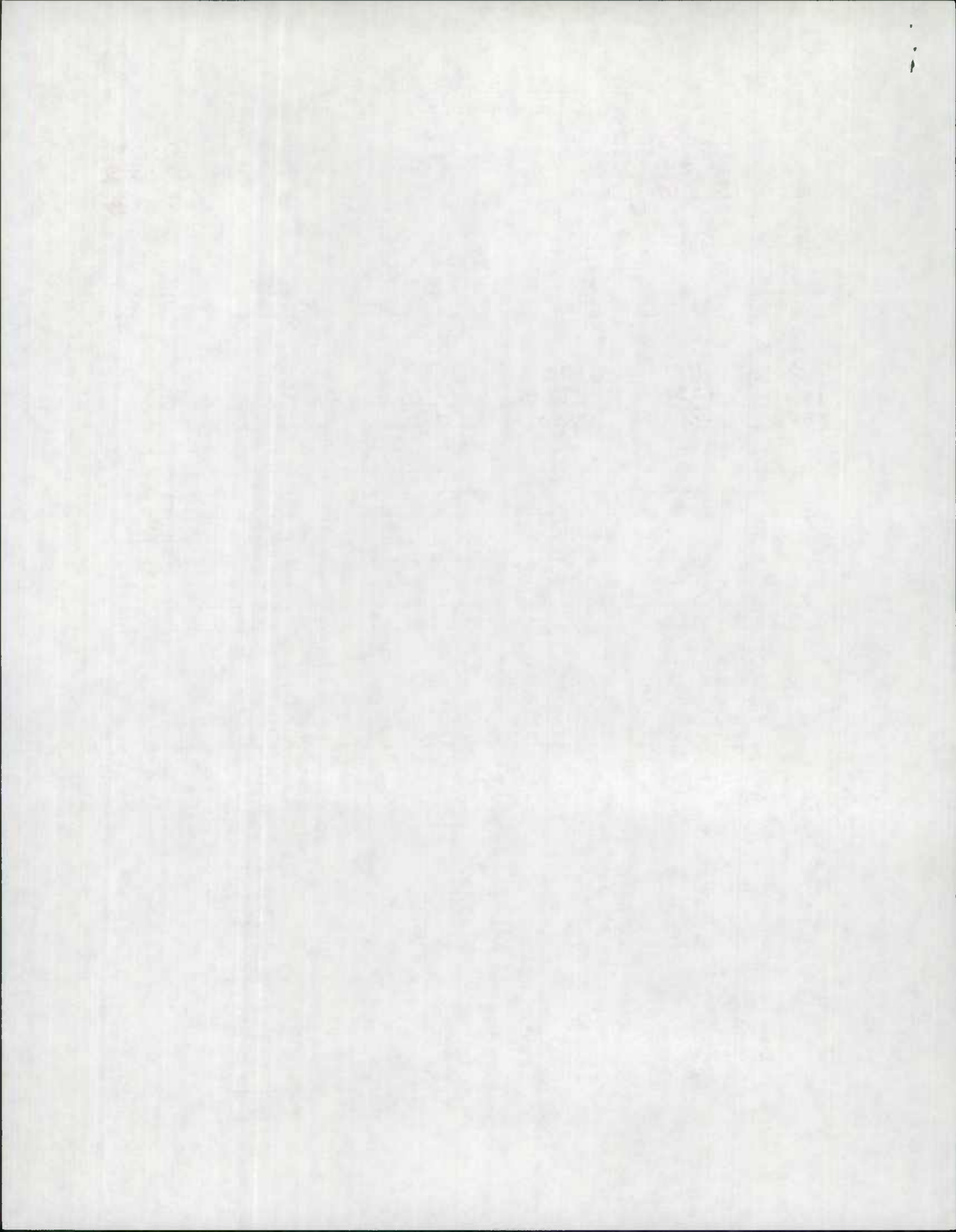
Route No: 00 0166  
 Sample No: 27  
 County: 15 (Mry)

Starting Mile Pt: 0.09  
 Ending Mile Pt: 0.72  
(0.63)

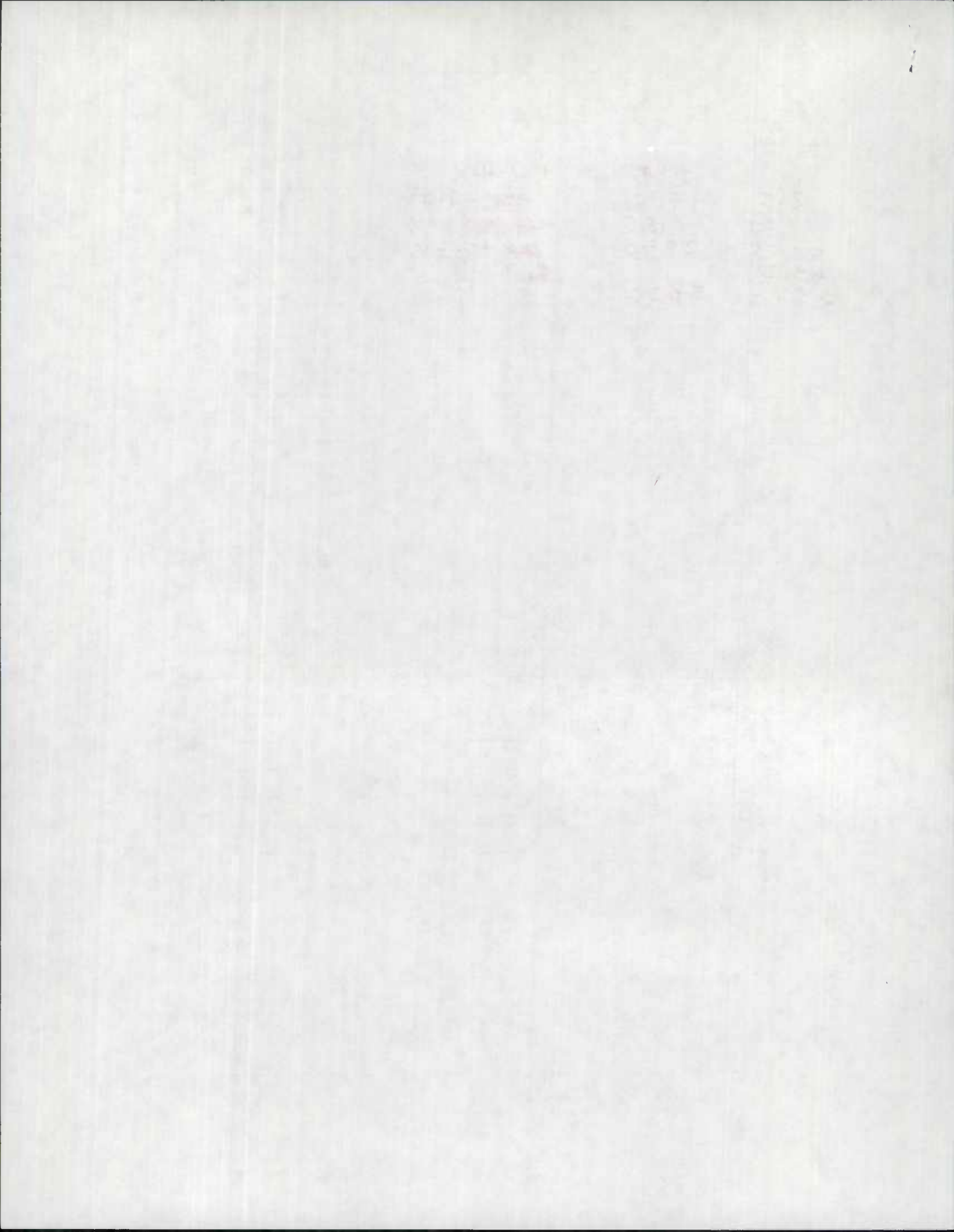
Horizontal Curve Section

<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>1611</u>	<u>100</u>	<u>0</u>	
<u>1611</u>	<u>1856</u>	<u>79.9</u>	<u>1.1</u>	
<u>1856</u>	<u>3326</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.	28+	-----	-----

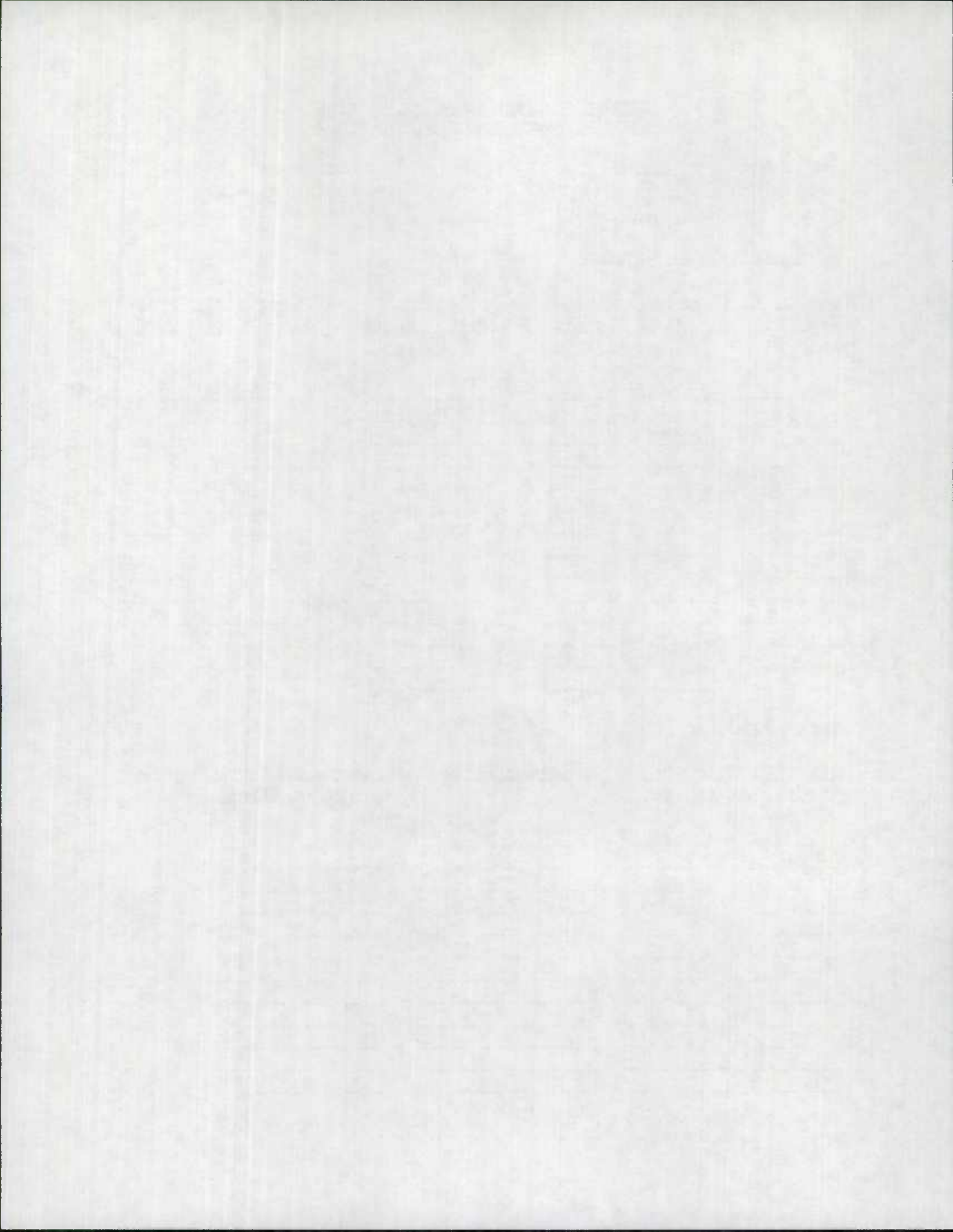




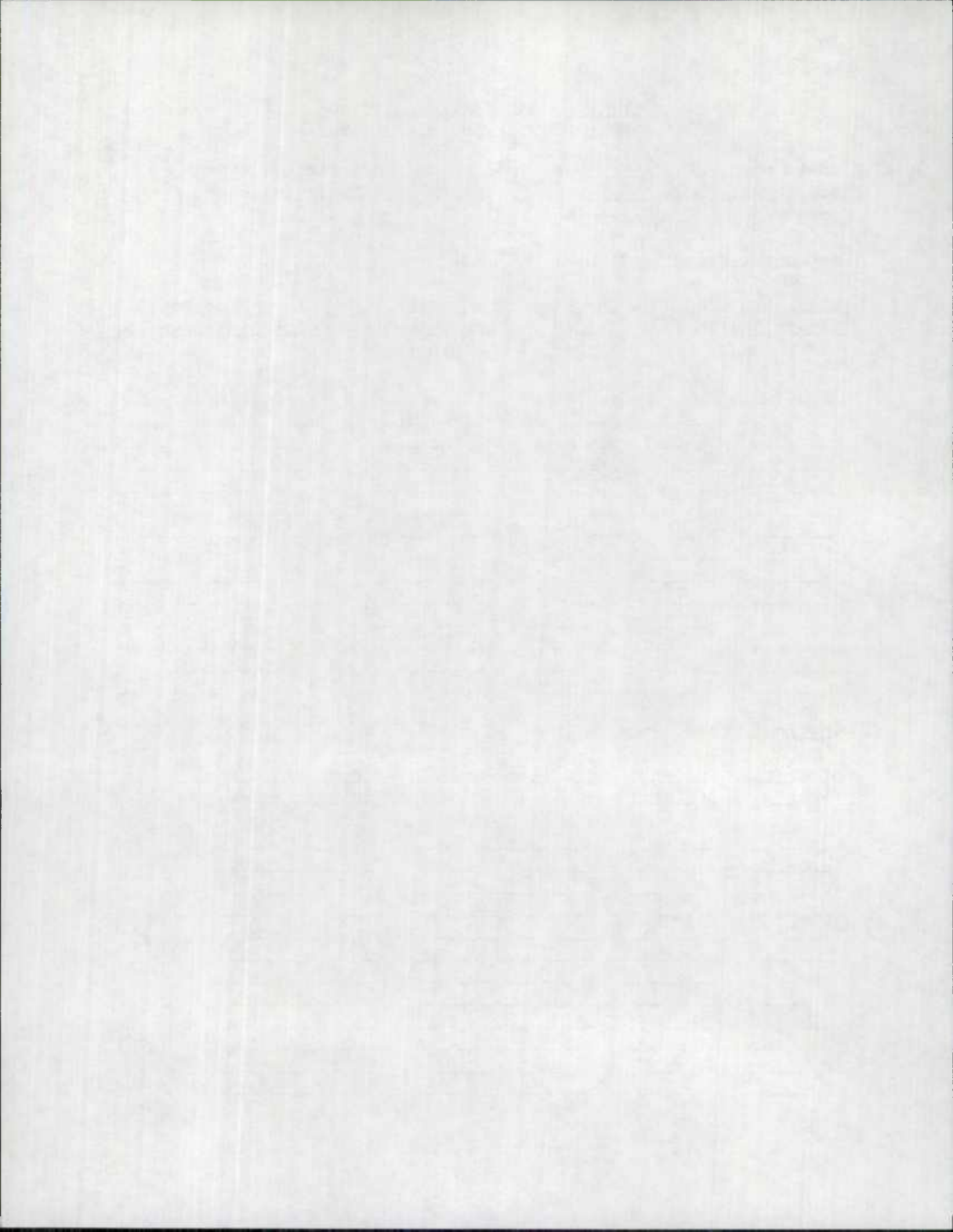




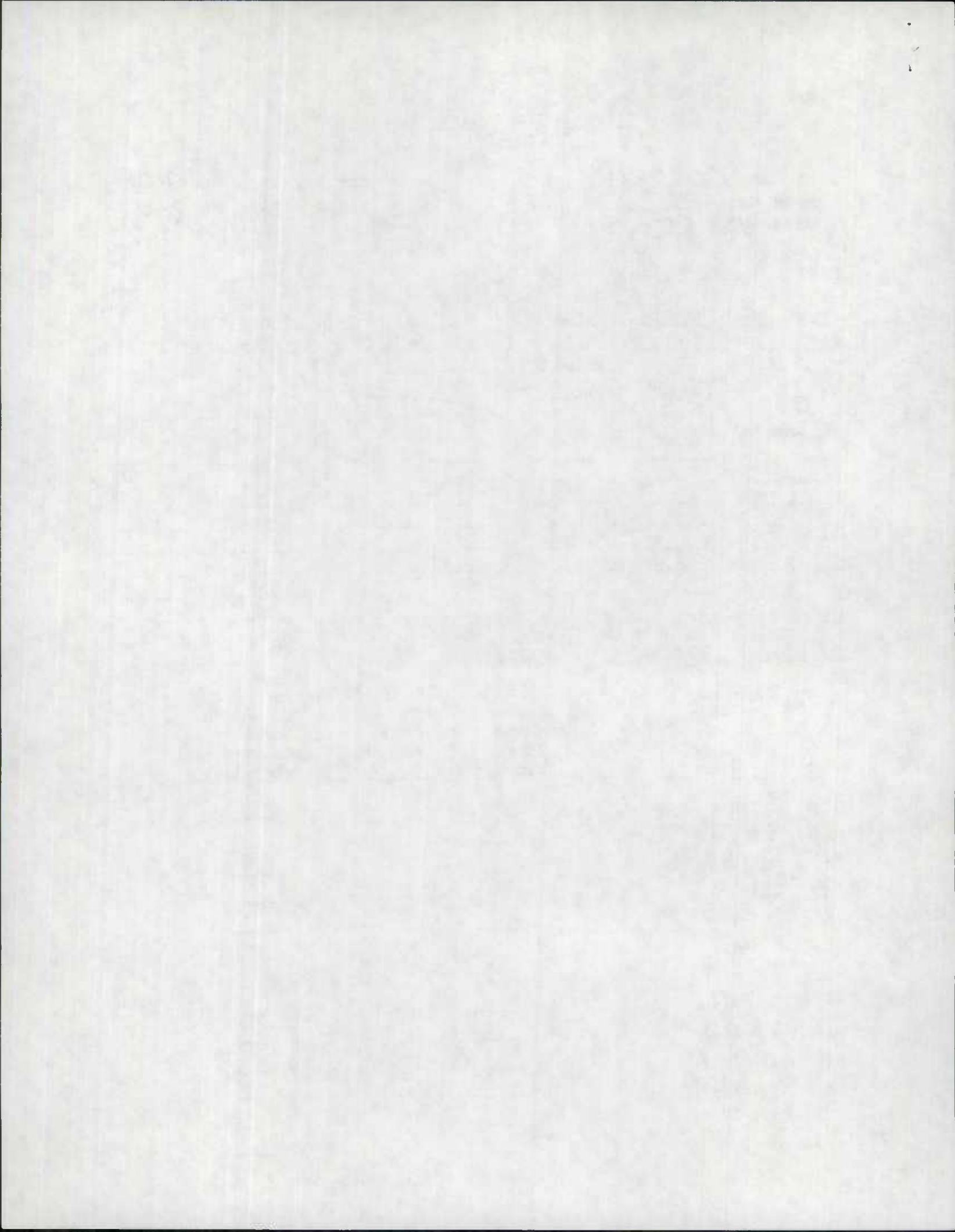










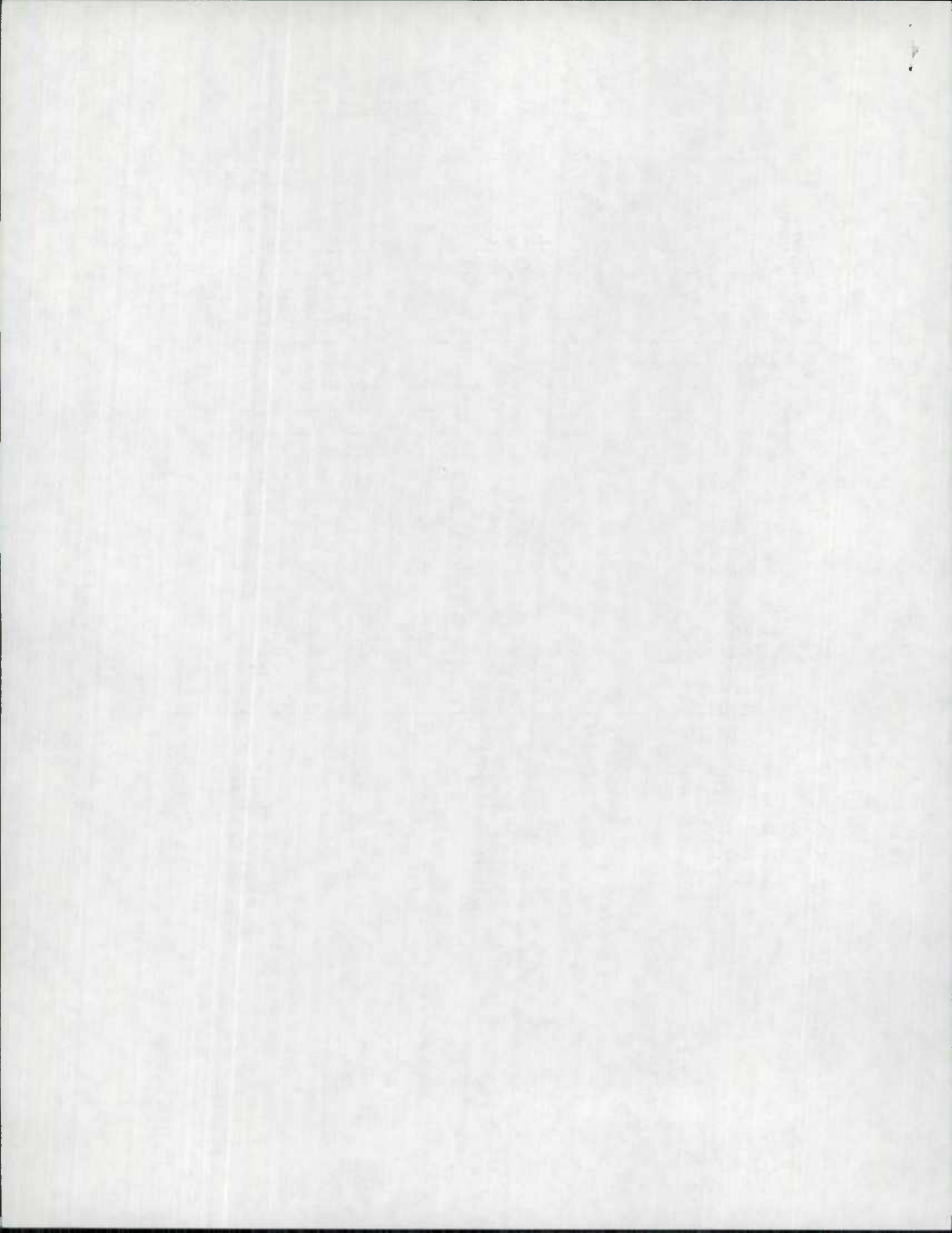




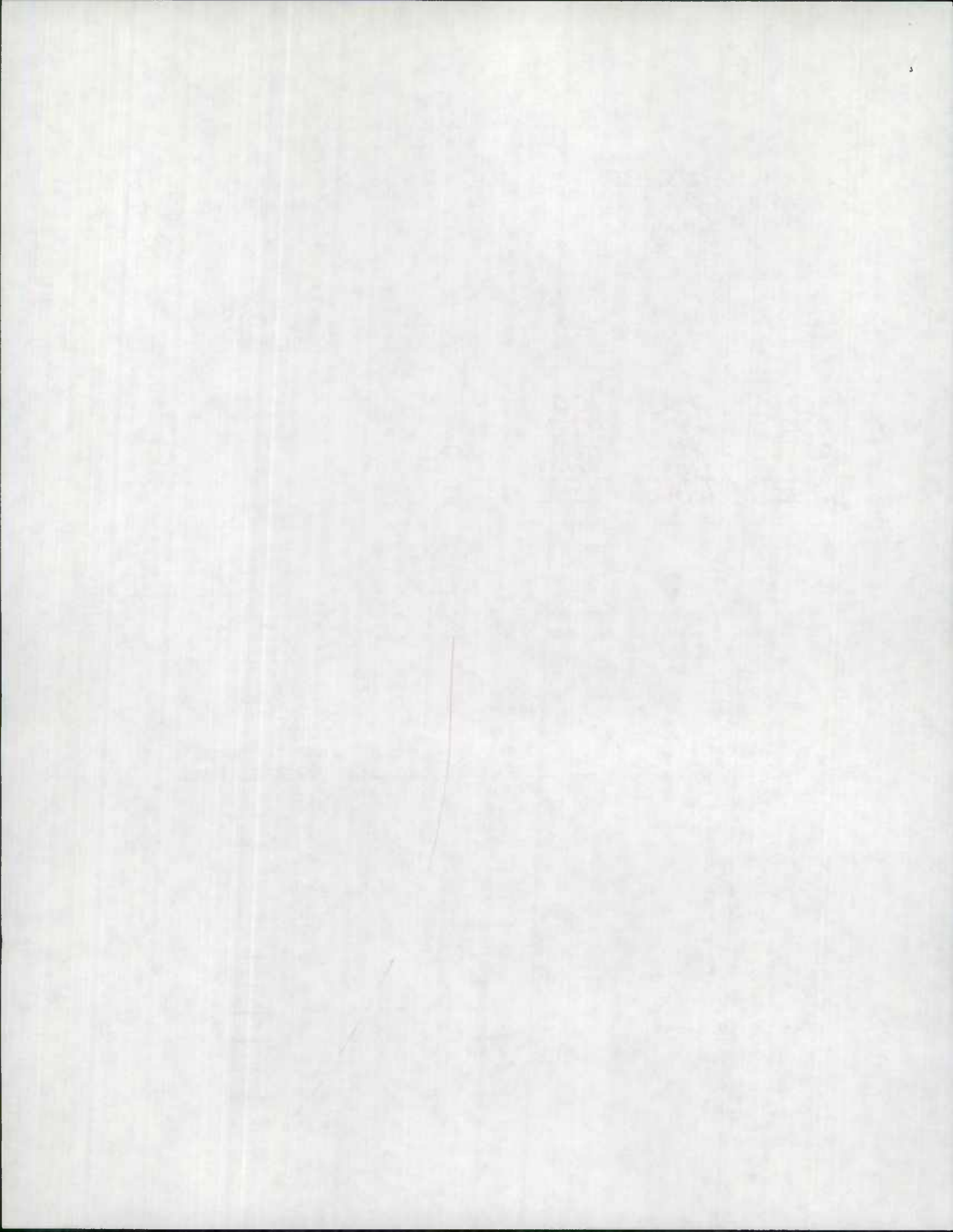
Vertical Curve Section

<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	-----	0%	-----
930	-----	+1%	-----
1426	-----	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	-----	-----
b.	0.5-2.4	-----	-----
c.	2.5-4.4	-----	-----
d.	4.5-6.4	-----	-----
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----





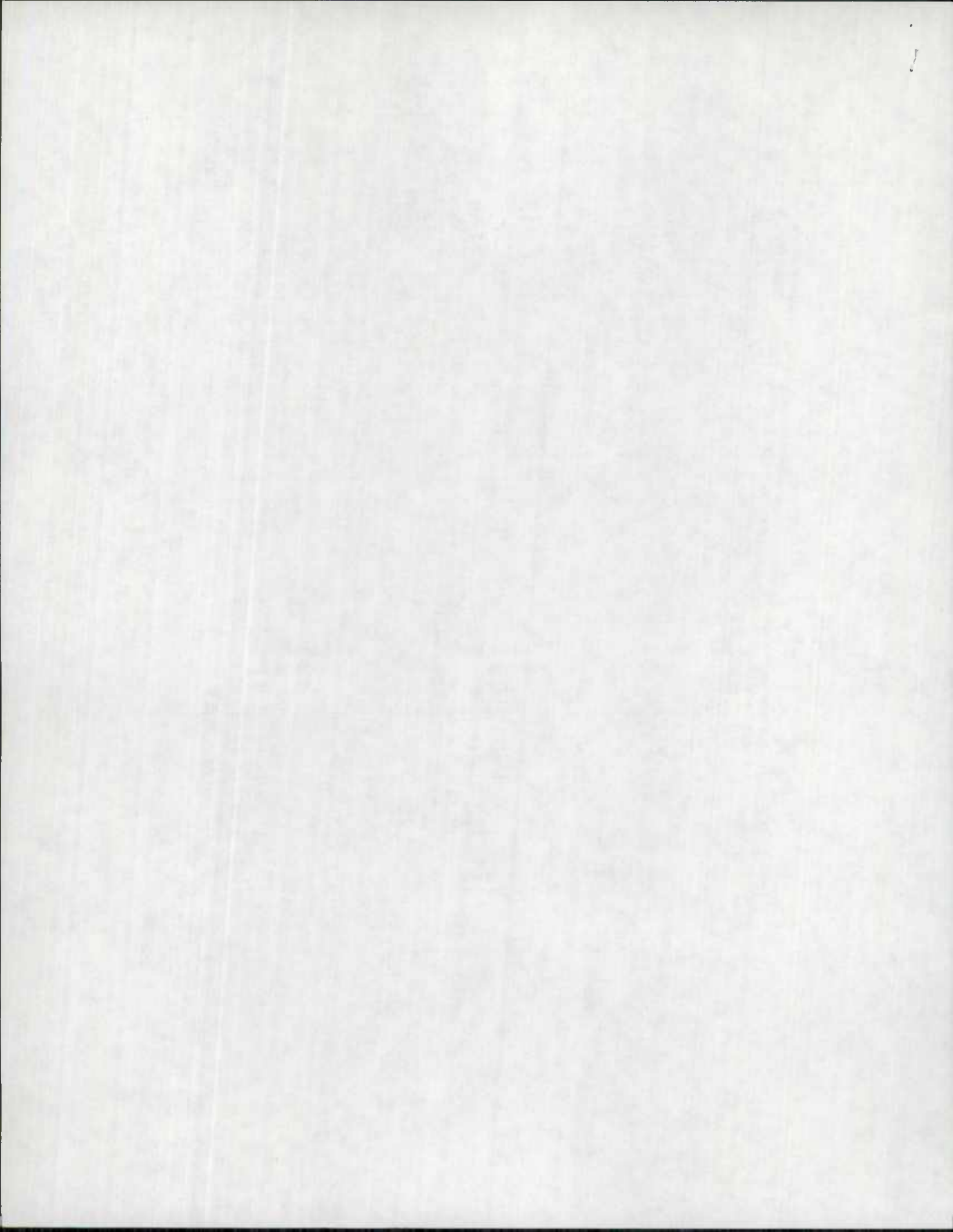


Vertical Curve Section

<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	1345	-1.2%	-----
1345	1742	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	-----	-----
b.	0.5-2.4	-----	-----
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 0237  
 Sample No: 30  
 County: 15 (Mry)

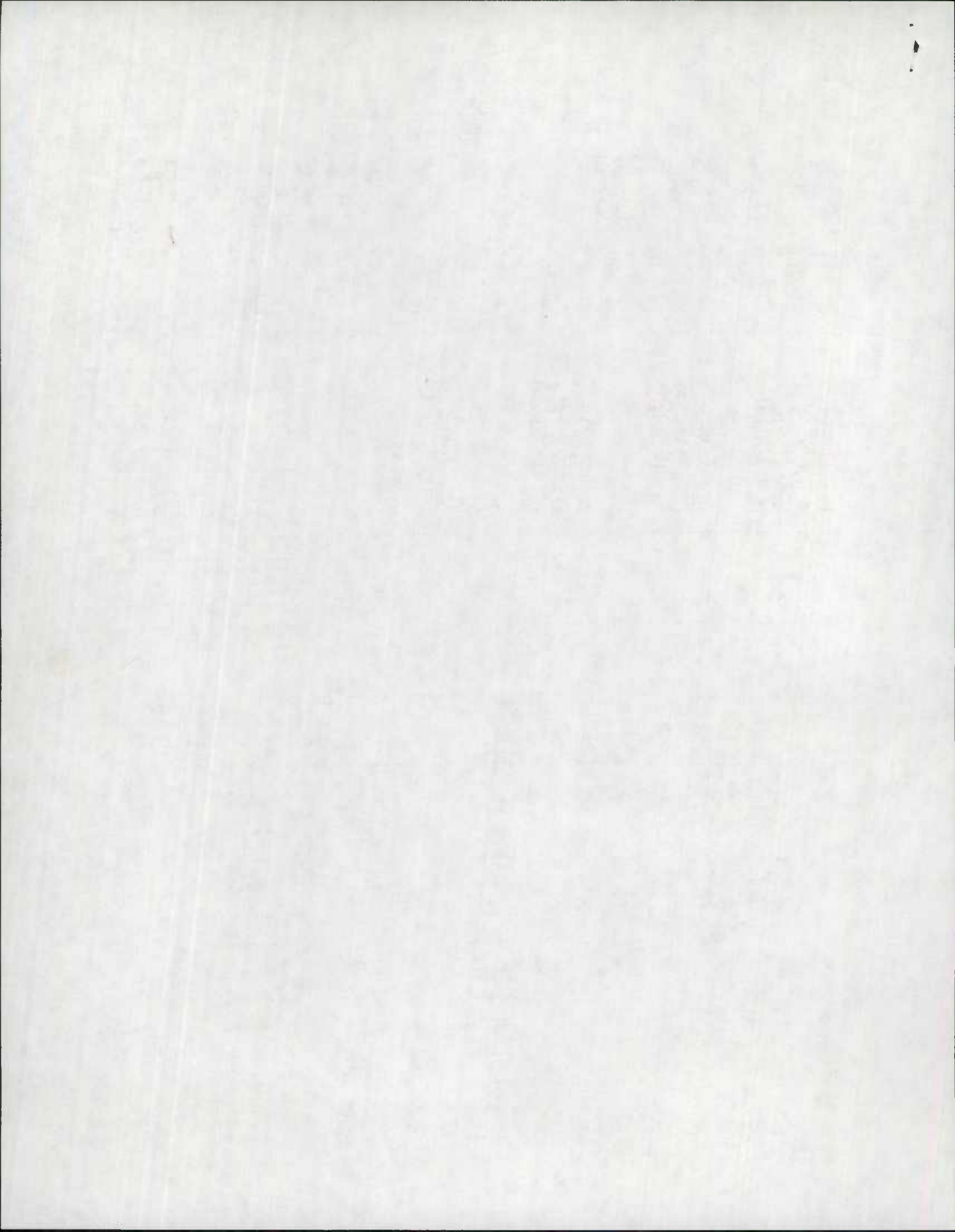
Starting Mile Pt: 0.00  
 Ending Mile Pt: 1.37

(1.37)

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>1243</u>	<u>100</u>	<u>0</u>	-----
L	<u>1243</u>	<u>1928</u>	<u>99.7</u>	<u>3.2</u>	-----
R	<u>1928</u>	<u>2521</u>	<u>99.8</u>	<u>2.4</u>	-----
	<u>2521</u>	<u>6304</u>	<u>100</u>	<u>0</u>	-----
L	<u>6304</u>	<u>6687</u>	<u>99.9</u>	<u>1.1</u>	-----
	<u>6687</u>	<u>7235</u>	<u>100</u>	<u>0</u>	-----
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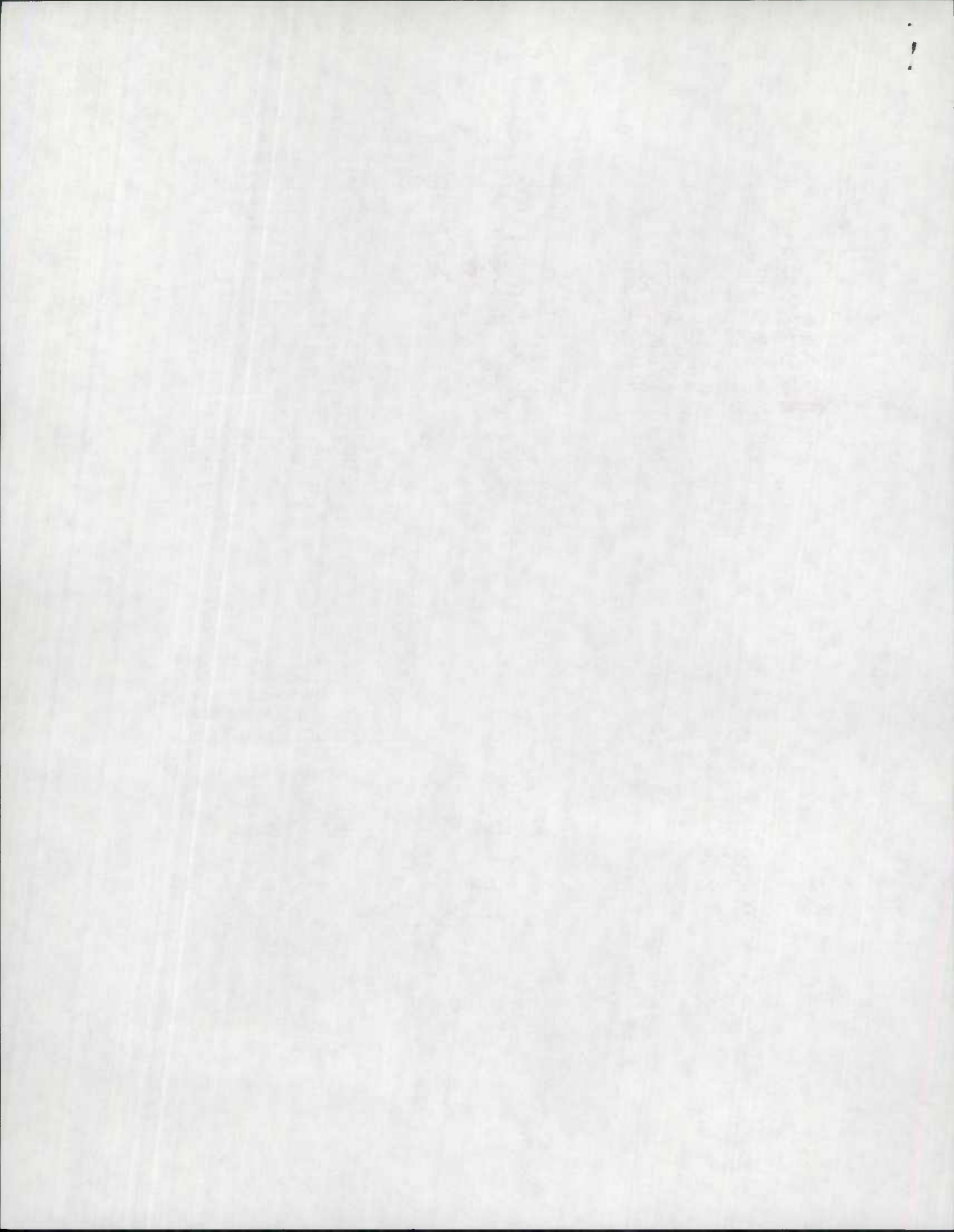
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	-----	-----
b.	0.5-1.4	-----	-----
c.	1.5-2.4	-----	-----
d.	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.	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	664	-3.2%	-----
664	1217	+9.0%	-----
1217	1649	0%	-----
1649	3251	-4.4%	-----
<del>1649</del> 3251	4560	+9.2%	-----
4560	6103	-5.4%	-----
6103	7235	+2.4%	-----
<del>6103</del>		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	-----	-----
b.	0.5-2.4	-----	-----
c.	2.5-4.4	-----	-----
d.	4.5-6.4	-----	-----
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----





*July*

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

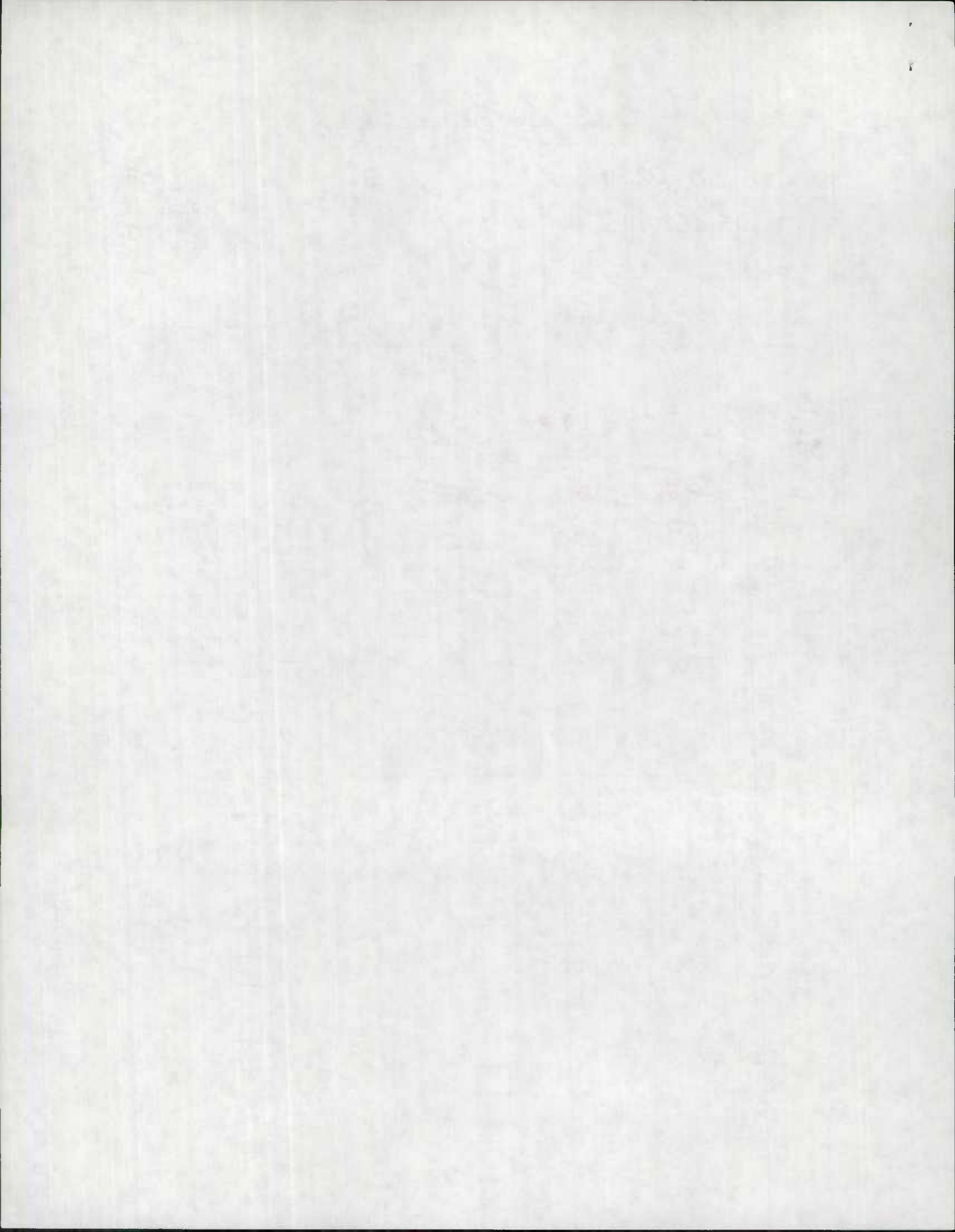
Route No: CO 0259  
 Sample No: 31  
 County: 15 (Mry)

Starting Mile Pt: 3.07  
 Ending Mile Pt: 3.09  
(0.02)

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>Ordi. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<del>0</del>	<del>---</del>	<del>---</del>	<del>---</del>	<del>---</del>
<del>654</del>	<del>---</del>	<del>99.8</del>	<del>2.0</del>	<del>---</del>
<del>804</del>	<del>---</del>	<del>---</del>	<del>---</del>	<del>---</del>
<del>0</del>	<del>106</del>	<del>100</del>	<del>---</del>	<del>---</del>
<del>0</del>	<del>106</del>	<del>100</del>	<del>0</del>	<del>---</del>
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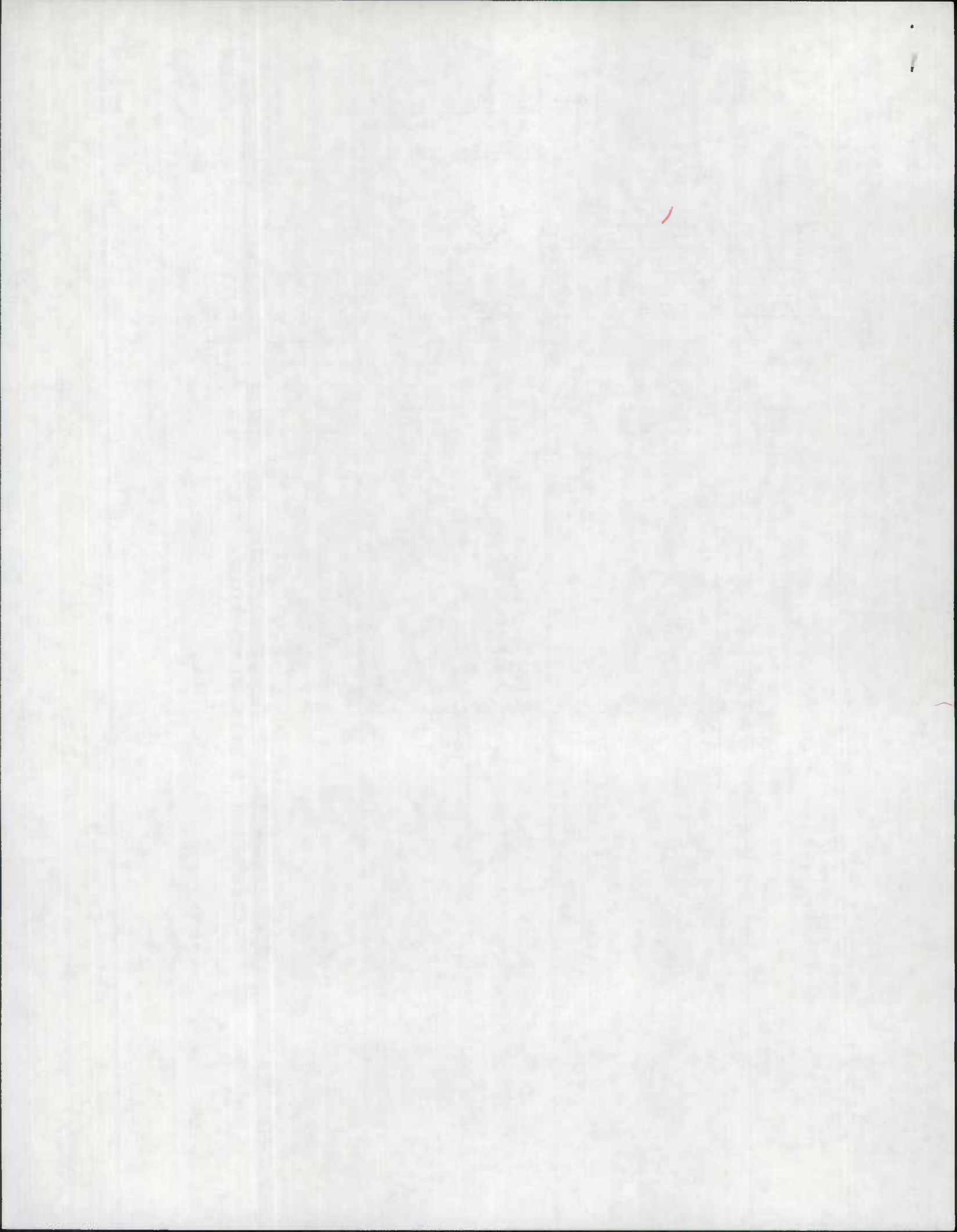
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	---	---
b.	0.5-1.4	---	---
c.	1.5-2.4	---	---
d.	2.5-3.4	---	---
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.	28+	---	---



Vertical Curve Section

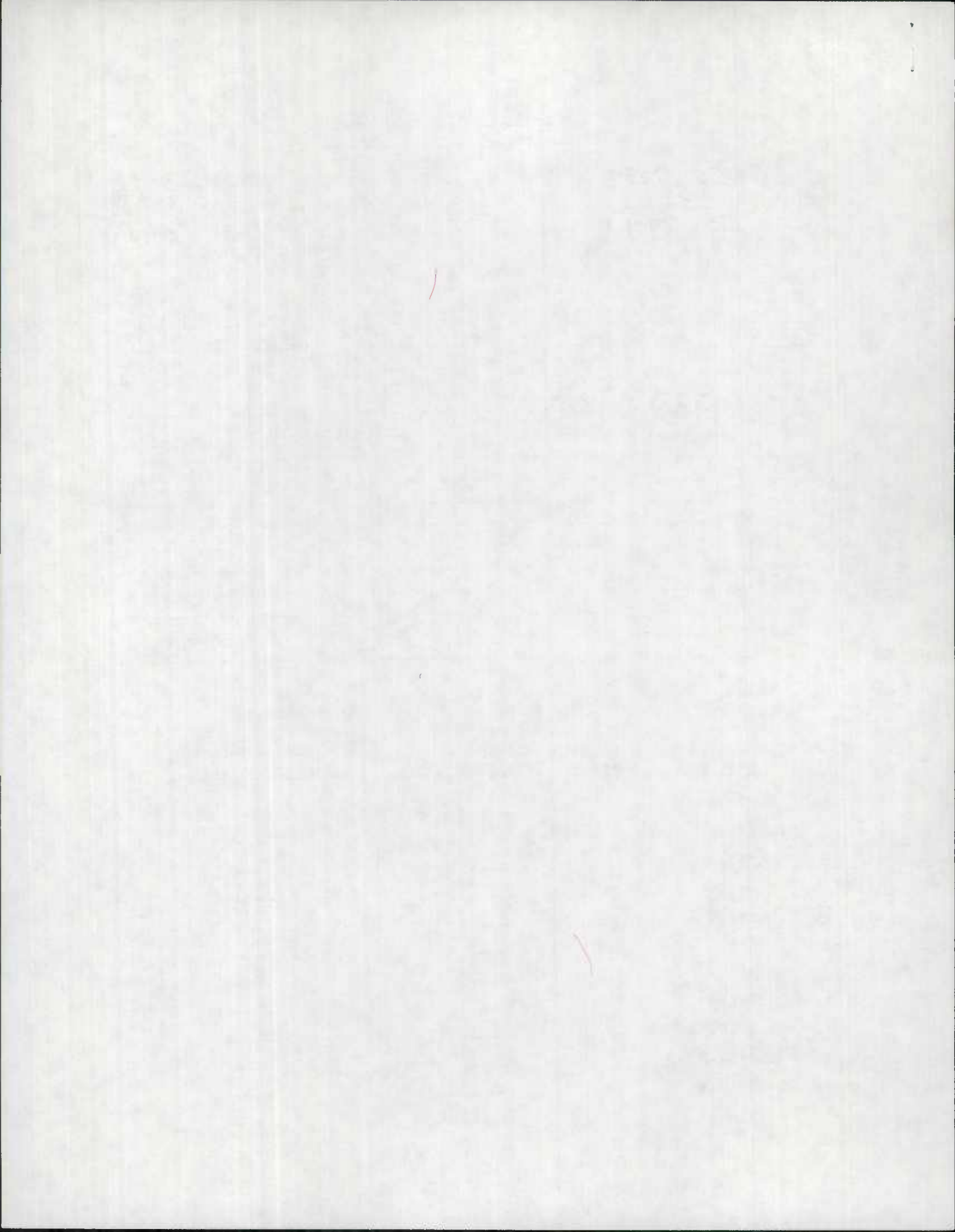
<u>Start Pt.</u> (in ft.)	<u>End Pt.</u> (in ft.)	<u>Gradient Percent</u>	<u>Length of Curve</u> (in x.xx miles)
<del>0</del> <del>375</del>	-----	<del>+4.2%</del> <del>0%</del>	-----
0	106	0%	-----
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	<u>Grade Classes by Gradient (Percent)</u>	<u>Number of Grades (Right- Justified)</u>	<u>Length of Grades in Class (Implied Decimal) (xx.xxx miles)</u>
a.	0.0-0.4	-----	-----
b.	0.5-2.4	-----	-----
c.	2.5-4.4	-----	-----
d.	4.5-6.4	-----	-----
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----

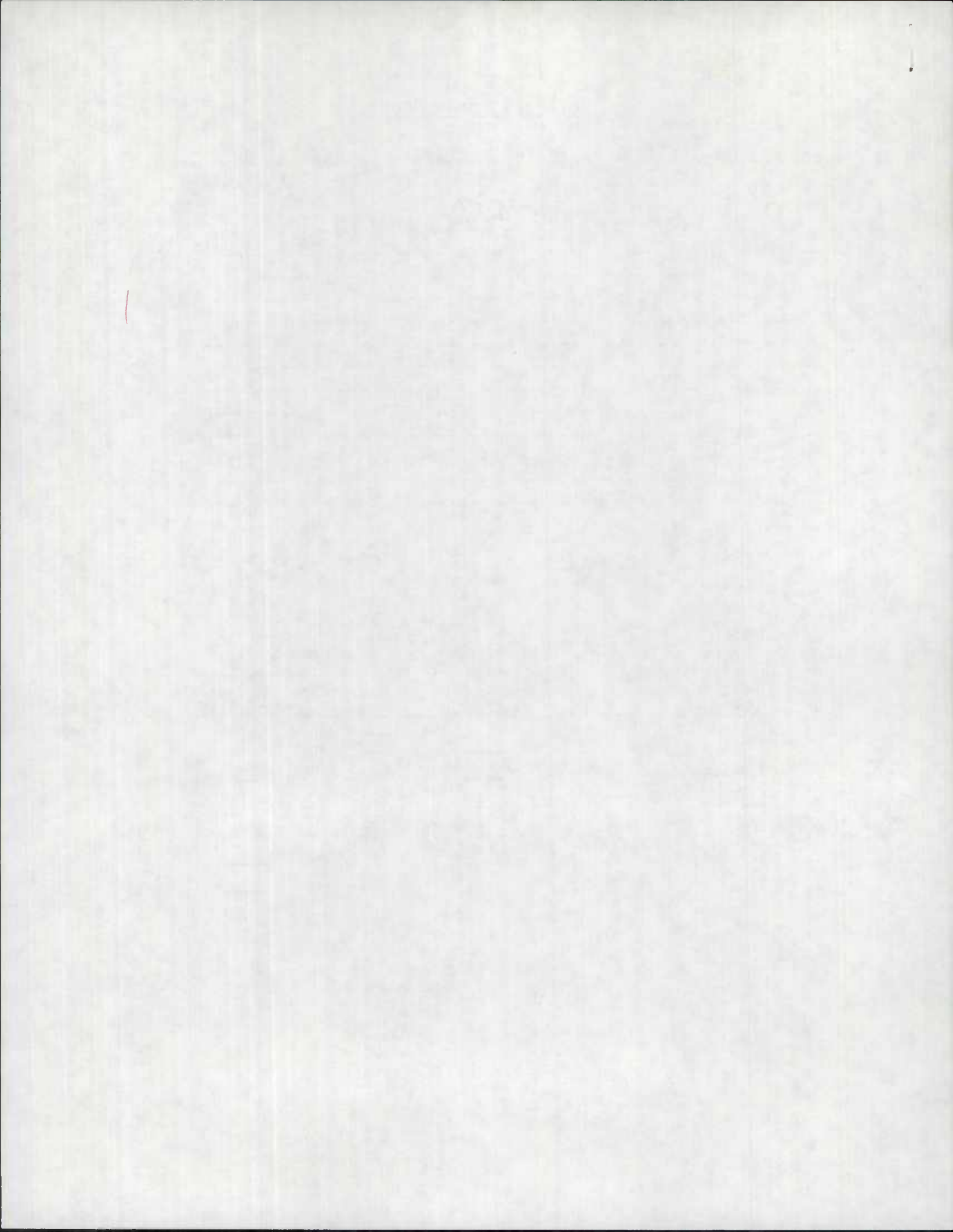




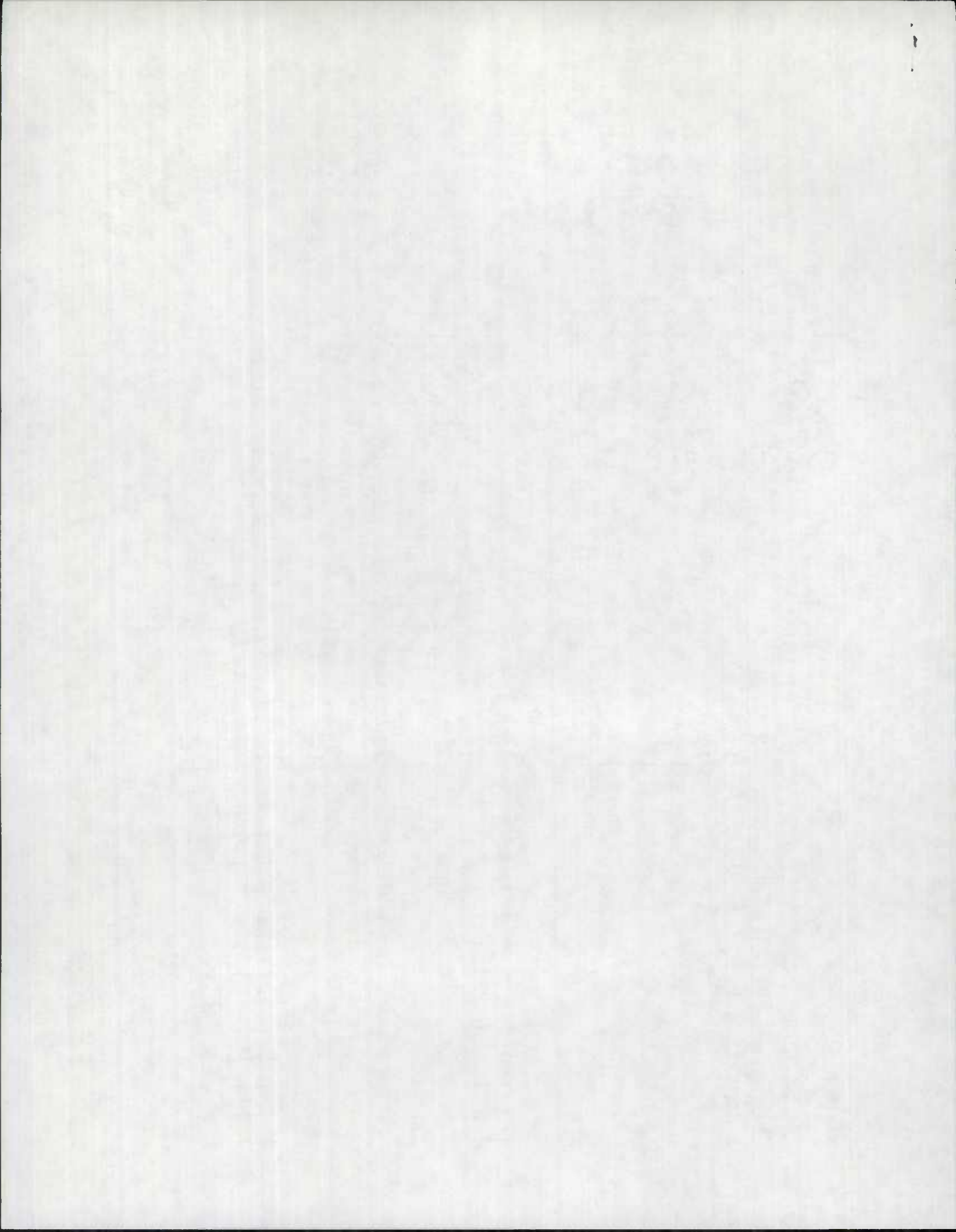
















3

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

Route No: CO 0350  
 Sample No: 34  
 County: IS (mary)

Starting Mile Pt: 0.17  
 Ending Mile Pt: 0.44  
(0.27)

Horizontal Curve Section

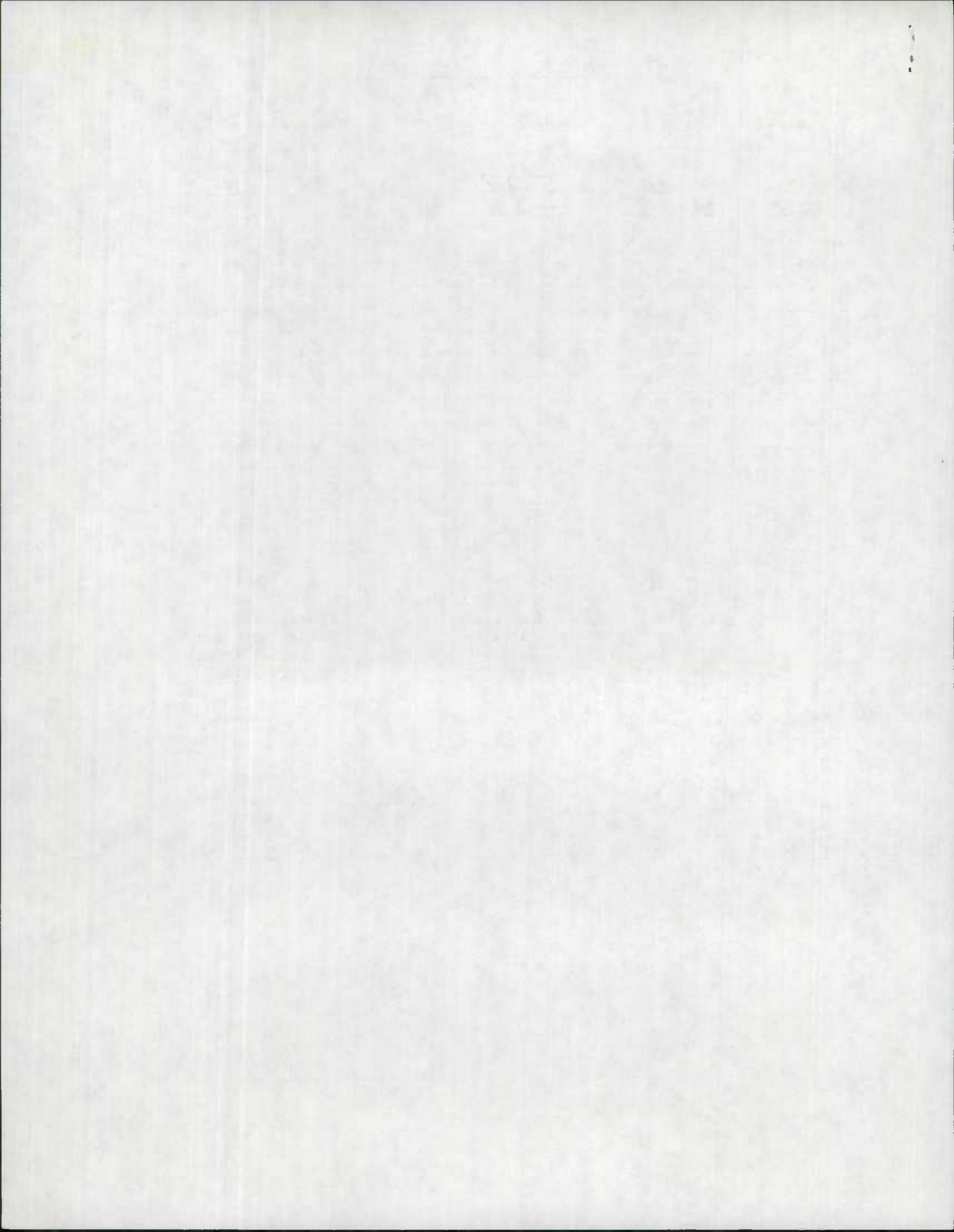
<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
R 0	784	91.95	0.6	
784	1425	100	0	
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	<u>Curve</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.	28+	-----	-----

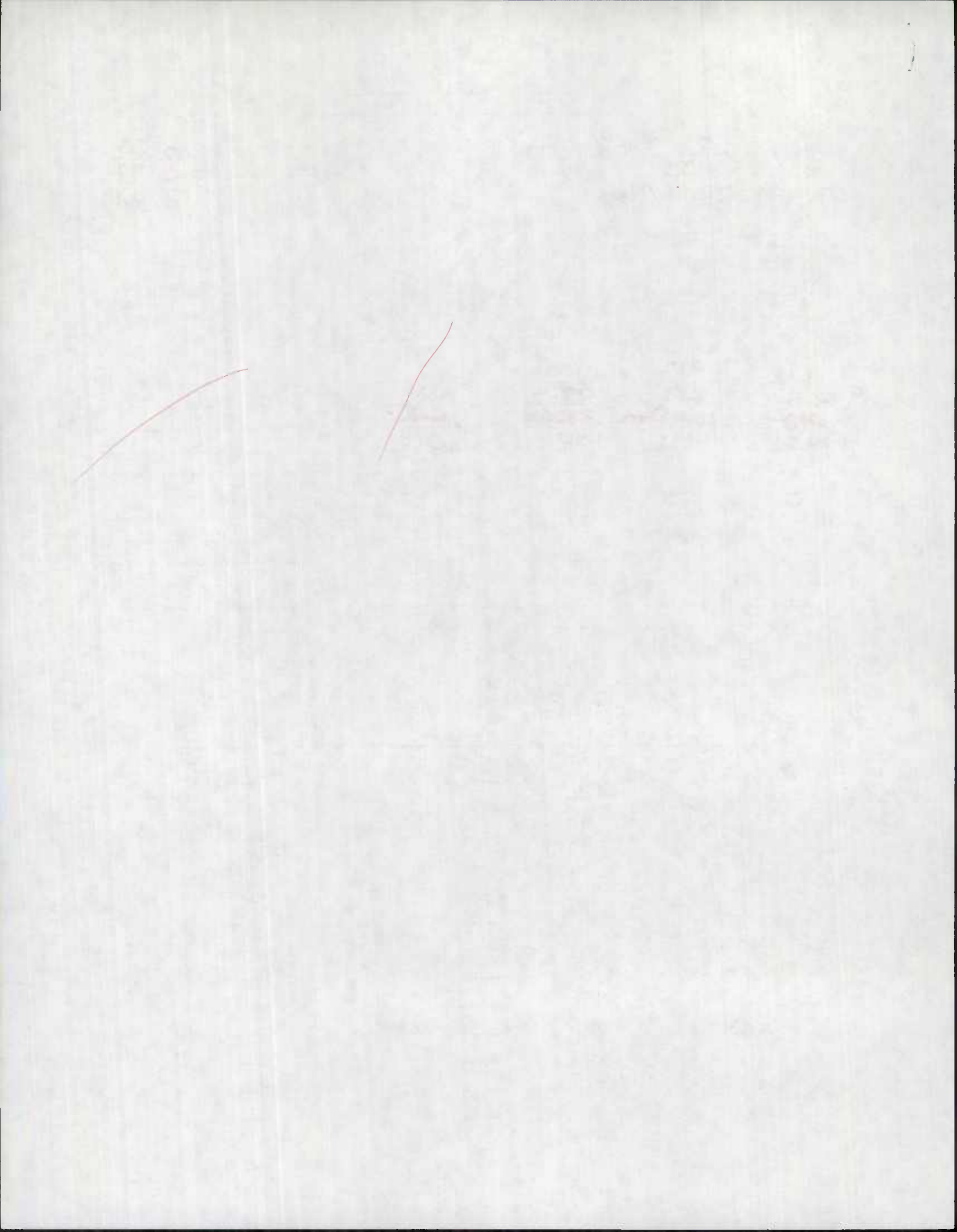








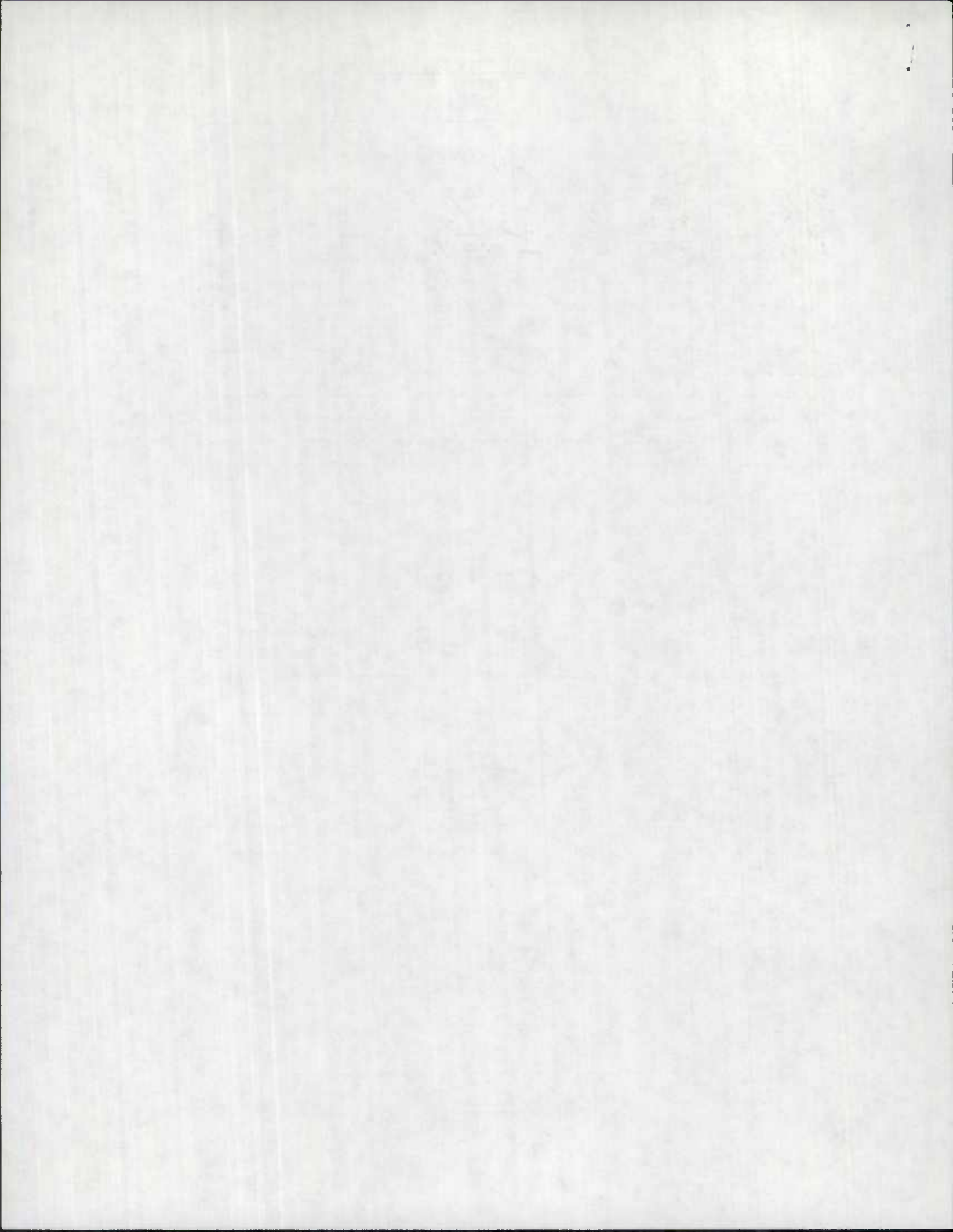




Vertical Curve Section

<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	218	0%	-----
218	668	-1.2%	-----
668	1306	+2.9%	-----
1306	1795	-1.9%	-----
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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-	-----	-----





V.1110

~~1529~~

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

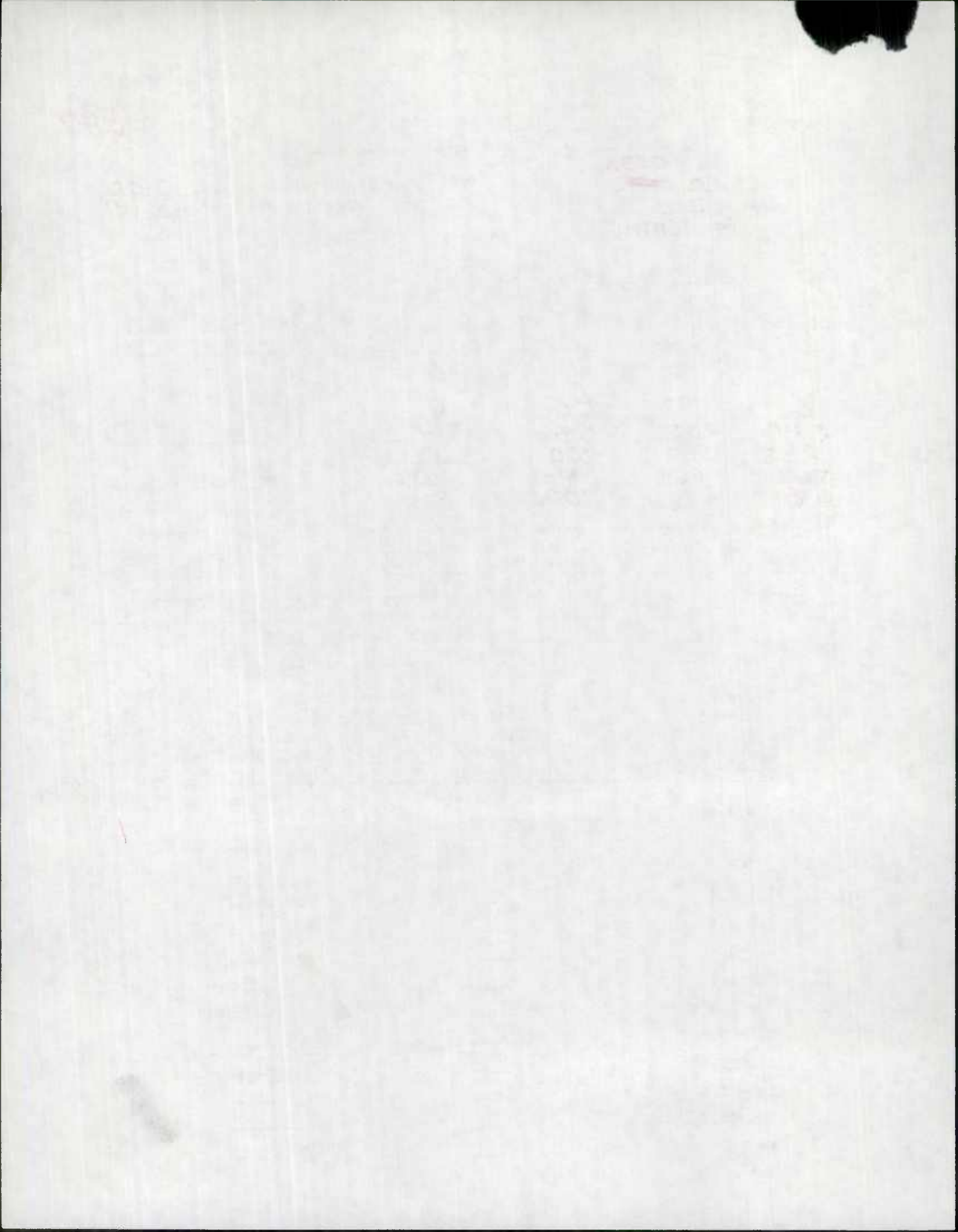
Route No: CO ~~0533~~  
 Sample No: 36  
 County: 15 (Mry)

Starting Mile Pt: 0.00  
 Ending Mile Pt: 2.17

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>198</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>198</u>	<u>235</u>	<u>99.6</u>	<u>3.7</u>	<u>-----</u>
<u>235</u>	<u>560</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>560</u>	<u>661</u>	<u>99.9</u>	<u>1.0</u>	<u>-----</u>
<u>661</u>	<u>898</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>
<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
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<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>	<u>-----</u>
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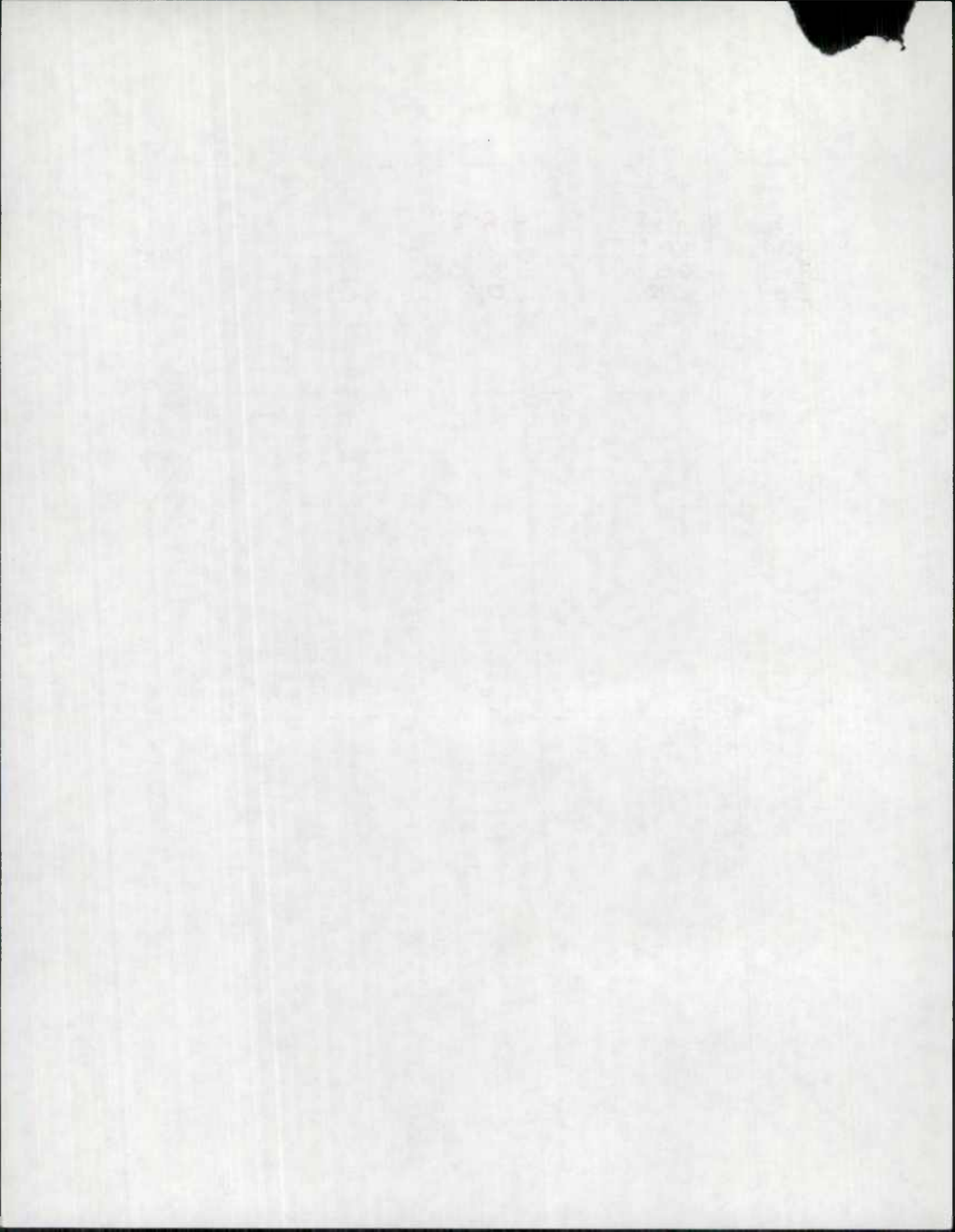
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	<u>-----</u>	<u>-----</u>
b.	0.5-1.4	<u>-----</u>	<u>-----</u>
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.	28+	<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	235	-6.8%	-----
235	361	0%	-----
361	661	-8.0%	-----
661	898	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	-----	-----
b.	0.5-2.4	-----	-----
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 1222  
 Sample No: 37  
 County: 15 (Mxy)

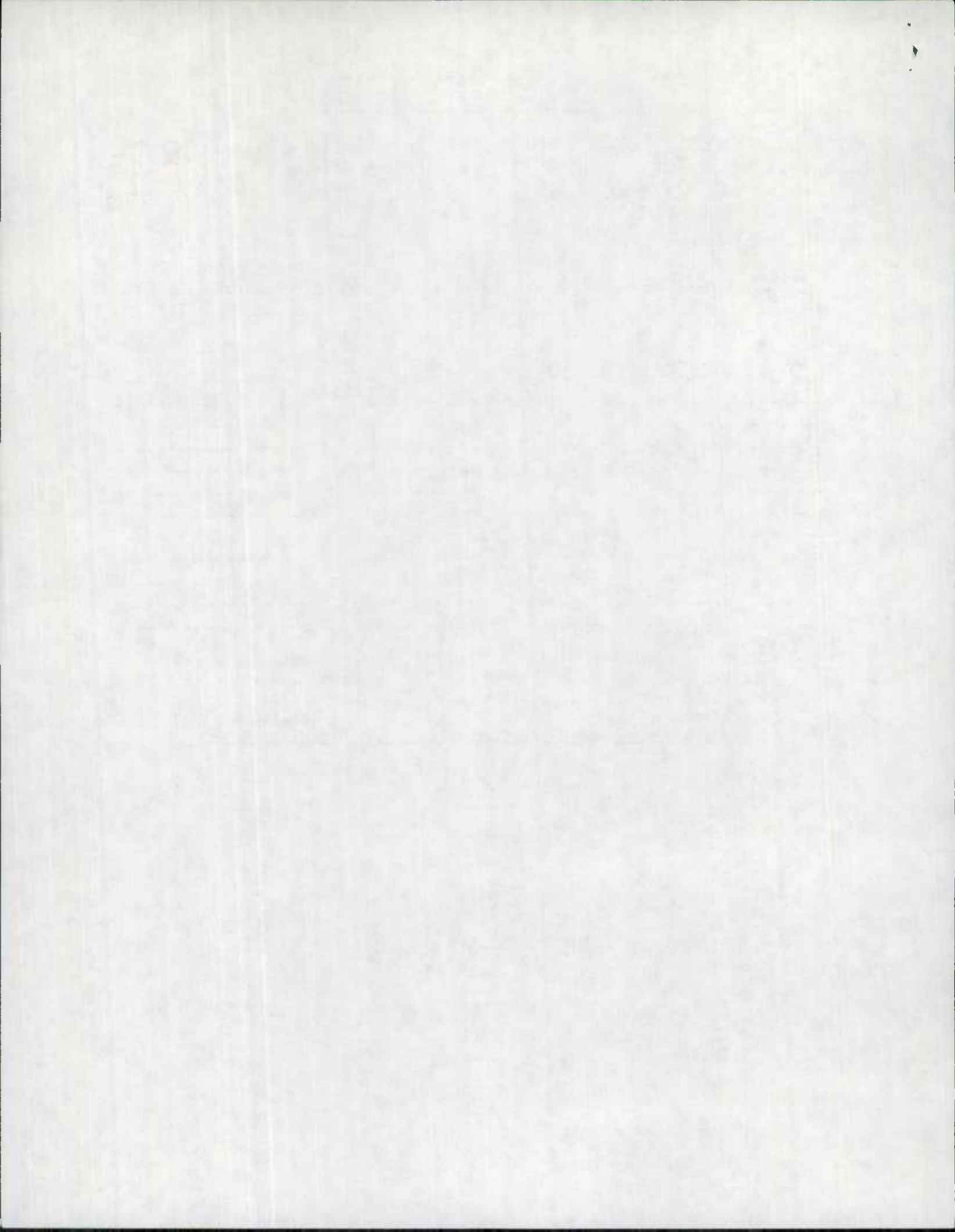
Starting Mile Pt: 0.19  
 Ending Mile Pt: 0.29  
(0.10)

Horizontal Curve Section

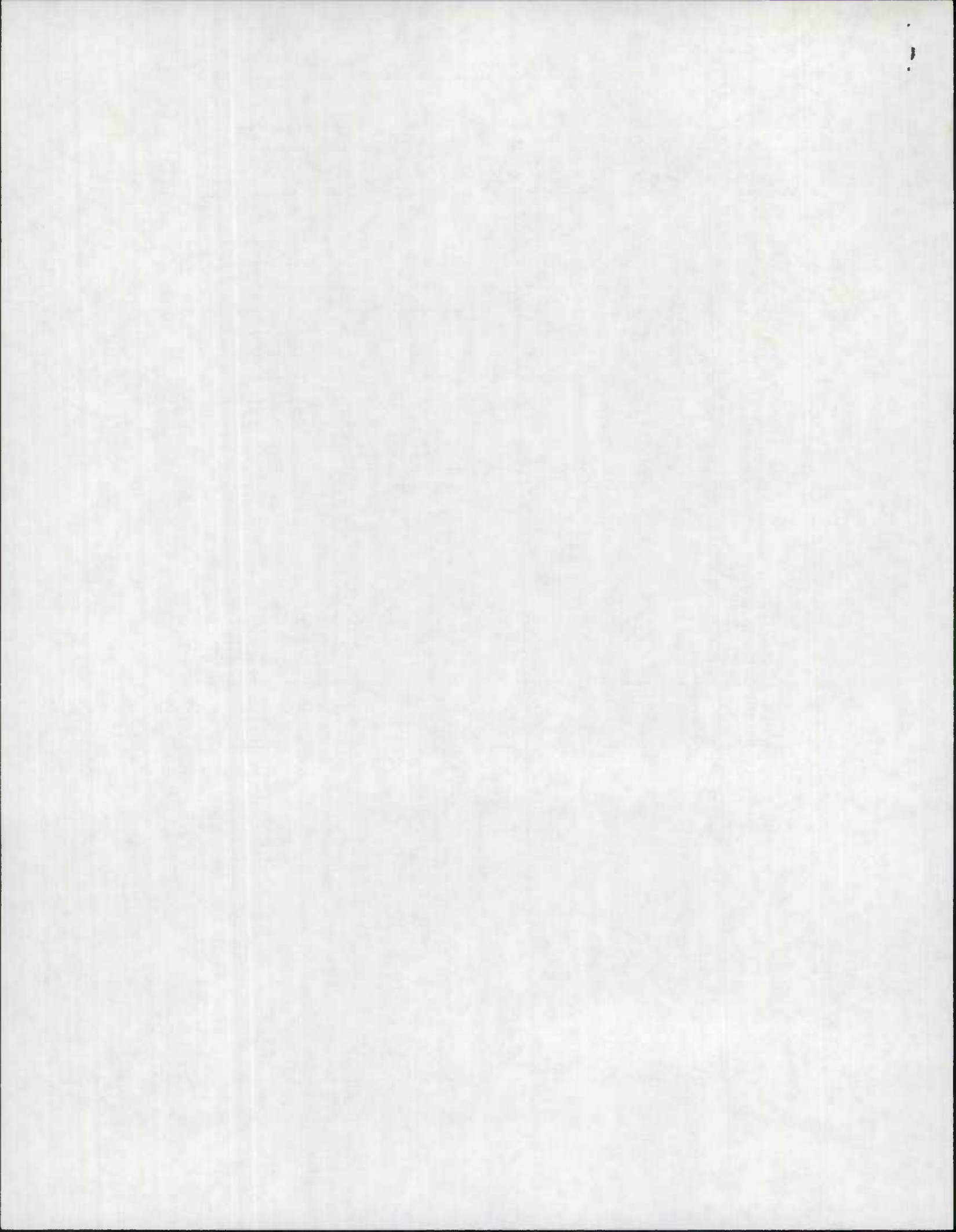
<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>530</u>	<u>100</u>	<u>0</u>	
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	<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.	28+	-----	-----









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

Route No: CO 1659  
 Sample No: 38  
 County: 15 (Mry)

Starting Mile Pt: 0.00  
 Ending Mile Pt: 0.13

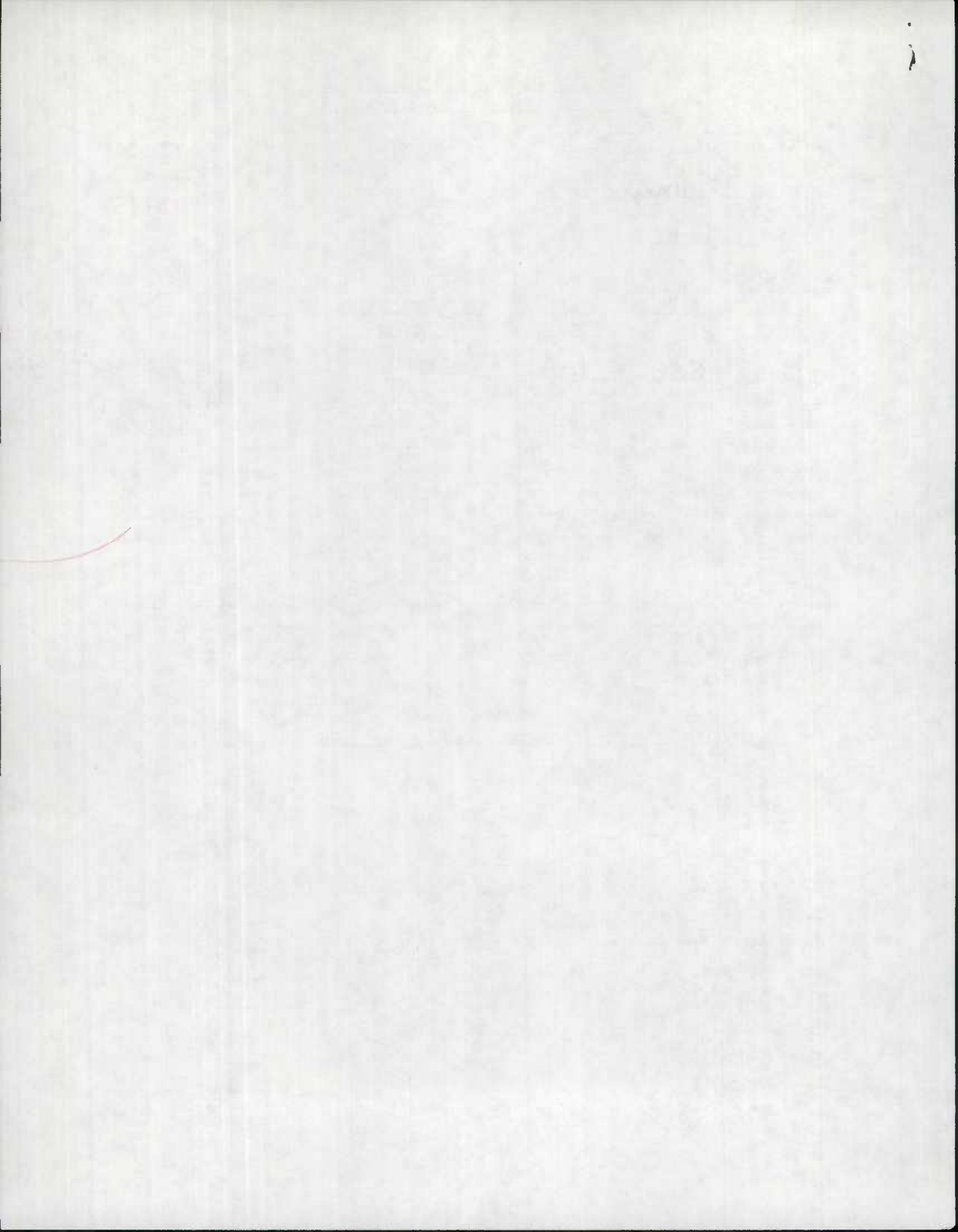
(0.13)

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>686</u>	<u>100</u>	<u>0</u>	
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0.037 0%  
 .10 4%

	<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.	28+	-----	-----









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

Route No: Co 1659  
 Sample No: 39  
 County: 15 (Mary)

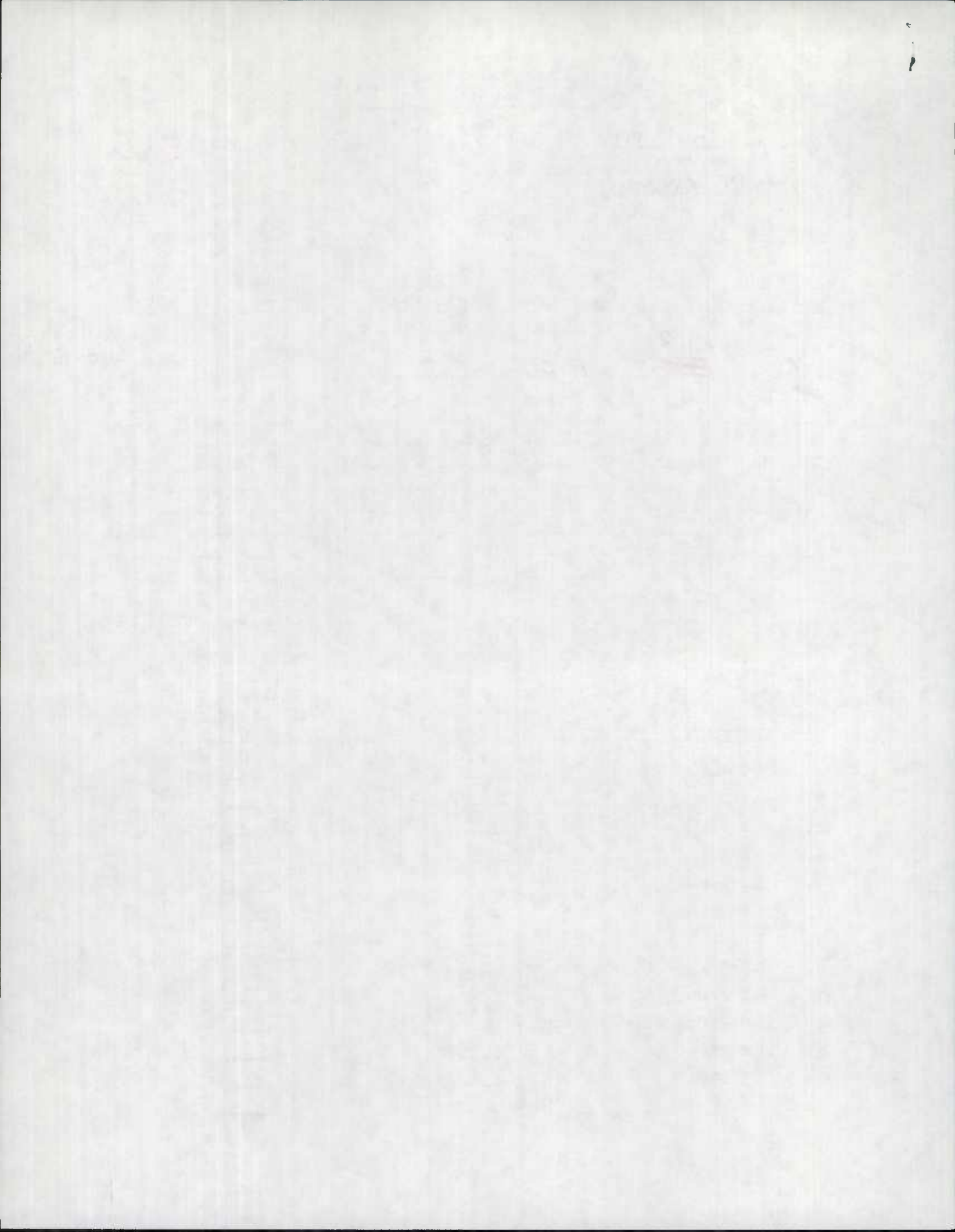
Starting Mile Pt: 0.13  
 Ending Mile Pt: 0.53  
(.40)

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>2112</u>	<u>100</u>	<u>0</u>	
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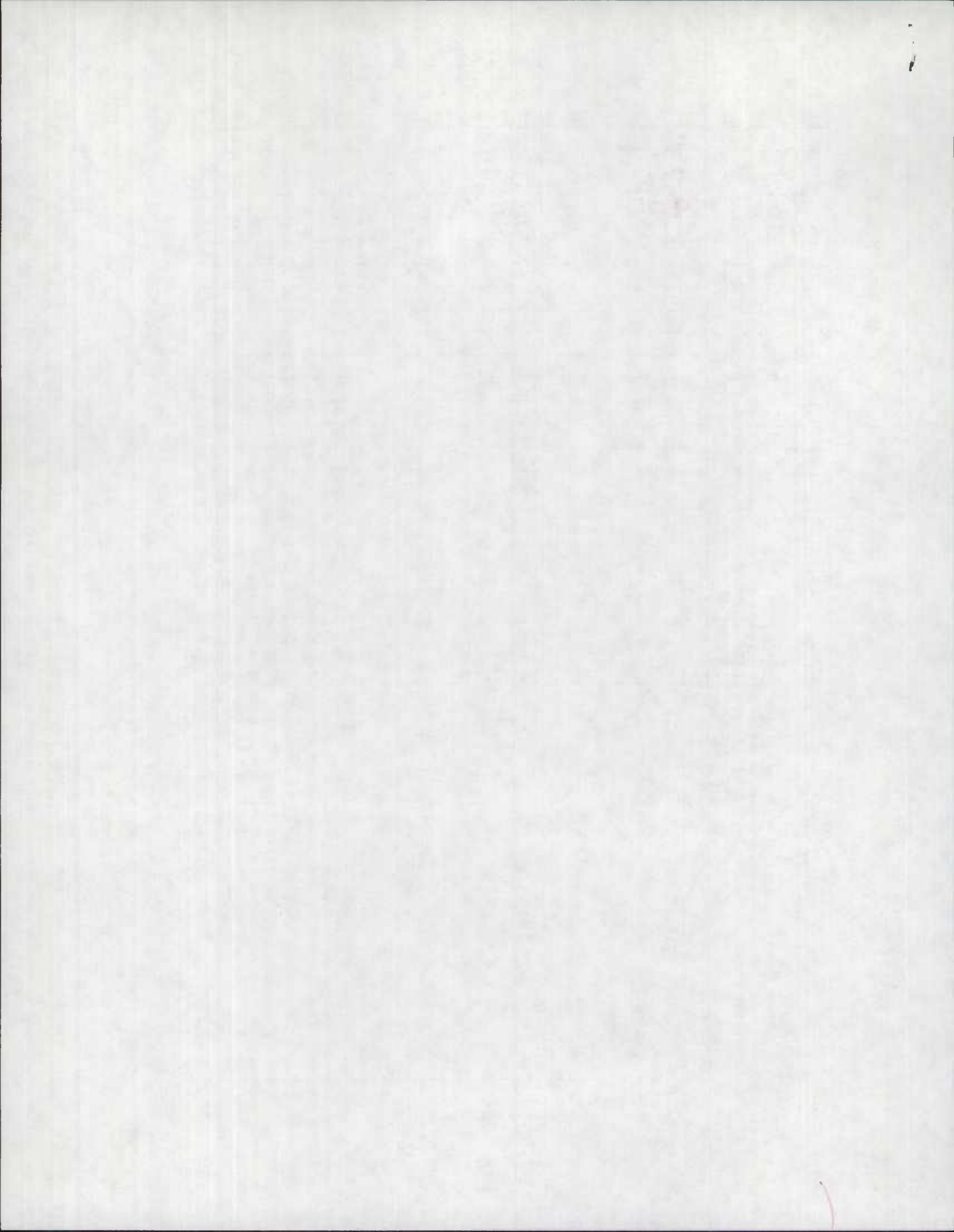
↑ -12 to 0%  
 -6 1/2%  
 0.10 6/10

	<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.	28+	-----	-----









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

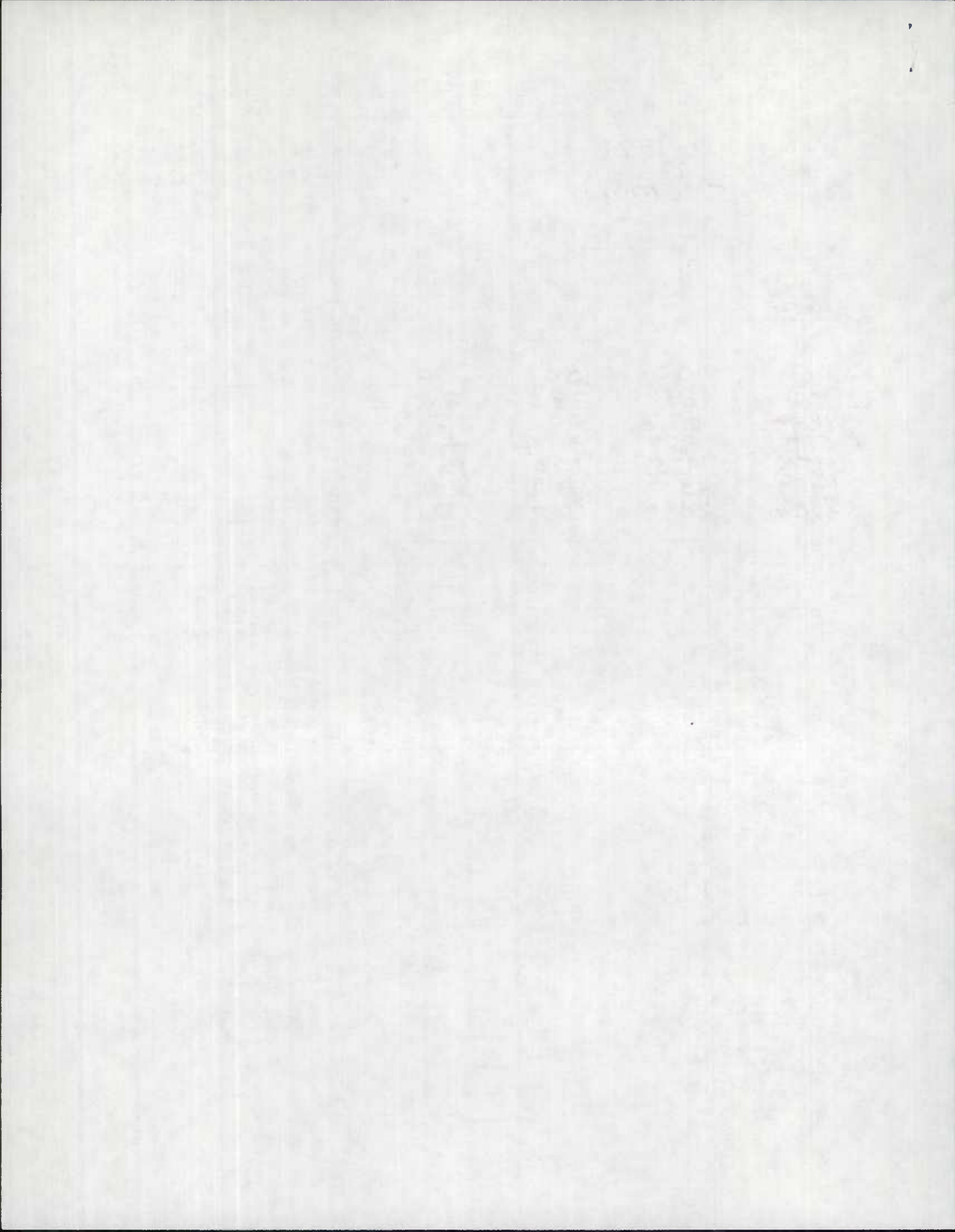
Route No: CO 1799  
 Sample No: 40  
 County: 15 (Mry)

Starting Mile Pt: 0.00  
 Ending Mile Pt: 0.47

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>100</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>L 100</u>	<u>169</u>	<u>99.8</u>	<u>2.0</u>	<u>-----</u>
<u>169</u>	<u>670</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>R 670</u>	<u>958</u>	<u>99.4</u>	<u>4.8</u>	<u>-----</u>
<u>958</u>	<u>1935</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>1935</u>	<u>2306</u>	<u>99.9</u>	<u>1.0</u>	<u>-----</u>
<u>2306</u>	<u>2480</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>
<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>

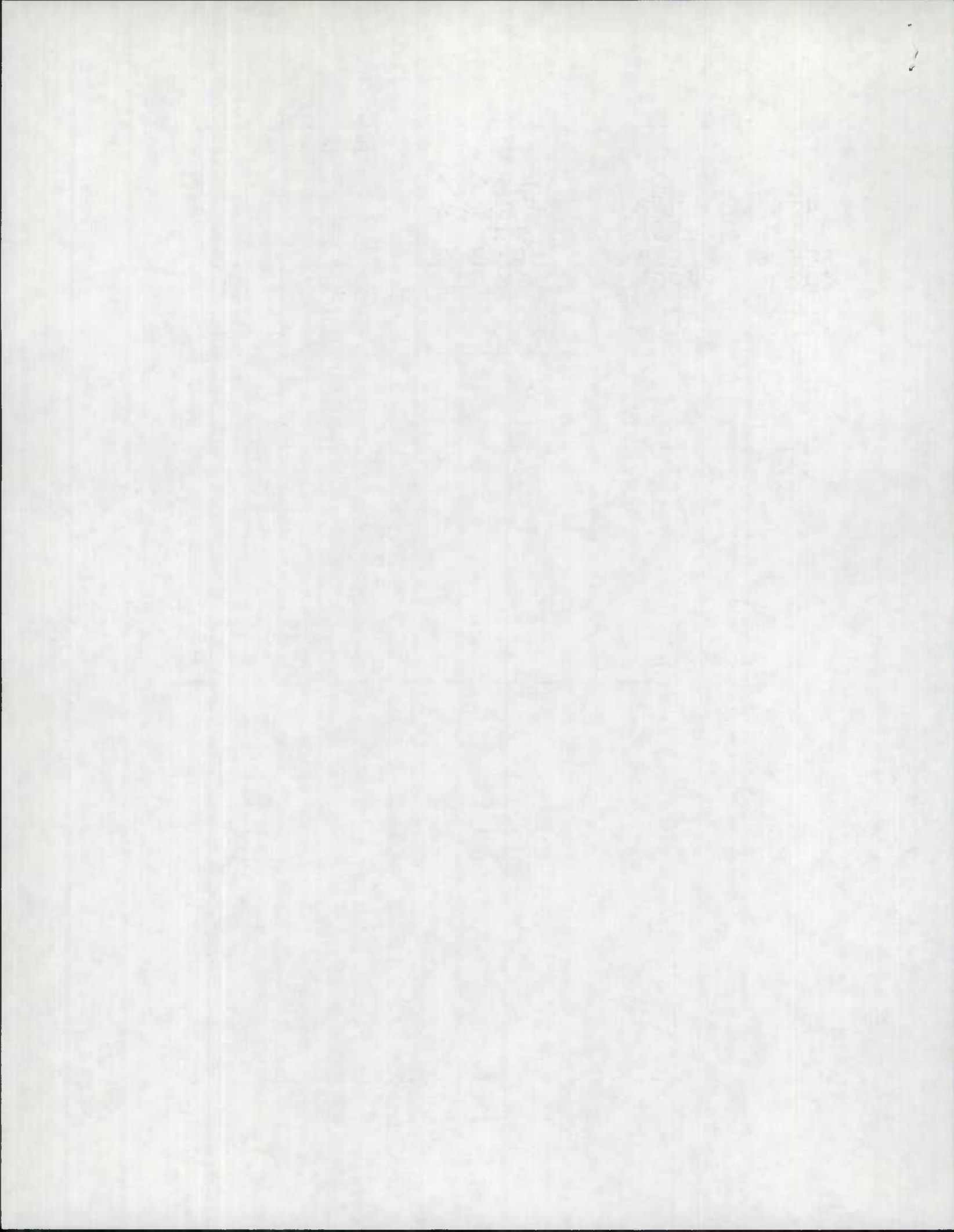
<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a. 0.0-0.4	<u>-----</u>	<u>-----</u>
b. 0.5-1.4	<u>-----</u>	<u>-----</u>
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. 28+	<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	958	-3.2%	-----
958	958	+6.3%	-----
1331	1331	0%	-----
1574	1574	+6.3%	-----
2306	2306	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	-----	-----
b.	0.5-2.4	-----	-----
c.	2.5-4.4	-----	-----
d.	4.5-6.4	-----	-----
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----





*Jingo*

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

Route No: CO 1919  
 Sample No: A1  
 County: 15 (Mty.)

Starting Mile Pt: 0.00  
 Ending Mile Pt: 0.15  
 (0.15)

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>
L 0	238	99.9	1.2	
R 237	718	<del>237</del> 99.7	3.2	
3718	791	100	0	
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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.	28+	-----	-----











1877

1877

1877

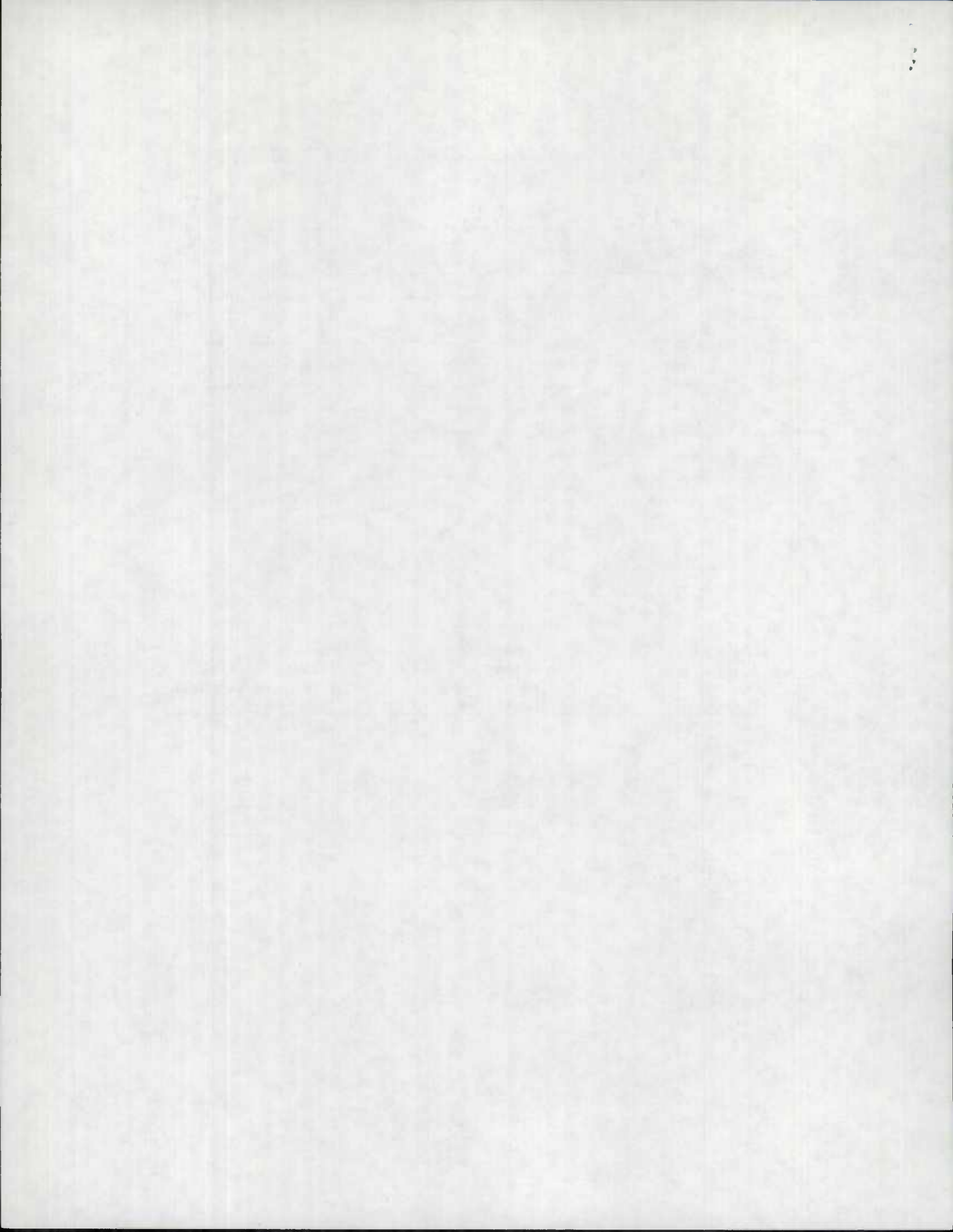
1877

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11/10

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

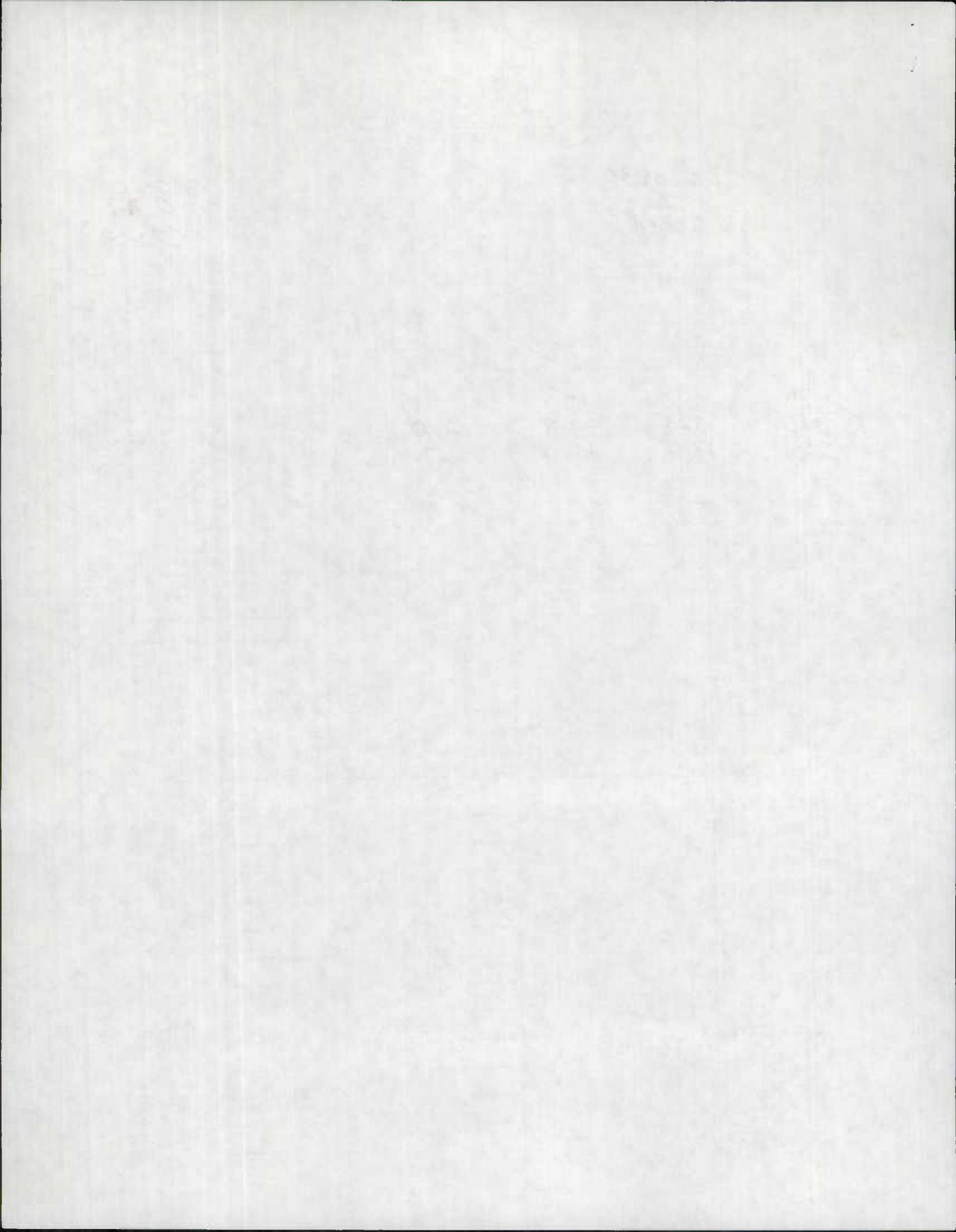
Route No: CO 1936  
 Sample No: 43  
 County: IS (mry)

Starting Mile Pt: 0.20  
 Ending Mile Pt: 0.43  
(0.23)

Horizontal Curve Section

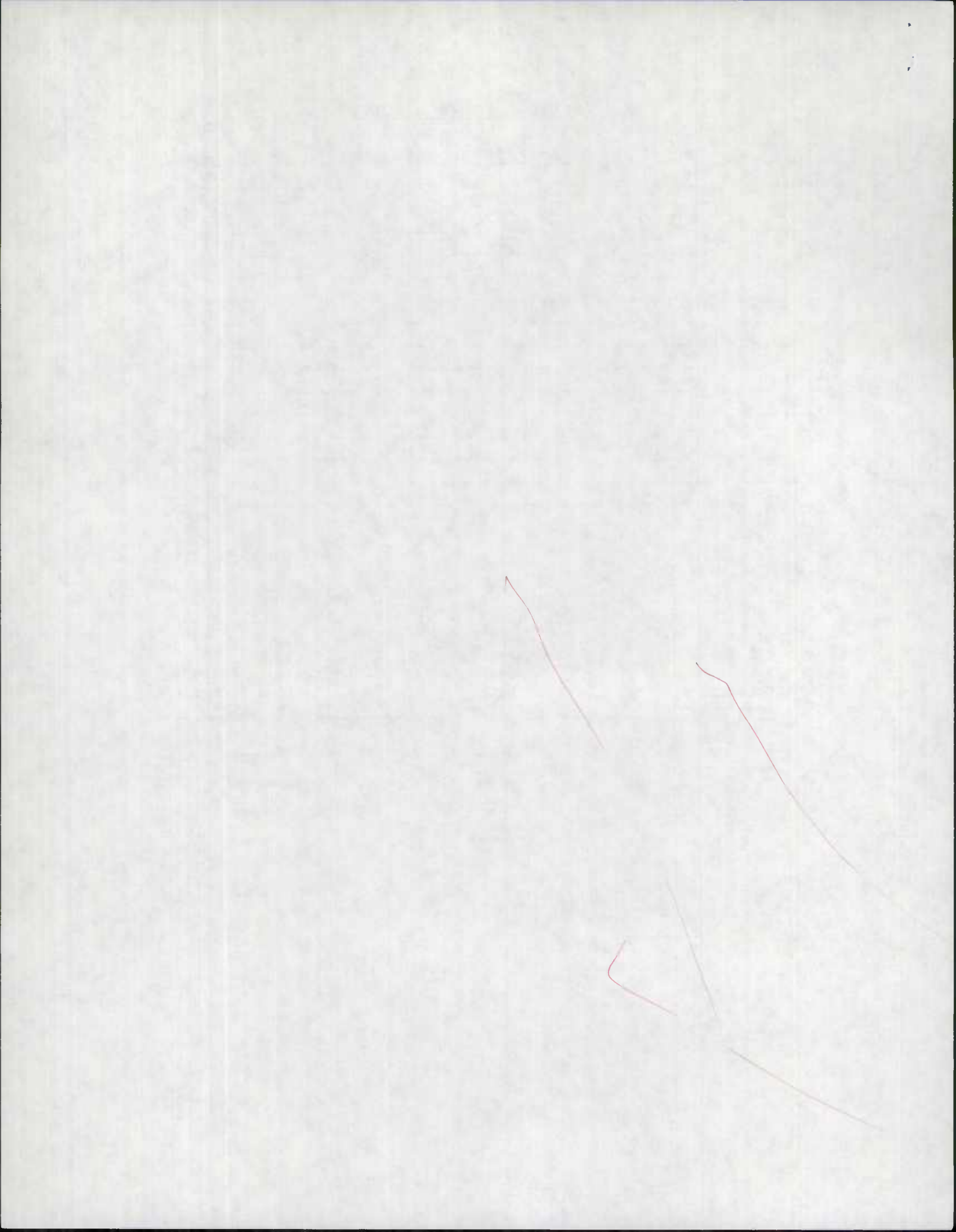
<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
R <u>0</u>	<u>312</u>	<u>100</u>	<u>0</u>	-----
<u>312</u>	<u>521</u>	<u>99.8</u>	<u>2.0</u>	-----
<u>521</u>	<u>1214</u>	<u>10.0</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.	28+	-----	-----









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

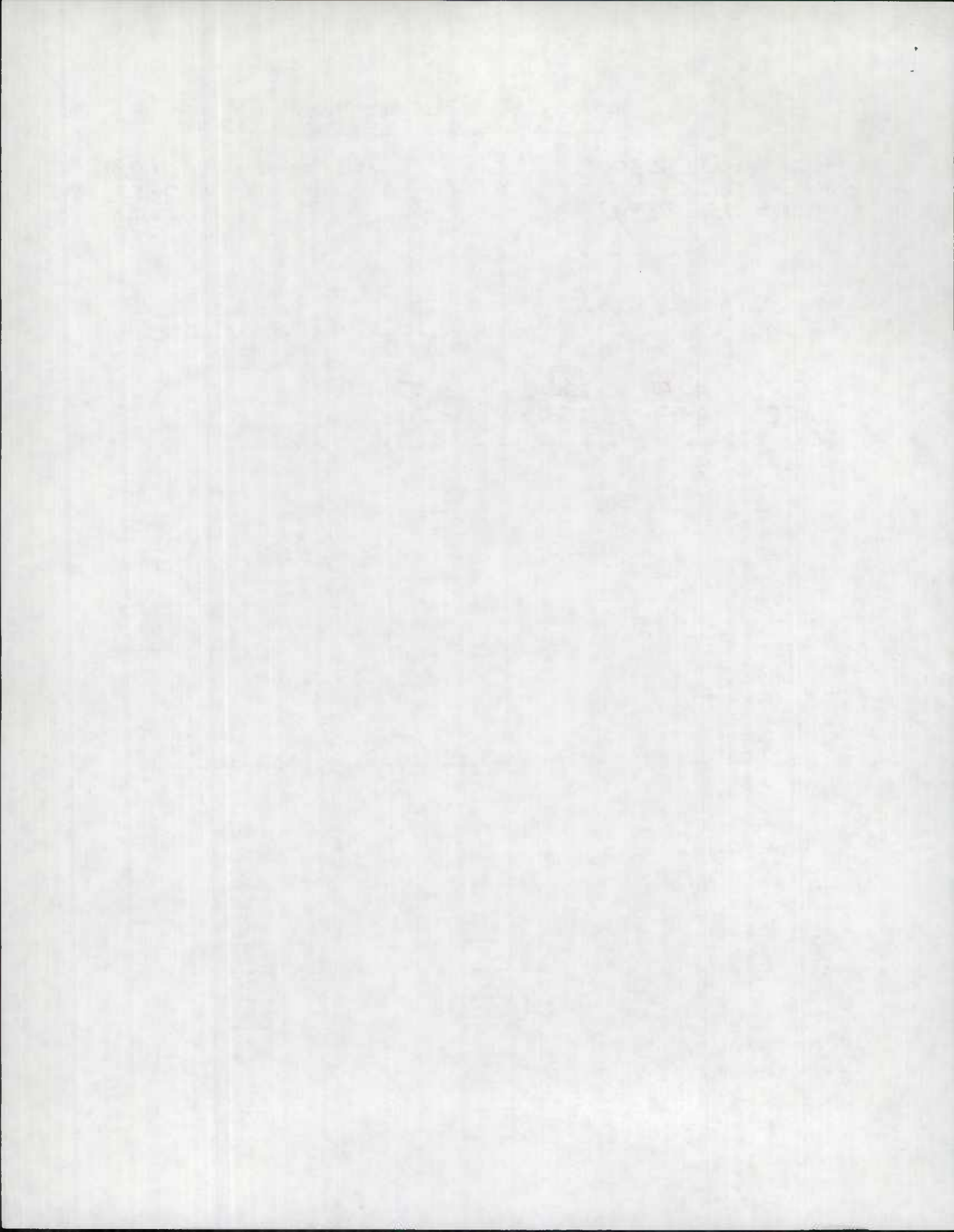
Route No: CO 1936  
 Sample No: 44  
 County: 15 (mry)

Starting Mile Pt: 0.43  
 Ending Mile Pt: 0.52  
(0.09)

Horizontal Curve Section

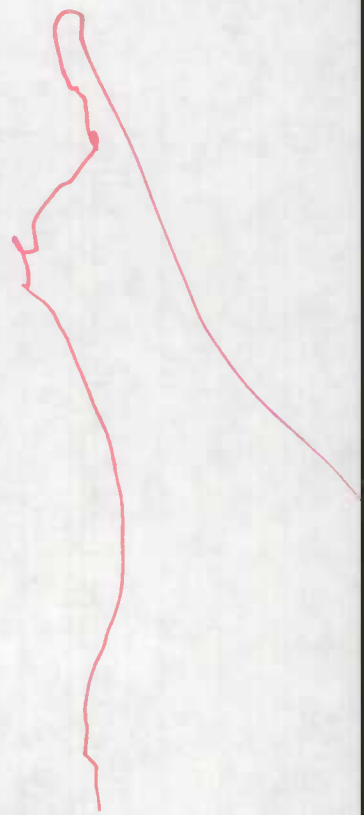
<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>426</u>	<u>99.95</u>	<u>0.5</u>	
<u>425</u>	<u>477</u>	<u>100</u>	<u>0</u>	
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<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. 28+	-----	-----









V  
11110

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

Route No: CO 1936  
Sample No: 45  
County: 15 (Mny)

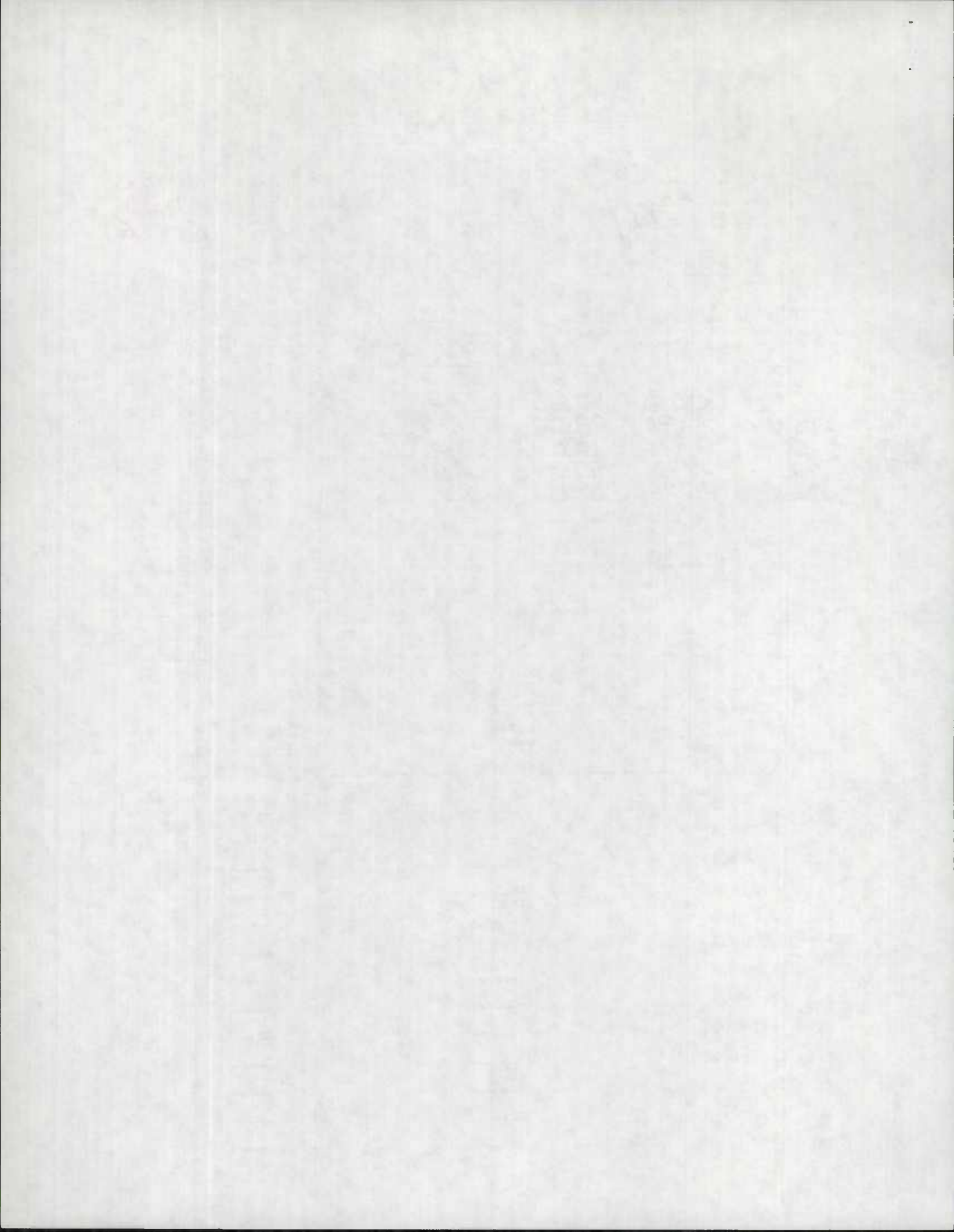
Starting Mile Pt: 0.52  
Ending Mile Pt: 1.38  
(0.86)

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>Ordi. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>2104</u>	<u>100</u>	<u>0</u>	-----
<u>2104</u>	<u>2334</u>	<u>99.8</u>	<u>2.2</u>	-----
<u>2334</u>	<u>3725</u>	<u>100</u>	<u>0</u>	-----
<u>2725</u>	<u>3963</u>	<u>99.7</u>	<u>3.1</u>	-----
<u>3963</u>	<u>4382</u>	<u>100</u>	<u>0</u>	-----
-----	<u>75</u>	-----	-----	-----
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11117  
11113

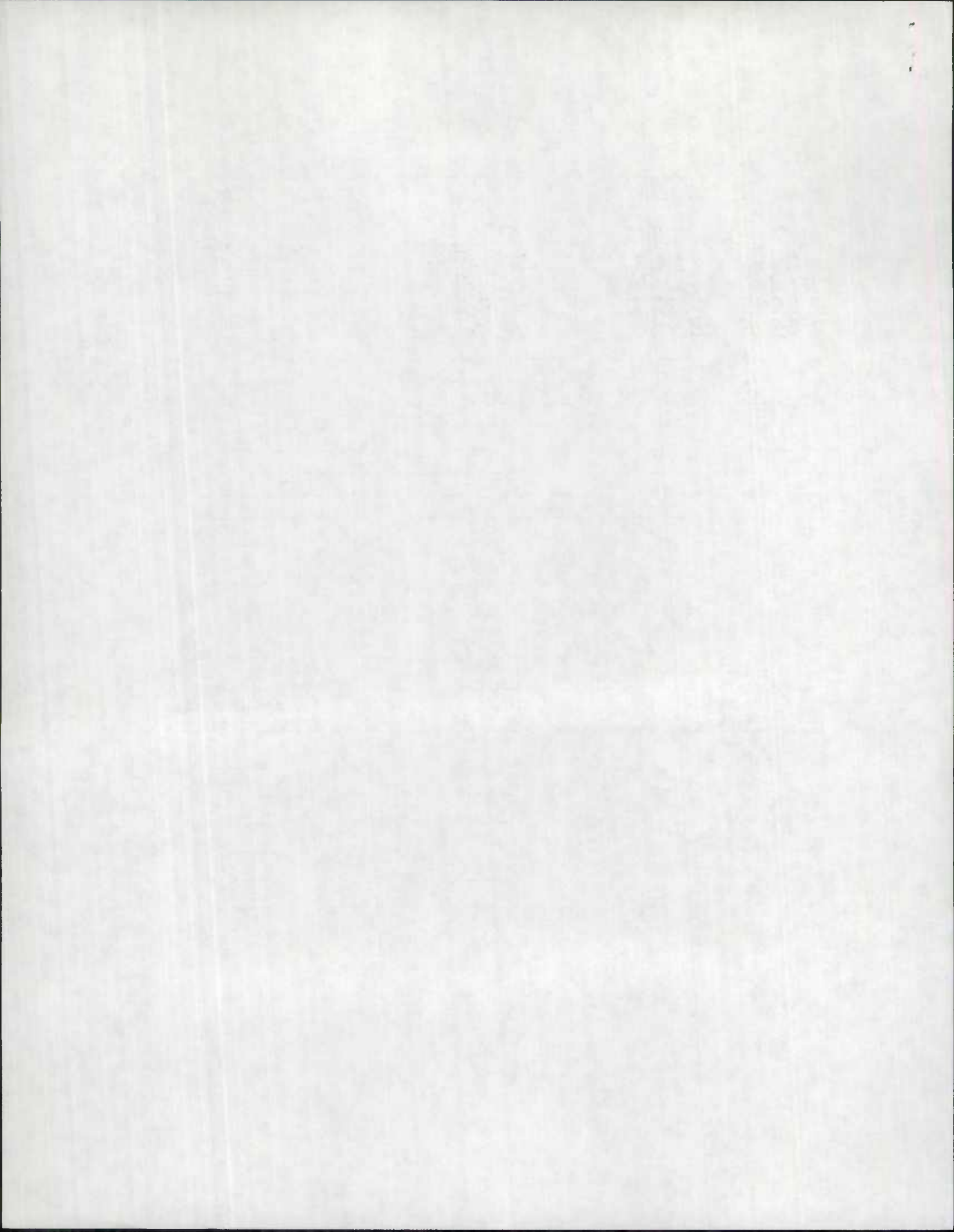
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	-----	-----
b.	0.5-1.4	-----	-----
c.	1.5-2.4	-----	-----
d.	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.	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	1413	0%	
1413	1793	-6.5%	
1793	2104	0%	
2104	2334	-4.2%	
2334	<u>2386</u>	0%	
	↓		
	?		
	.		

	<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-	_____	_____





✓ 11/12

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

Route No: CO 3428  
Sample No: ~~CO 3428~~ 46  
County: 15 (ML)

Starting Mile Pt: 0.00  
Ending Mile Pt: 0.61  
(0.61)

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>
0	1322	100	0	-----
R 1322	1678	99	5.8	-----
1678	2186	100	0	-----
L 2186	2791	99.7	3.0	-----
2791	3222	100	0	-----
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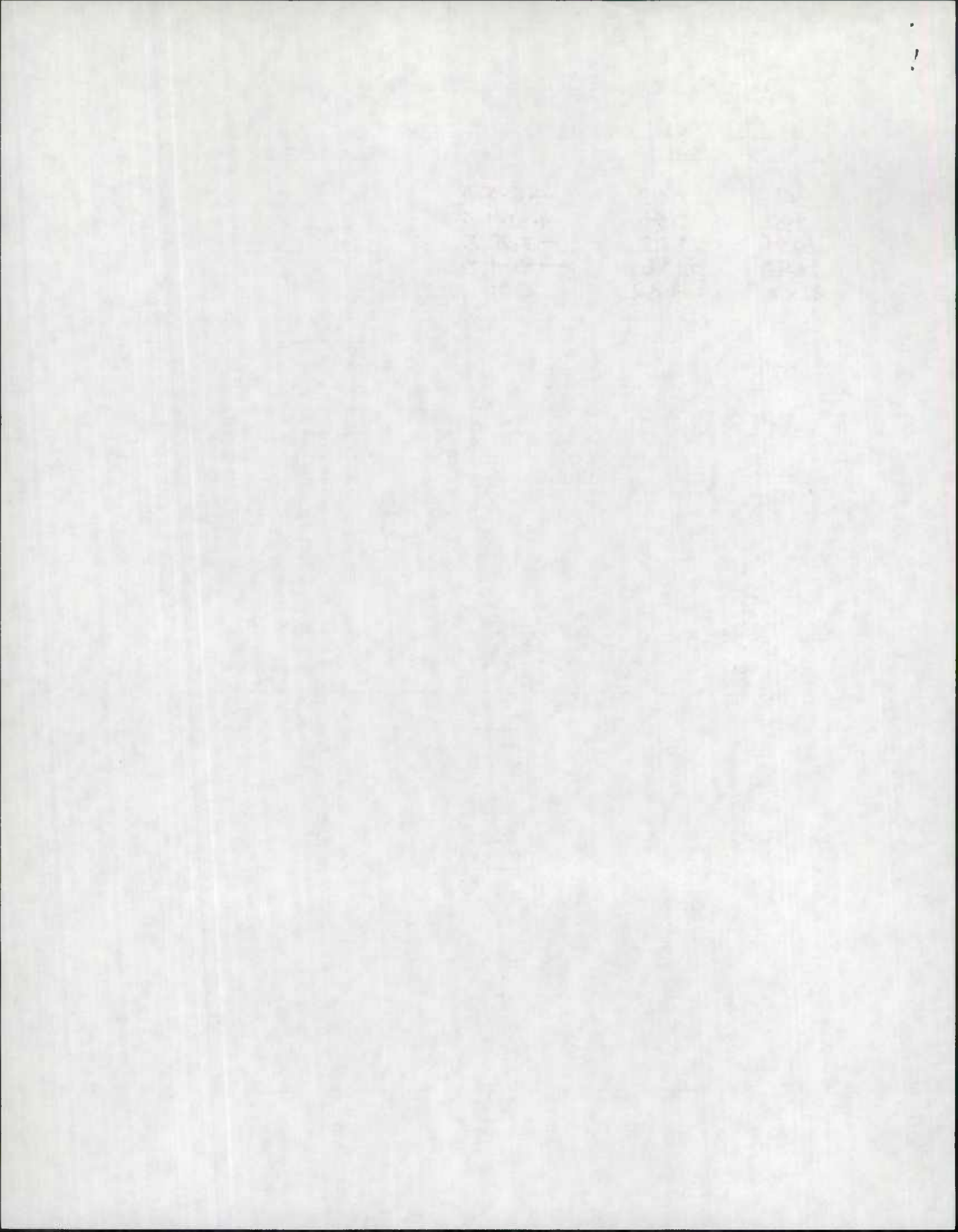
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	-----	-----
b.	0.5-1.4	-----	-----
c.	1.5-2.4	-----	-----
d.	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.	28+	-----	-----

Handwritten scribble in red ink, possibly a signature or initials.

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	400	-6.5%	
400	1046	+1.1%	
1046	1858	-3.8%	
1858	2186	-4.4%	
2186	3222	0%	

	<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-	_____	_____



V 11/10

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

Route No: CO 3727  
 Sample No: 47  
 County: 15 (Mry)

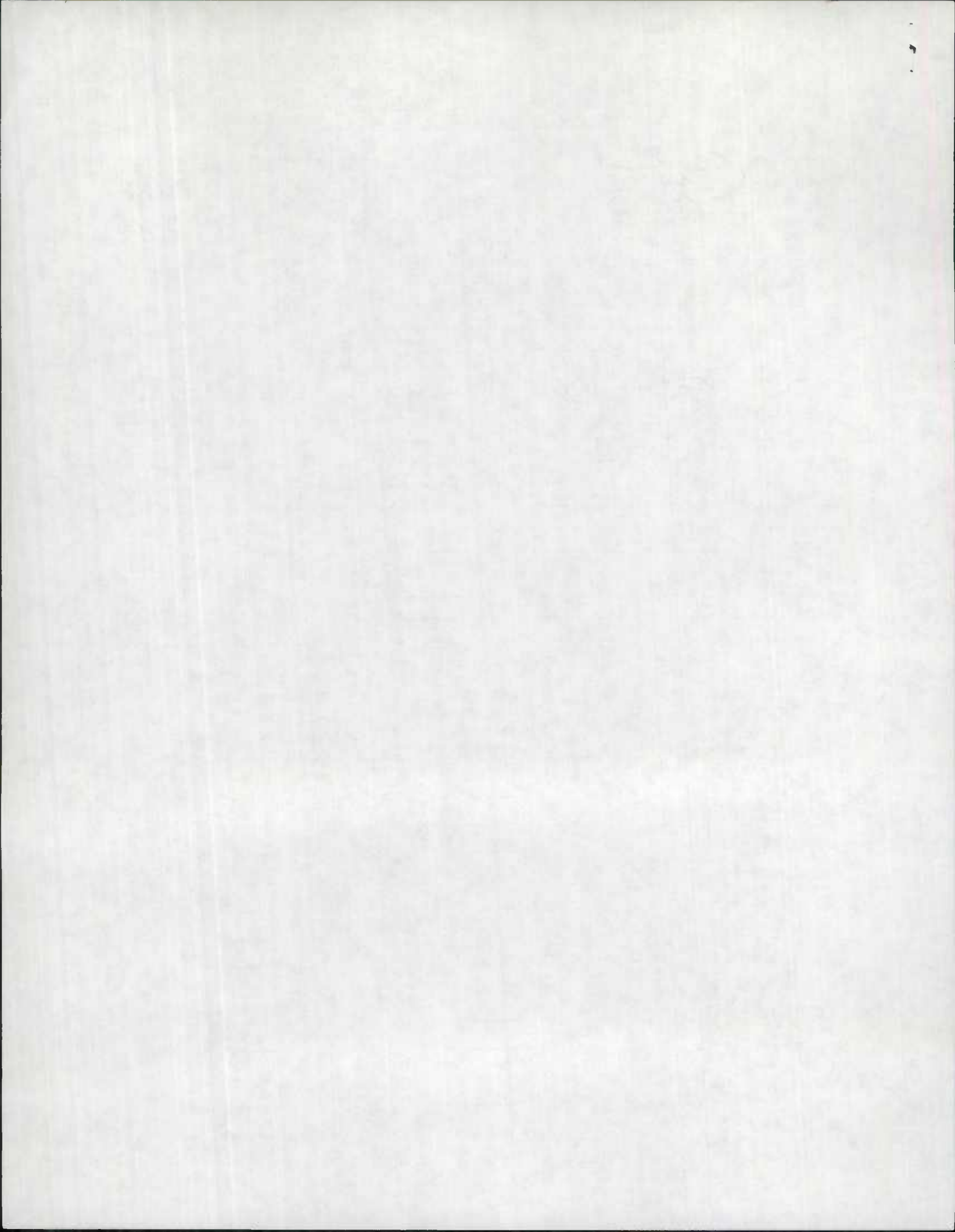
Starting Mile Pt: 0.55  
 Ending Mile Pt: 0.65  
(0.10)

Horizontal Curve Section

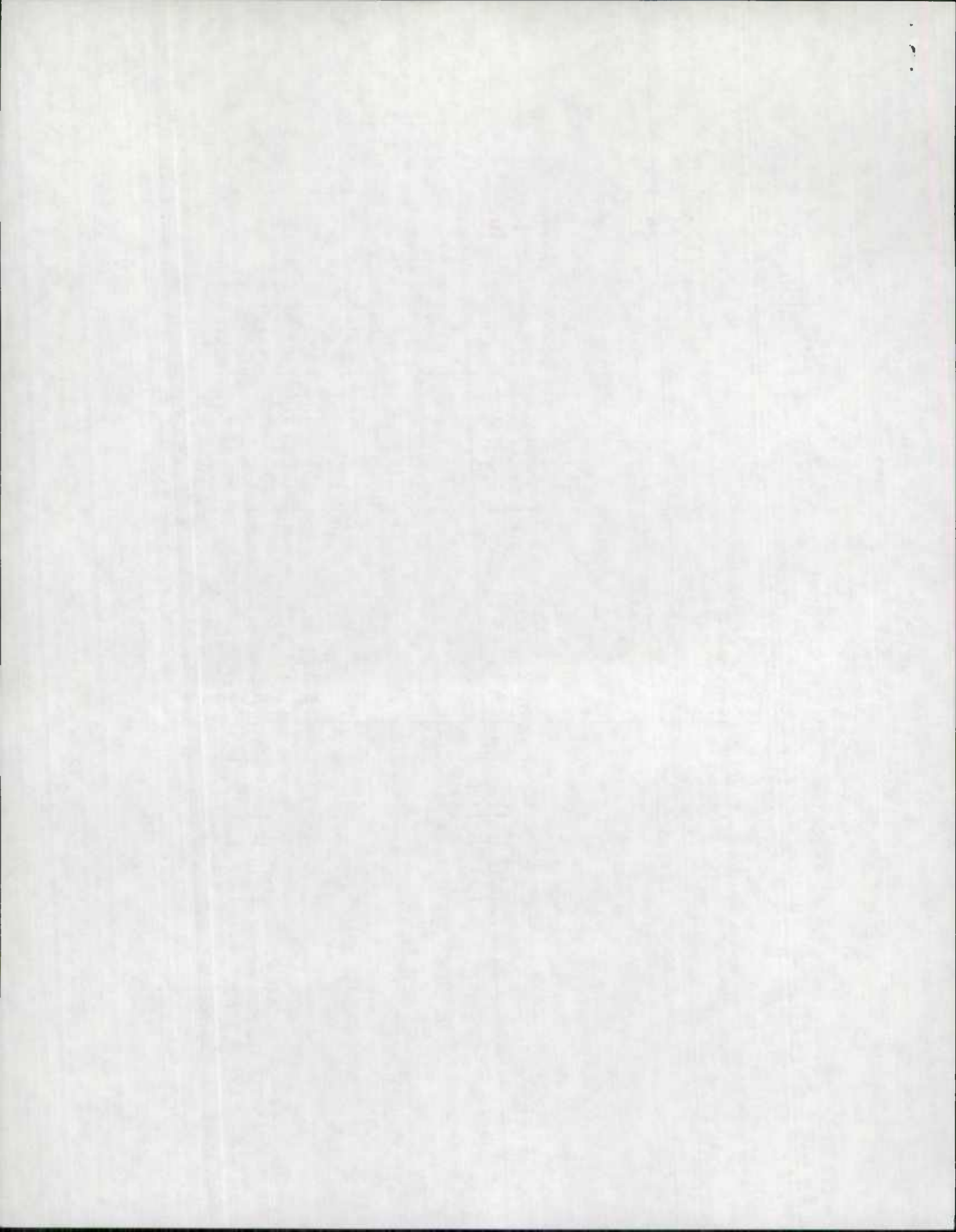
<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ordi. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>528</u>	<u>100</u>	<u>0</u>	
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	<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.	28+	_____	_____









July 10

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

Route No: CO 3727  
Sample No: 48  
County: 15 (mry)

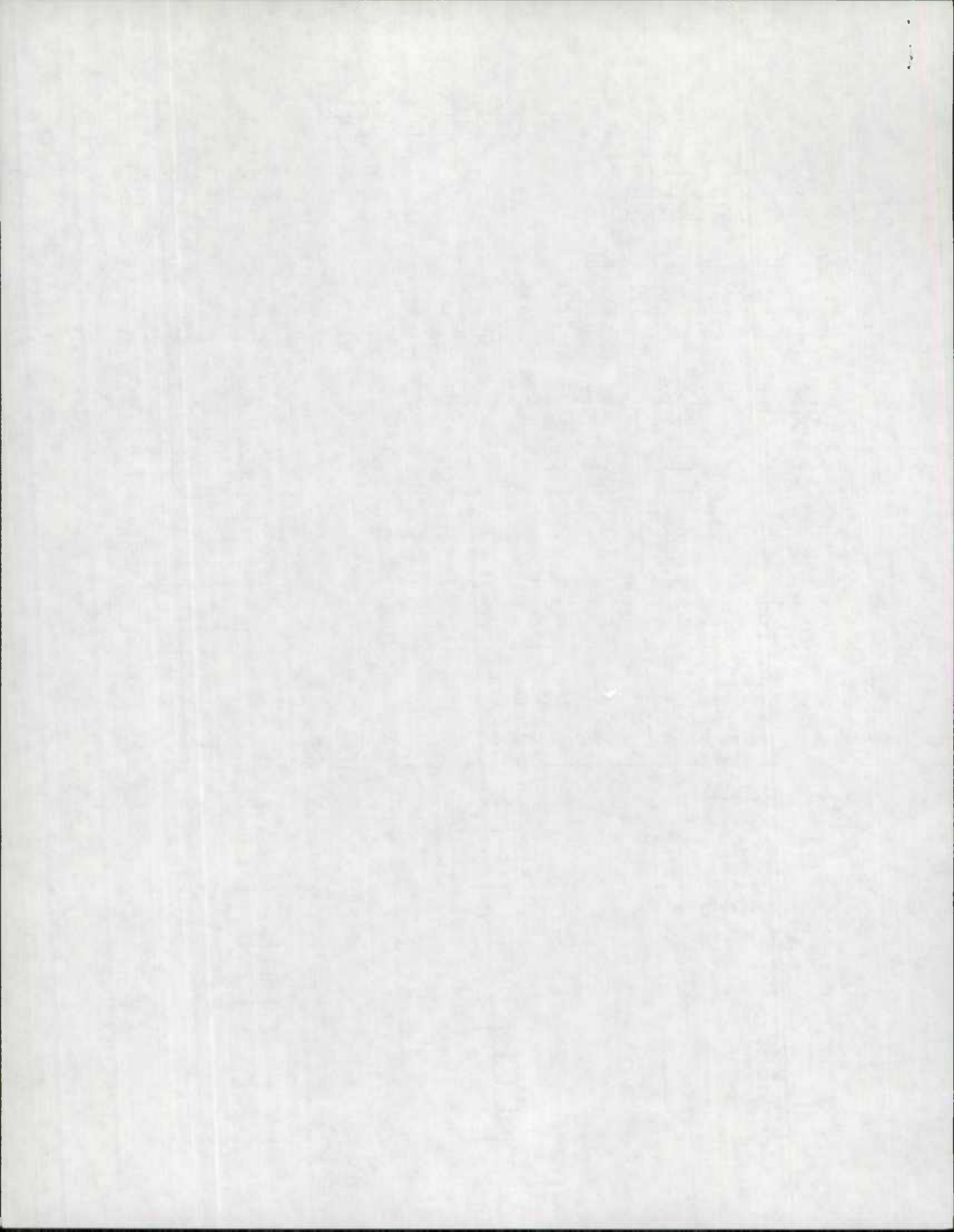
Starting Mile Pt: 0.65  
Ending Mile Pt: 0.76  
(0.11)

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>422</u>	<u>99.8</u>	<u>2.1</u>	
<u>422</u>	<u>581</u>	<u>100</u>	<u>0</u>	
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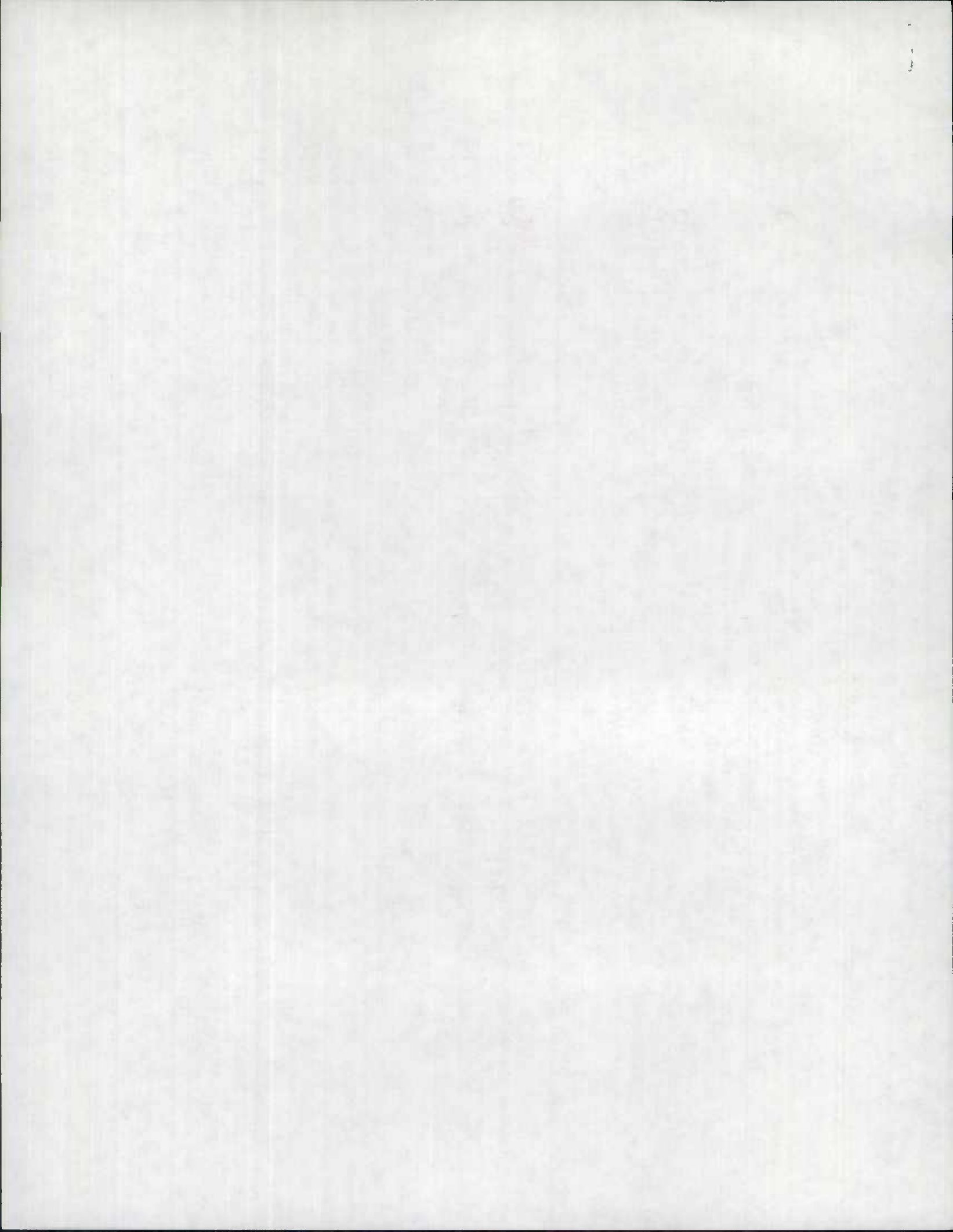
3x-52

<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. 28+	-----	-----

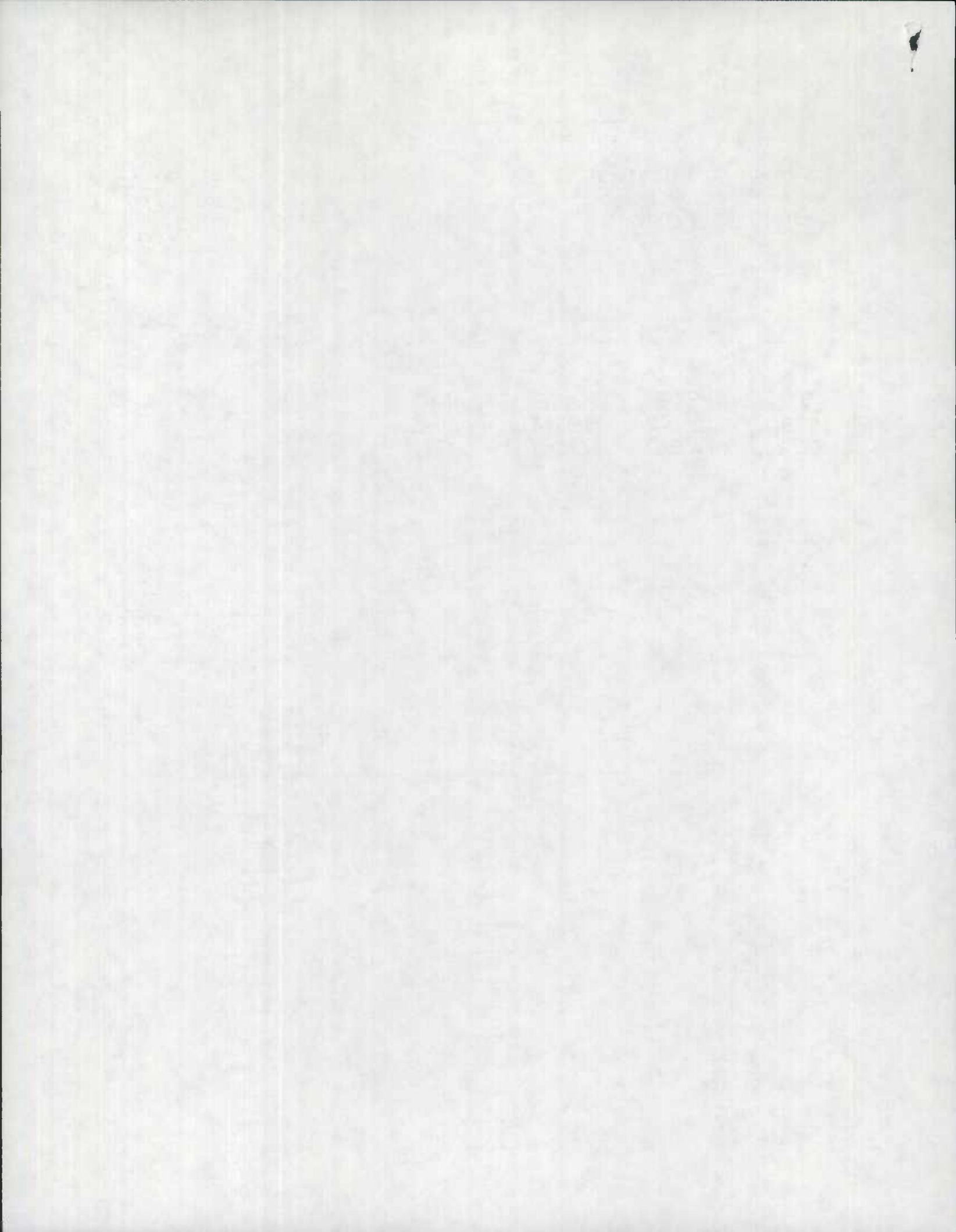






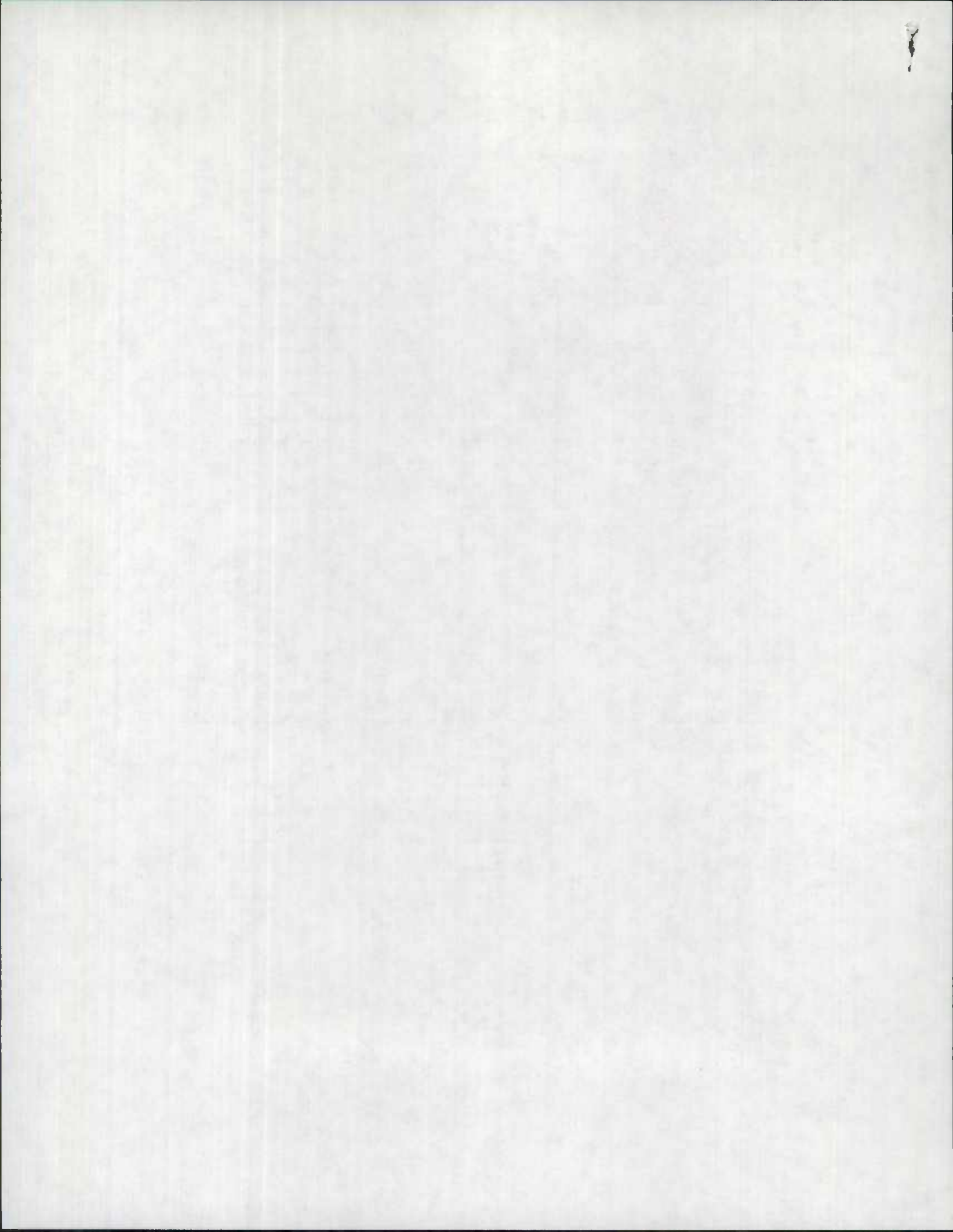




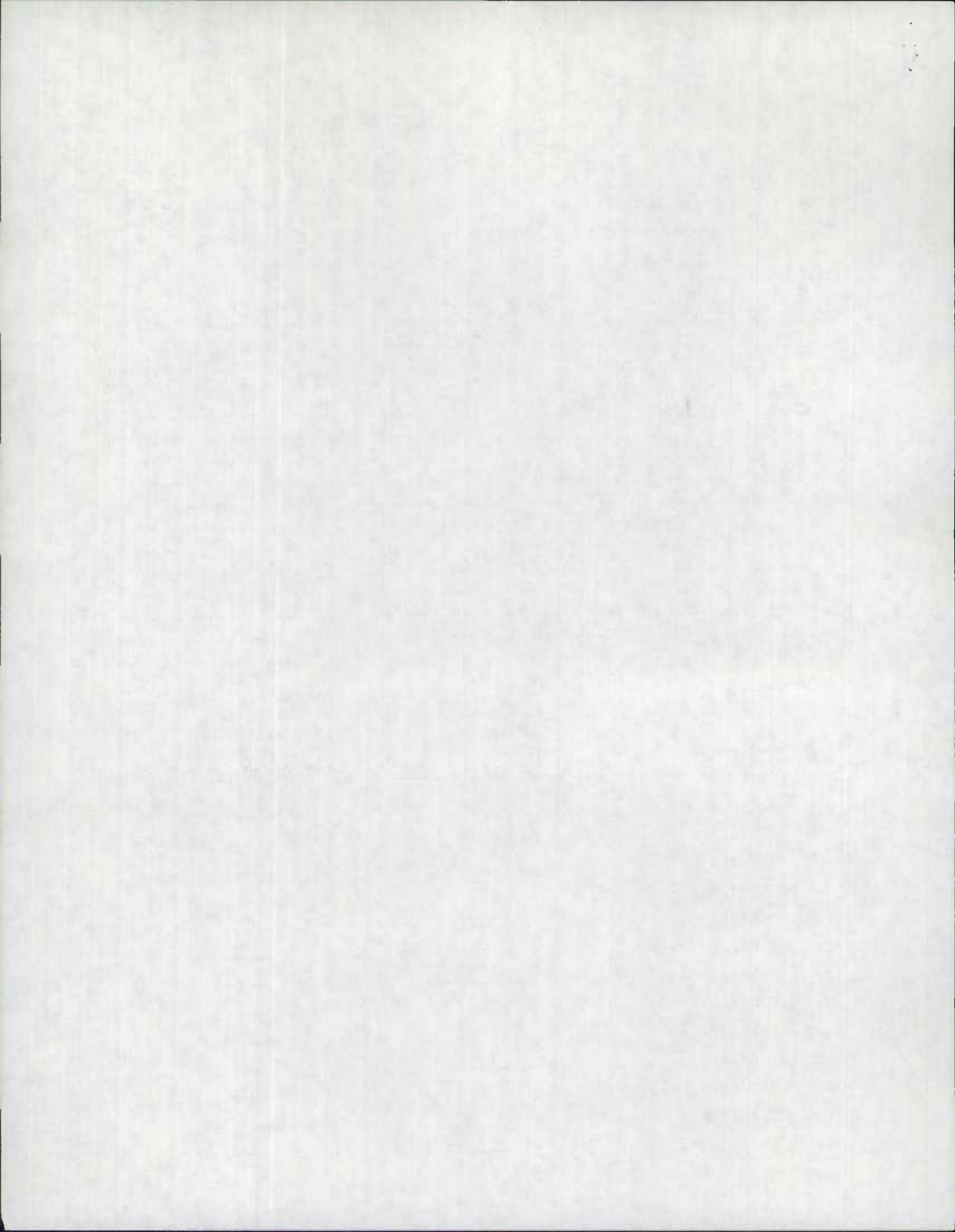




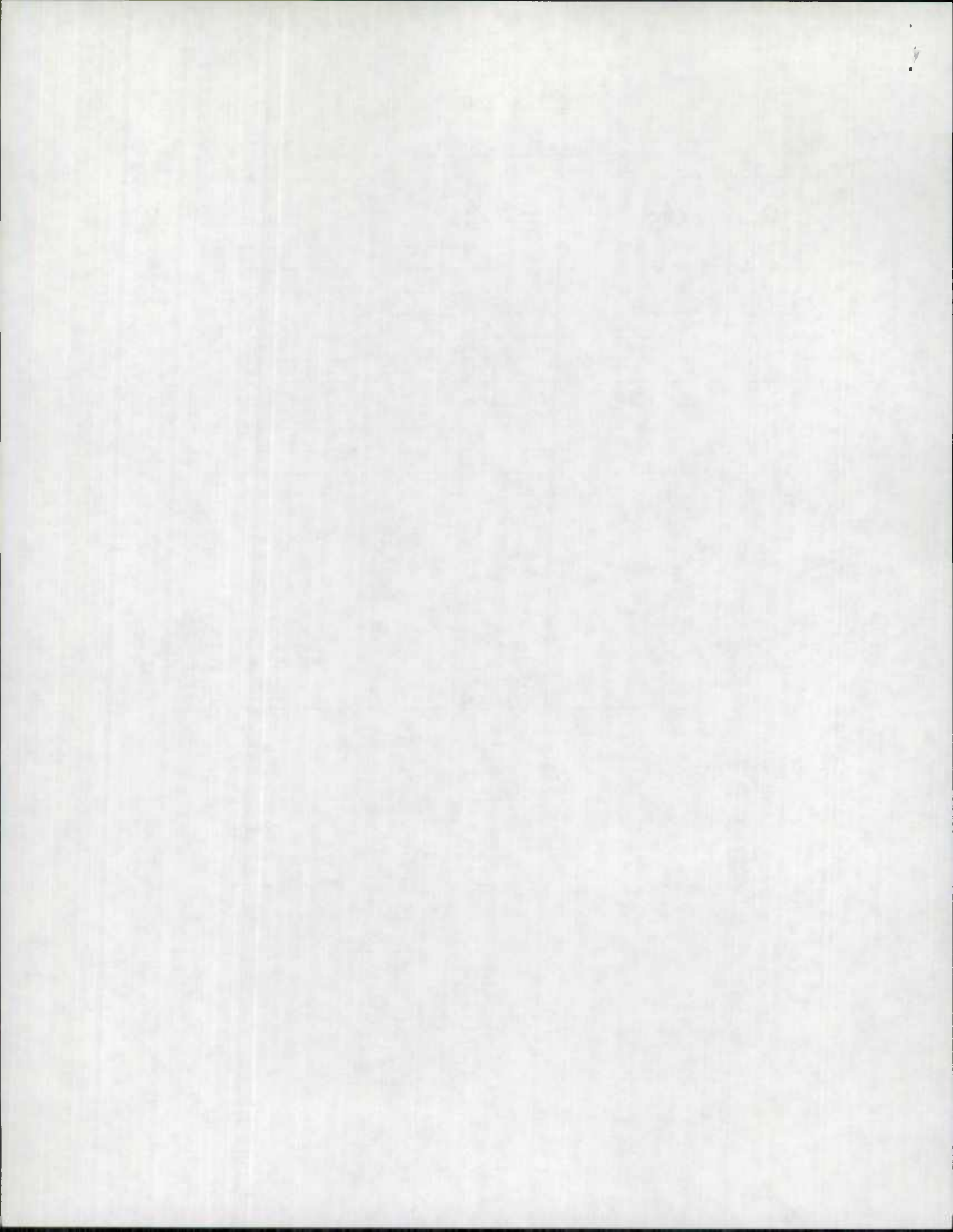






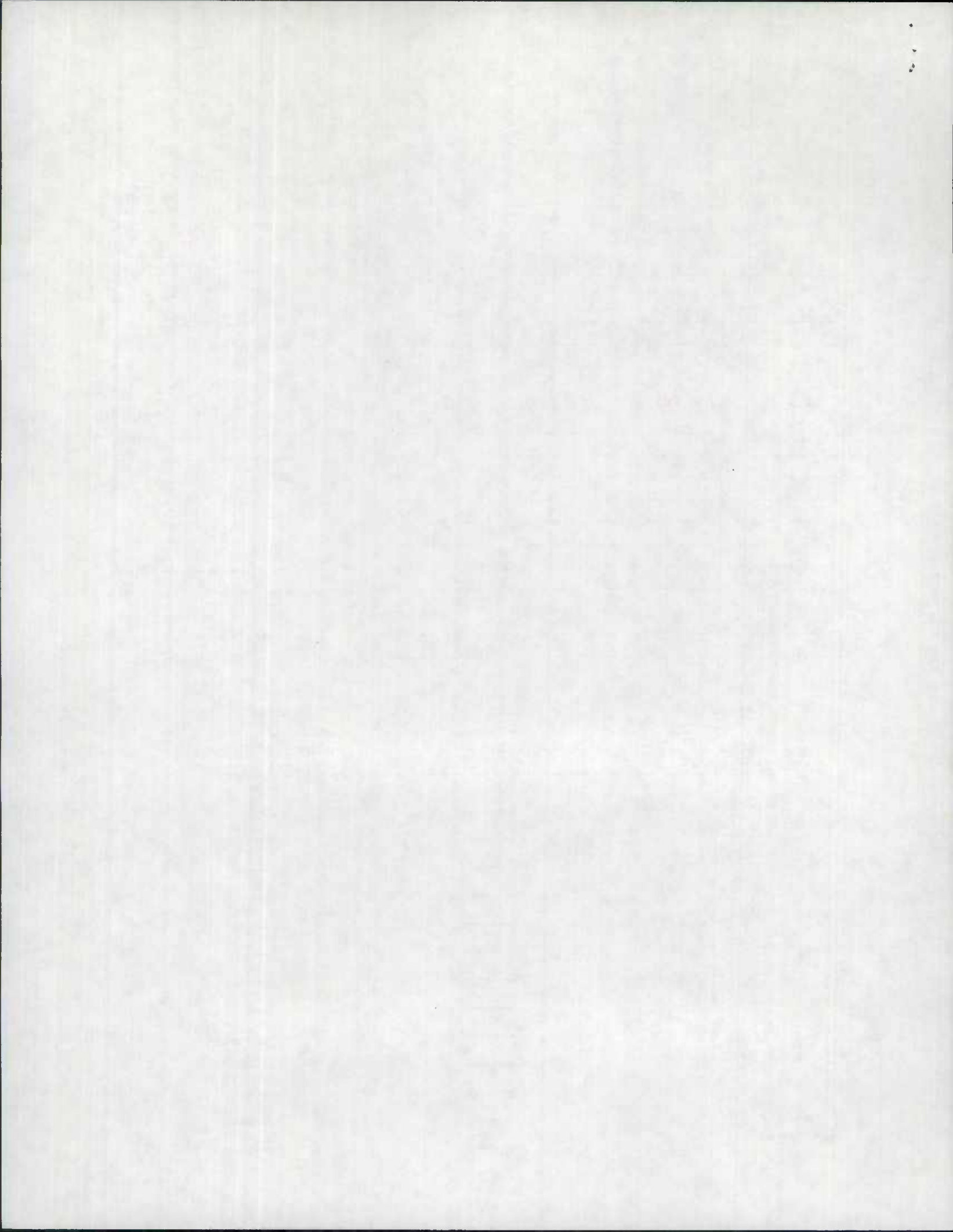










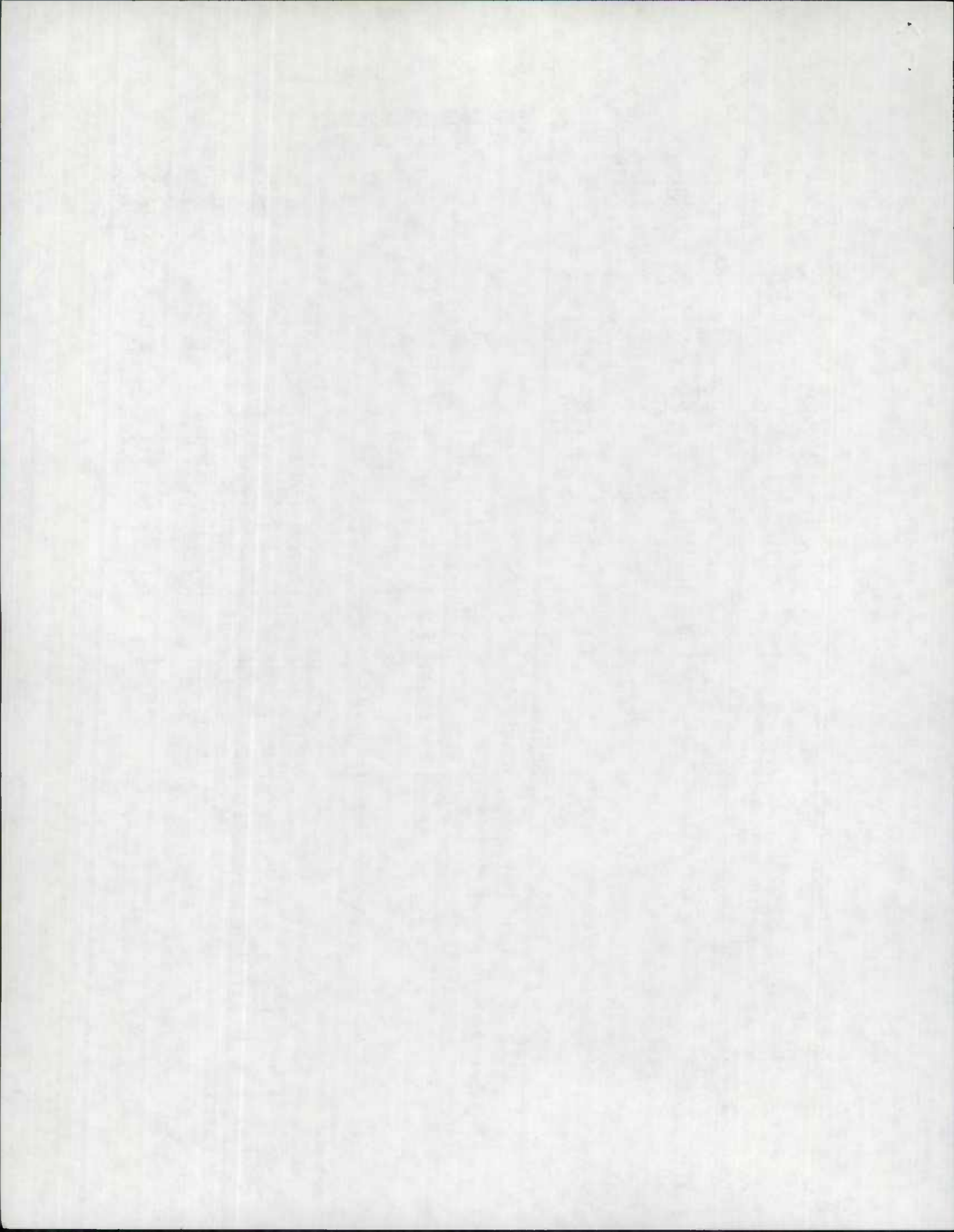




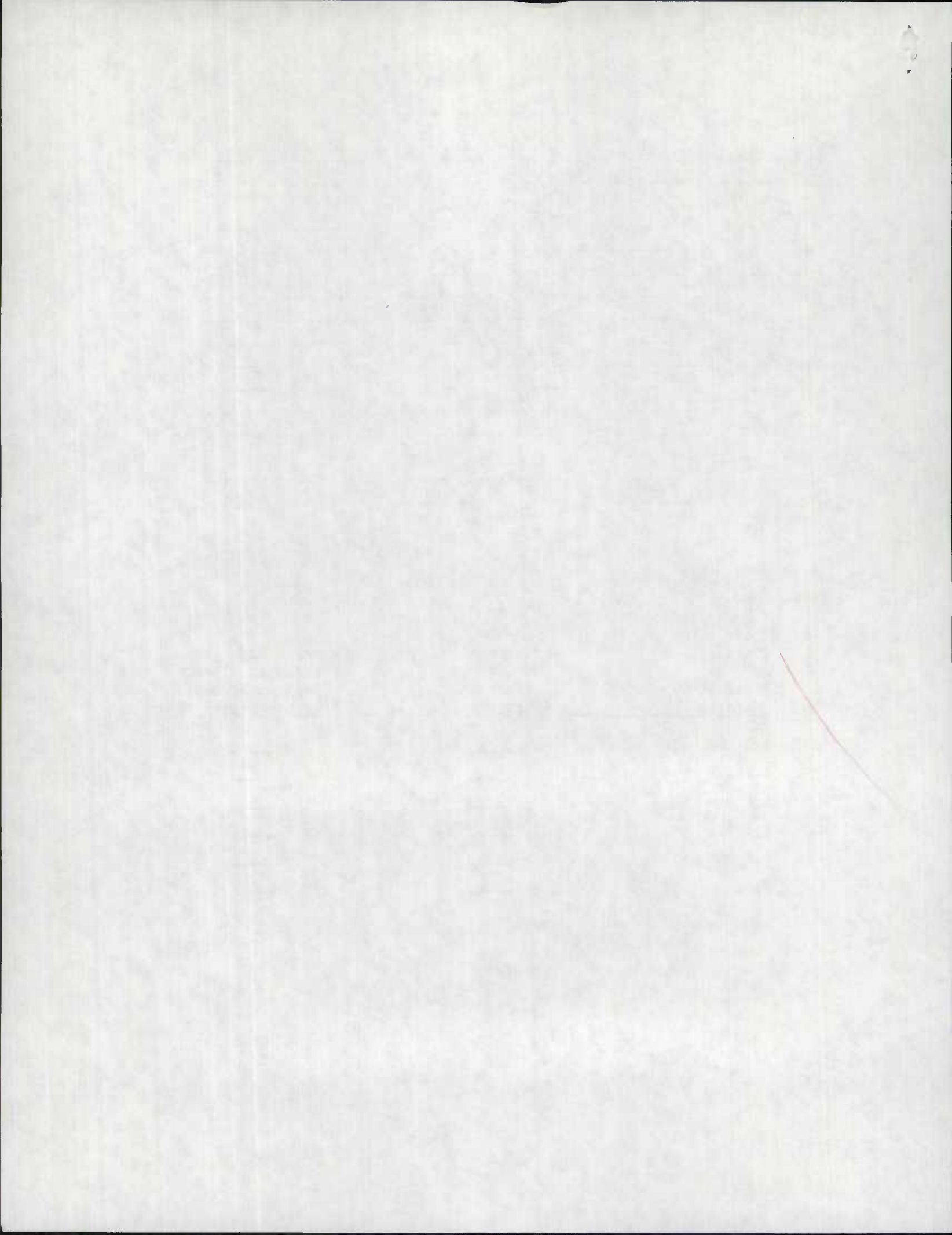
1



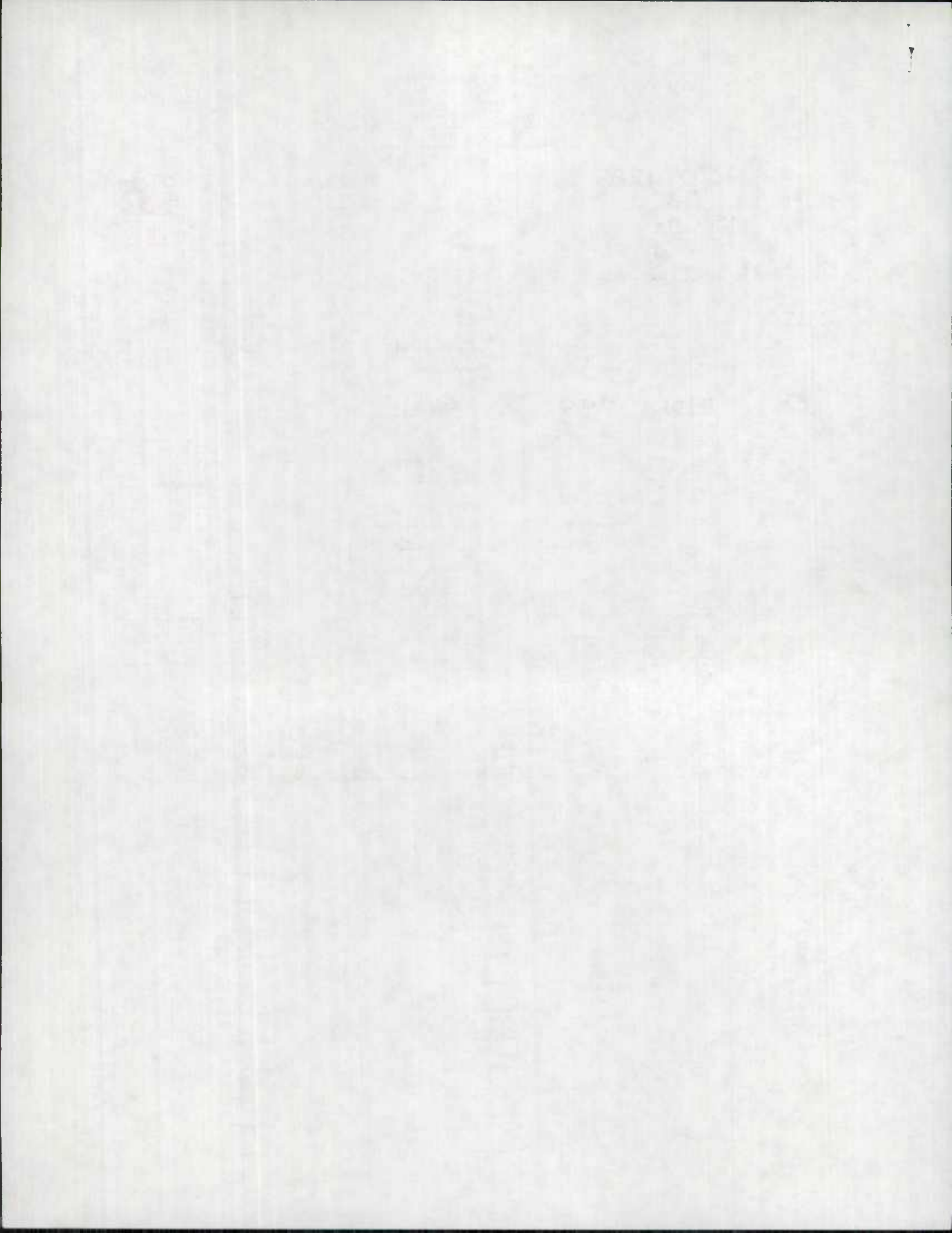






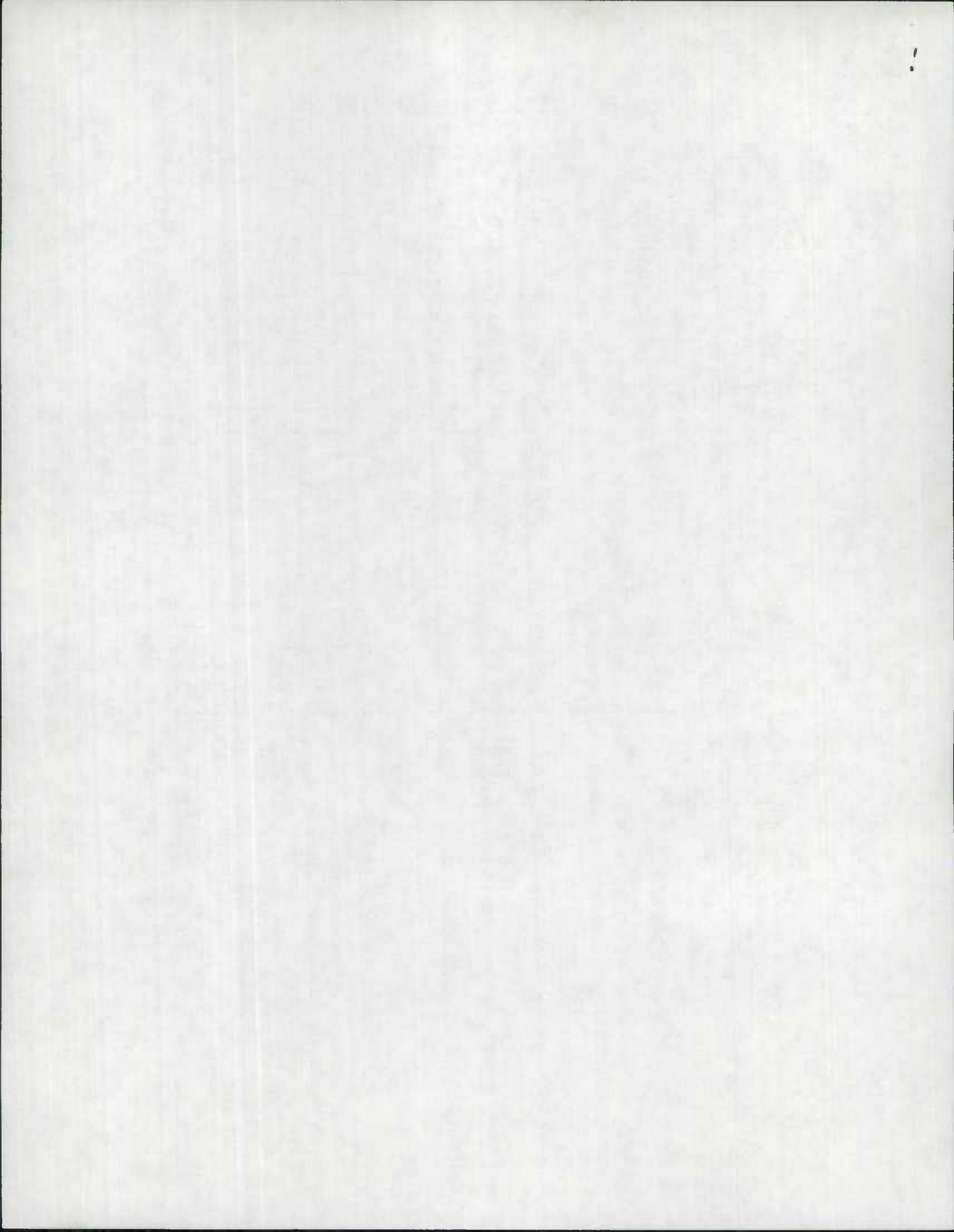




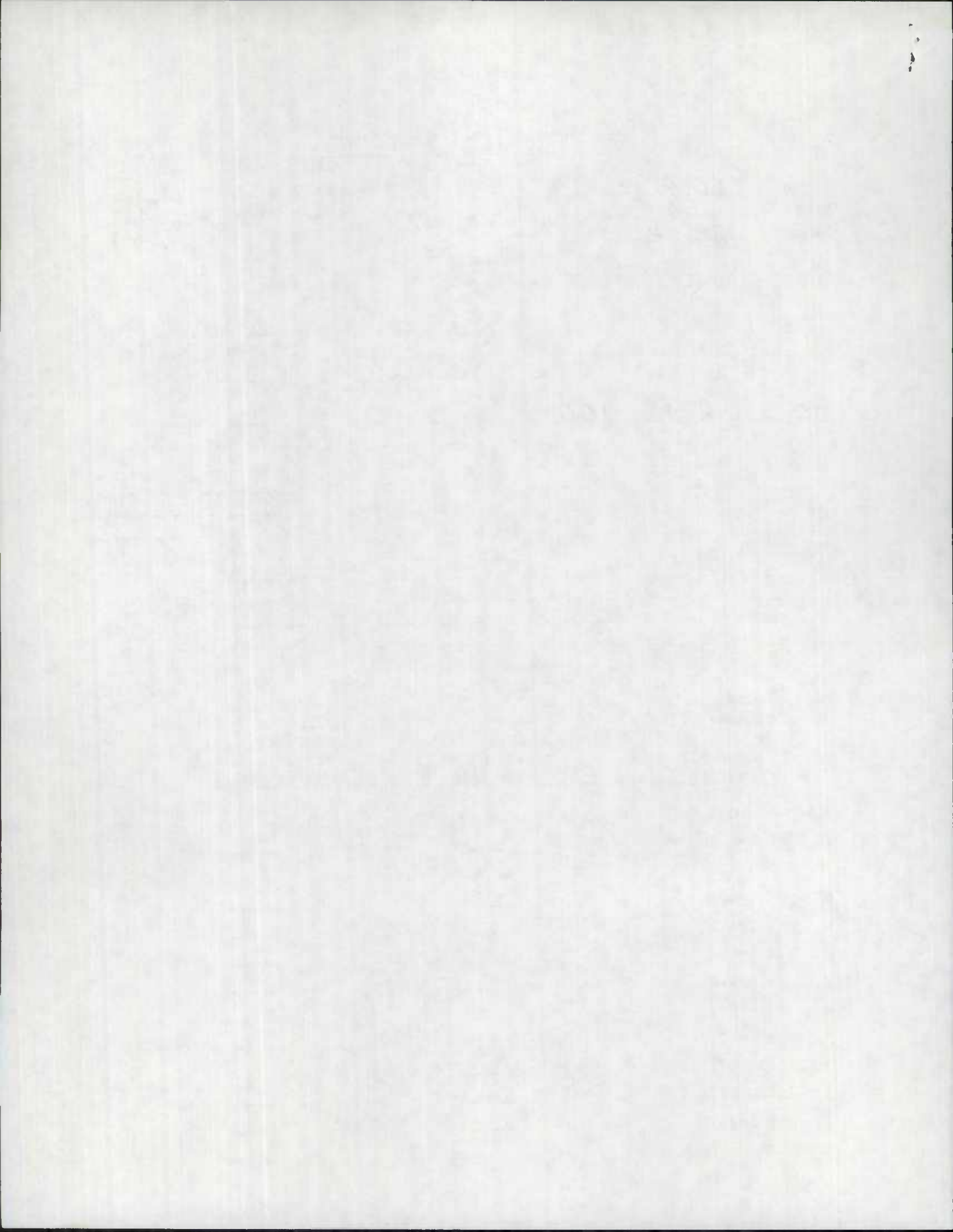






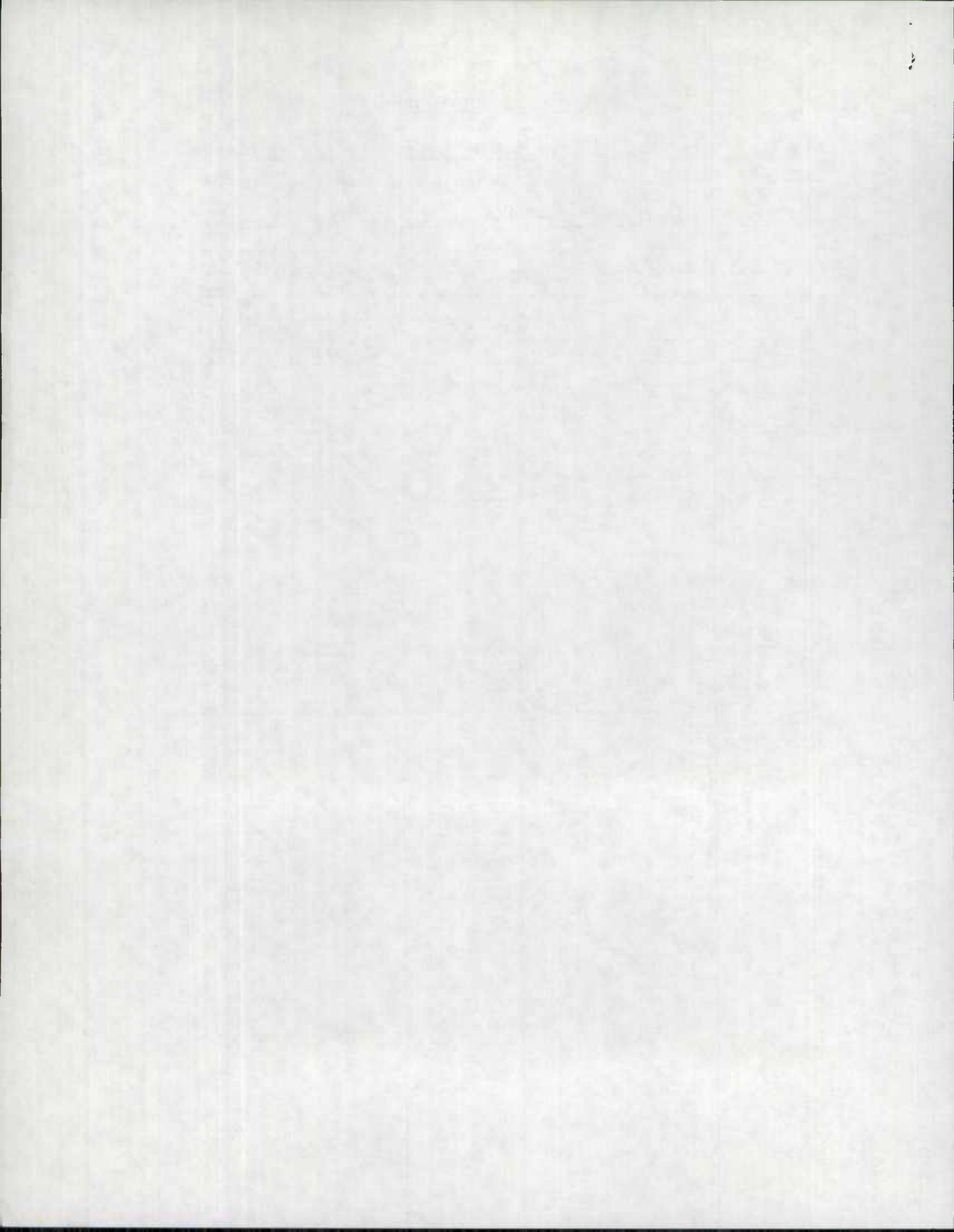




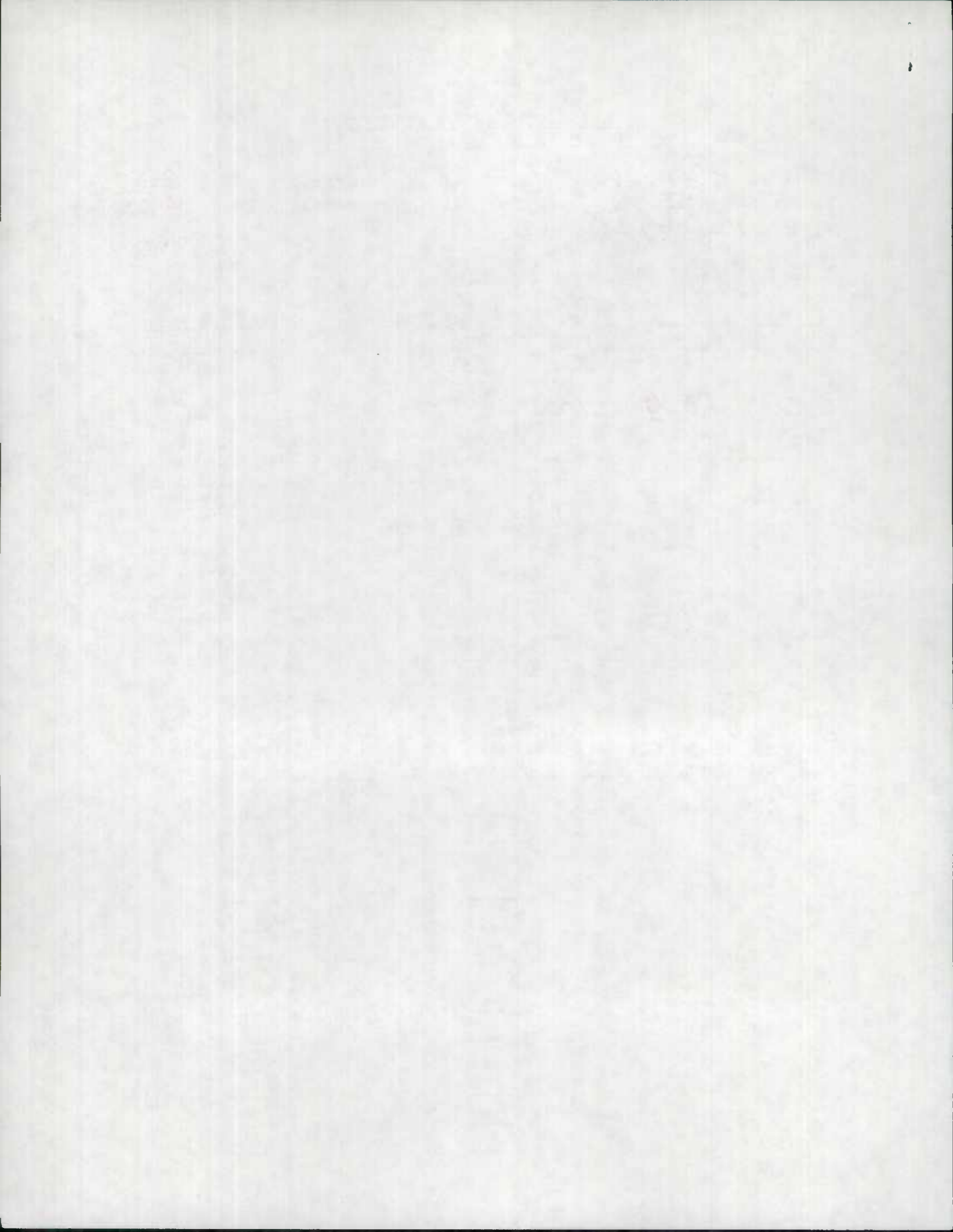




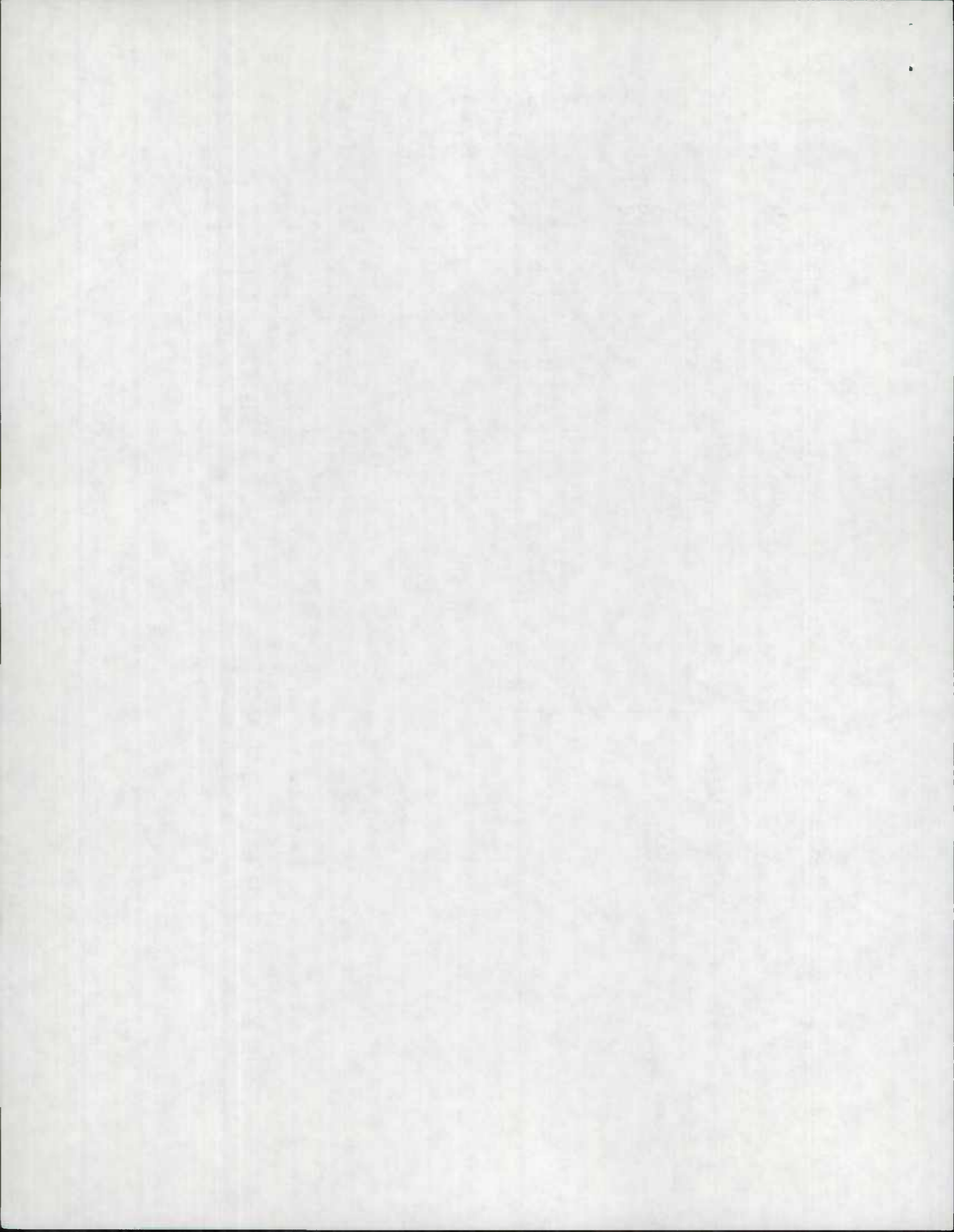






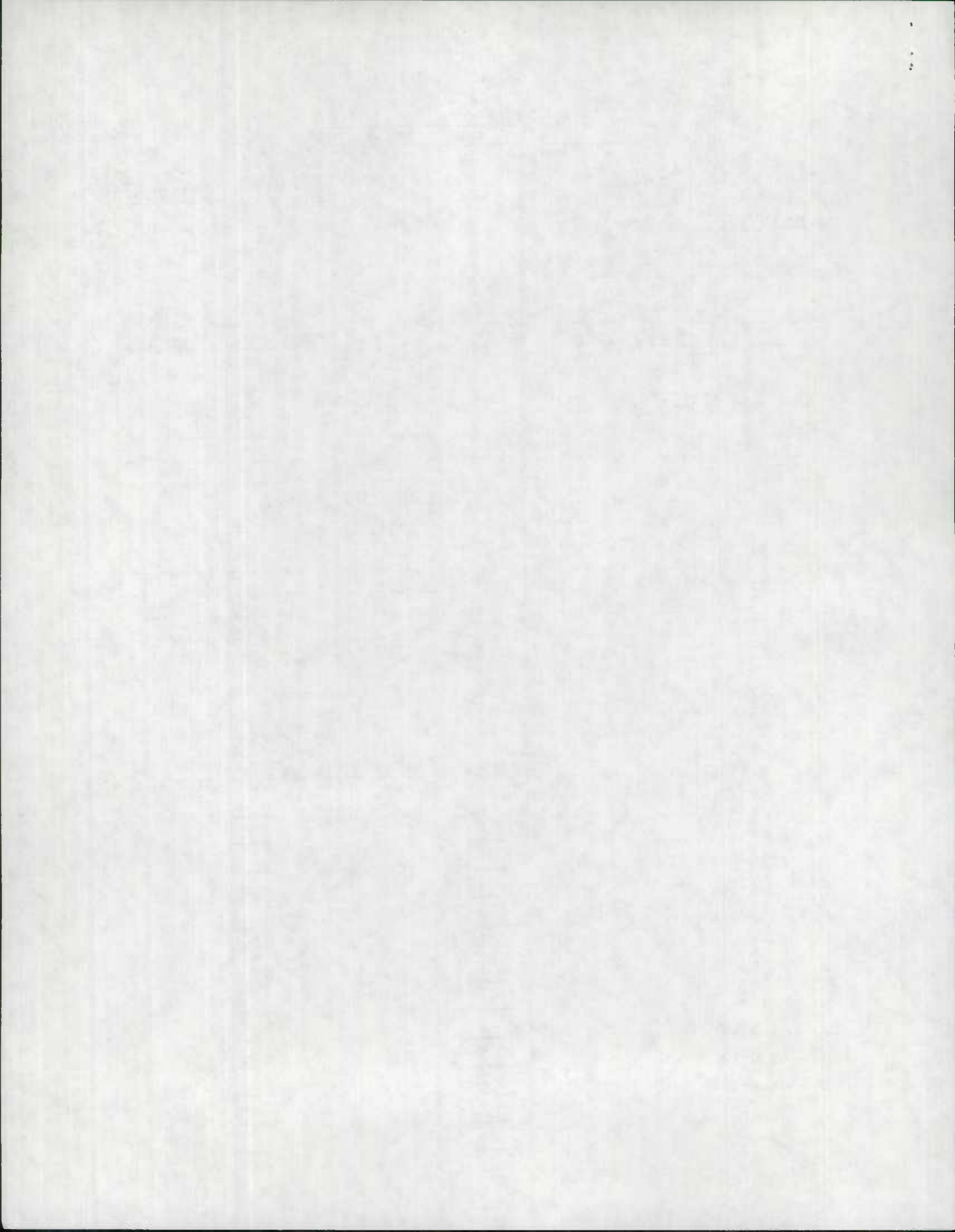




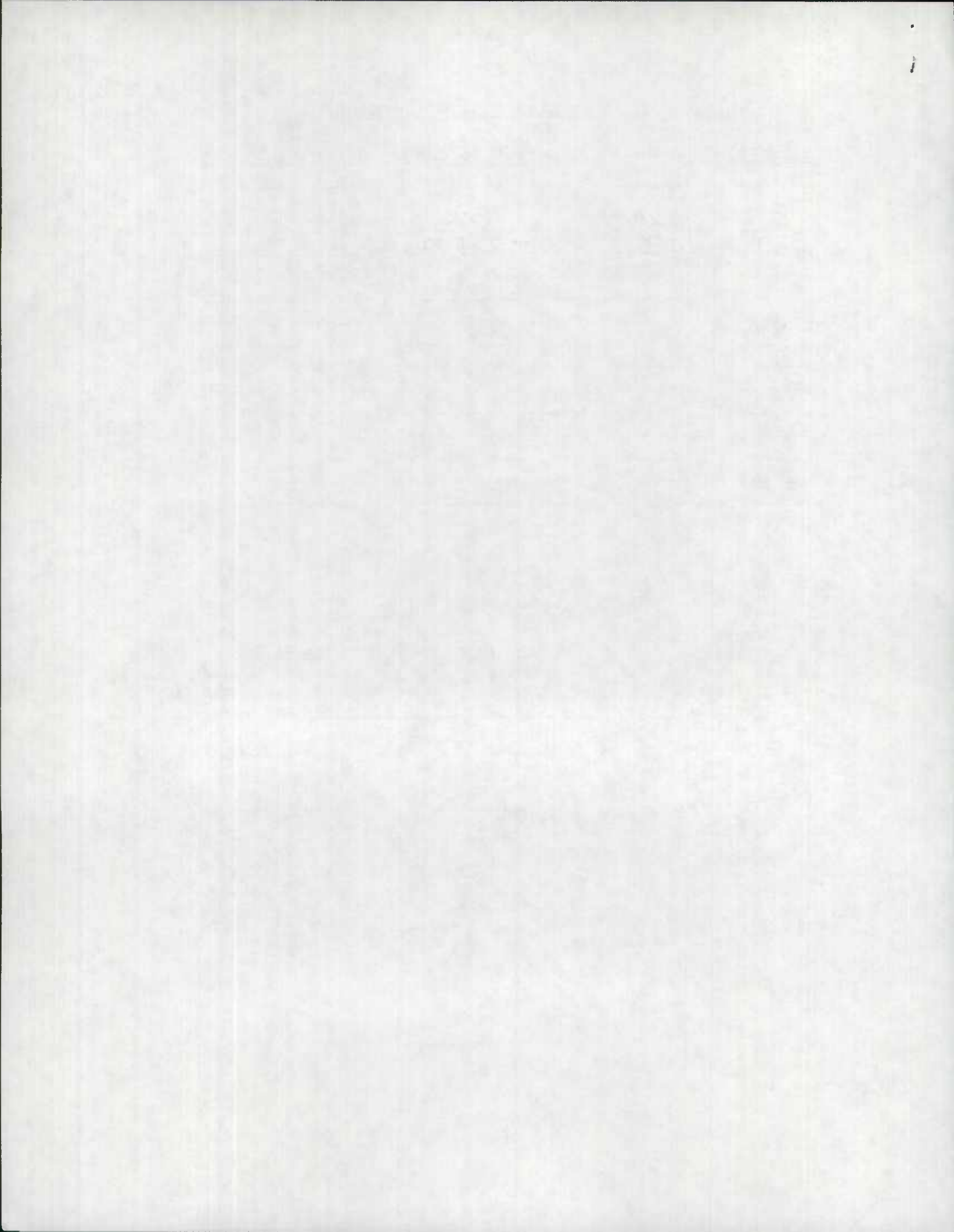






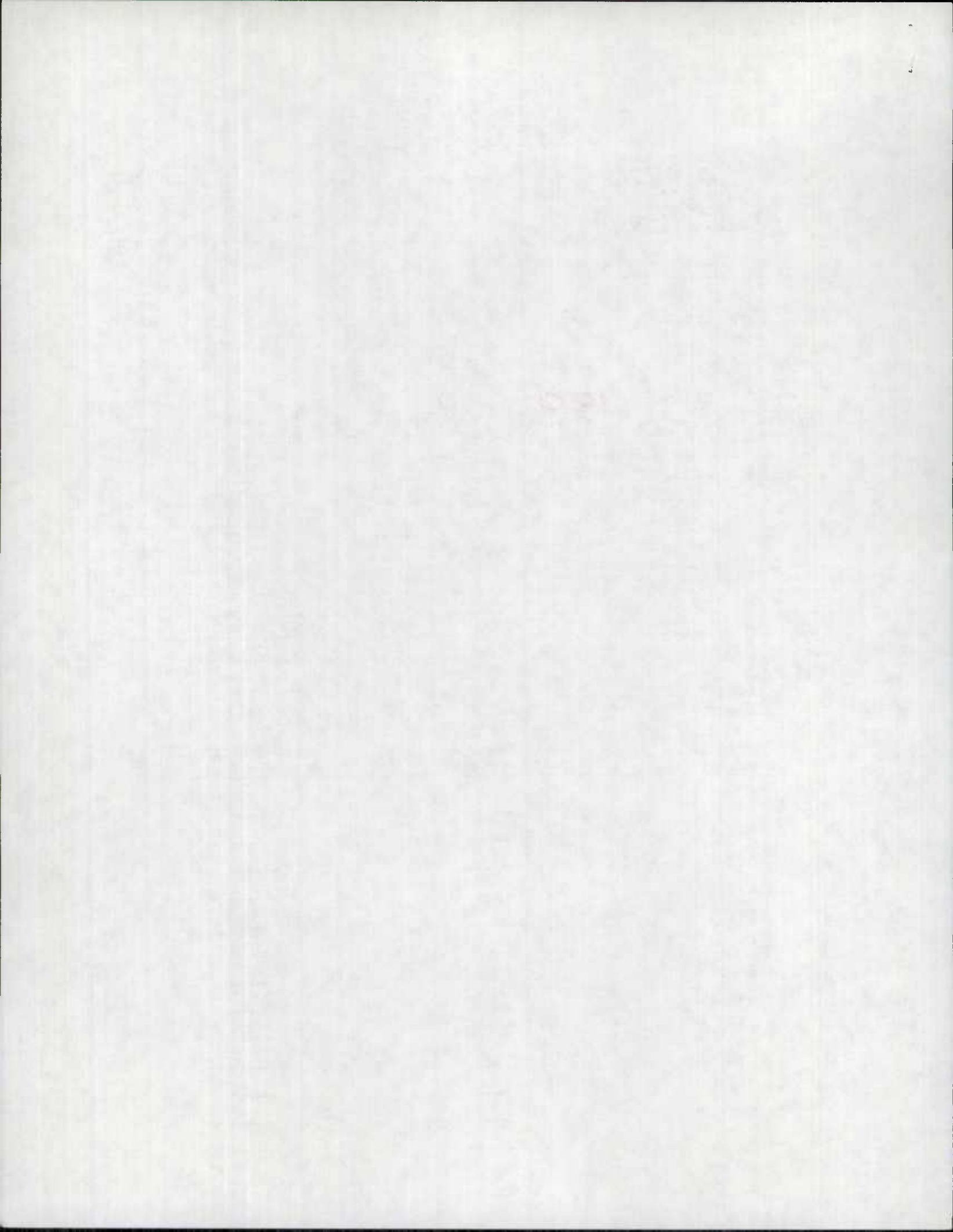








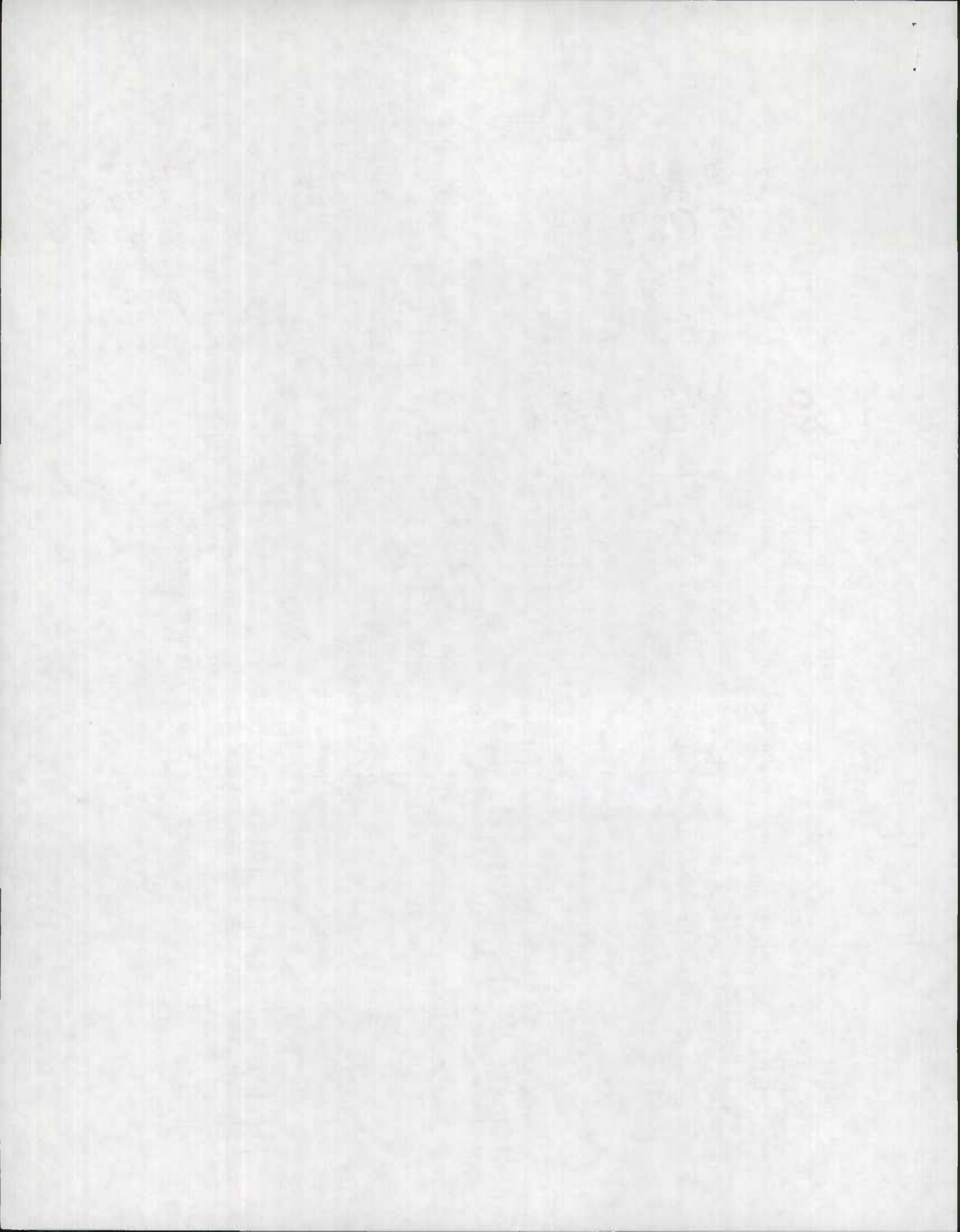






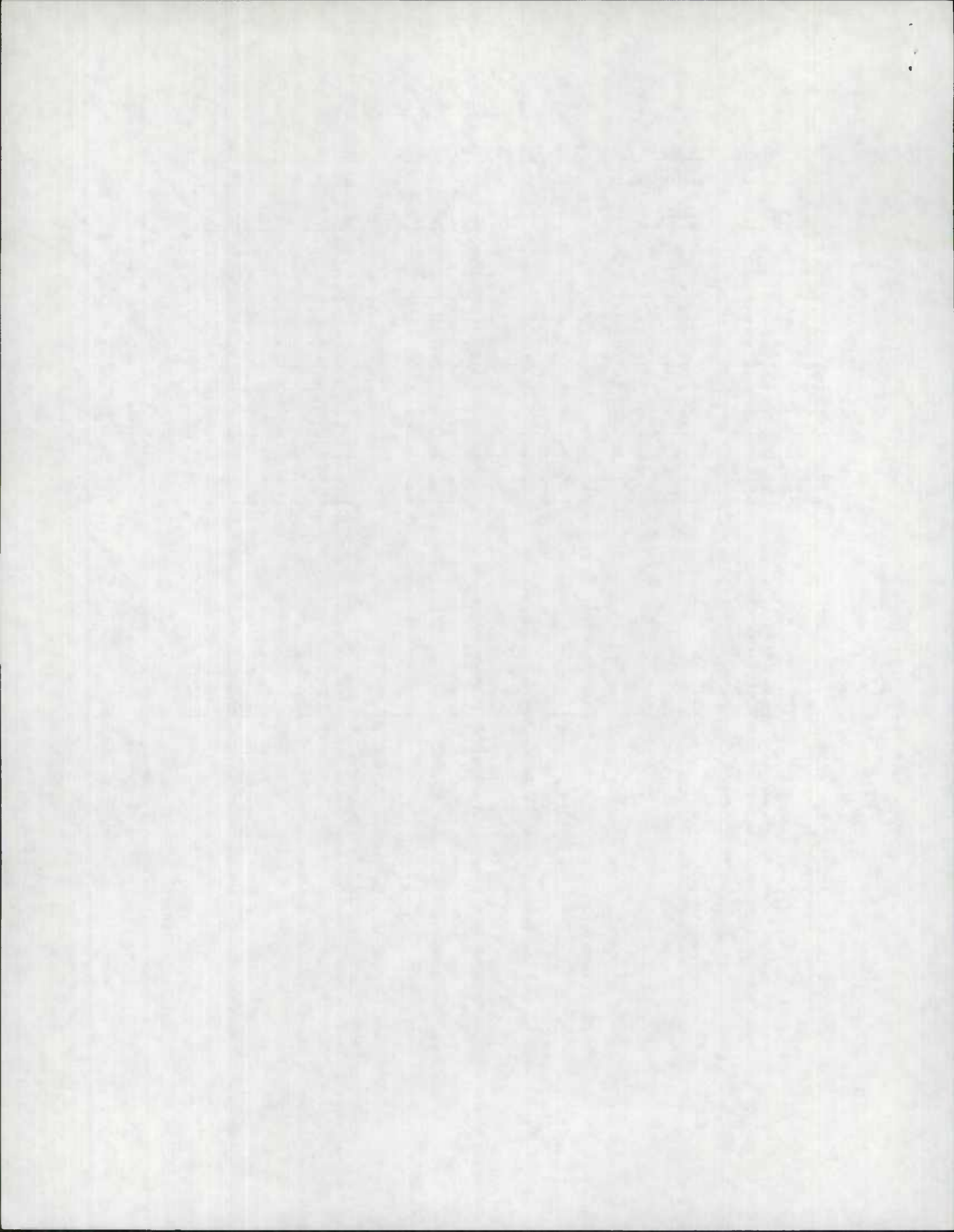




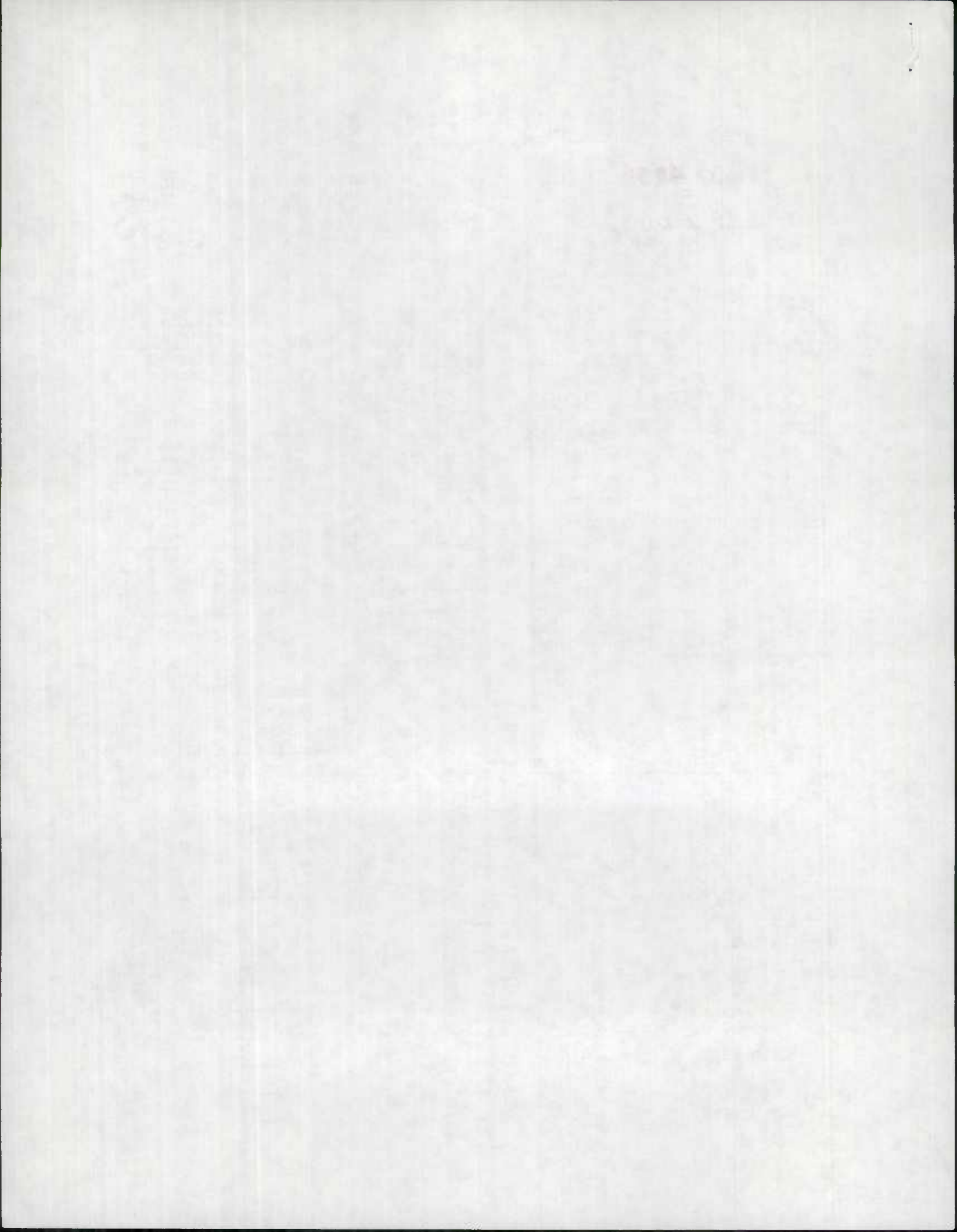


















11/10

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

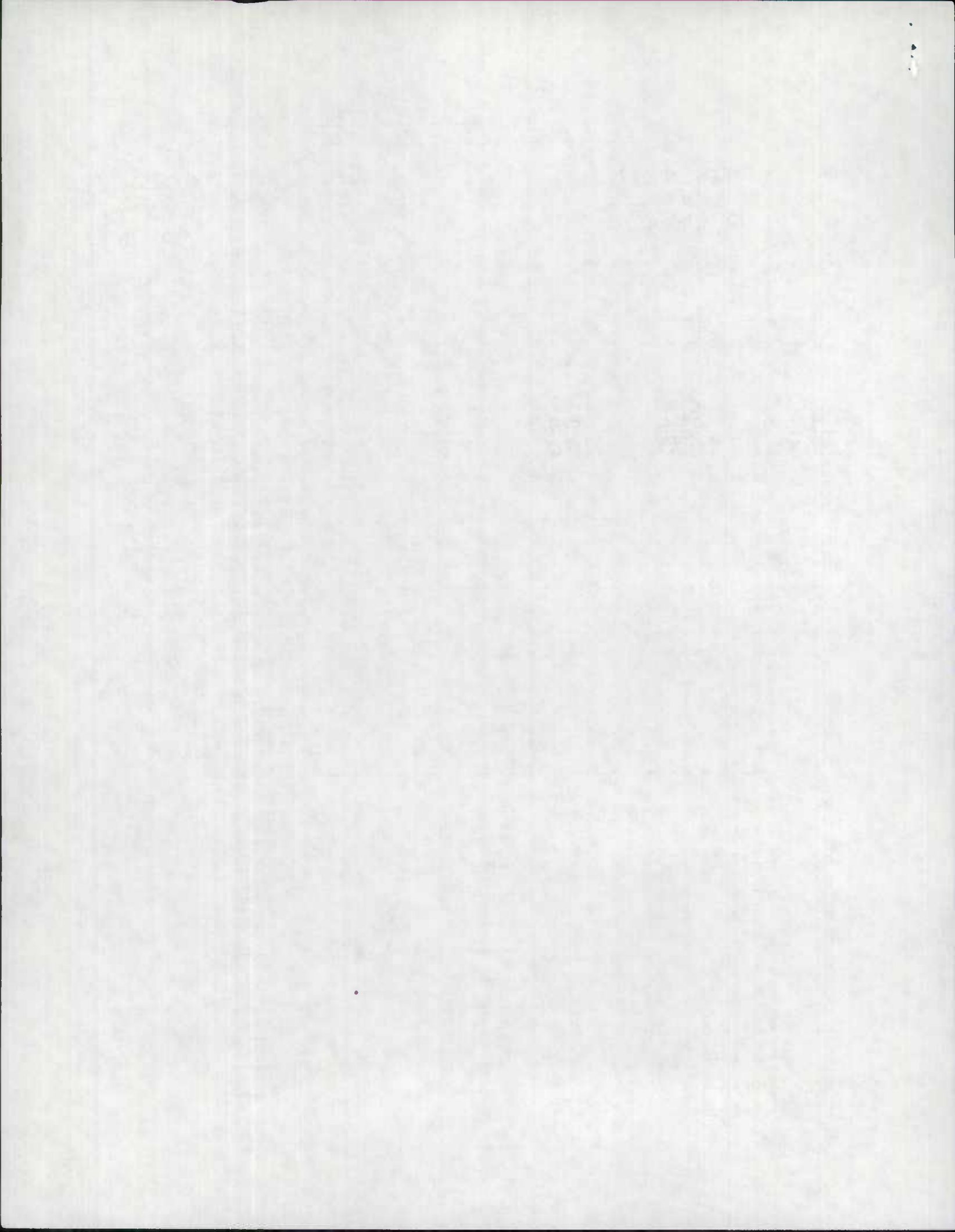
Route No: CO 4241  
 Sample No: 60  
 County: 15 (Mry)

Starting Mile Pt: 0.36  
 Ending Mile Pt: 0.62  
(0.26)

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>264</u>	<u>100</u>	<u>0</u>	-----
<u>R 264</u>	<u>476</u>	<u>99.7</u>	<u>3.0</u>	-----
<u>476</u>	<u>1373</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.	28+	-----	-----





1



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

Route No: CO 4242  
 Sample No: 61  
 County: 15 (Mry)

Starting Mile Pt: 0.00  
 Ending Mile Pt: 0.46  
(0.46)

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>1502</u>	<u>100</u>	<u>0</u>	
<u>1502</u>	<u>1755</u>	<u>99.9</u>	<u>1.0</u>	
<u>1755</u>	<u>2428</u>	<u>100</u>	<u>0</u>	
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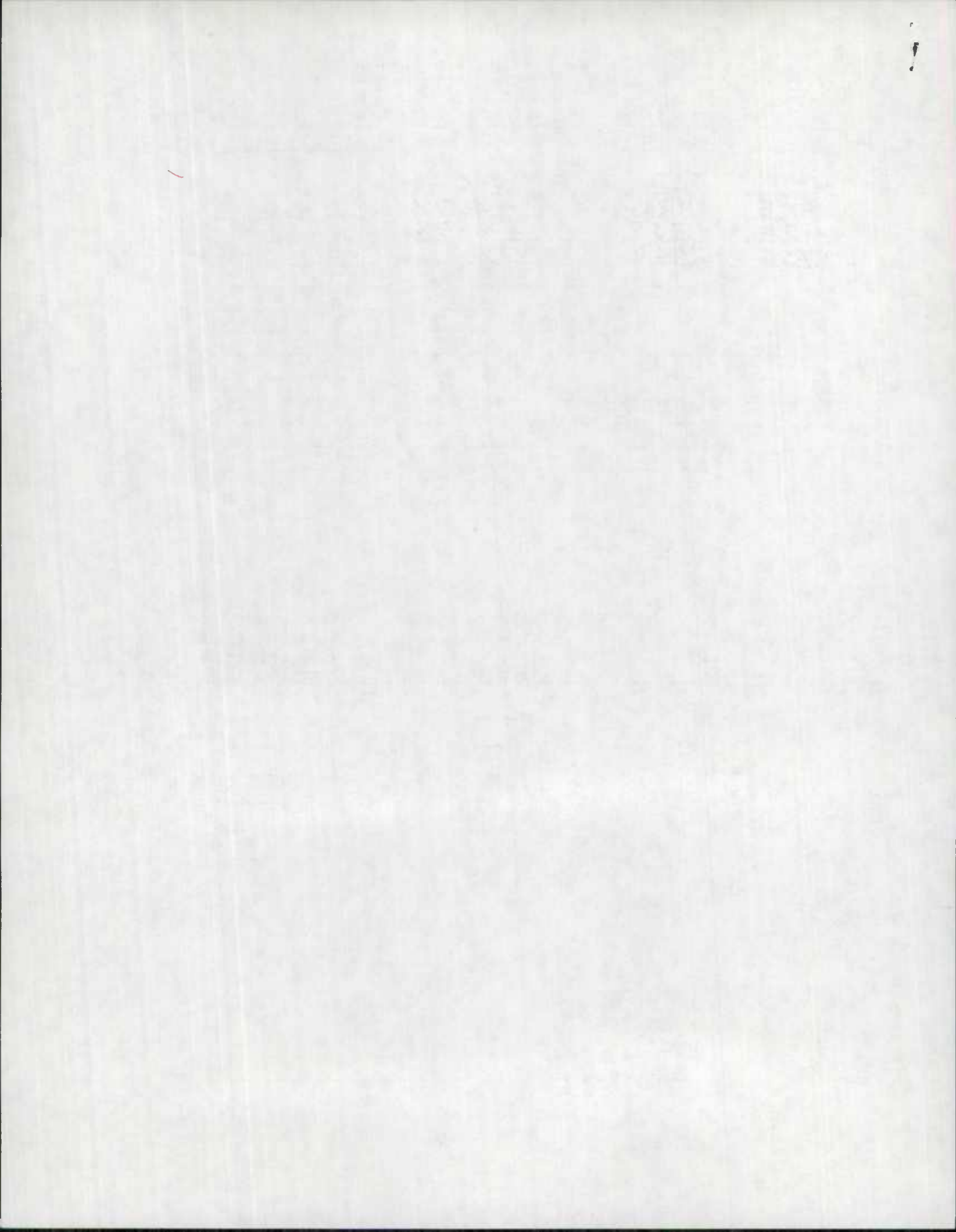
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	-----	-----
b.	0.5-1.4	-----	-----
c.	1.5-2.4	-----	-----
d.	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.	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	505	0%	
505	1124	-4.0%	
1124	1755	+6.7%	
1755	2423	0%	

	<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-	_____	_____



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

Route No: CO 4242  
 Sample No: 62  
 County: 15 (Mry)

Starting Mile Pt: 0.46  
 Ending Mile Pt: 0.95

(0.49)

Horizontal Curve Section

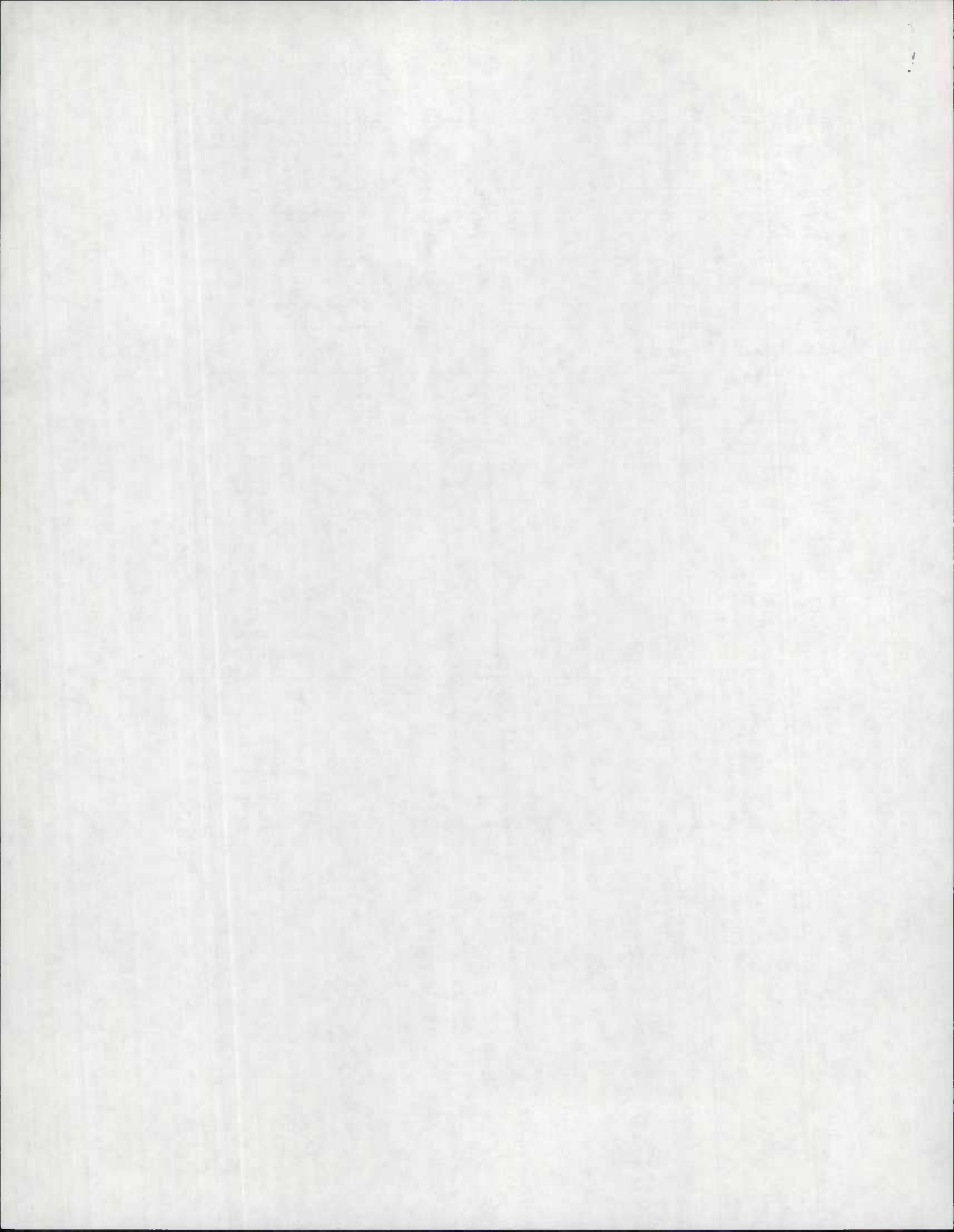
<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord1. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
0	201	100	0	
L 201	458	99.7	1.2	
R 458	650	99.9	1.0	
<del>1760</del> 650	1760	100	0	
1760	2189	99.7	3.22	
2189	2587	100	0	
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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.	28+	_____	_____



Handwritten mark or signature in red ink.





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

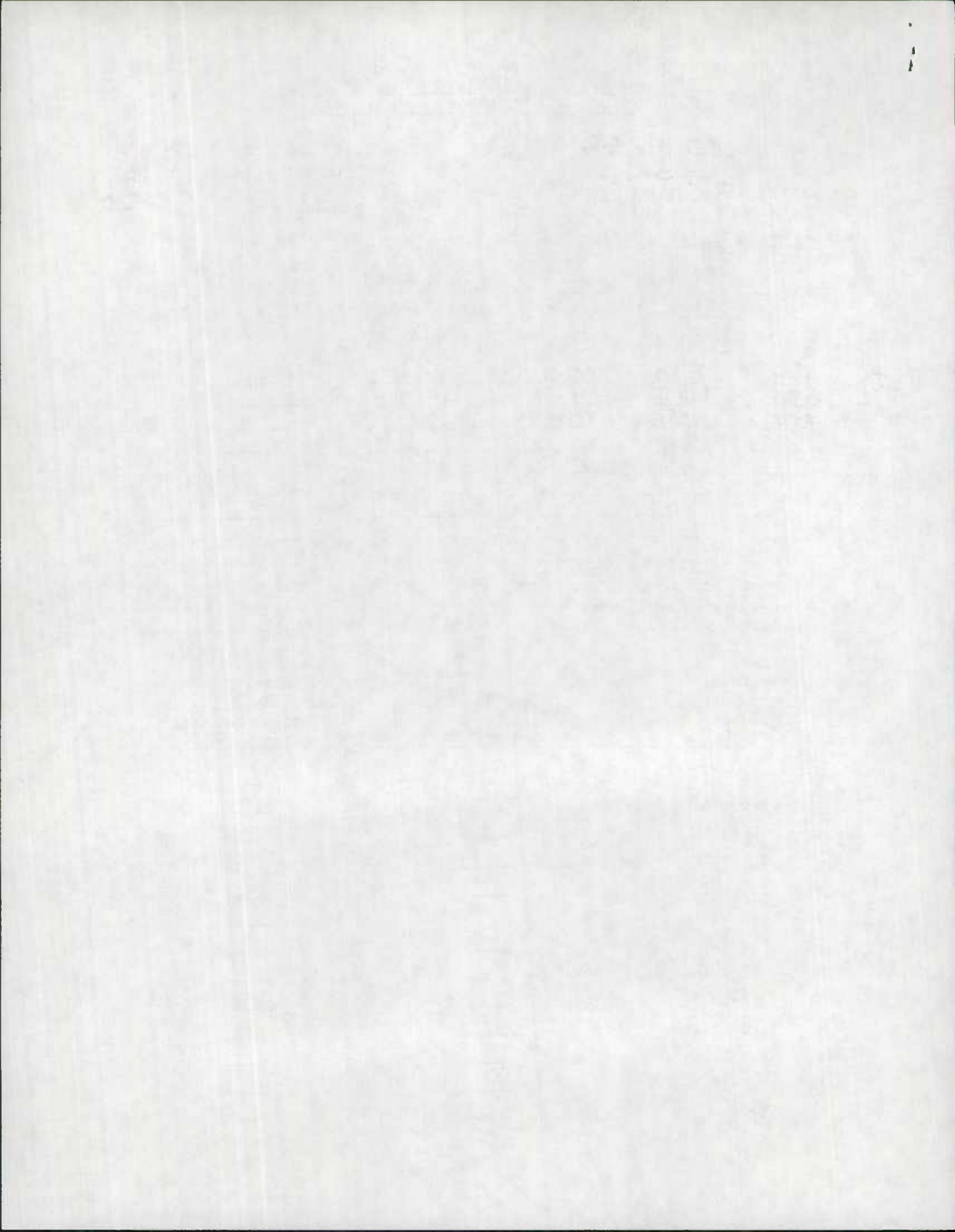
Route No: CO 4242  
 Sample No: 63  
 County: 15 (Mry)

Starting Mile Pt: 0.95  
 Ending Mile Pt: 1.15  
(0.20)

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>Ordi. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>650</u>	<u>100</u>	<u>0</u>	
<u>650</u>	<u>757</u>	<u>99.7</u>	<u>3.0</u>	
<u>757</u>	<u>1256</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	_____	_____
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+	_____	_____







1

2

3

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

Route No: CO 4349  
 Sample No: 64  
 County: 15 (Mey)

Starting Mile Pt: 0.00  
 Ending Mile Pt: 0.19  
(0.19)

Horizontal Curve Section

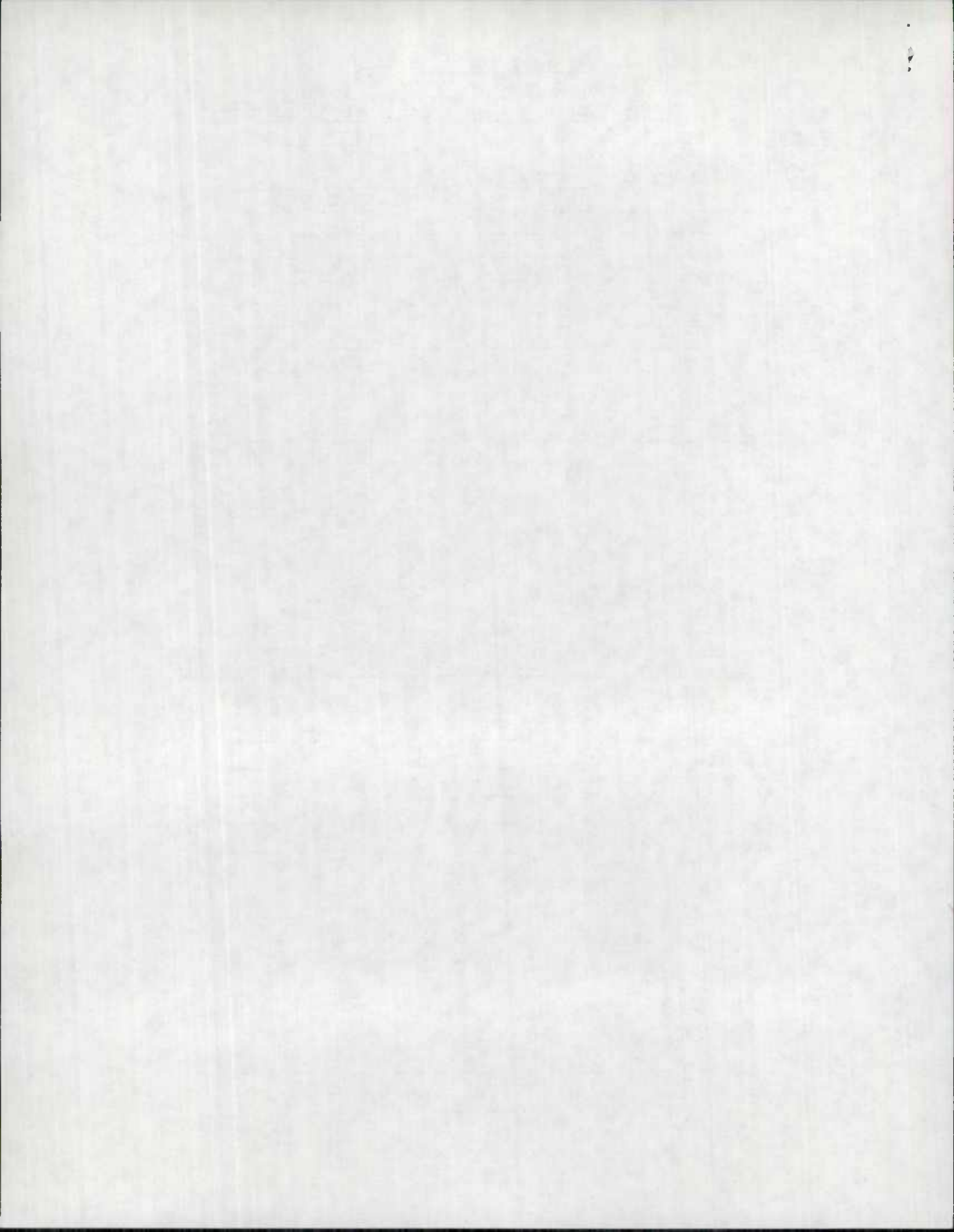
<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ordi. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>1004</u>	<u>120</u>	<u>0</u>	-----
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	<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.	28+	-----	-----

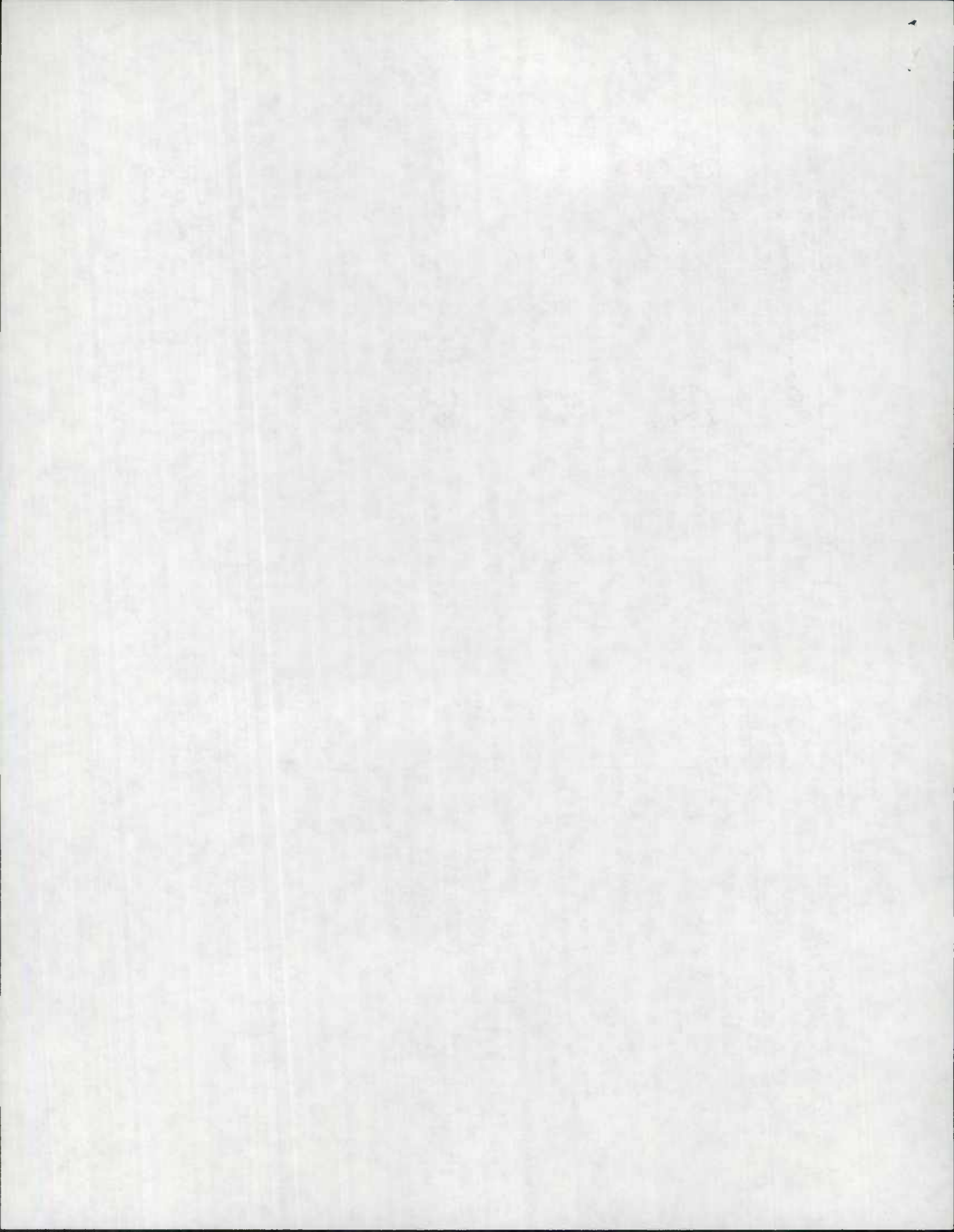




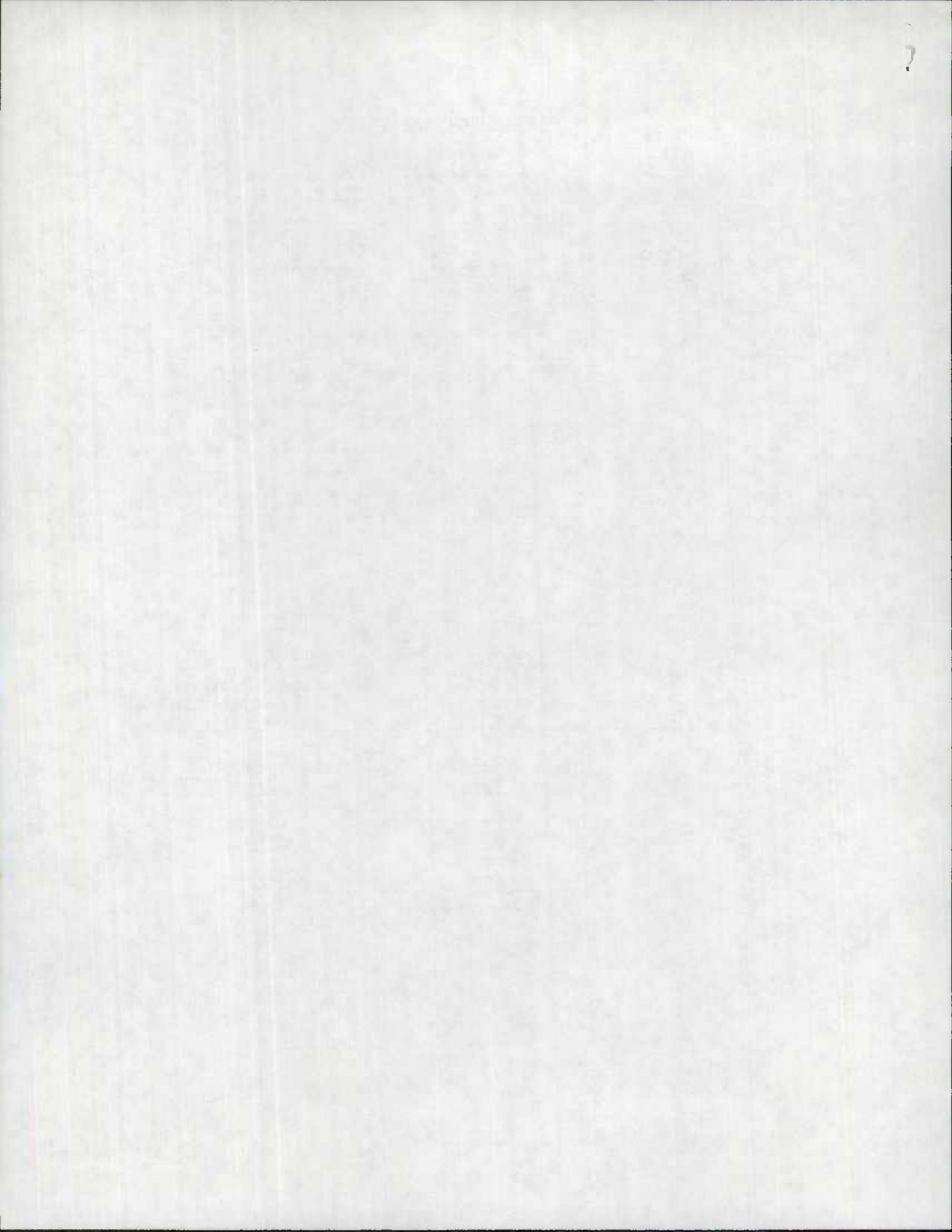














J 11/10

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

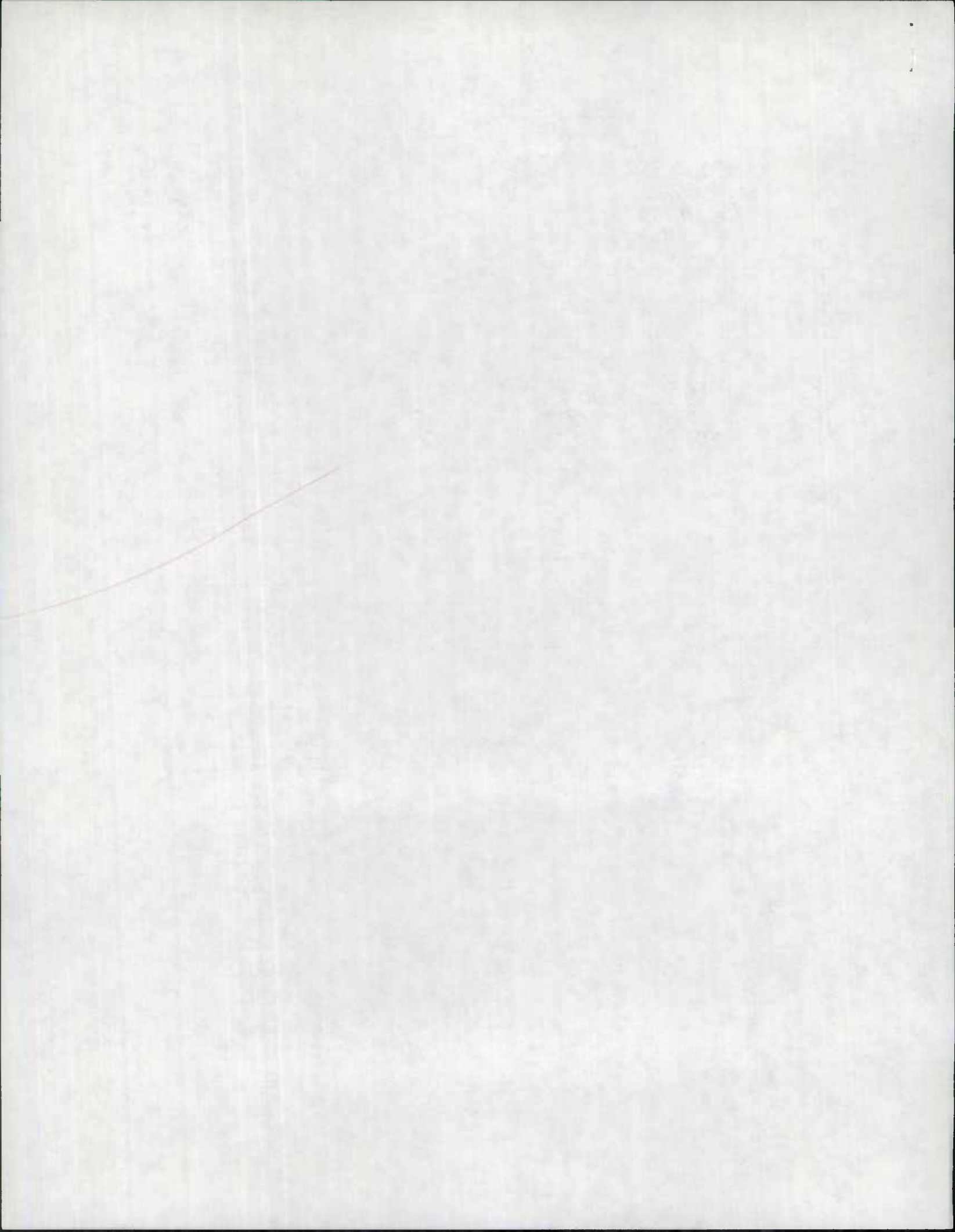
Route No: CO 4552  
 Sample No: 66  
 County: 15 (Mry)

Starting Mile Pt: 2.42  
 Ending Mile Pt: 2.57  
(0.15)

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>169</u>	<u>106</u>	<u>0</u>	-----
<u>169</u>	<u>328</u>	<u>99.9</u>	<u>1.0</u>	-----
<u>328</u>	<u>792</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.	28+	-----	-----





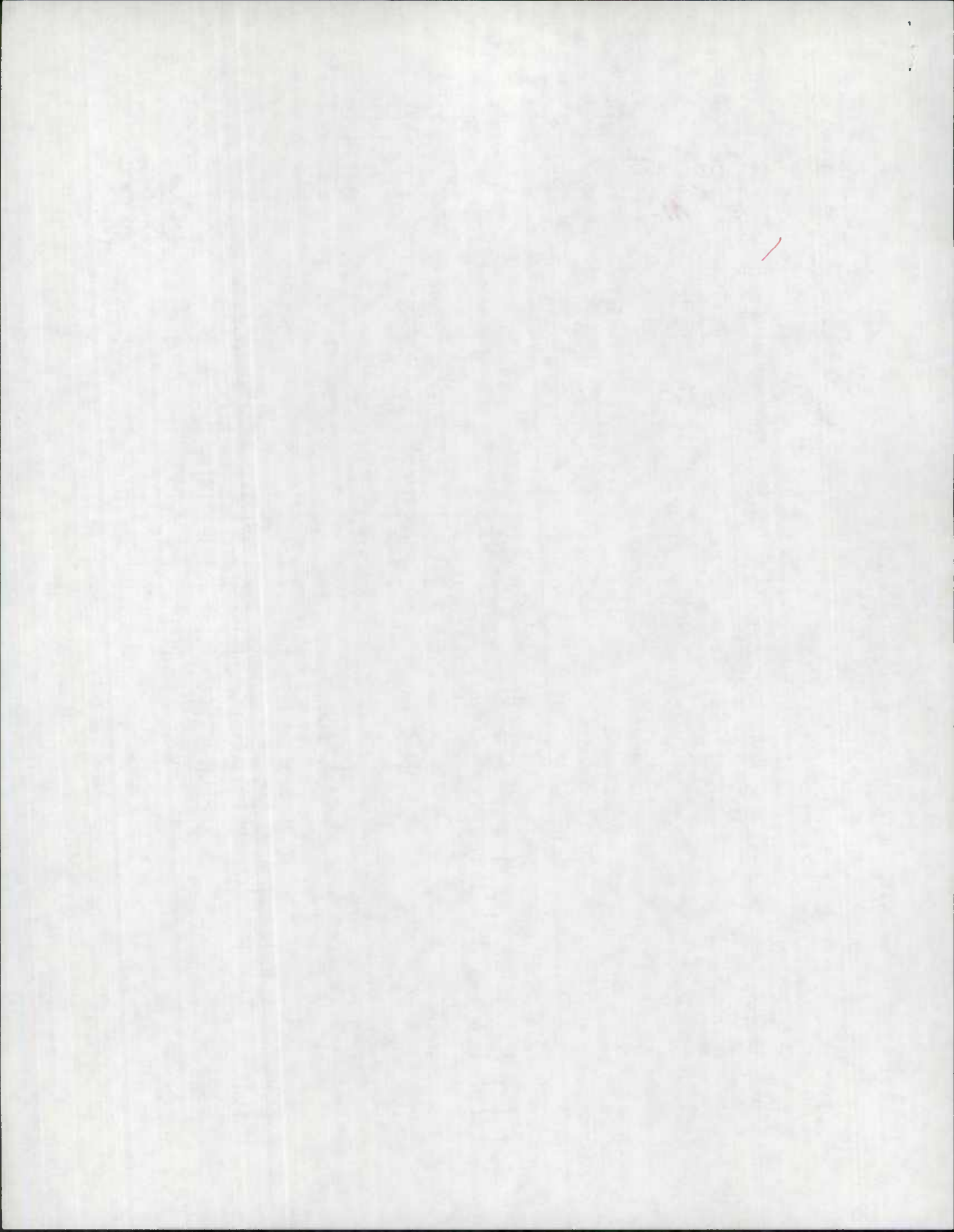
1

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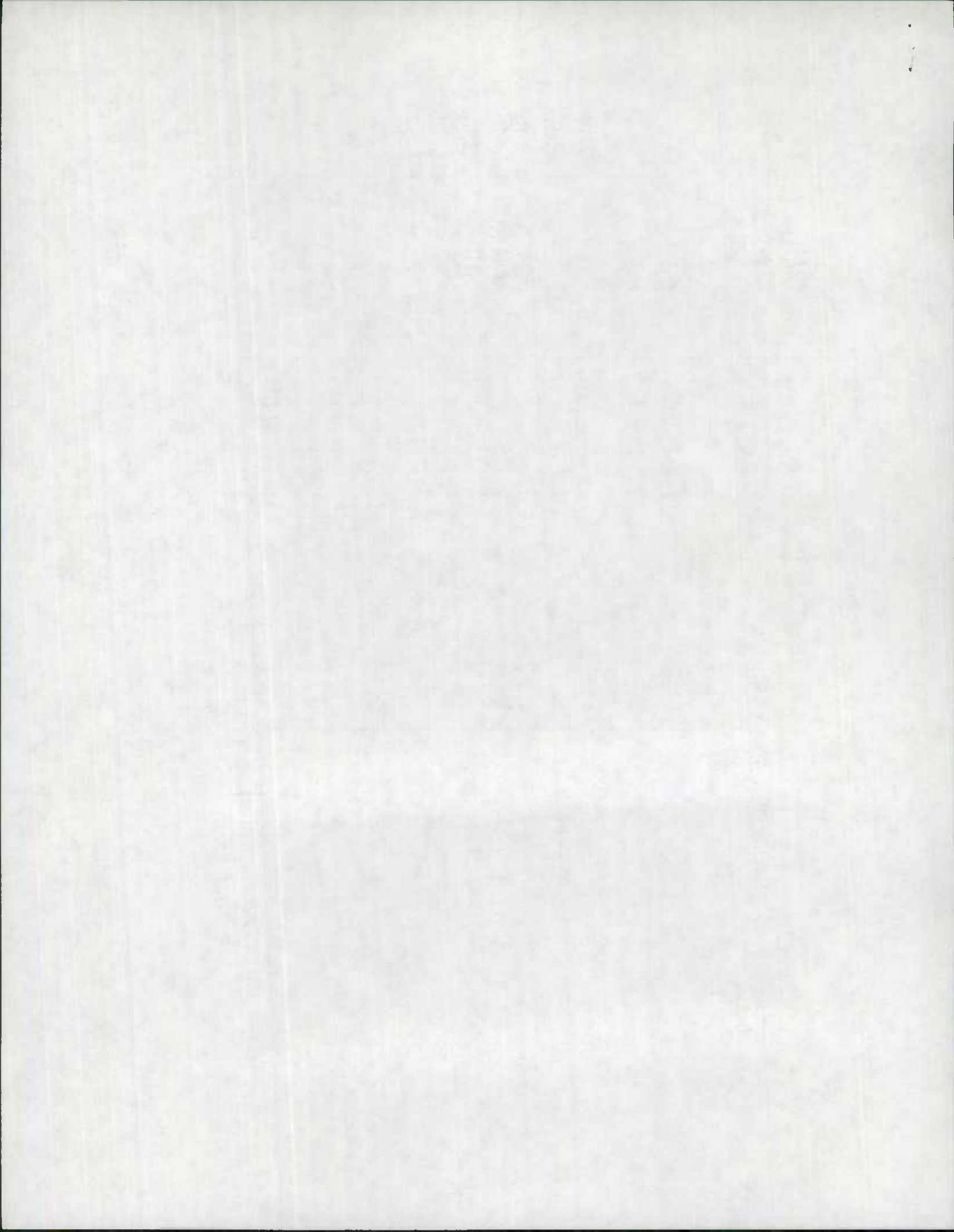




Vertical Curve Section

<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		0%	
282		-7.1%	
589	1320	+4.0%	

	<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-	_____	_____



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

Route No: CO 4690  
 Sample No: 68  
 County: MS 15 (Mry)

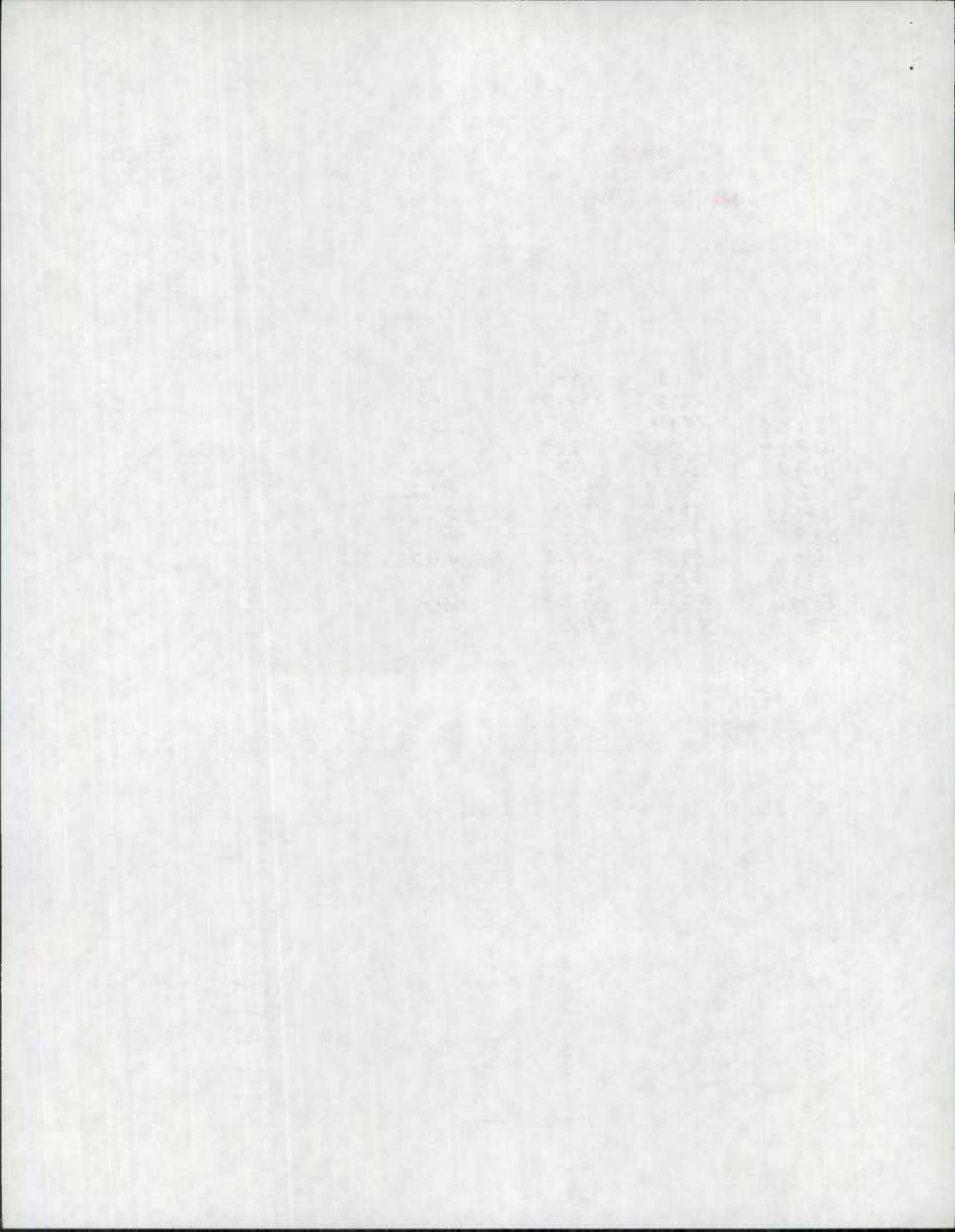
Starting Mile Pt: 3.20  
 Ending Mile Pt: 4.31

(1.11)

Horizontal Curve Section

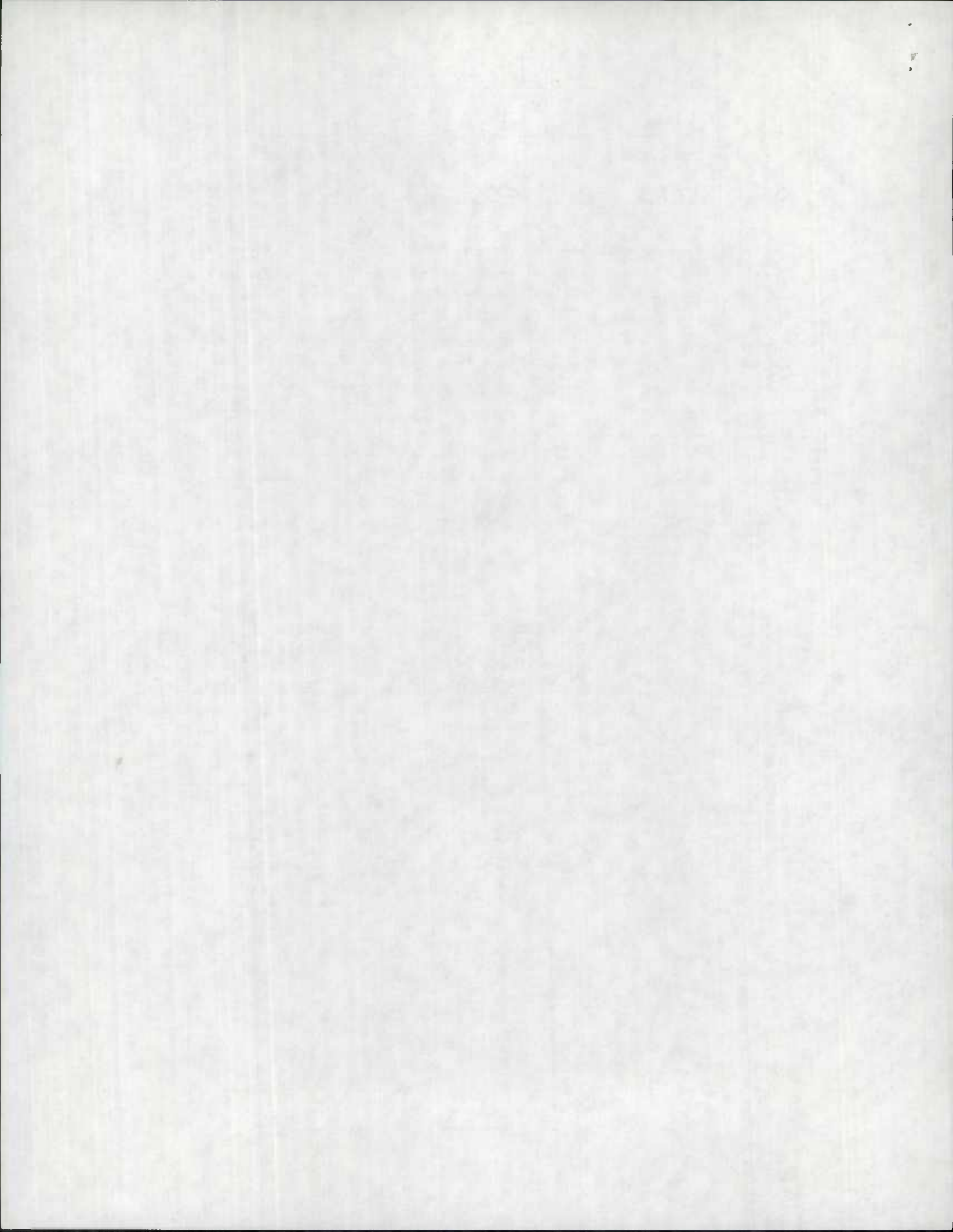
<u>Start Pt.</u> (in ft.)	<u>End Pt.</u> (in ft.)	<u>Chord</u> <u>length</u> (/100ft)	<u>Central</u> <u>Ord. Length</u> (/100ft)	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>1963</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>L 1963</u>	<u>2284</u>	<u>99.9</u>	<u>1.2</u>	<u>-----</u>
<u>2284</u>	<u>2749</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>R 2749</u>	<u>2749</u>	<u>99.9</u>	<u>1.1</u>	<u>-----</u>
<u>3149</u>	<u>3379</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>L 3379</u>	<u>3607</u>	<u>99.8</u>	<u>2.0</u>	<u>-----</u>
<u>R 3607</u>	<u>3881</u>	<u>99.2</u>	<u>2.1</u>	<u>-----</u>
<u>3881</u>	<u>4507</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>L 4507</u>	<u>4927</u>	<u>99.5</u>	<u>4.0</u>	<u>-----</u>
<u>4927</u>	<u>5186</u>	<u>100</u>	<u>0</u>	<u>-----</u>
<u>R 5186</u>	<u>5336</u>	<u>99.75</u>	<u>2.6</u>	<u>-----</u>
<u>5336</u>	<u>5863</u>	<u>100</u>	<u>0</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	_____	_____
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 4690  
 Sample No: 69  
 County: 15 (Mg)

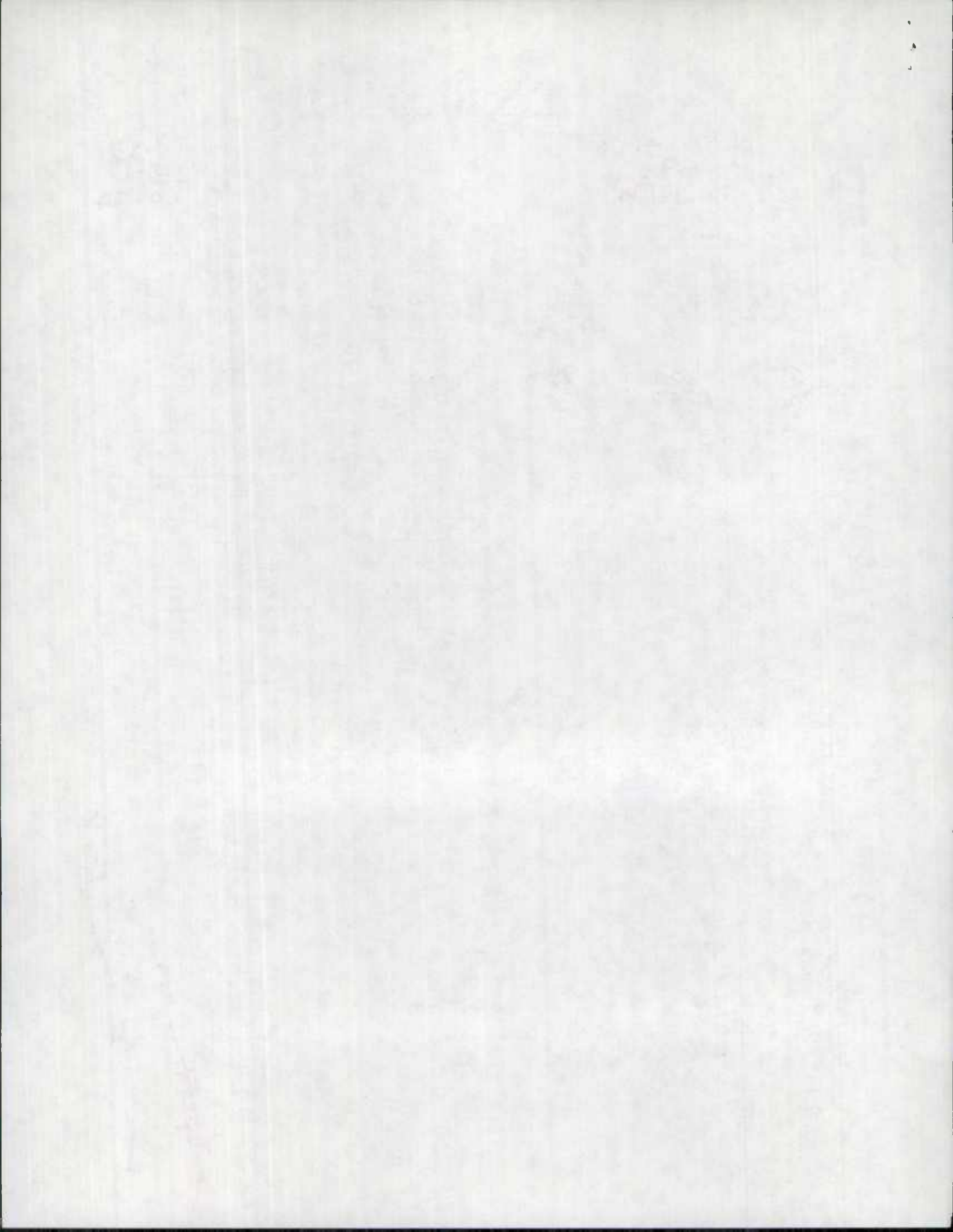
Starting Mile Pt: 4.89  
 Ending Mile Pt: 5.13  
(0.24)

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>206</u>	<u>99.9</u>	<u>1.0</u>	-----
<u>200</u>	<u>1267</u>	<u>100</u>	<u>0</u>	-----
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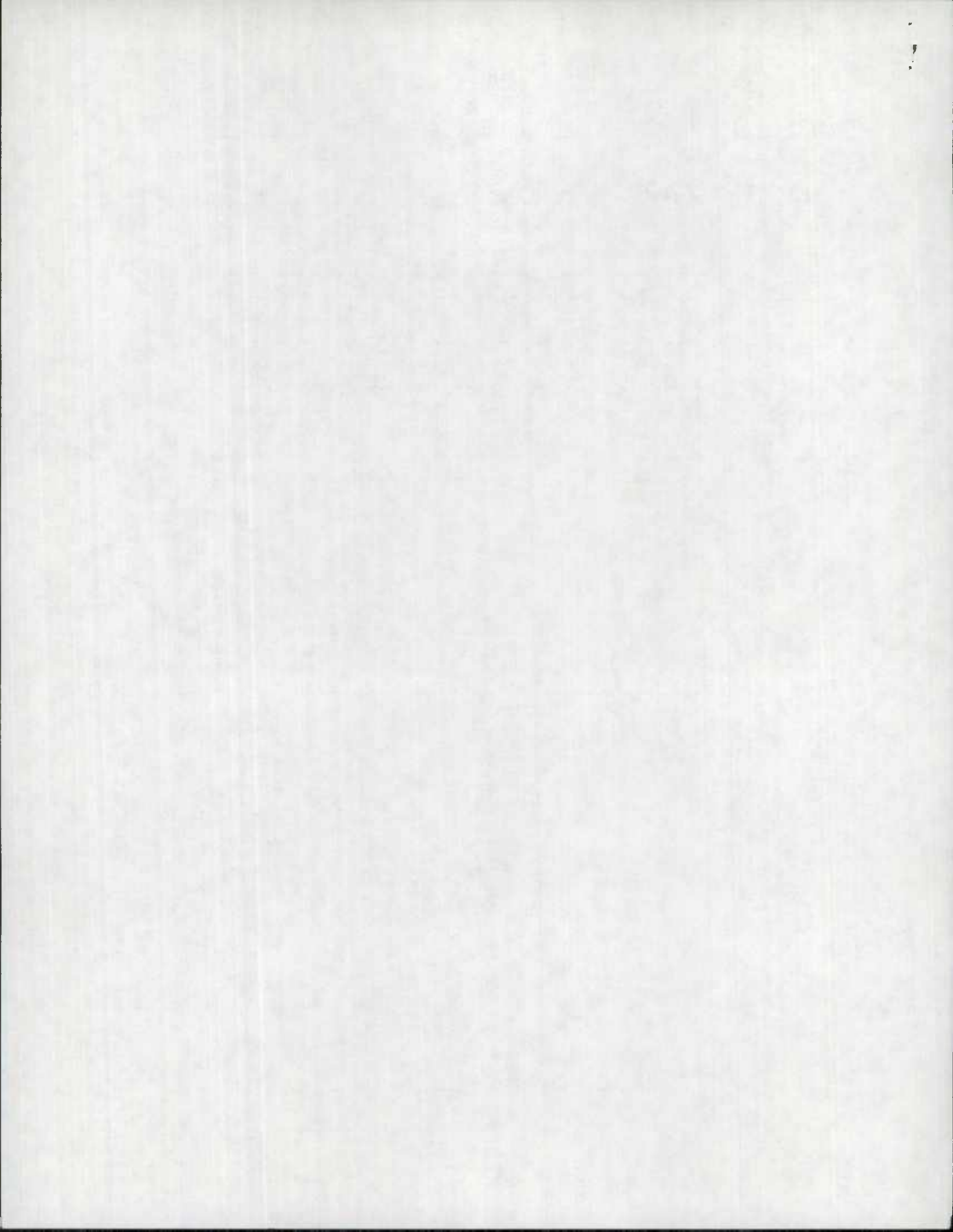
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	-----	-----
b.	0.5-1.4	-----	-----
c.	1.5-2.4	-----	-----
d.	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.	28+	-----	-----



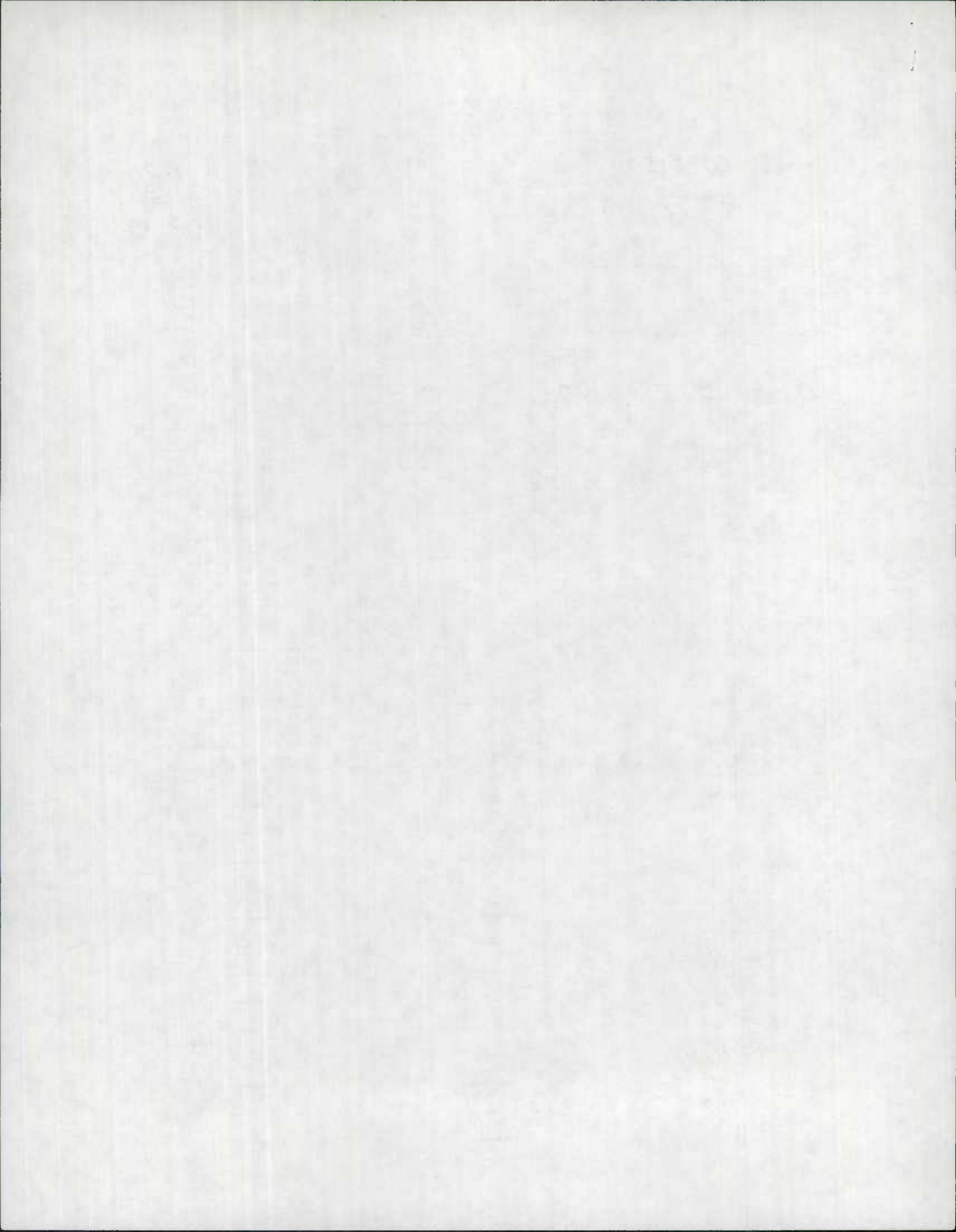




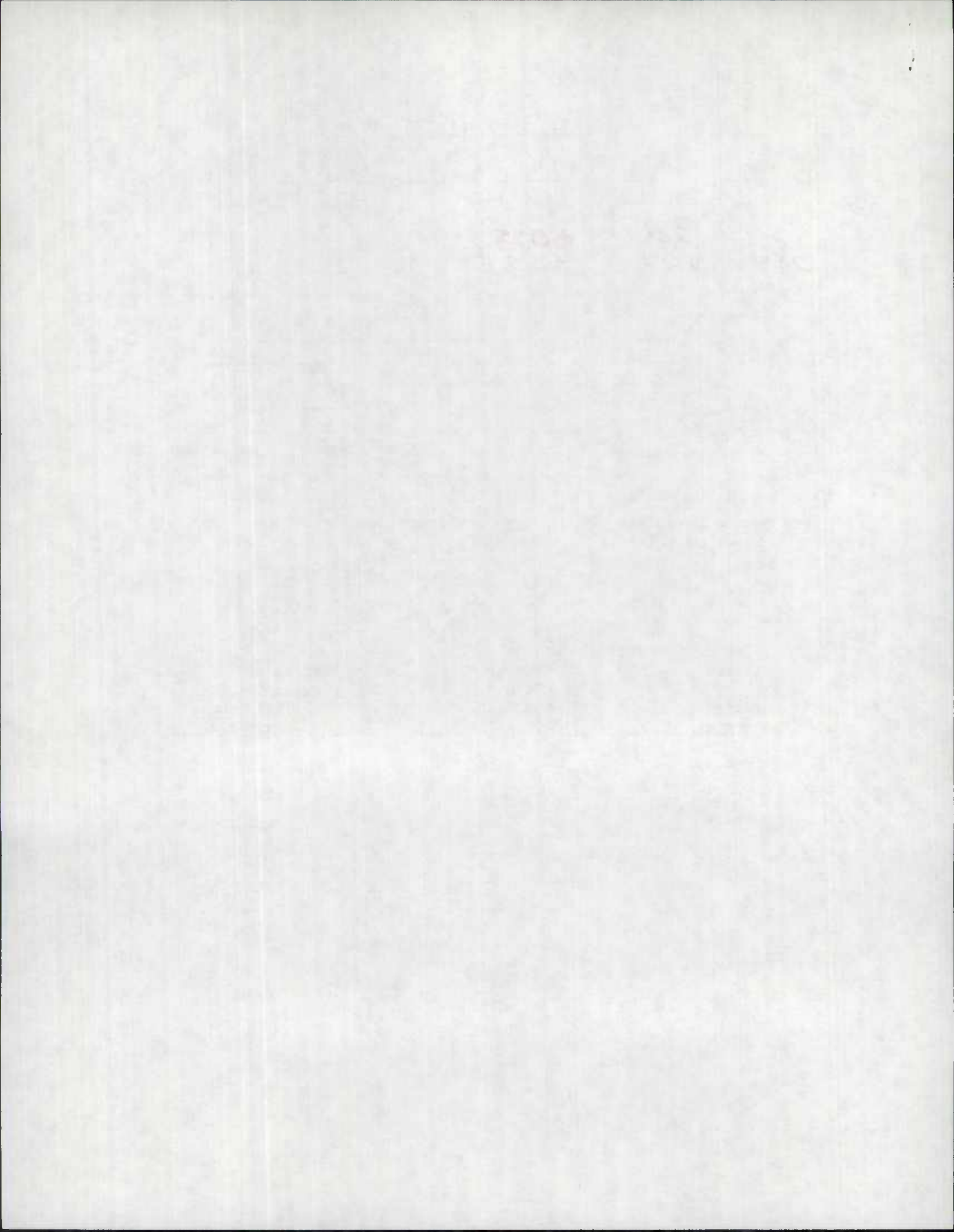






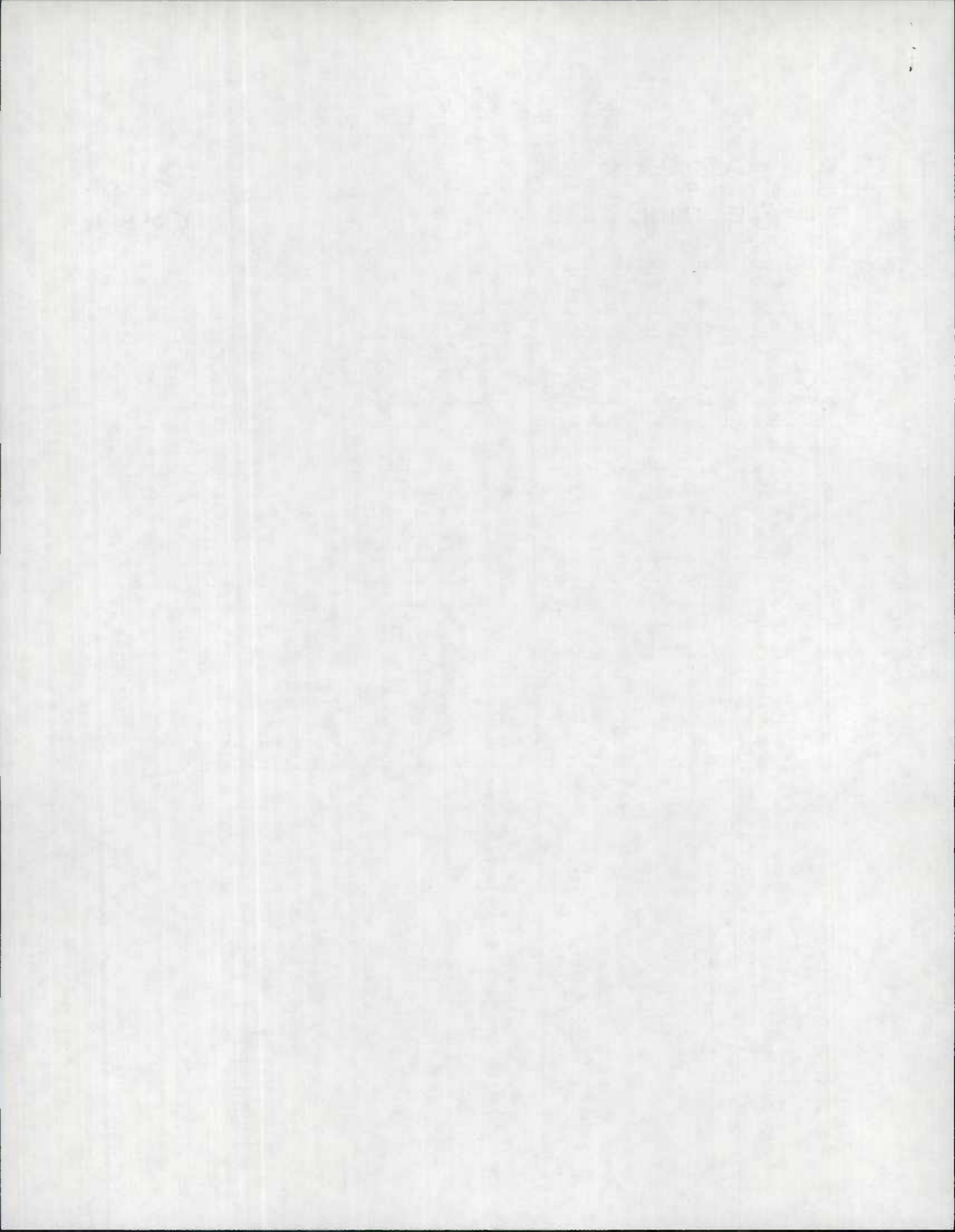








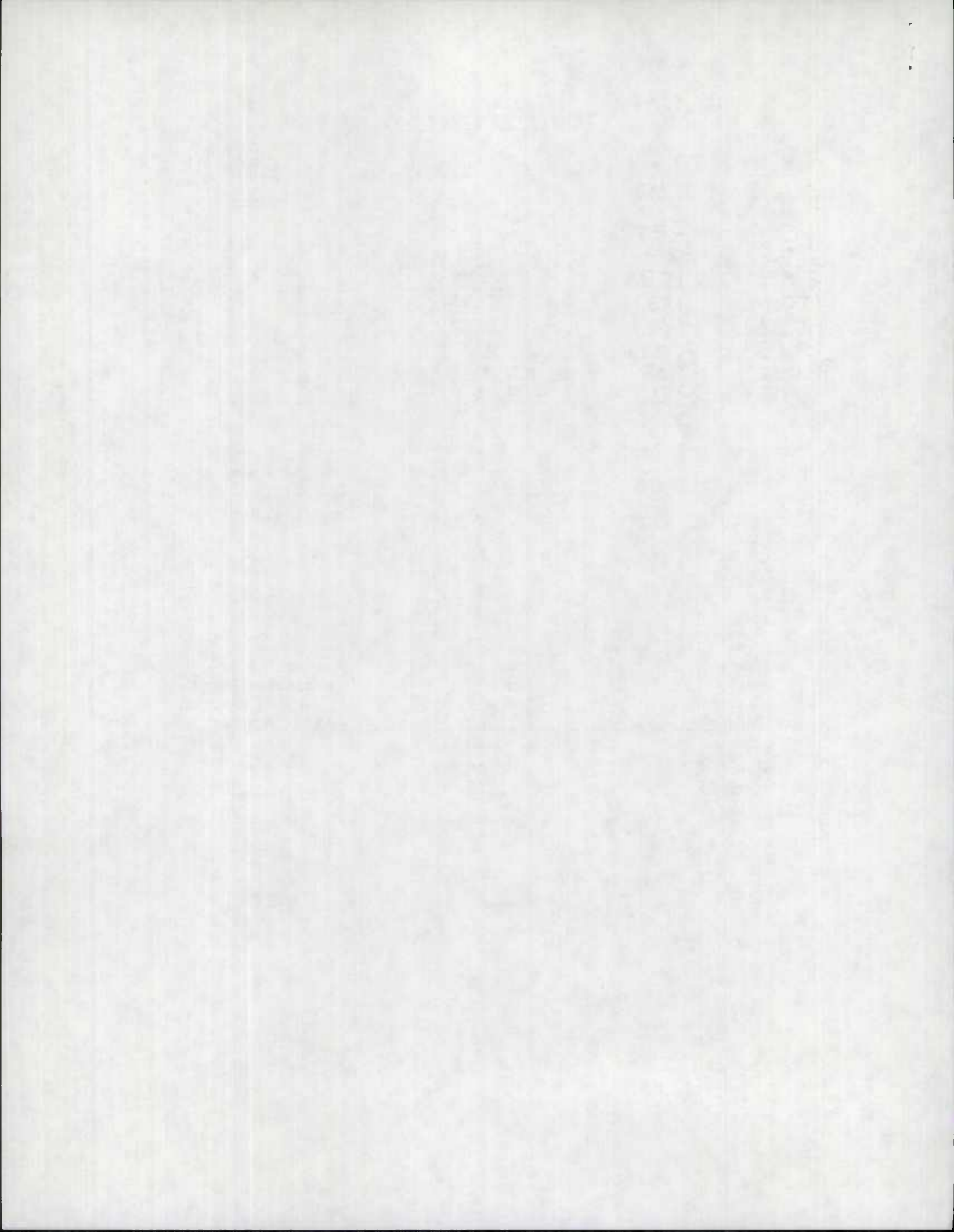




### Vertical Curve Section

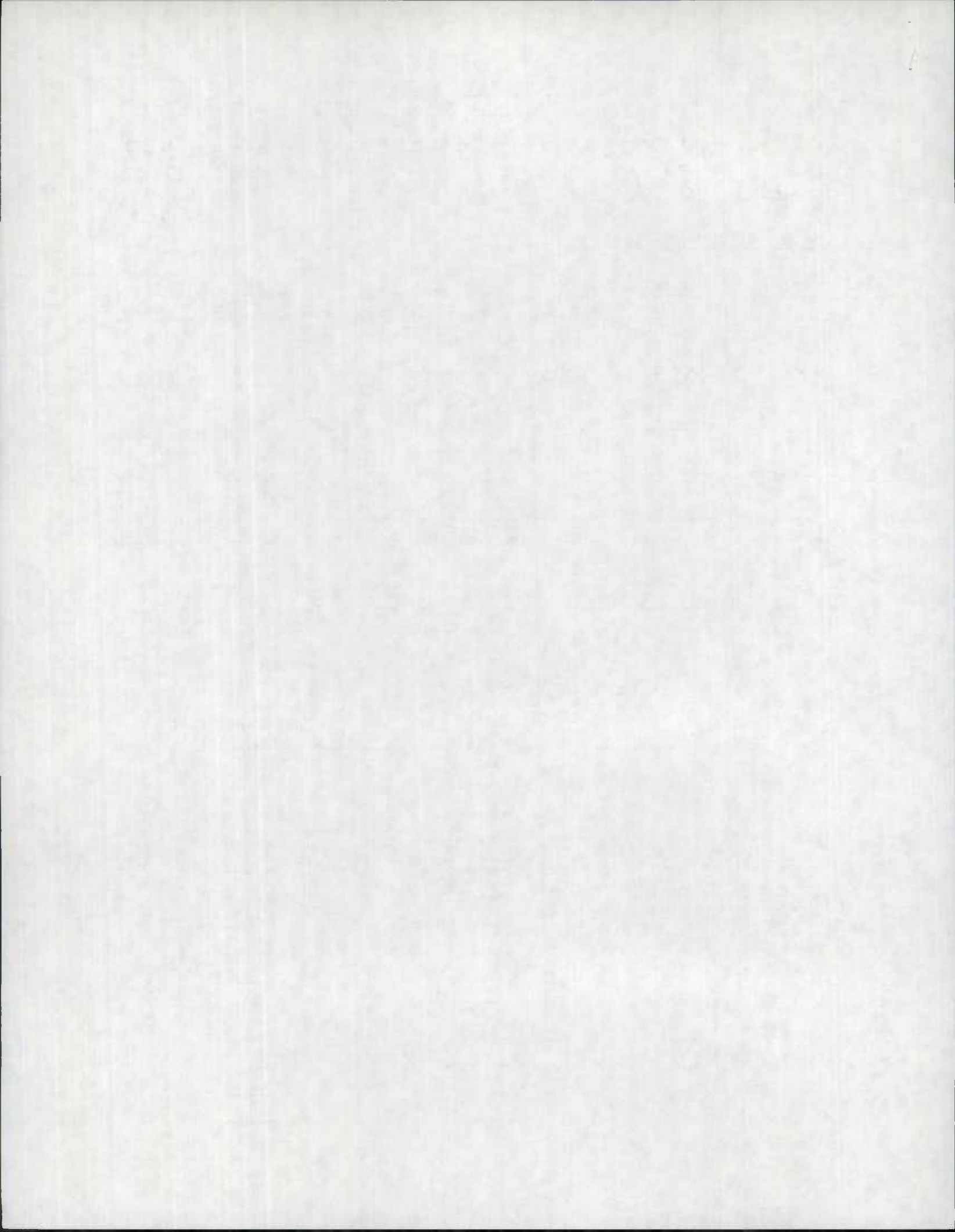
<u>Start Pt.</u> (in ft.)	<u>End Pt.</u> (in ft.)	<u>Gradient Percent</u>	<u>Length of Curve</u> (in x.xx miles)
0	275	0%	-----
275	689	- 2.7%	-----
689	1530	+ 5.7%	-----
1530	1831	- 2.4%	-----
1831	2243	+ 2.2%	-----
2243	2493	0%	-----
2493	2917	+ 2%	-----
2917	3221	- 3.2%	-----
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	<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-	-----	-----

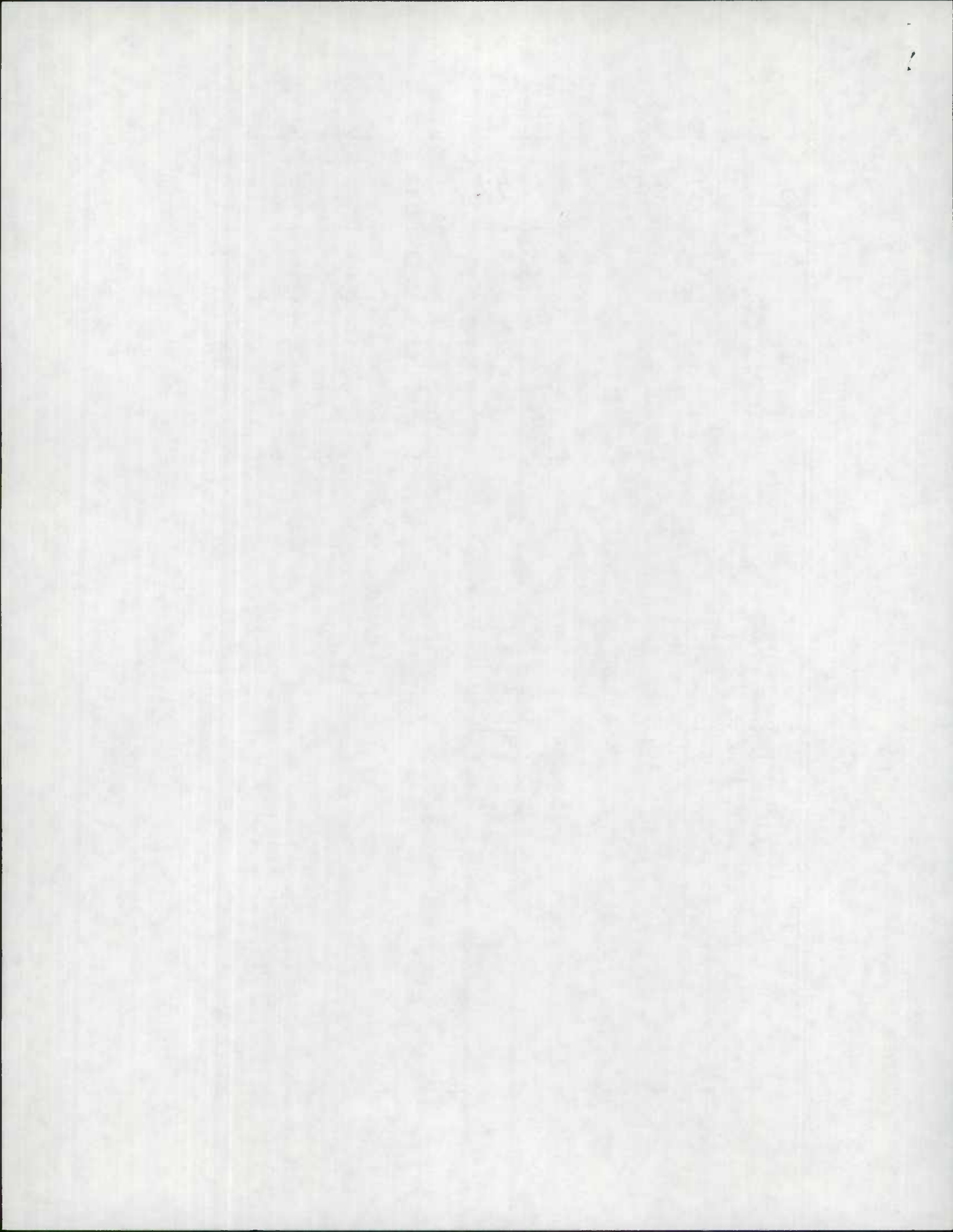












V1117

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

Route No: SU 006 ? -> 0006  
 Sample No: 73  
 County: IS

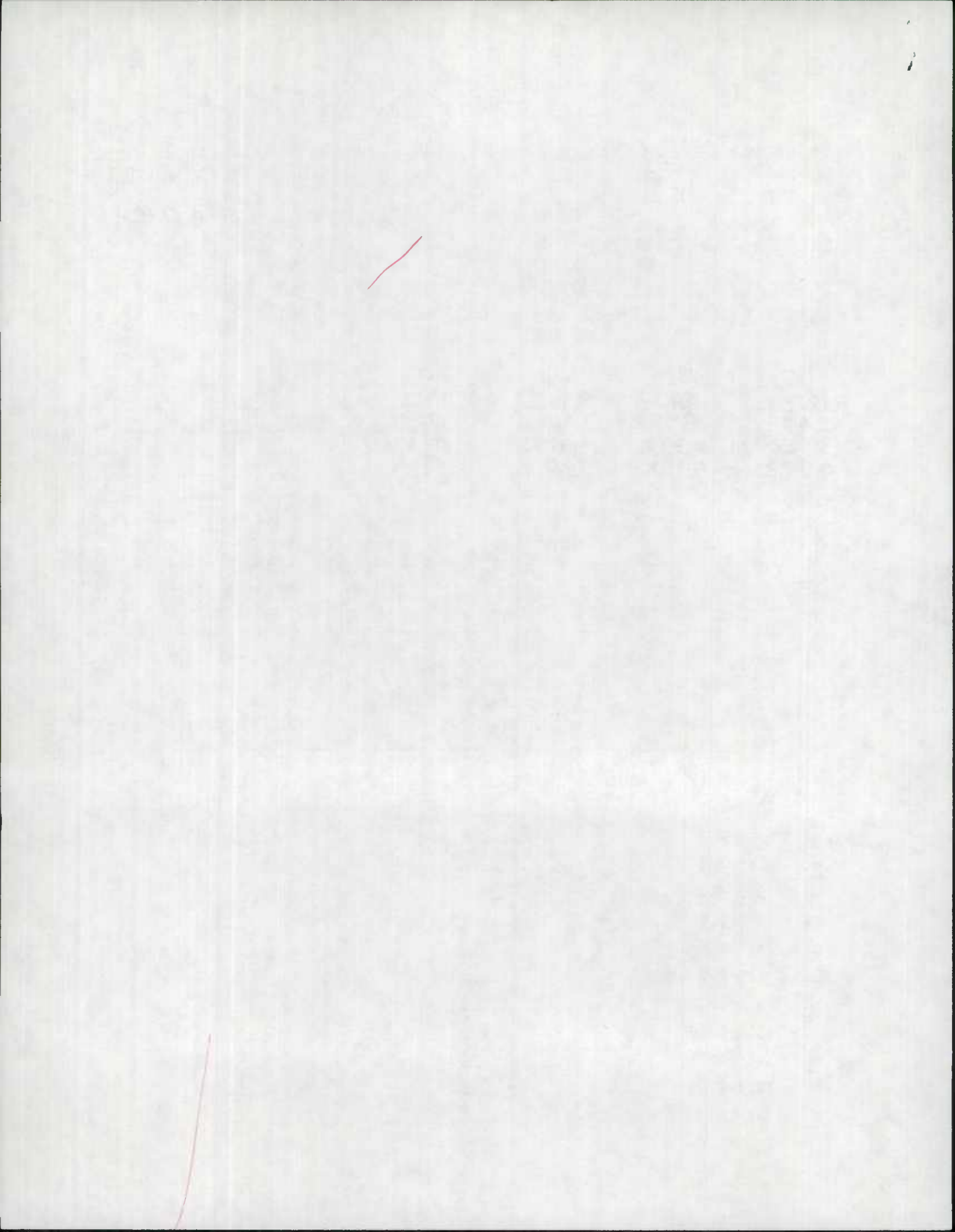
Starting Mile Pt: 2.06  
 Ending Mile Pt: 2.99

(0.93)

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>1859</u>	<u>100</u>	<u>0</u>	-----
<u>R1859</u>	<u>2432</u>	<u>99.9</u>	<u>1.0</u>	-----
<u>2432</u>	<u>3920</u>	<u>100</u>	<u>0</u>	-----
<u>3920</u>	<u>4372</u>	<u>99.95</u>	<u>0.6</u>	-----
<u>4372</u>	<u>4910</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.	28+	-----	-----

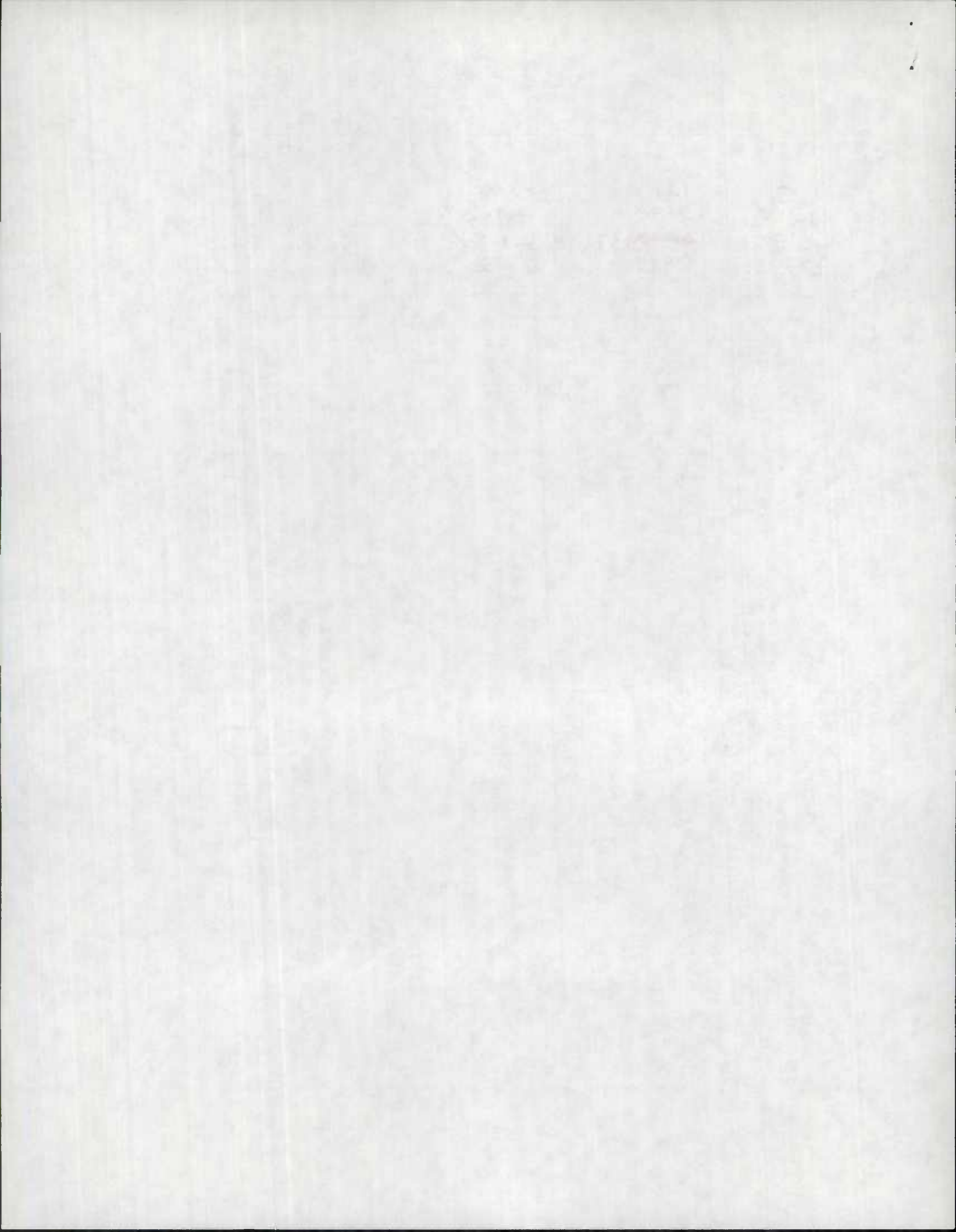




Vertical Curve Section

<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	1210	0%	-----
1210	2190	+1.6%	-----
2190	<del>4372</del> 4372	-1.8%	-----
4372	4910	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	-----	-----
b.	0.5-2.4	-----	-----
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

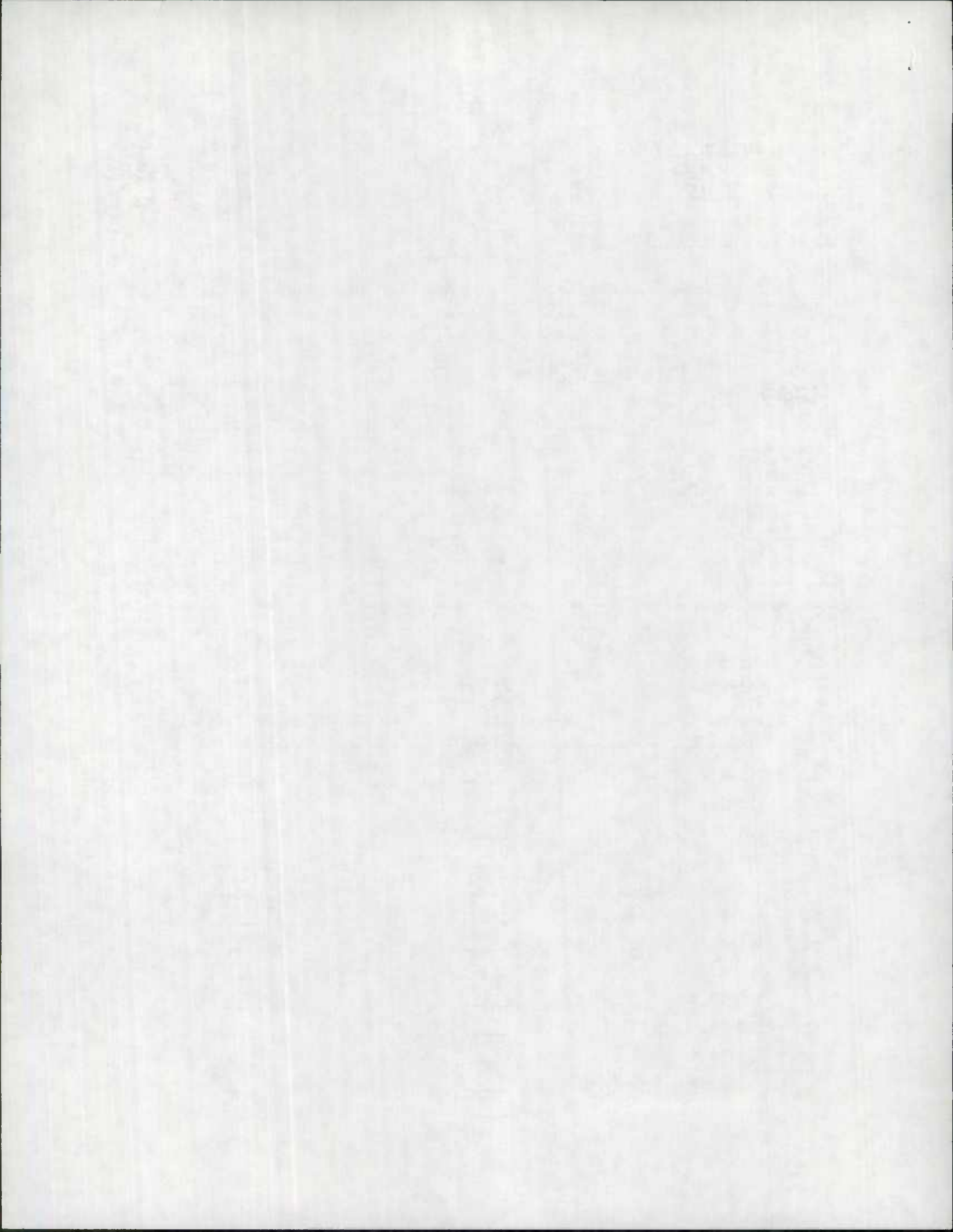
Route No: GV 0006  
 Sample No: 74  
 County: 15

Starting Mile Pt: 2.99  
 Ending Mile Pt: 3.35  
(0.36)

Horizontal Curve Section

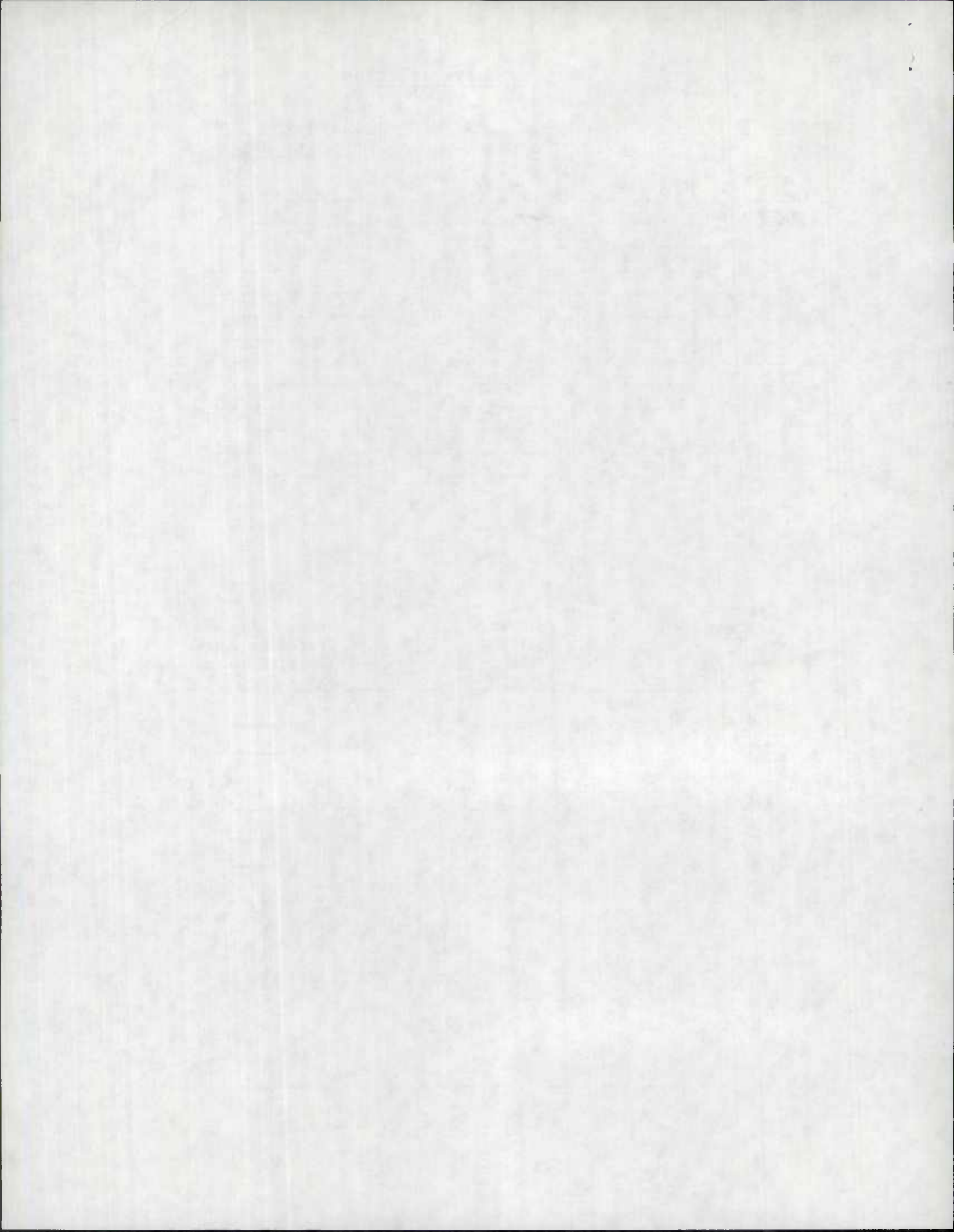
<u>Start Pt.</u> (in ft.)	<u>End Pt.</u> (in ft.)	<u>Chord</u> <u>length</u> (/100ft)	<u>Central</u> <u>Ord. Length</u> (/100ft)	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<del>0</del>	<u>1901</u>	<u>100</u>	<u>0</u>	-----
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	<u>Curve</u> <u>Classes</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.	28+	-----	-----









V 11/12

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

Route No: 40 0006  
 Sample No: 75  
 County: 15

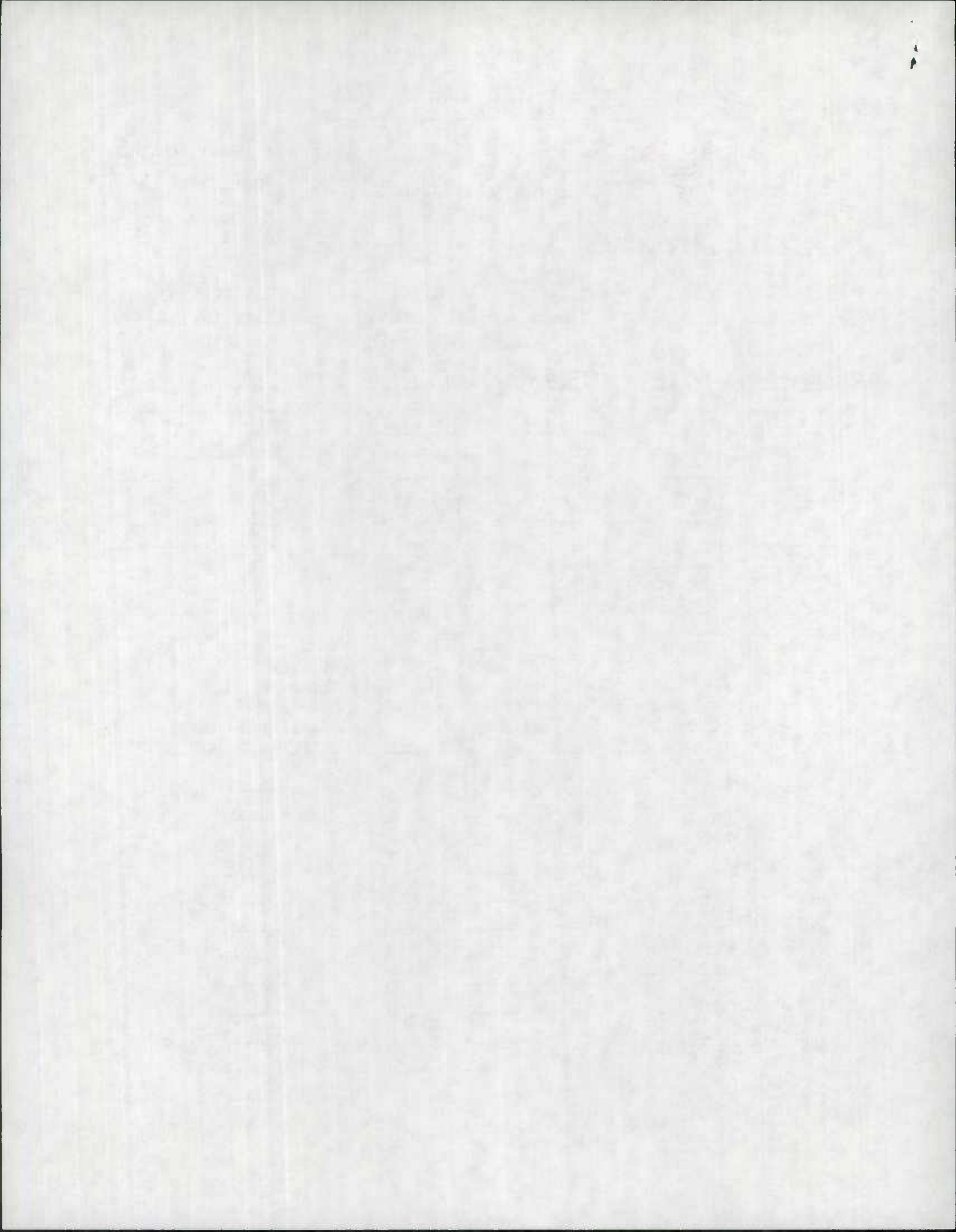
Starting Mile Pt: 2.35  
 Ending Mile Pt: 3.37

(.02)

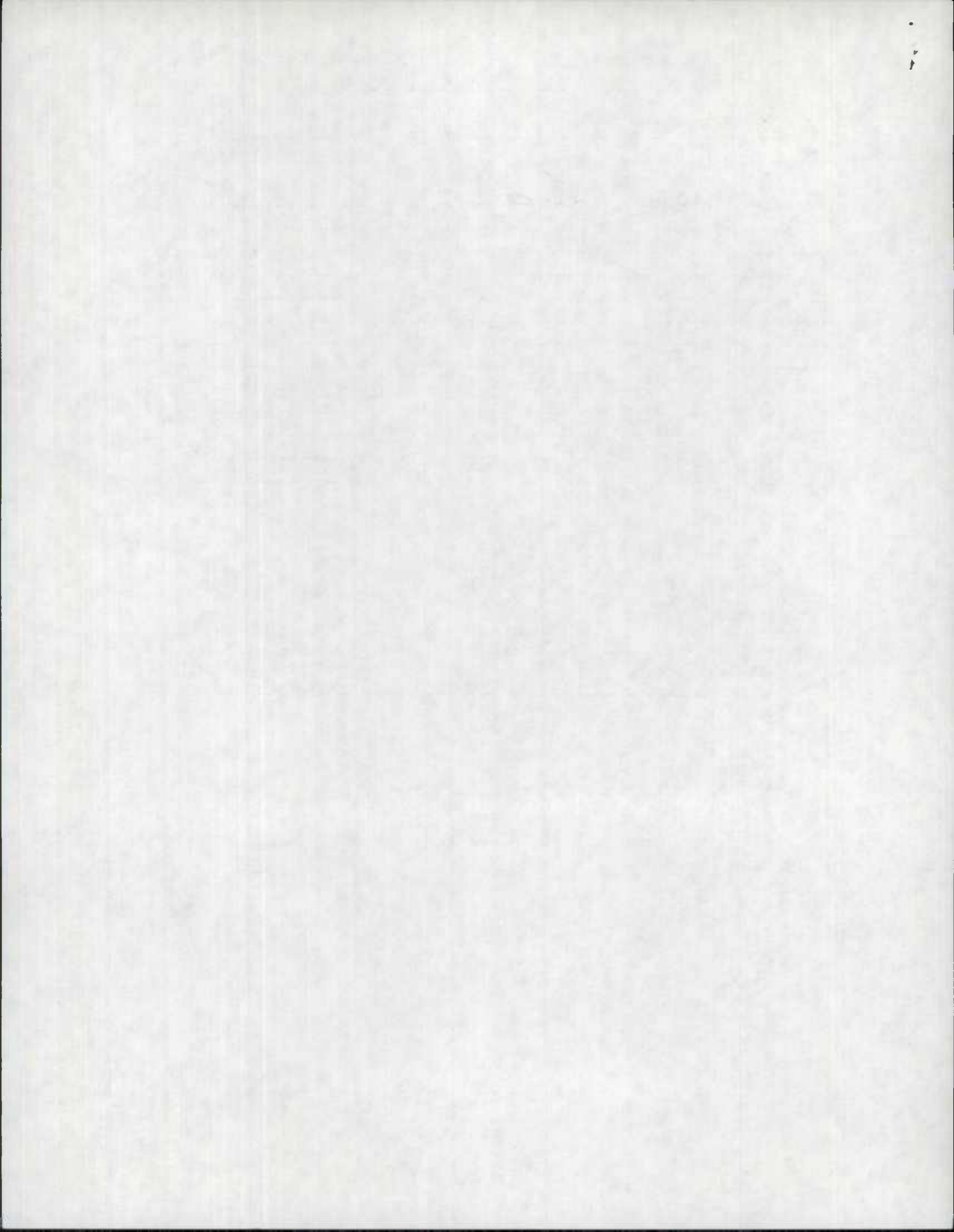
Horizontal Curve Section

<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>
R <u>0</u>	<u>106</u>	<u>99.9</u>	<u>1.1</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.	28+	-----	-----

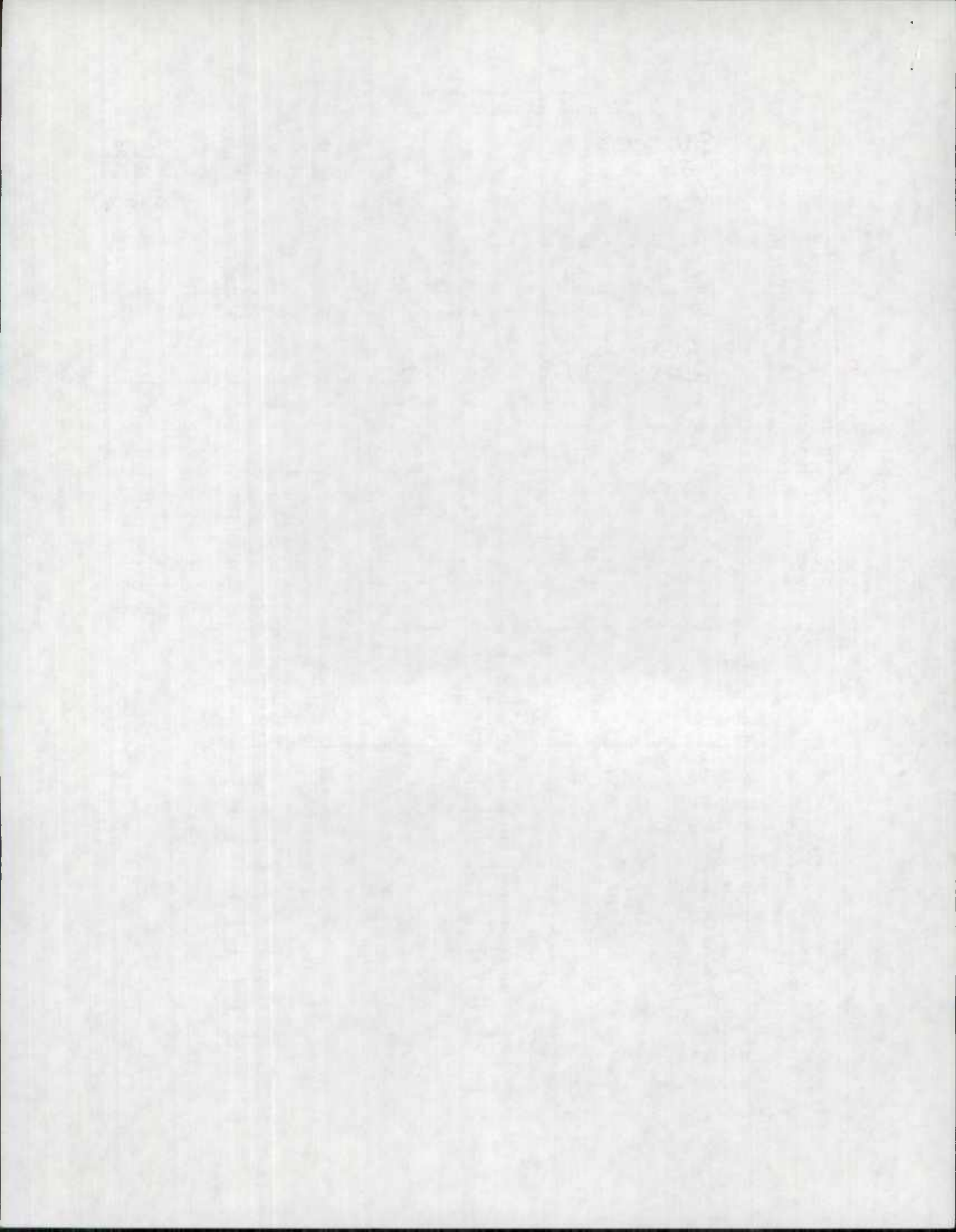




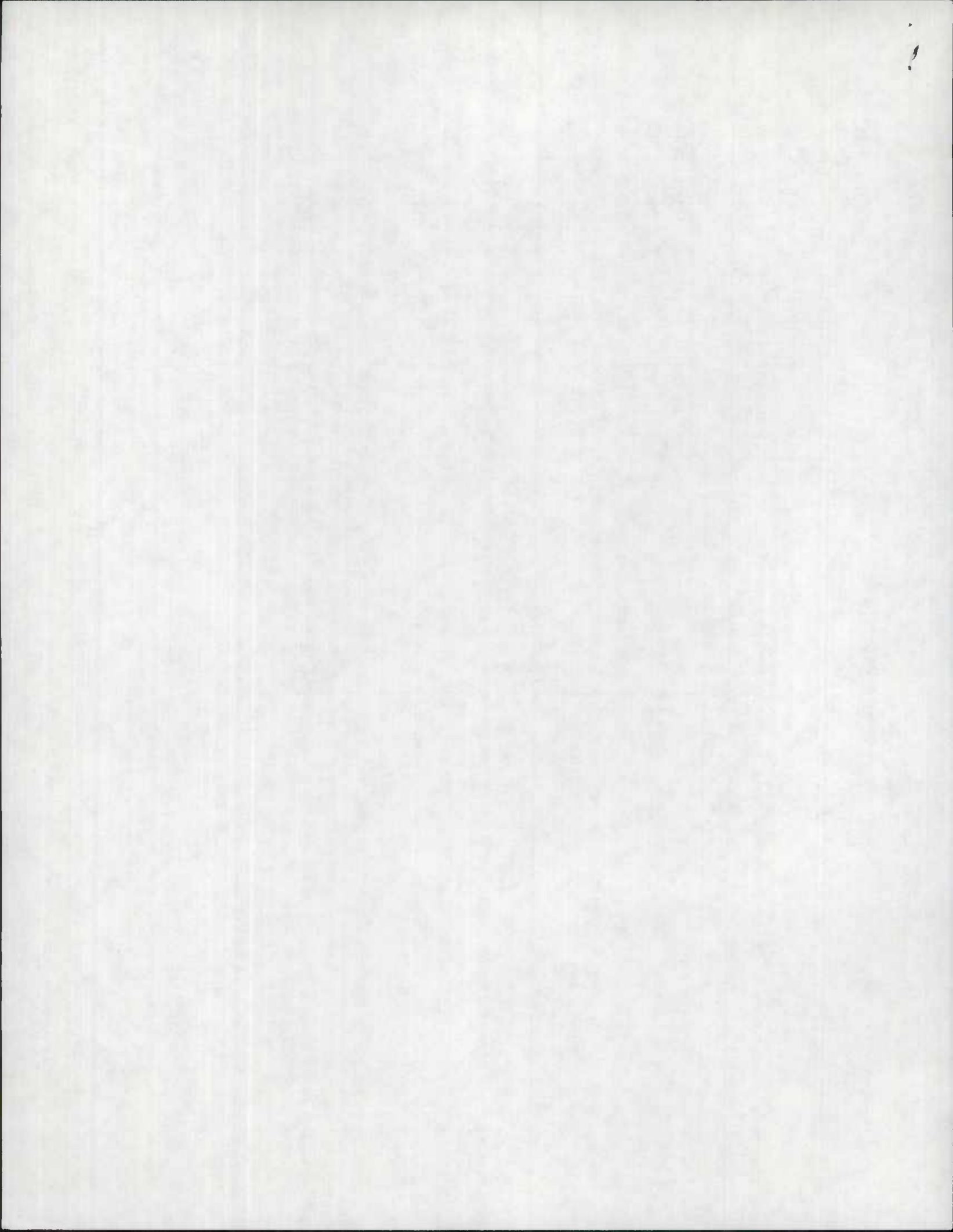












✓ 11/12

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

Route No: 9V 0006  
Sample No: 77  
County: IS

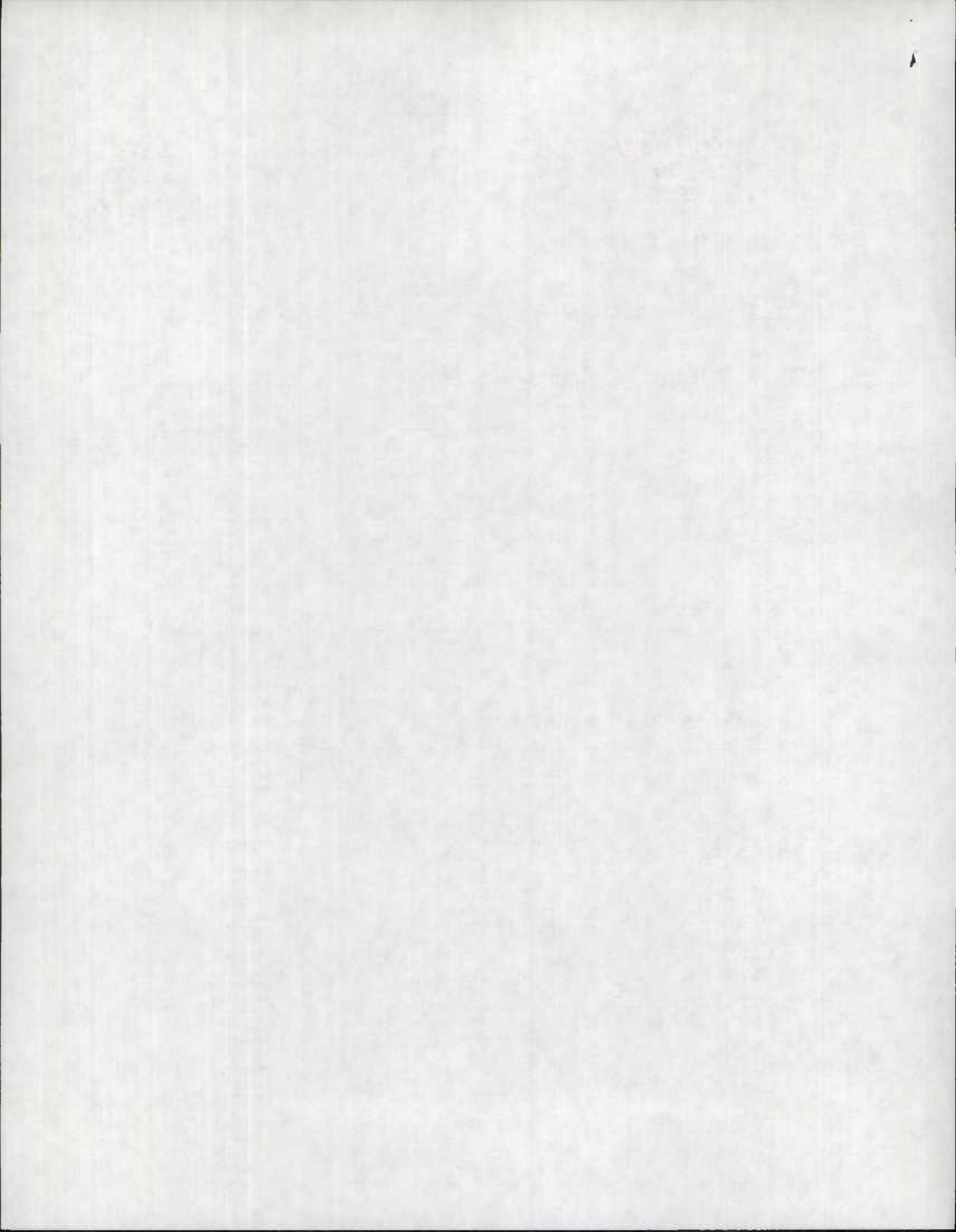
Starting Mile Pt: 3.56  
Ending Mile Pt: 3.88  
(0.32)

Horizontal Curve Section

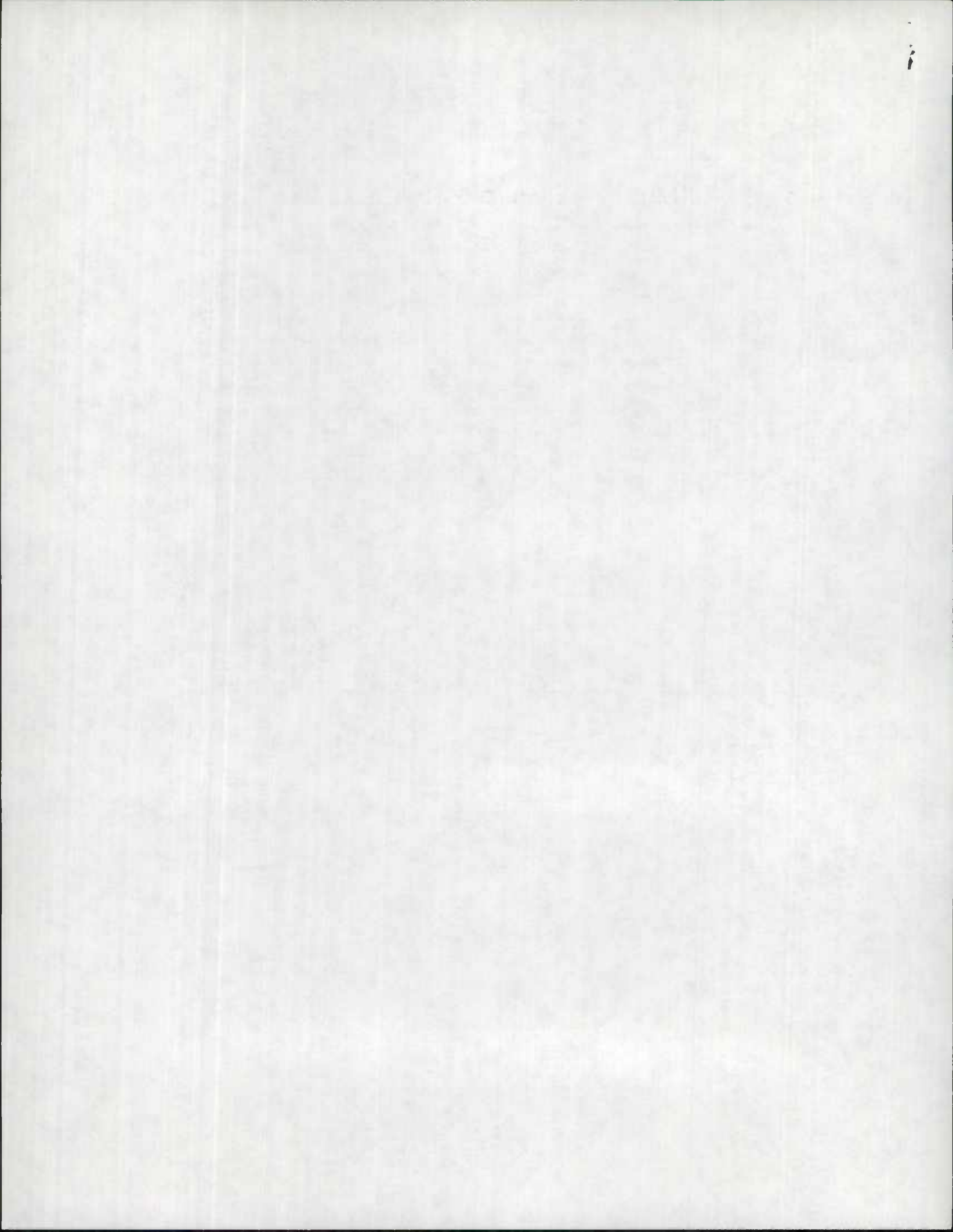
<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u>	<u>1690</u>	<u>100</u>	<u>0</u>	-----
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	<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.	28+	-----	-----

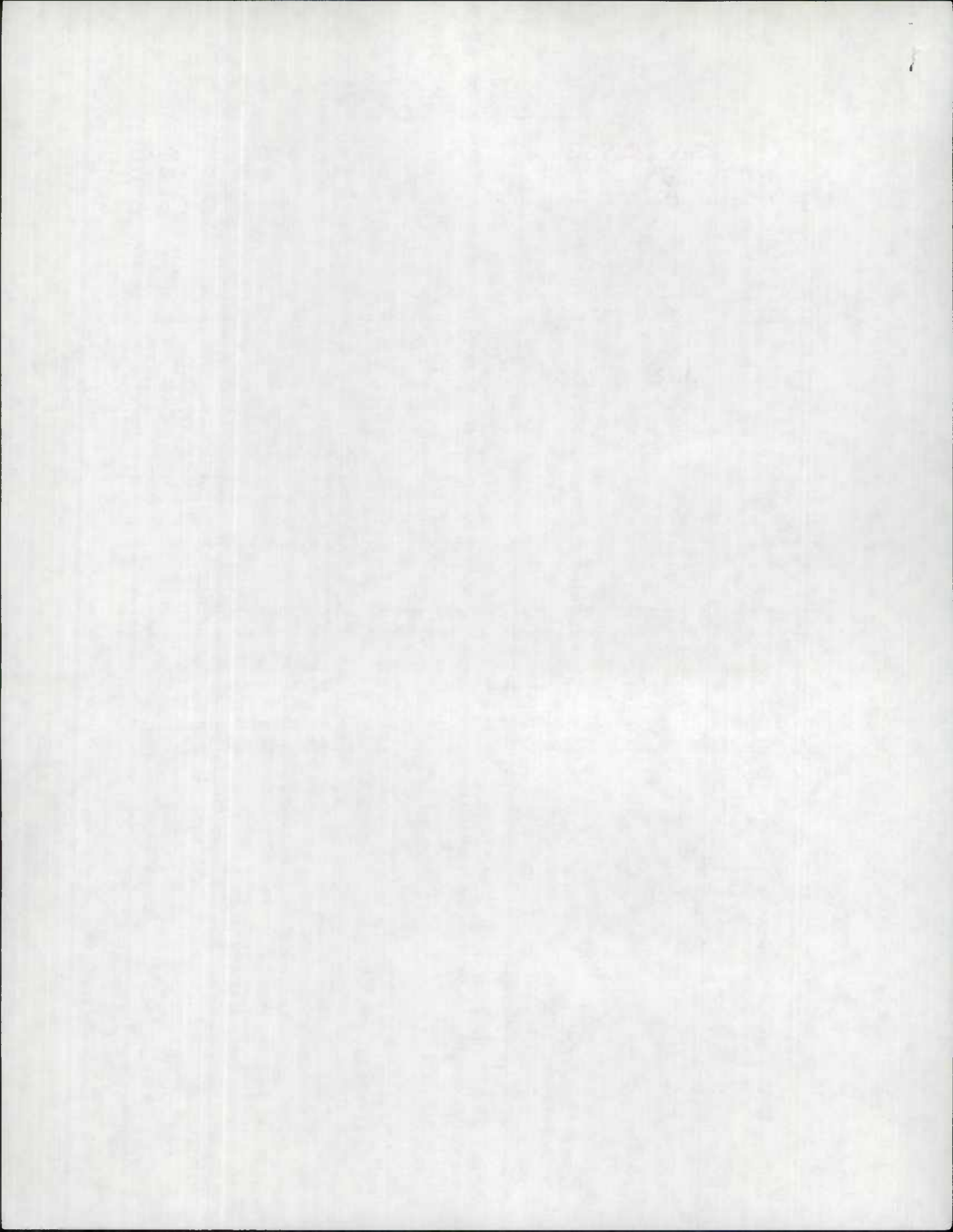






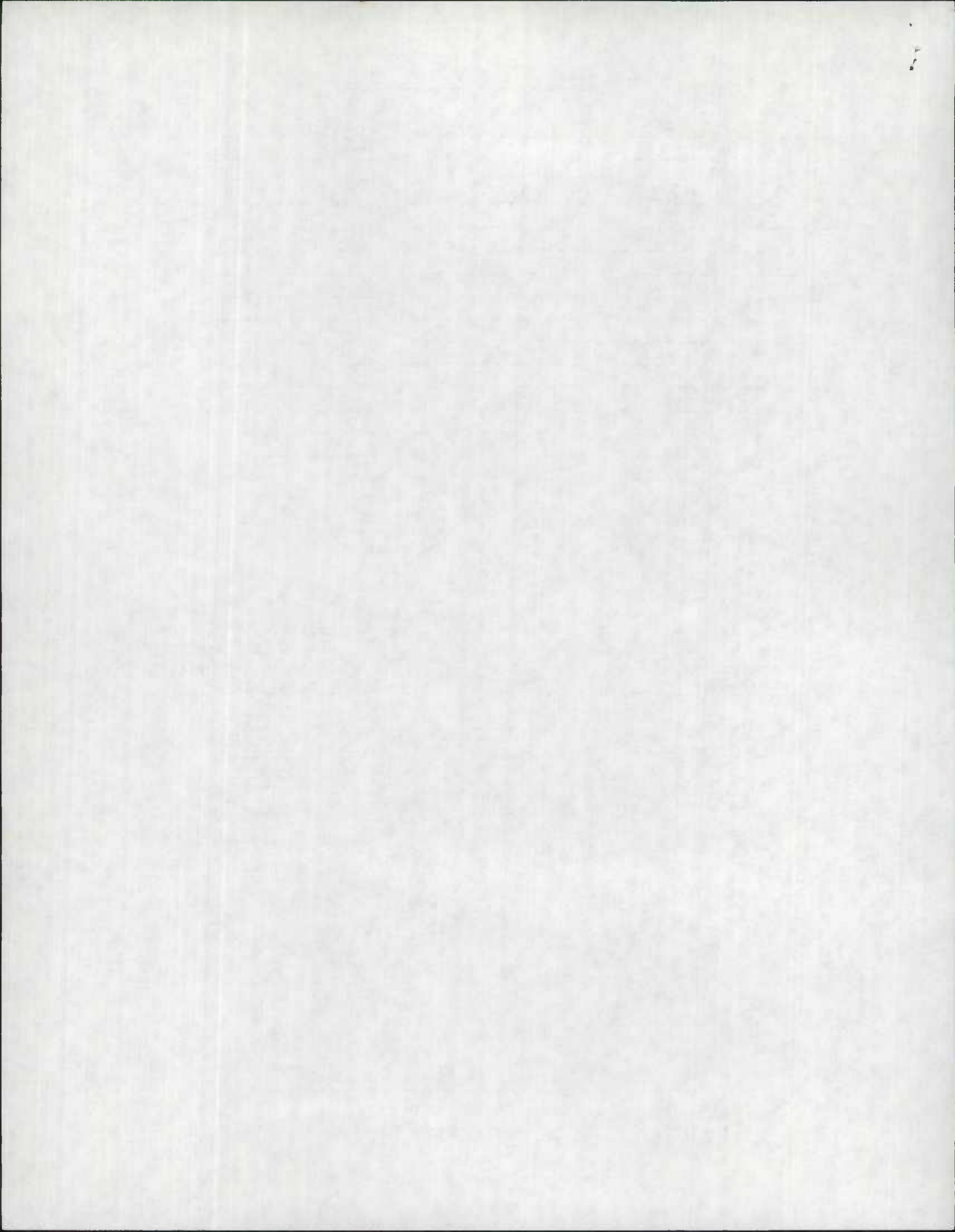




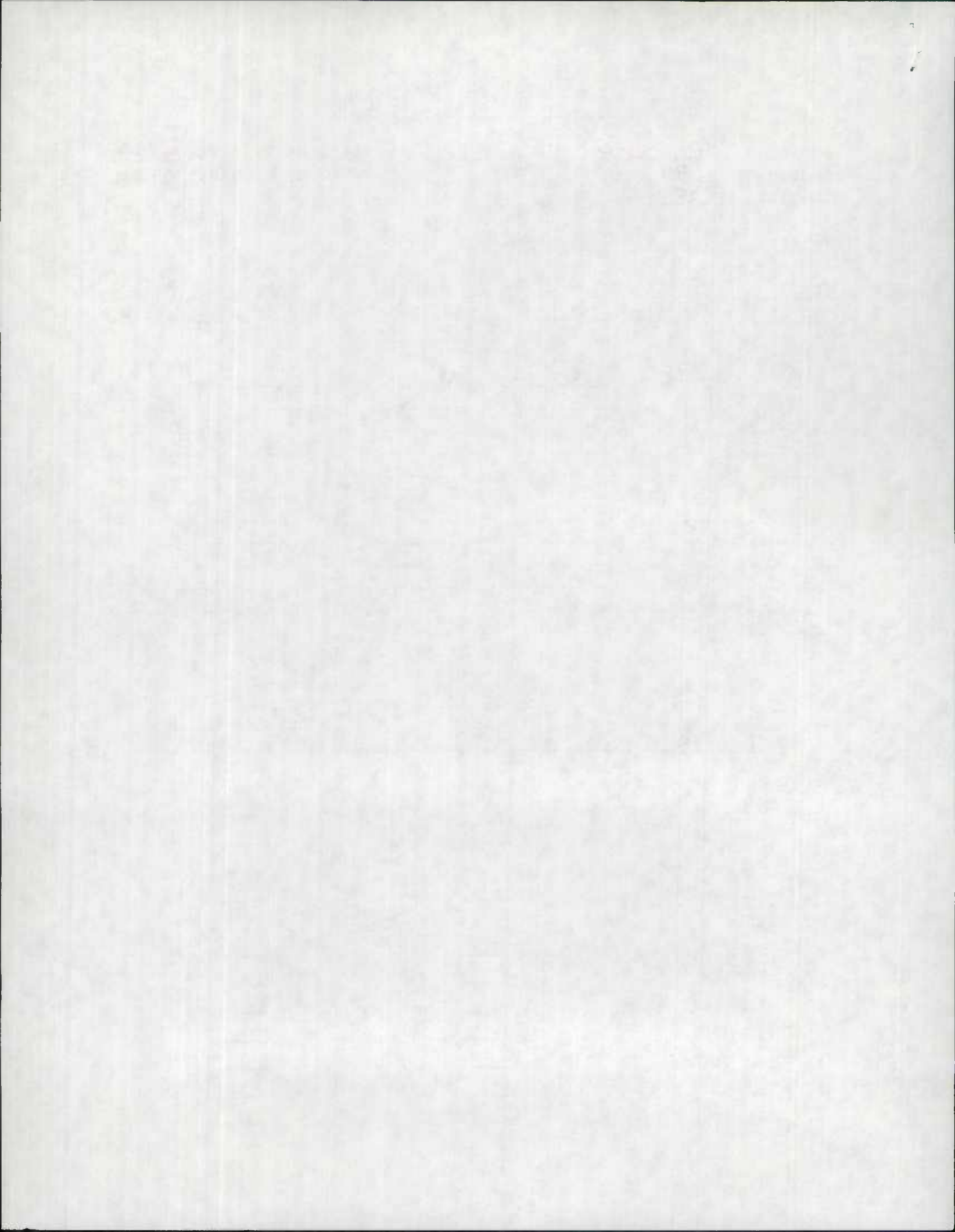










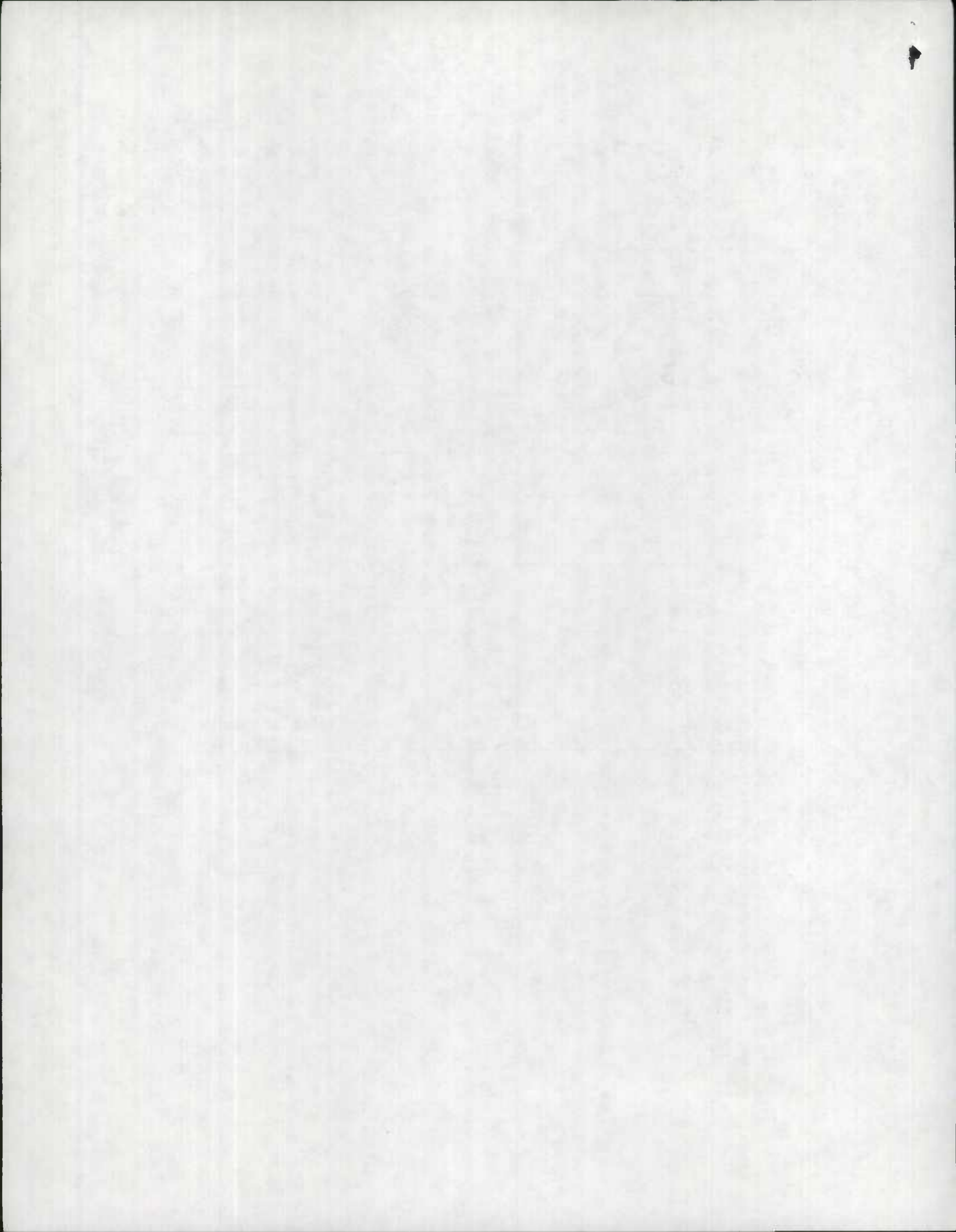




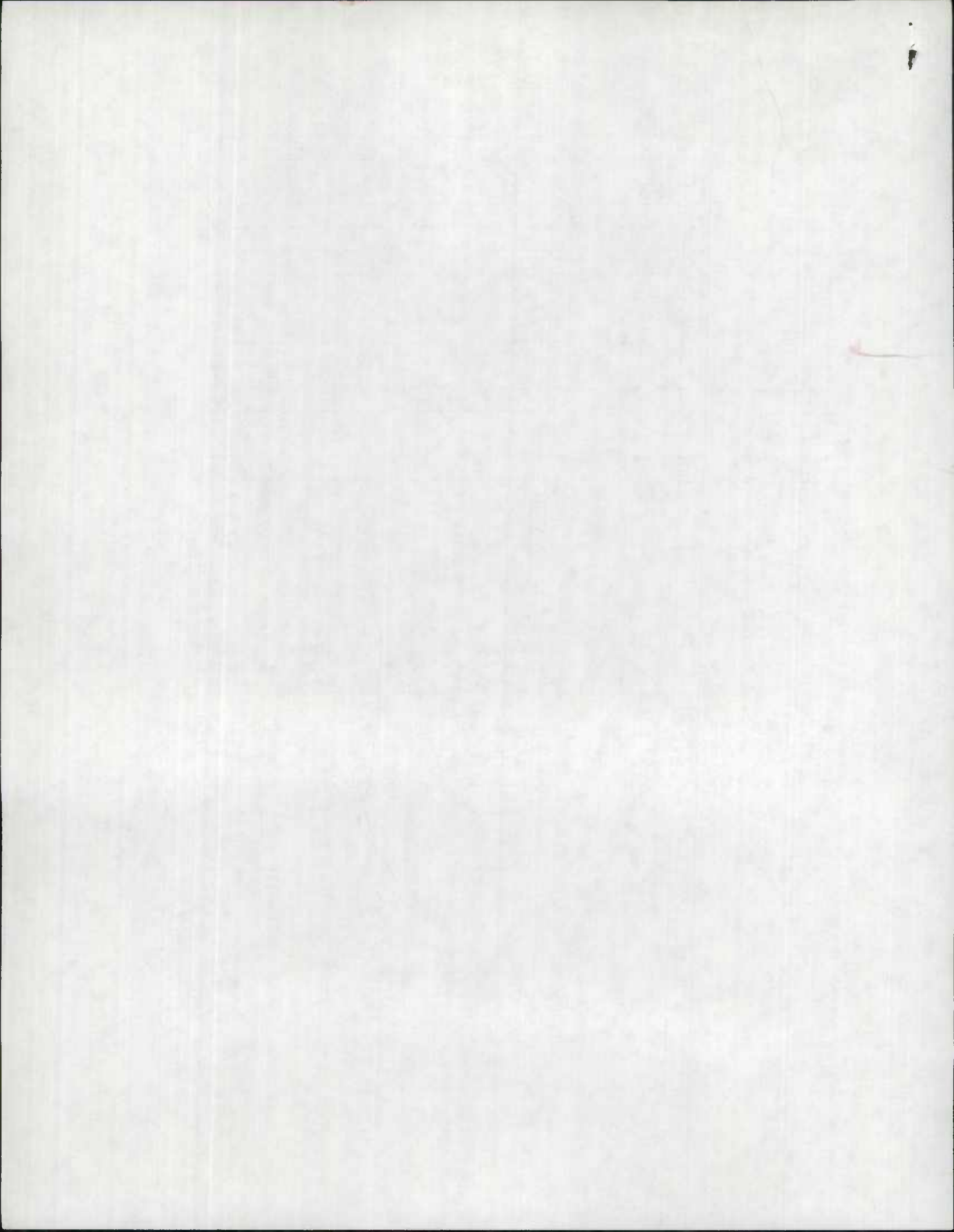














CURVE - GRADE DATA COLLECTION  
NON - STATE ROADS - FY - 1992

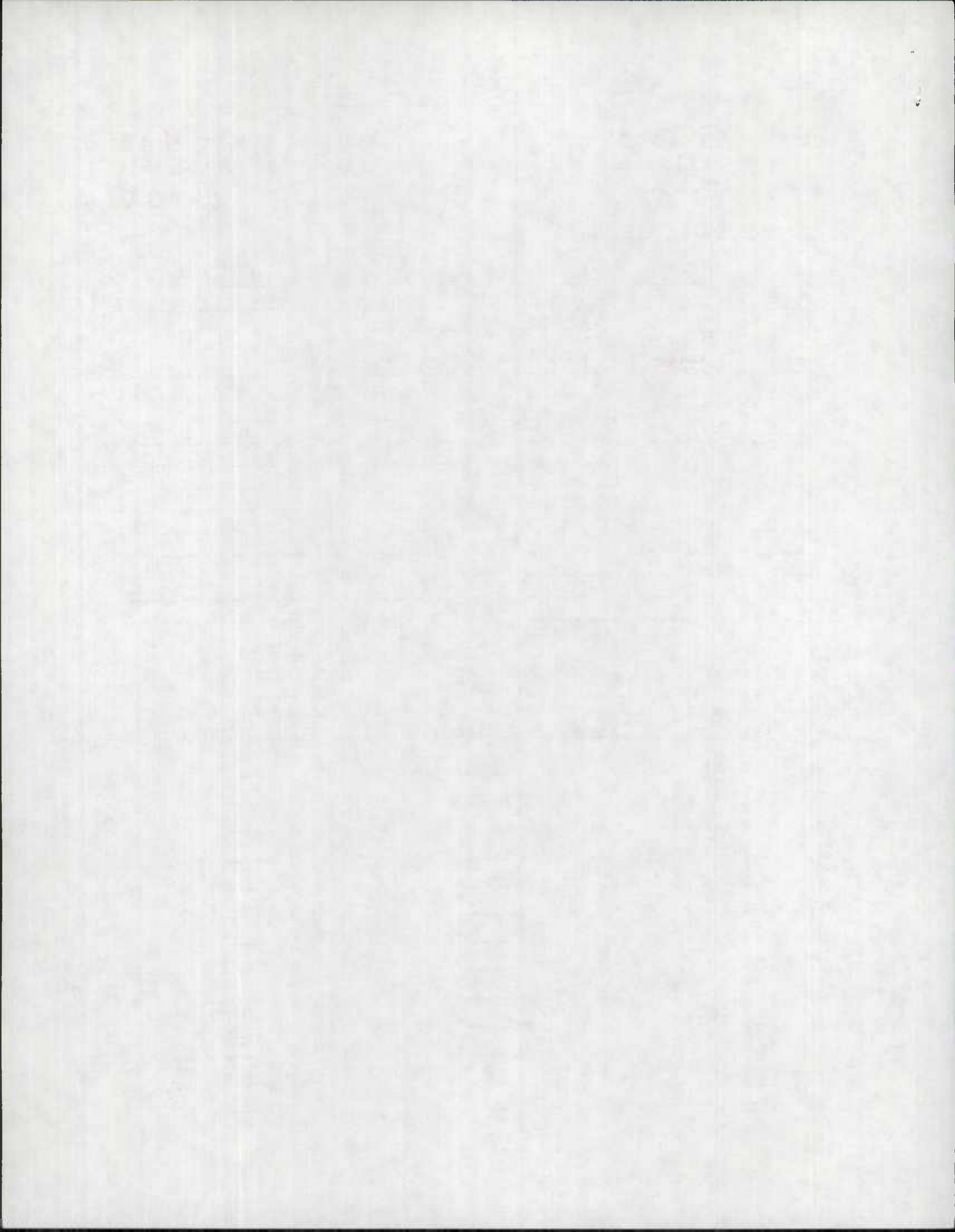
Route No: GV 0006  
 Sample No: 81  
 County: IS

Starting Mile Pt: 4.49  
 Ending Mile Pt: 5.51  
(1.02)

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>5395</u> <del>5405</del>	<u>100</u>	<u>0</u>	
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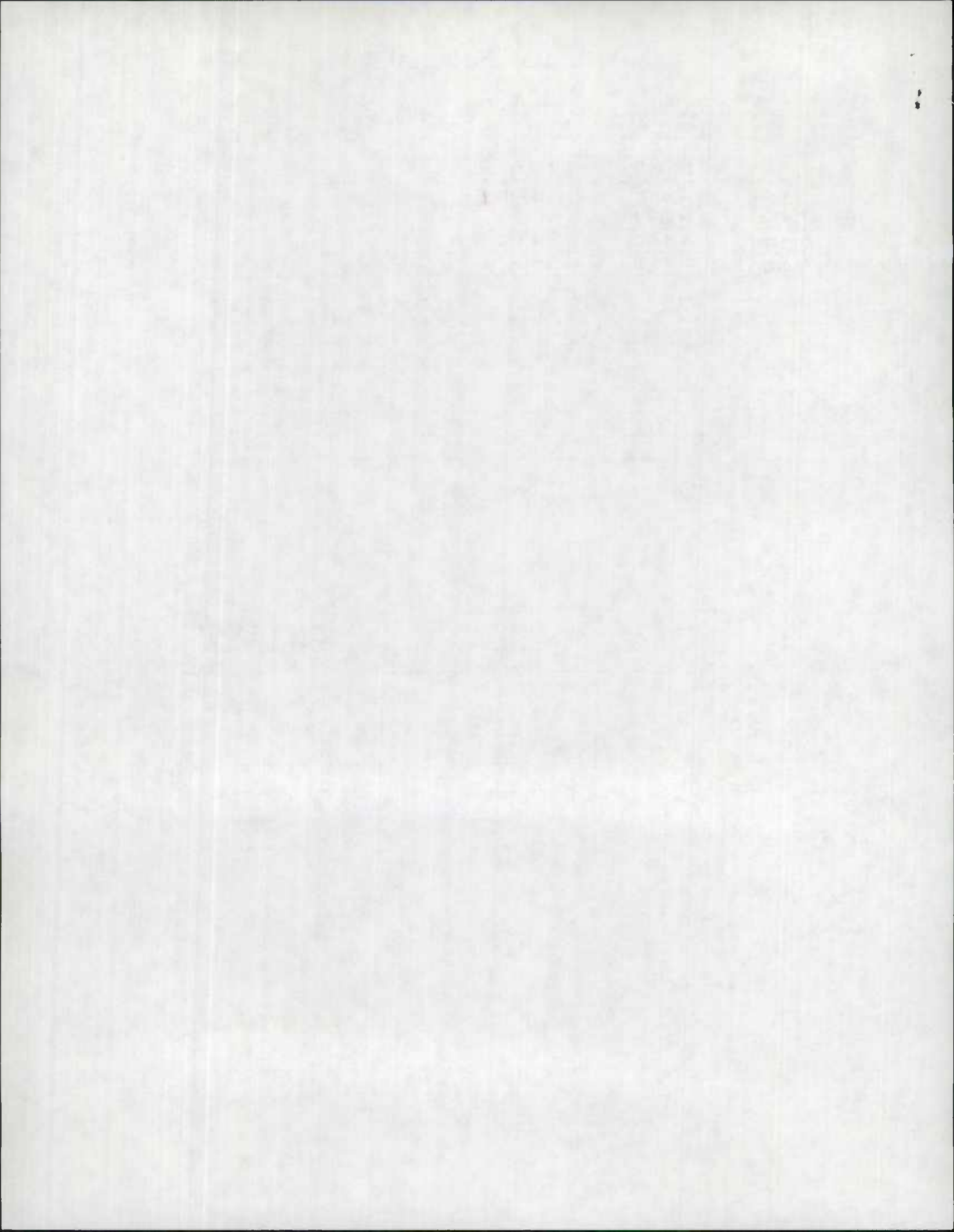
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	-----	-----
b.	0.5-1.4	-----	-----
c.	1.5-2.4	-----	-----
d.	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.	28+	-----	-----



Vertical Curve Section

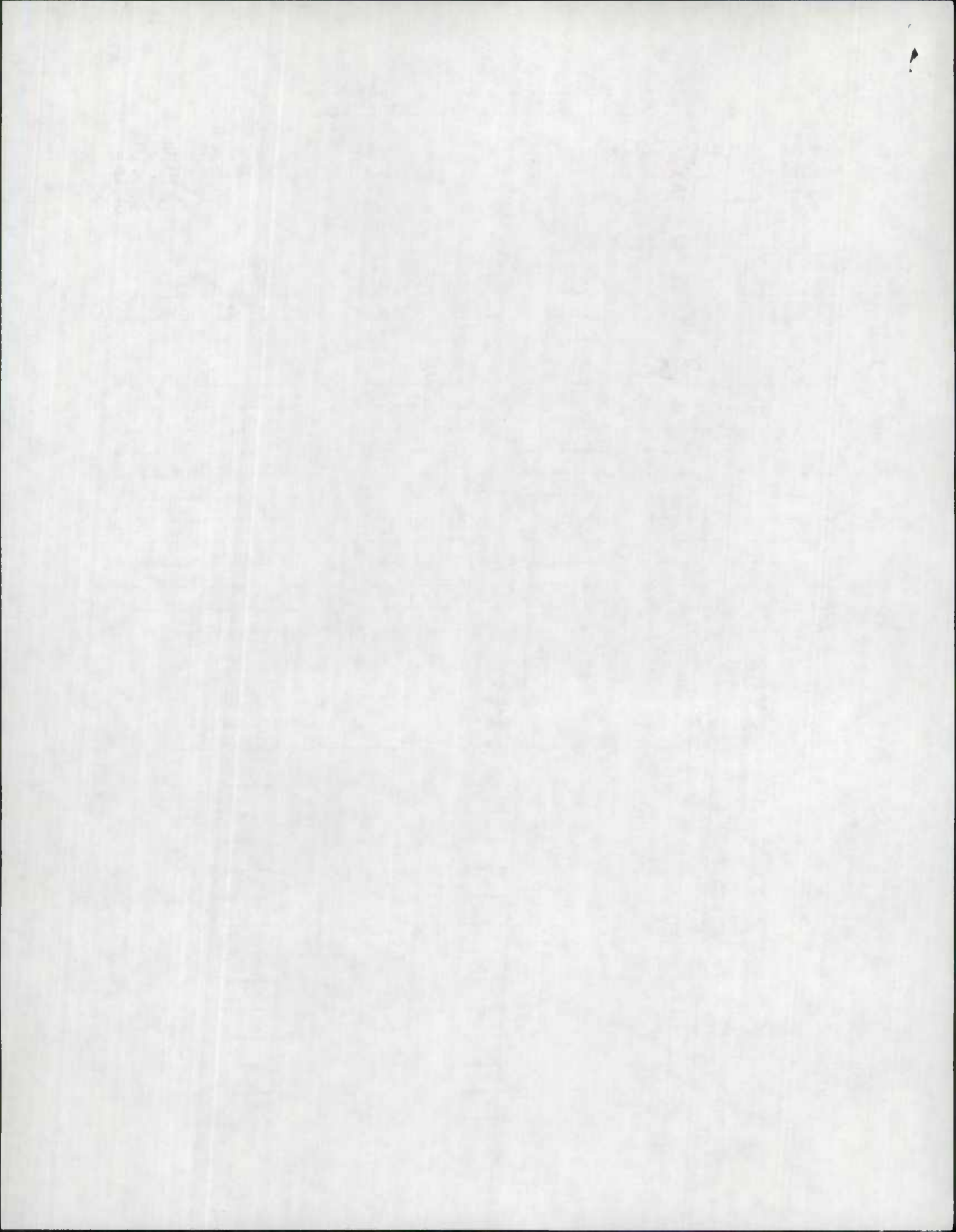
<u>Start Pt.</u> (in ft.)	<u>End Pt.</u> (in ft.)	<u>Gradient Percent</u>	<u>Length of Curve</u> (in x.xx miles)
0	1469	0%	
1469	2468	+1.2%	
2468	4071	0%	
4071	4445	-3.0%	
4445	5585	0%	

	<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-	_____	_____

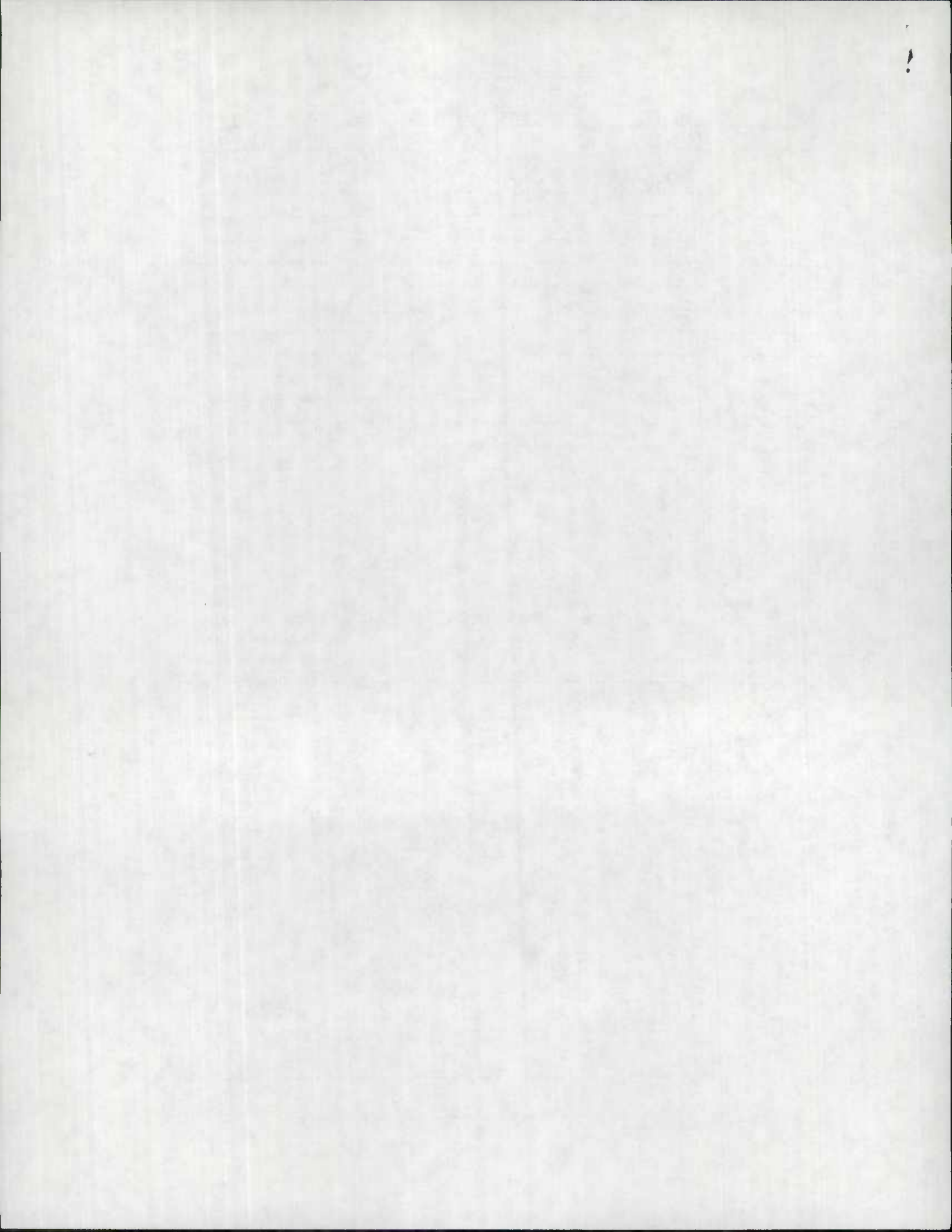












V 11/12

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

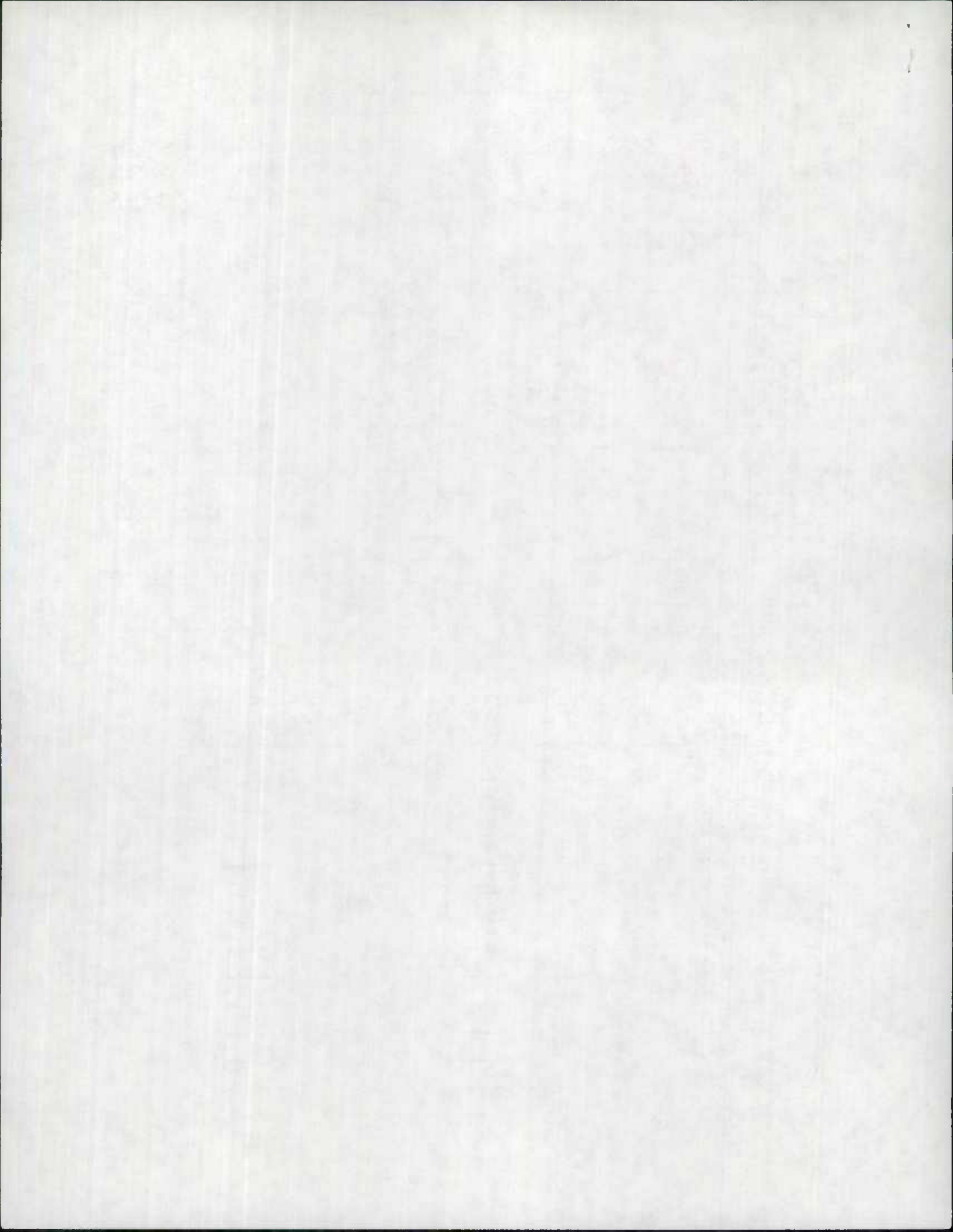
Route No: AV 0006  
 Sample No: 83  
 County: 15

Starting Mile Pt: 5.69  
 Ending Mile Pt: 6.05  
(0.36)

Horizontal Curve Section

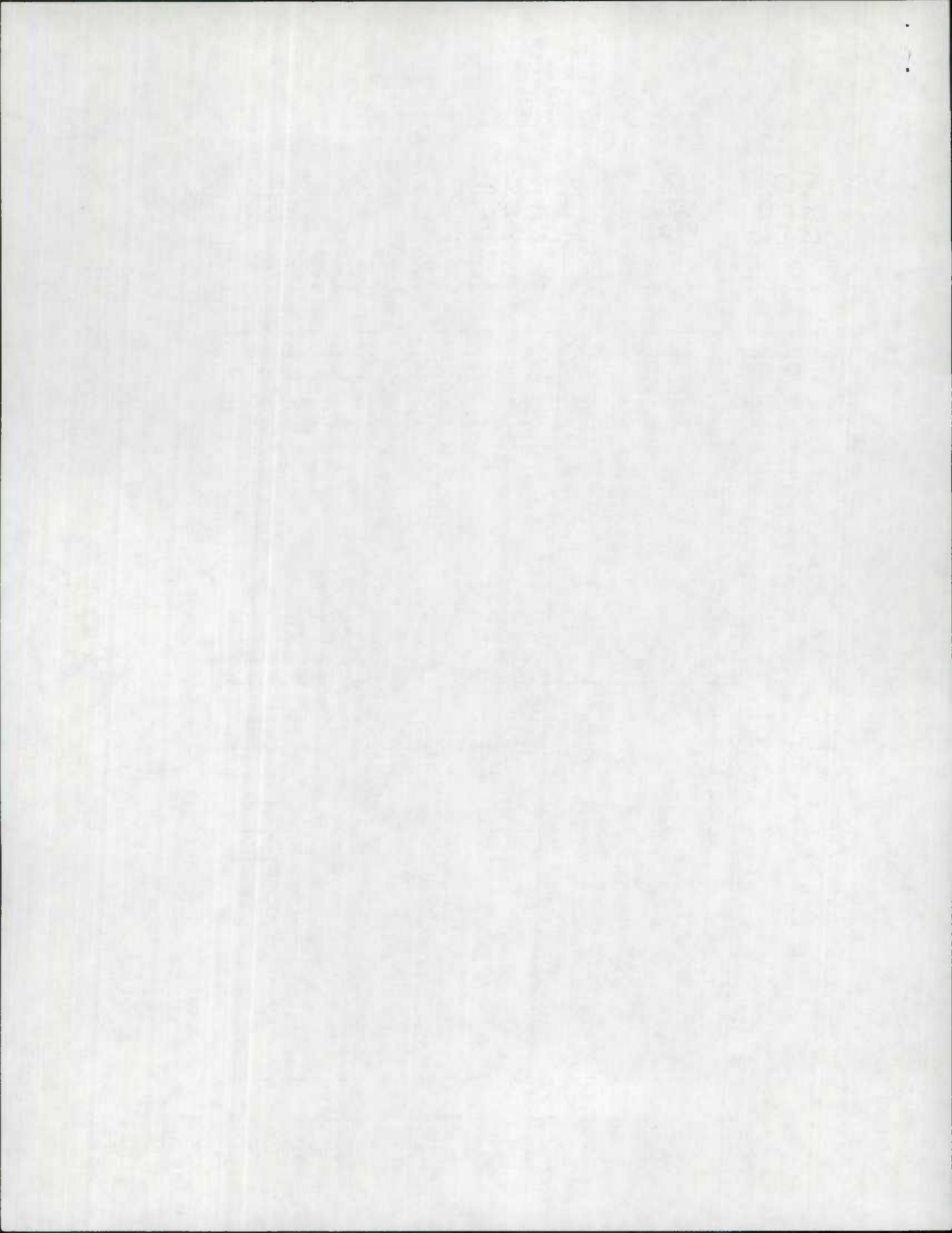
<u>Start Pt.</u> <u>(in ft.)</u>	<u>End Pt.</u> <u>(in ft.)</u>	<u>Chord</u> <u>length</u> <u>(/100ft)</u>	<u>Central</u> <u>Ord. Length</u> <u>(/100ft)</u>	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
L <u>0</u> <u>1351</u>	<u>1351</u> <u>1901</u>	<u>100</u> <u>79.9</u>	<u>0</u> <u>1.0</u>	-----
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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.	28+	-----	-----









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

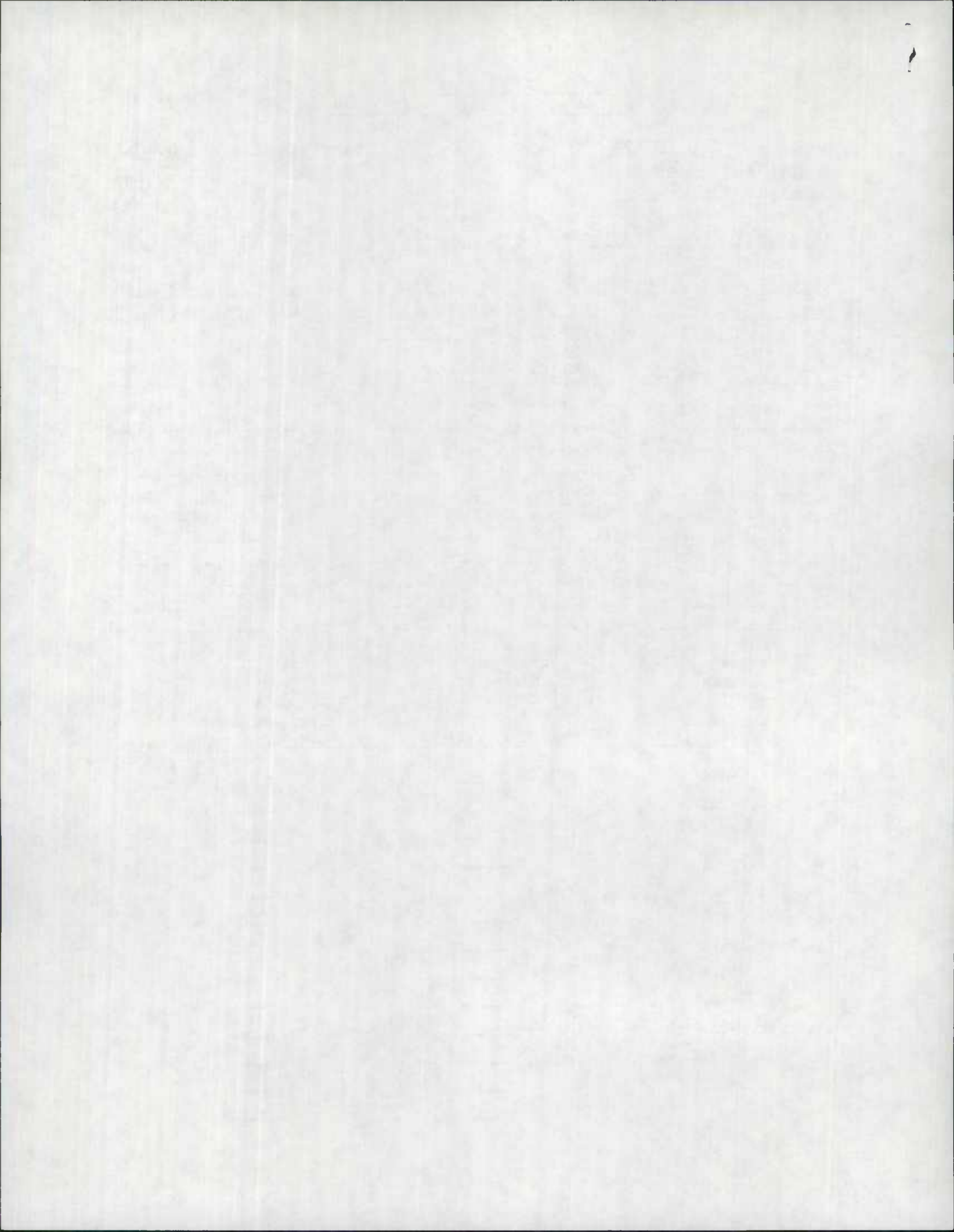
Route No: GV 0006  
 Sample No: 84  
 County: 15

Starting Mile Pt: 6.05  
 Ending Mile Pt: 6.17  
(0.12)

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>
L <u>0</u>	<u>634</u>	<u>99.9</u>	<u>1.0</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.	28+	-----	-----









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

Route No: GV 0006  
 Sample No: 25  
 County: 15

Starting Mile Pt: ~~6.47~~ 6.17  
 Ending Mile Pt: ~~6.2~~ 6.39  
(0.22)

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>Ordi. Length</u> (/100ft)	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
<u>0</u> <u>100.5</u>	<u>100.5</u> <u>116.2</u>	<u>99.9</u>	<u>0%</u> <u>1.27</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.	28+	-----	-----

