

DATE : 05/13/92

HPMS SAMPLE SECTIONS
HIGHWAY INFORMATION SERVICES DIVISION

Garrett

	CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD
	1	11	CO 0061	00.25	01.58	01.83	B-1 101-637
*	2	11	CO 0092	00.76	01.04	01.80	C-1 108-567
	3	11	CO 0159	00.77	00.41	01.18	GH B-2 148-617
	4	11	CO 0211	00.00	00.35	00.35	GH
	5	11	CO 0211	06.73	00.82	07.55	GH
*	6	11	CO 0342	00.00	00.68	00.68	B-1/A-1 132-647
	7	11	CO 0378	00.18	00.17	00.35	7C-1 145-587
	8	11	CO 0378	00.35	00.24	00.59	

* THESE ~~SAMPLES~~ ARE NO LONGER SAMPLES DO NOT
 PUT IN DATA FILE HPMS MAIN JS 10/15/92

D-132A

1912

THE UNIVERSITY OF CHICAGO

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THE UNIVERSITY OF CHICAGO

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THE UNIVERSITY OF CHICAGO

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THE UNIVERSITY OF CHICAGO

1912

ROAD INVENTORY SHEET

Party Chief T. LANDON W. of Swallow
 Recorder E. KOENIG Falls State
 Chairman P. FRAZEE Forrest

Road No. Co. 61
 Name CRANESVILLE RD.
 Sheet No. 10F6
 Date 6-11-68
 County GARRETT

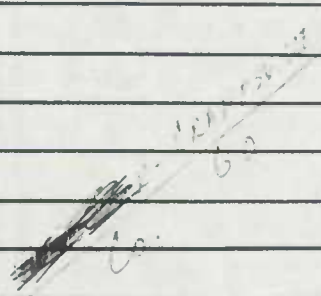
101-637

Collector	Station	Notes	Remarks	Other
MINOR	026			X
MINOR	027			
MINOR	028		12" CMP	
MINOR	017			73-14
MINOR	015	RELOCATED		10" F.I.
MINOR	013			24" CW
MINOR	011		4 12" CMP	X
MINOR	006			
MINOR	005		15" CMP	
MINOR	004			73-14
MINOR	001		F	12" F.I.
MINOR	000			18" CW
MAJOR		STATE	LINE	
MAJOR		STATE	LINE	✓
MAJOR	0.52			
MAJOR		W. VA. Rte 47		
MAJOR		PRESTON Co.		
MAJOR		W. VA. Co. ?		

H.P.M.S. ↓

↓

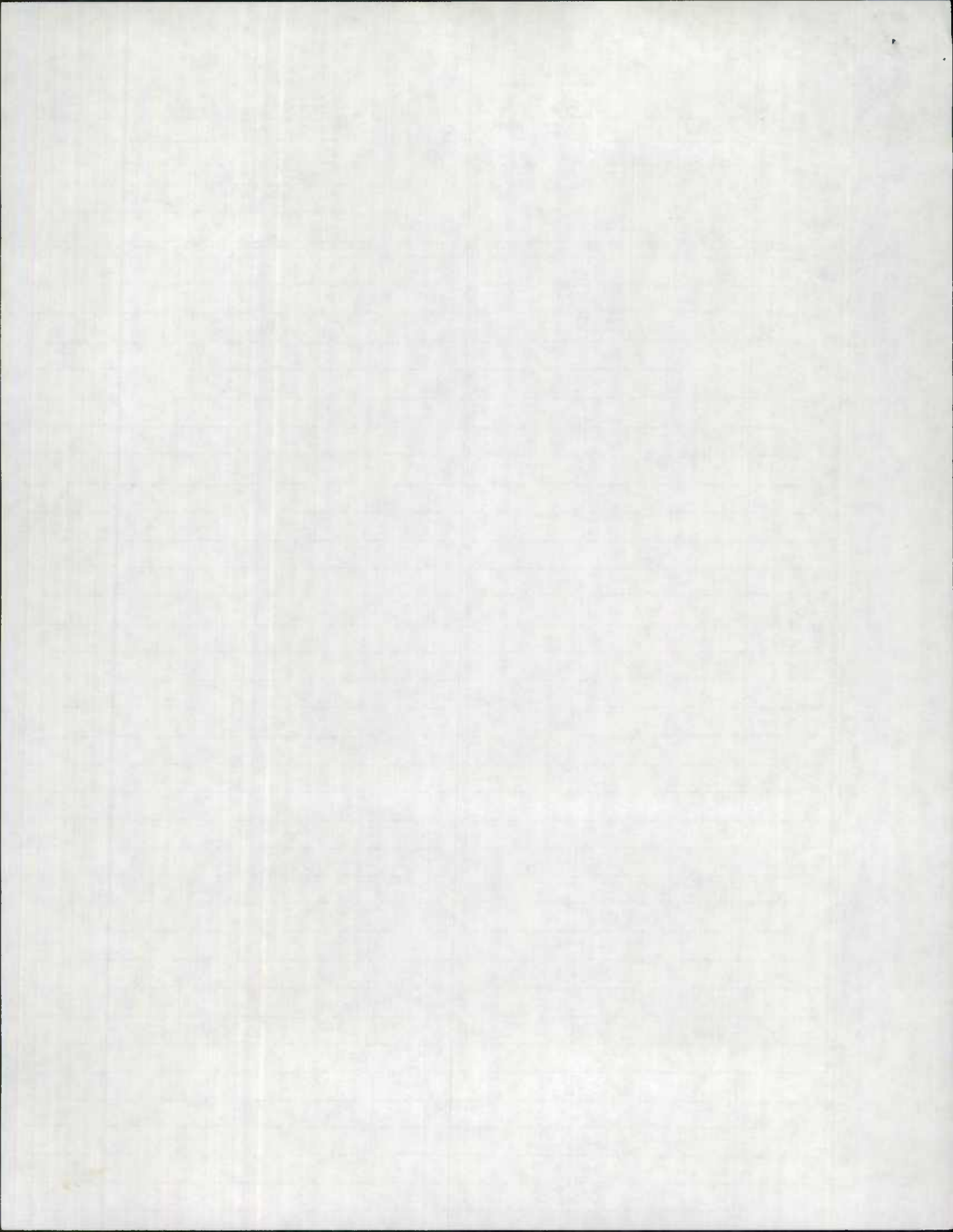
FAS 1002
MAJOR COLLECTOR



RELOCATED
 → EC

W. VA. Rte 47
 PRESTON Co.

W. VA. Co. ?



ROAD INVENTORY SHEET

①

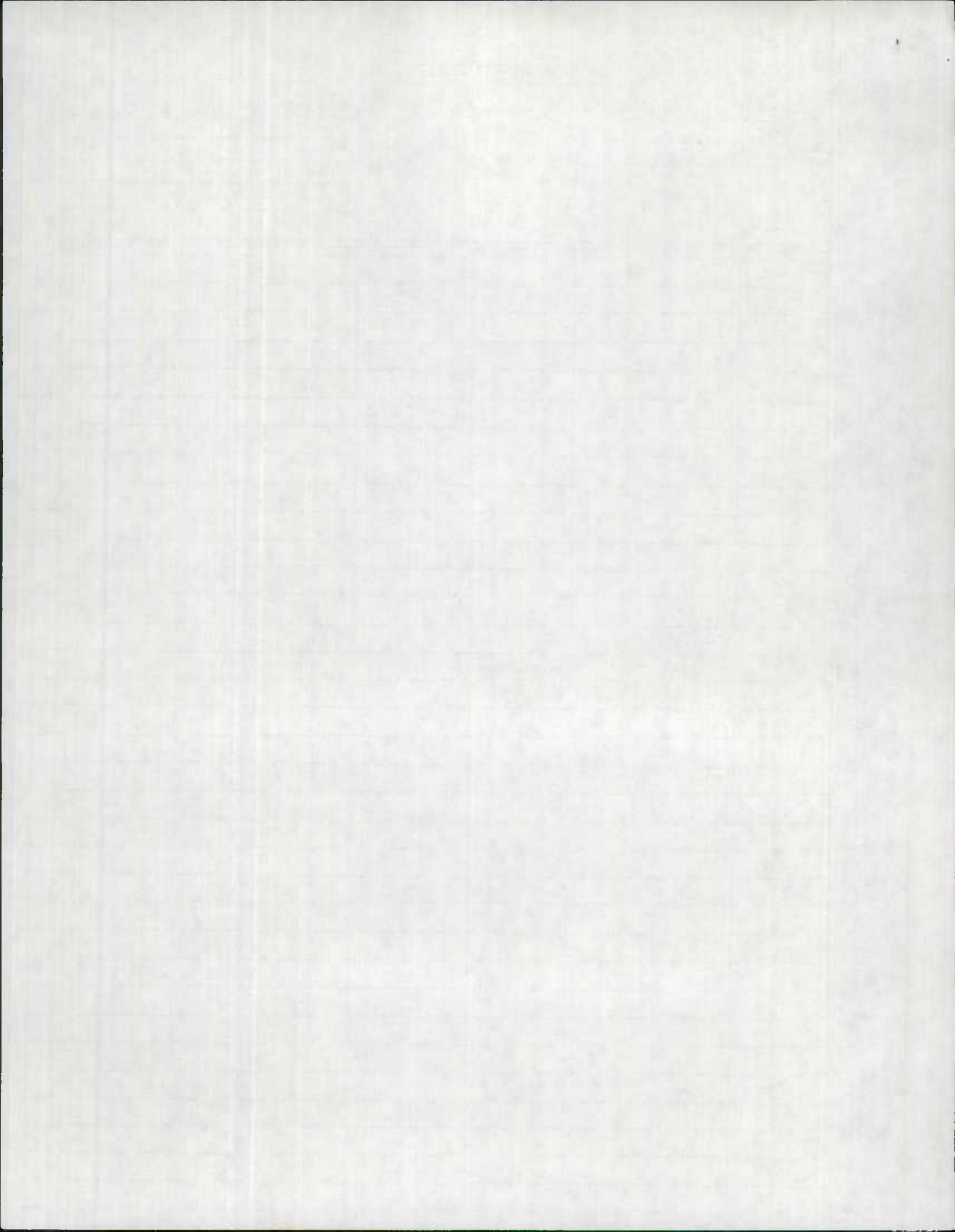
Party Chief T. LANDON
 Recorder E. KOENIG
 Chairman P. FRAZEE

Road No. Co. 61
 Name GRANESVILLE RD.
 Sheet No. 20F6
 Date 6-19-68
 County GARRETT

		F	1 53	12" CMP	
			1 48		
			1 67		PTA
			1 55	12" CMP	50°
			1 32	12" CMP	PC
		H	1 12		
		H	1 11		
			1 07	36" CMP	
			1 01	H	
			0 95		
			0 91	11" CMP	
			0 88	F	
			0 65	15" CMP	
			0 50	12" CMP	
			0 46		PTA 70°
			0 37		PC
					73-14
					14" I
			0 29	18" CMP	2-2' SHLD
					22" CW

MINOR COLLECTOR
 H.P.M.S.
 1st FA 50° PC
 NON FA 50° PC





ROAD INVENTORY SHEET

✓
②

Party Chief T. LANDON
Recorder E. KOENIG
Chainman G. HUMBERSON

South of
Crellin

Road No. Co. 92
Name CRELLIN-UNDERWOOD RD
Sheet No. 1 OF 3
Date 7-9-68
County GARRETT

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			076	18" CMP	*
			073	12" CMP	
			052	12" CMP	
			048		
			041	12" CMP	
		F 450'	038		
		↑30° UNDERGROUND	036	CABLE	
			032		45°↑
			028	12" CMP	
		↑PT 50°	024	12" CMP	
		PRC	015		PRC 80°
			008	12" CMP	PC
			007	0.02/14'G	73-10
			003	12" CMP	18'I
			000		20'CW
					14'G
					20'CW
					✓

HPMS
↓

MINOR
↑30°

MINOR

UNDERWOOD
CA

N
↑

187

ROAD INVENTORY SHEET

2

Party Chief T. LANDON
 Recorder E. KOENIG
 Chainman G. HUMBERSON

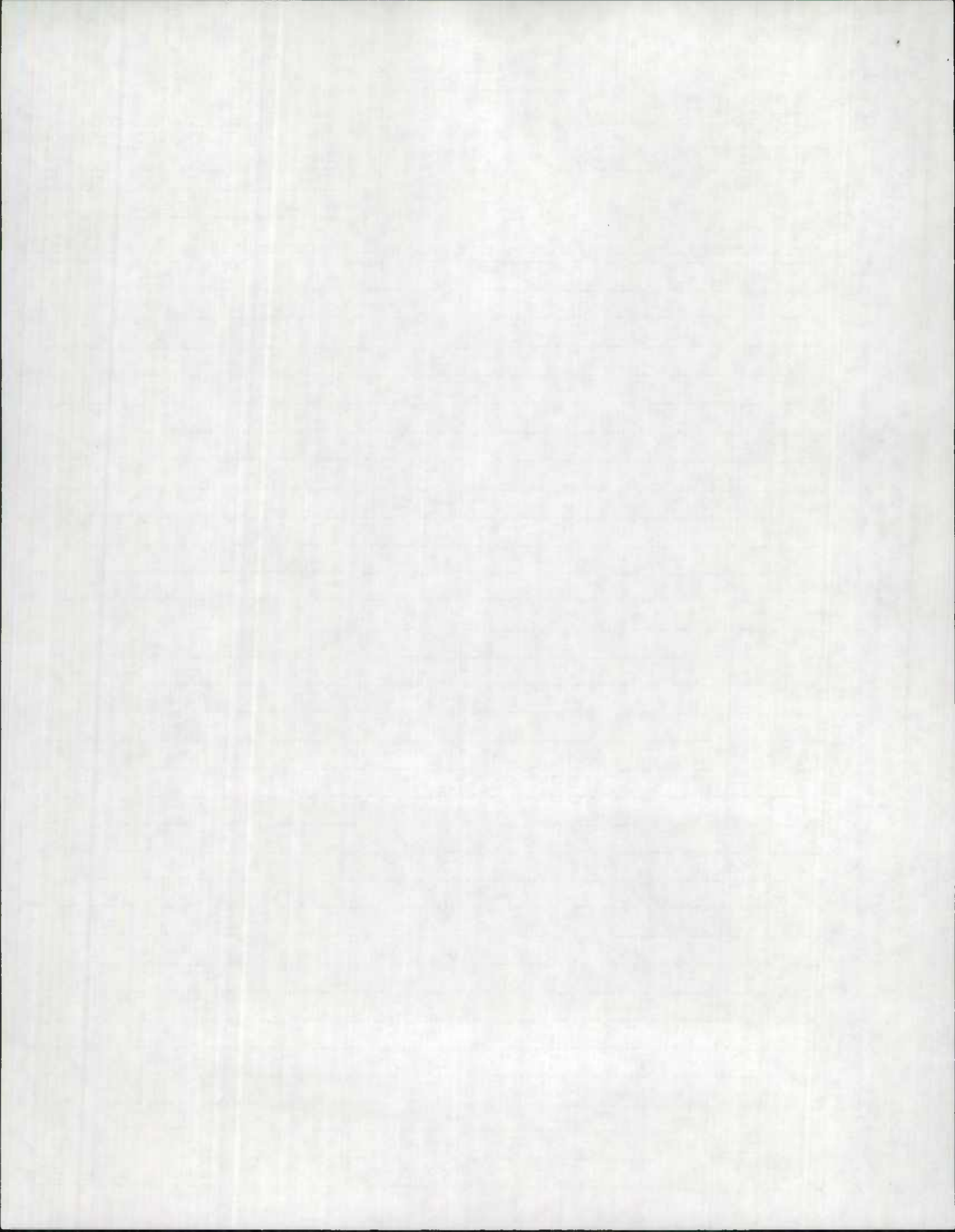
Road No. Co. 92
 Name CRELLIN-UNDERWOOD RD
 Sheet No. 2 OF 3
 Date 7-9-68
 County GARRETT

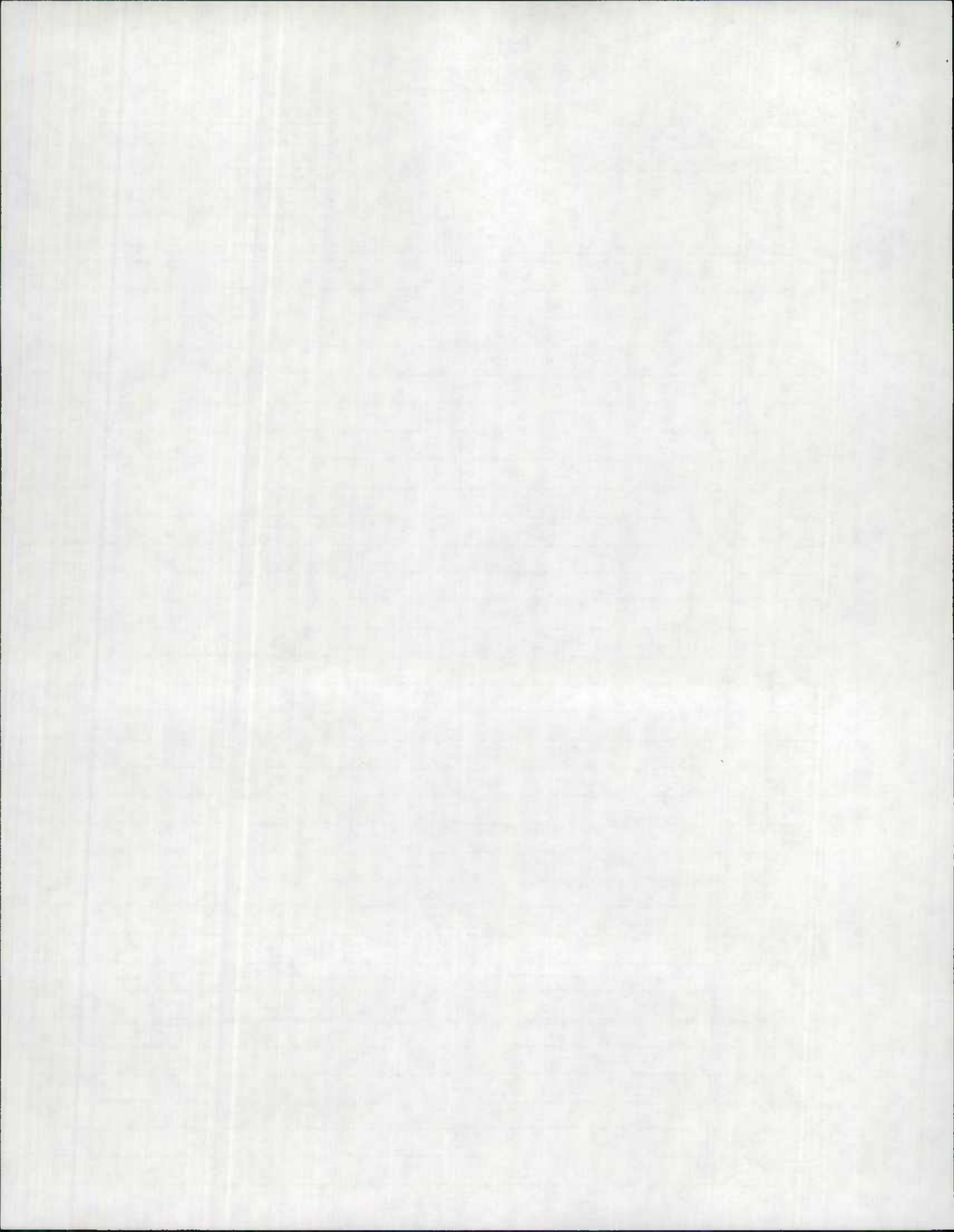
		156		PC
		151		30'↑
		142	H	
	1350	140		
	H	137	H	30'↑
		136	H	
		129	H	
		122	24" CP	
		119	H	
	ASHBY CEMETERY RD			
		Co. 303	111	
		H	109	H
			105	36" CMP (SQUASH)
		H	100	
			099	DR.
		H	091	
		H	081	12" CMP
		H	077	15' G
				22' ESHEL
				21' CH

COLLECTOR

MINOR

HPMS



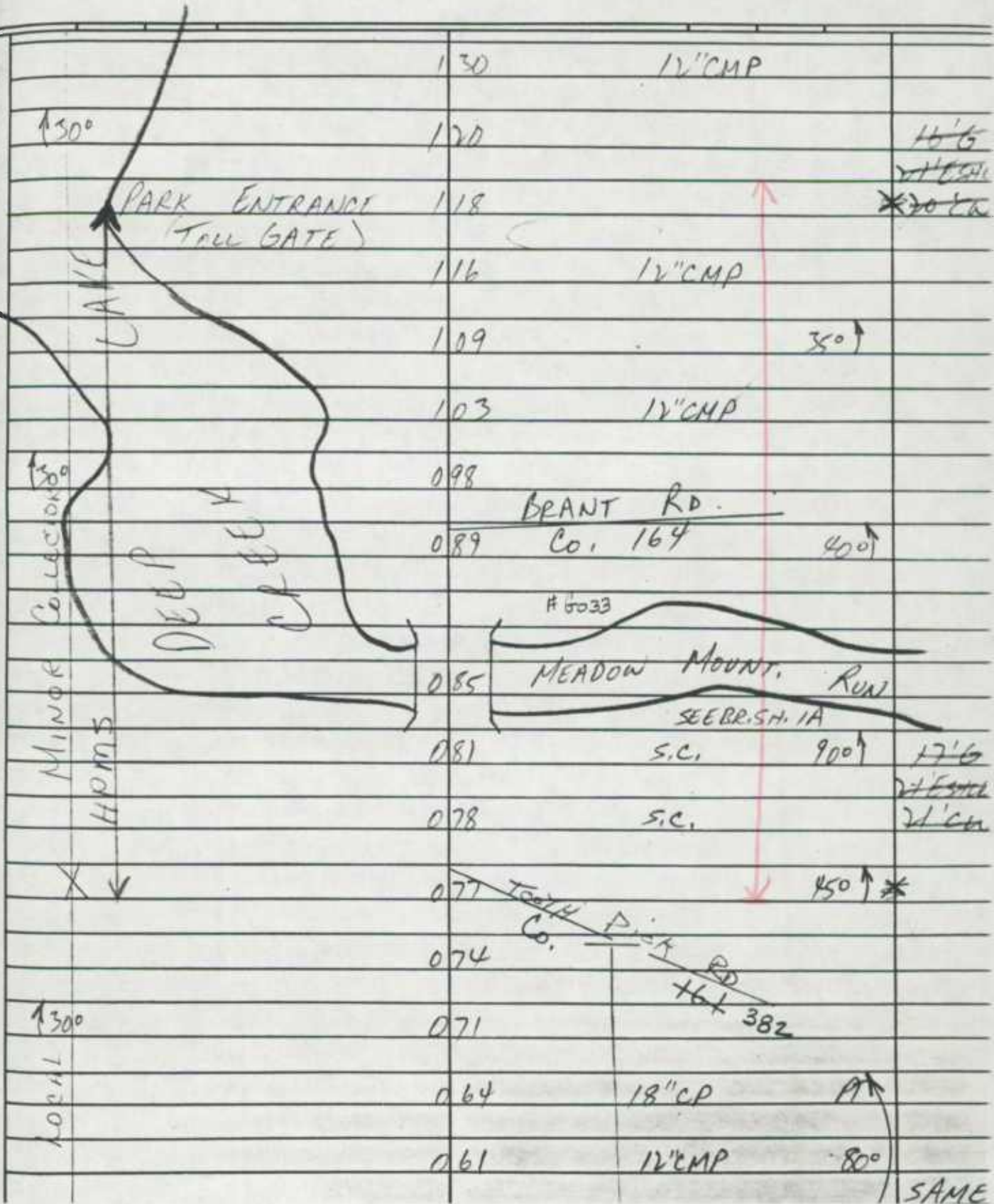


ROAD INVENTORY SHEET

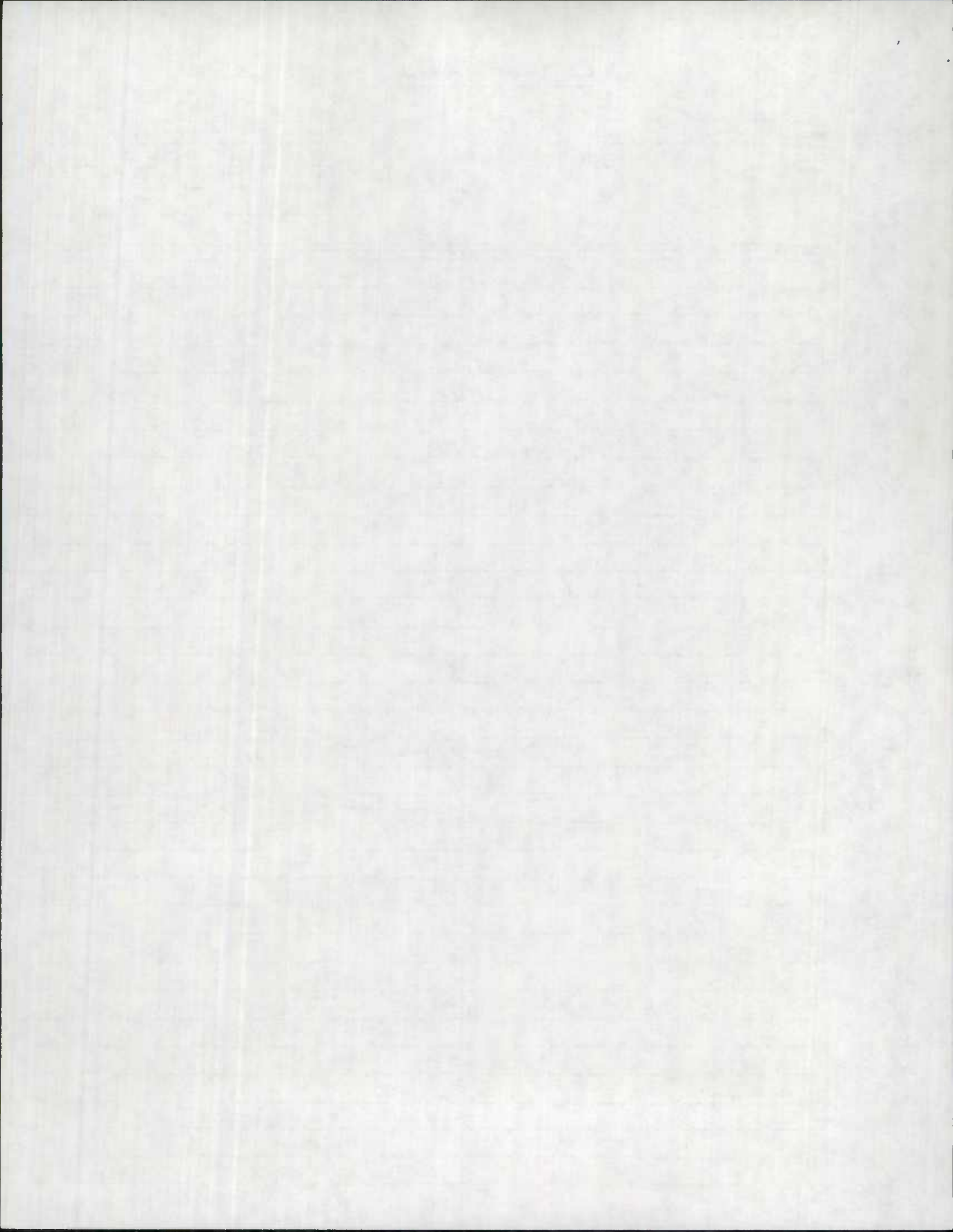
3

Party Chief T. LANDON
 Recorder E. KOENIG
 Chainman F. GEORGE

Road No. Co. 159
 Name STATE PARK RD.
 Sheet No. OF 4
 Date 8-13-68
 County GARRETT



SAME



ROAD INVENTORY SHEET

Party Chief W. DOMBROSKI
Recorder M. ZALENSKI
Helper _____

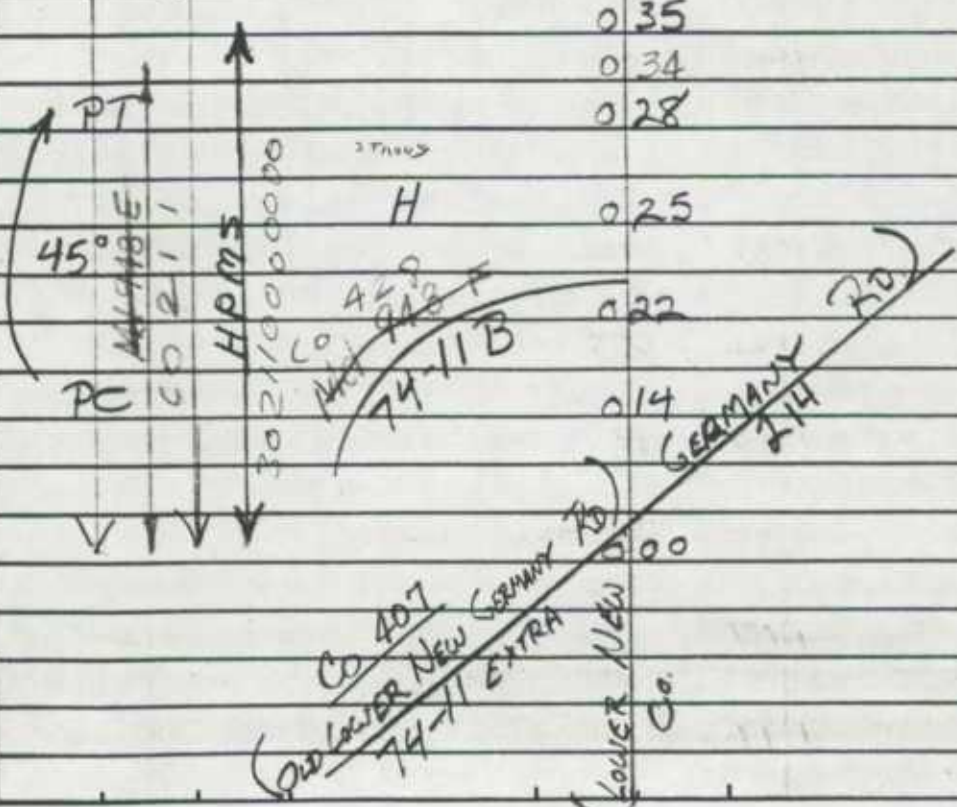
Road No. Co. 211
Road Name AVILTON-LONACONING RD.
Sheet No. 1 OF 12
Date 2-25-75
County GARRETT
State Coordinates 217-679

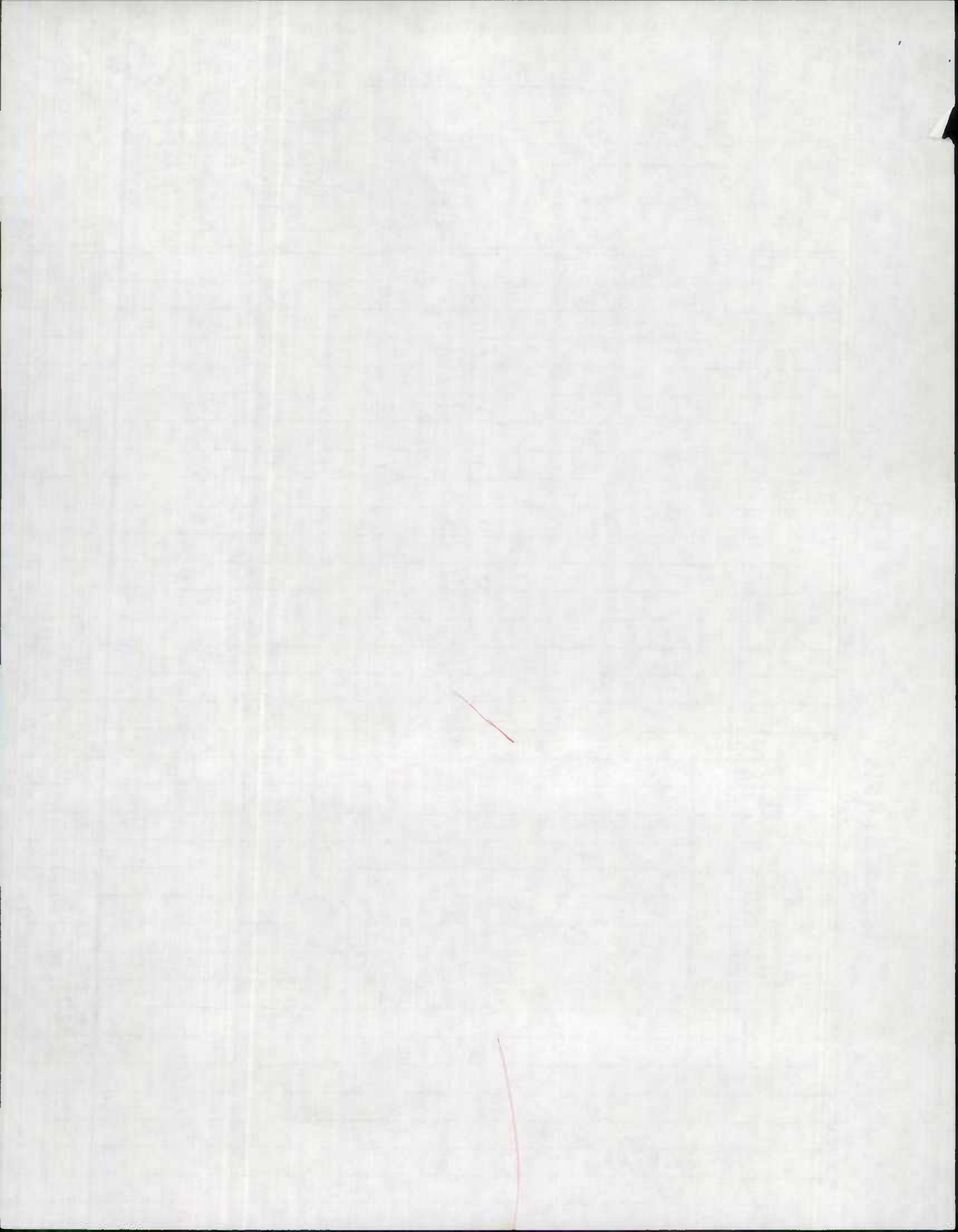
Map No. G12 VERIFIED
6-4-75 w/d
m.z.

AS PER
AGREEMENT

74-11A

Station	Description	Notes
0.94	CHANEY RD Co. 325	
0.77		
0.72	400' F	
0.70	200' H	
0.69	H	PT 40° PC
0.62		
0.50	TH	20' I 18' I
0.46	F	2-7' Eshk 22' CW
0.35		X 2 UML
0.34		
0.28		
0.25	H	
0.22		
0.14	GERMANY RD	20' I 2-6' Eshk 36' CW V 20ML
0.00	Co. 407 Lower New Germany Rd 74-11 EXTRA LOWER NEW Co.	





ROAD INVENTORY SHEET

Party Chief _____
Recorder _____
Helper _____

Road No. Co 211
Road Name _____
Sheet No. 9 OF 12
Date _____
County _____
State Coordinates _____

Map No. _____

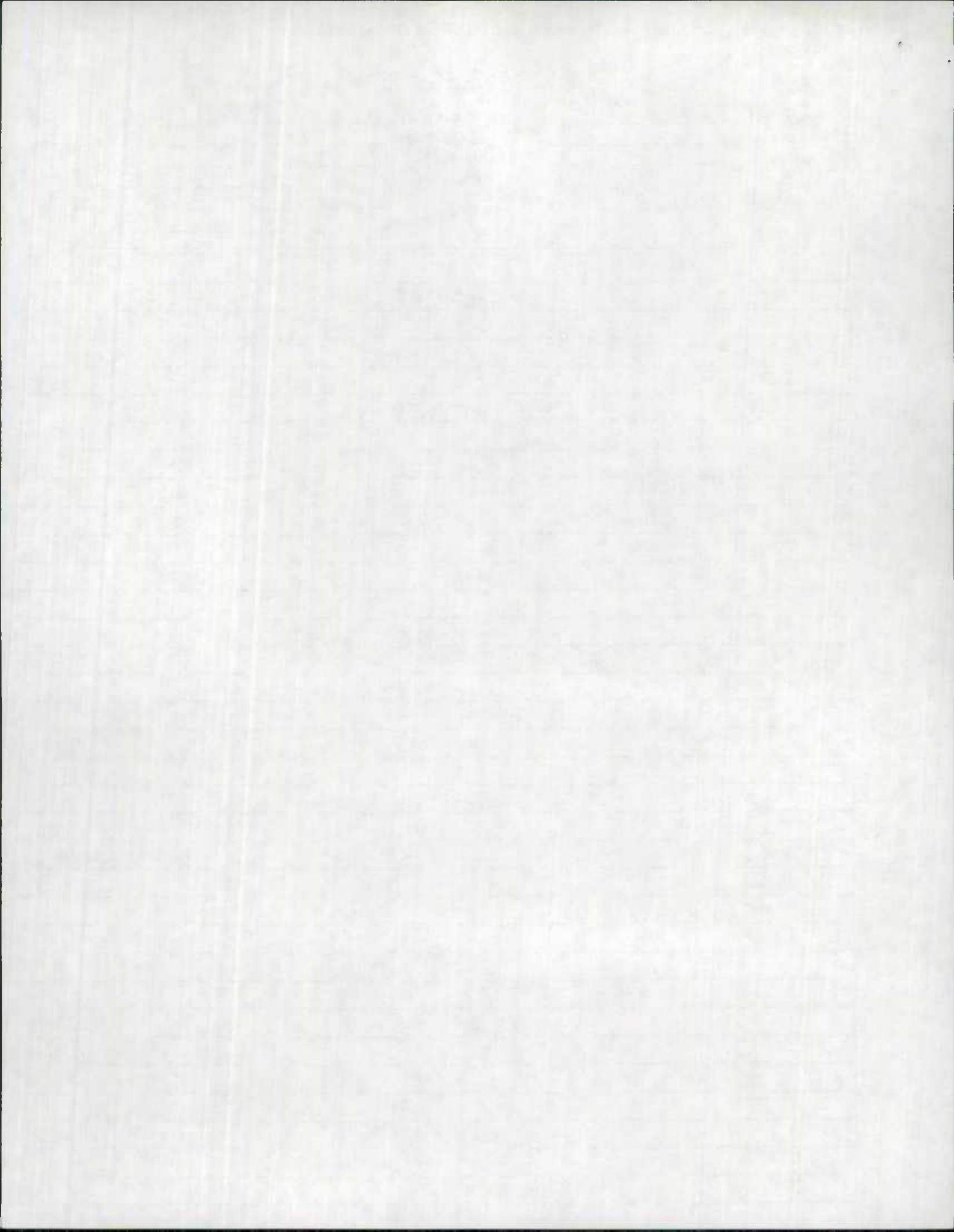
		130°	815 7.97	15" CMP	
		130°	792 7.64		14' I 21' E SHED 30' CW
		130°	703 7.55		*
			799 7.51	15" CMP	PT 45°
			766 7.38	15" CMP	PC
		130°	757 7.29	15" CMP	
			750 7.22		30° }
			745 7.17	15" CMP	
		130°	734 7.06		
		40°	721 6.93	15" CMP	
			715 6.85		16' G 21' E SHED 18' CW
		130°	708 6.80		
			706 6.78	36" CMP	
			703 6.75	15" CMP	12' I 24' E SHED 18' CW
			701 6.73		*
			696 6.68		35° } same



1015
 FAS
 COLLECTOR
 HPM5
 30 211000 673

WAAR
 H

871



ROAD INVENTORY SHEET

CO 342



Party Chief T. LANDON
 Recorder E. KOENIGS
 Chairman _____

132-647

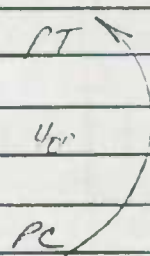
Road No. MD 42
 Name FRANKLIN HUGHES RD
 Sheet No. 10 OF 2
 Date 5-6-68
 County GARRETT

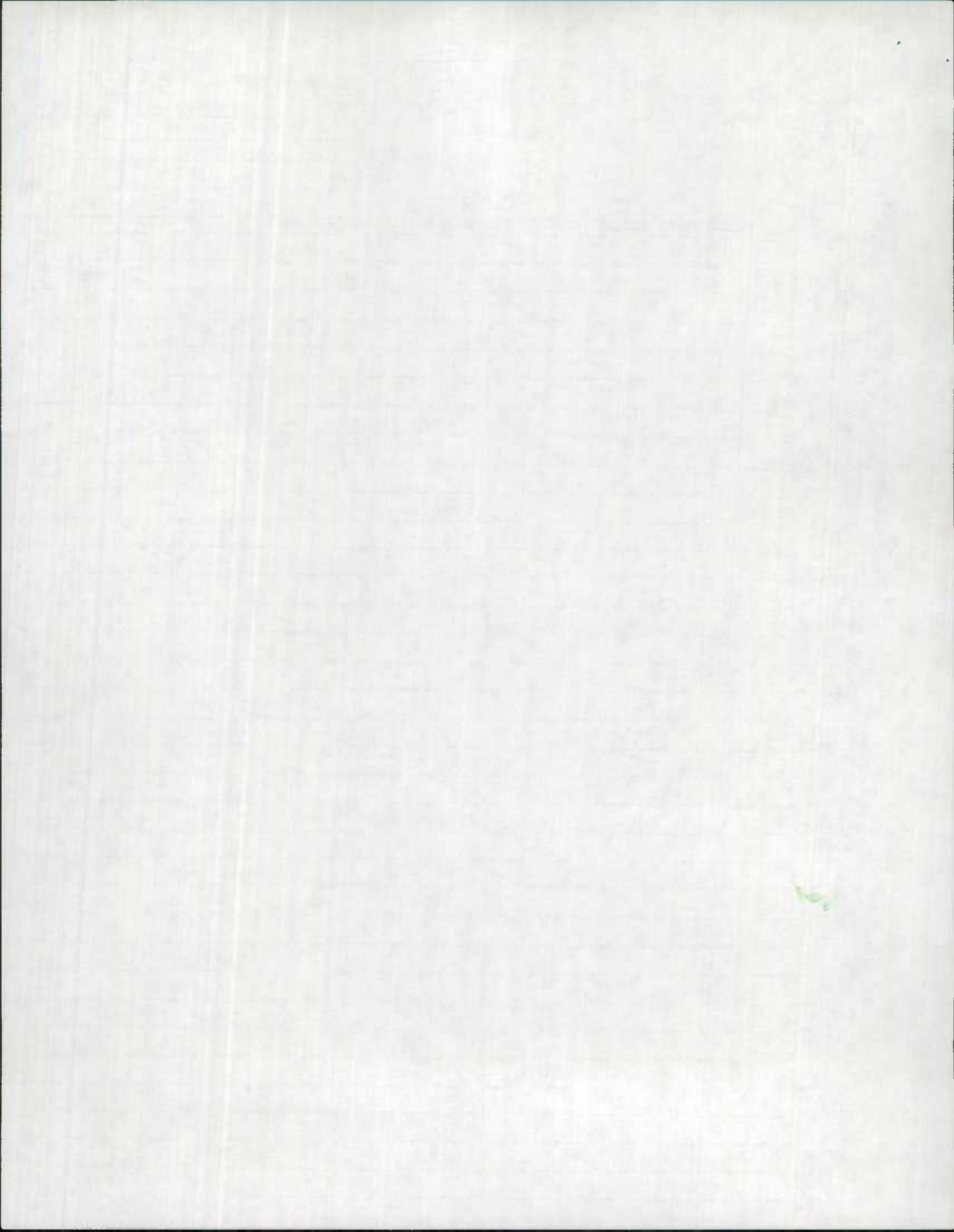
TRANSFERRED TO COUNTY
 SEP. 12-12-68

88-11

			060	SECTION	
			058	SECTION	
			056	12" CMP	
FAS	COLLECTOR	H	052		
		H	050		
HA	S		046		PT
HA	S		044	20" CMP	UP
	H		040		PC
			027	12" CMP	
			020		
			009	H	18'H
			005	SIDE SDR GA.	2-3' HLN 30' CW
			003	24" CP	
↓	KEYERS RIDGE			OKLAND	
	U.S.		000	219	RD. ↓

↑ PTR
 30°
 PC
 H A D O R





ROAD INVENTORY SHEET

Co 342

Party Chief T. LANDON
 Recorder EIKOENIG
 Chainman _____

Road No. 11047
 Name _____
 Sheet No. 205# 2
 Date 5-6-65
 County GARRETT

		153	4.1'	F	
		149			
		122		18" CMP	
		132		18" CMP	
		122		MAINT. GIVE (12)	
		095		12" CMP	PT
		091		18" CMP	MAINT
FAS 139	11-12	090		F	ROUTE 80
		089		18" CMP	STATE MAINT
		088		R. 24" CMP	PC
		081			PT
	H 200'	077			30°
		075			PC
		070		CHURCH ENT.	19'H
		HOYES-SANG RUN RD			2-3' ESALD.
		068		B-EAST GROC.	30' CW
		064		CHURCH ENT.	
FAS 10 PER	MA JOB	063		CHURCH	

FAS 139
11-12

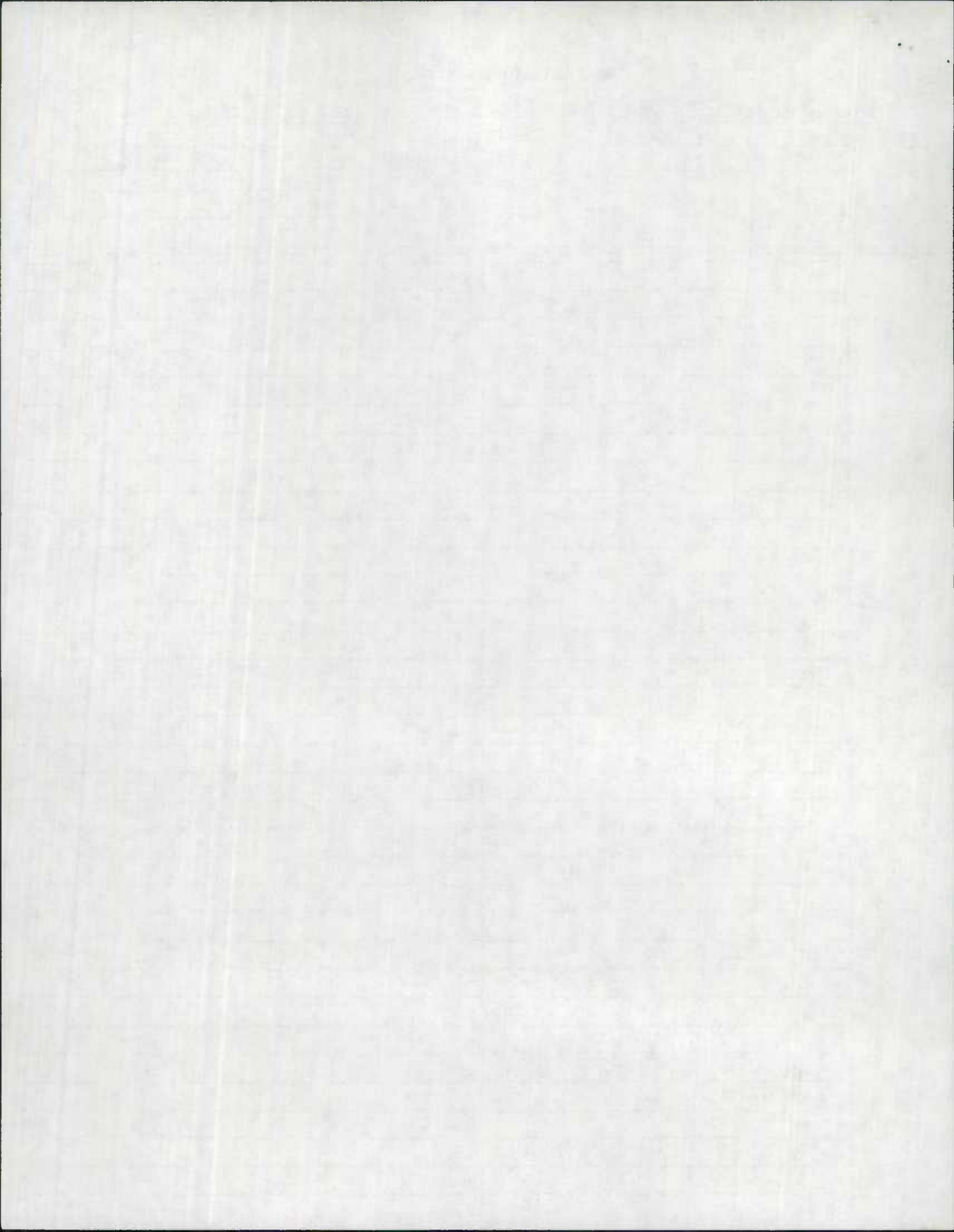
STATE MAINT
ROUTE 80

CLUTE CO. 321

FAS 10 PER
MA JOB
COLLECTOR
H P M S

MAINT HOYES RUN RD
CO. 58361

GROUP SIGN X



MARYLAND STATE HIGHWAY ADMINISTRATION

7

91 COEX #6

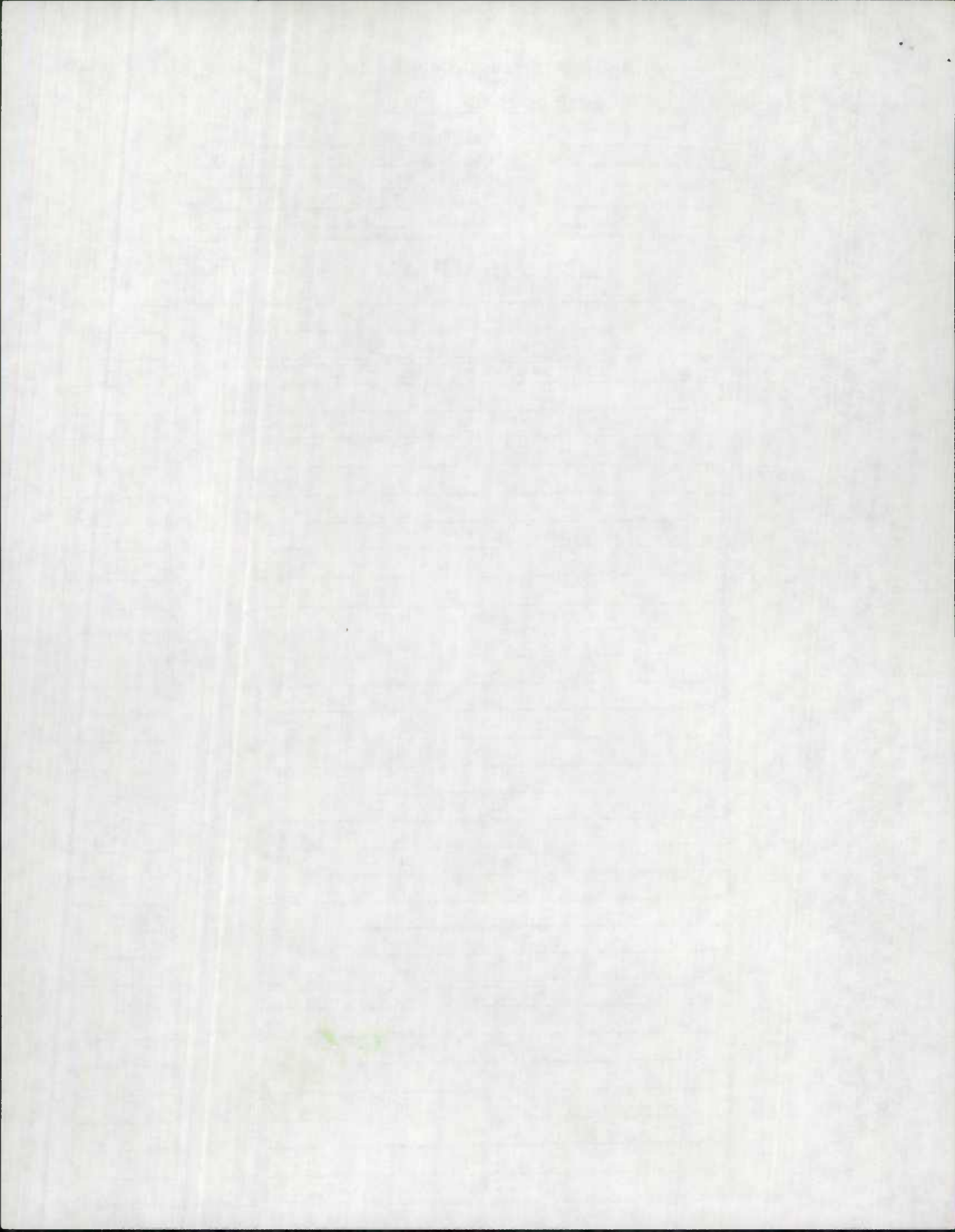
ROAD INVENTORY SHEET

BB
 SP
 Dir. 6-12 / S
 Coordinates 145-587

Road No. Co 378
 Road Name Boiling Spring RD
 County Garrett
 Date 3-24-92
 Sheet No. 1 OF 7

TRAFFIC	LINE DIAGRAM		TRAFFIC		PAVEMENT DATA
	PRGA. REST. COM/NO. ACCESS		CONTROL	COM/NO. ACCESS PRKG. REST.	
					20' I
					2 UML
		cemetary ST Speicher ST MV 0060035 MD 00180 PT ← ← PT 40° PC 0 32 0 29 PT 50° 0 19 PC ↑ 0 18 0 08 County URB. FR MD 000 135 FR 55 RD Sand Flat 131 Co			X
					20' I
					2.2' ESHD
					X 2 UML
					20' I
					6' ESHD LT
					3' E SHD RT
					V 2 UML

K 301310000468





SYSTEM				TRAFFIC		LINE DIAGRAM				TRAFFIC		PAVEMENT DATA				
FED. AID.	FUNCT. CLASS.	HWY. SYS.	HPMS SAMPLE	PRKG. REST.	COM/TRA ACCESS	CONTROL	COM/TRA ACCESS	PRKG. REST.	CONTROL	COM/TRA ACCESS	PRKG. REST.					
NON FA Rural Minor Collector 30131000 468																

(Old Route 20)

051

056

Deer Park V.F.D.

(Tilson-McGraw ST)

052 MV 0190

050 Deer Park P.O.

(Warwick ST)

↑30° 049 MV 0200

(Church ST)

MV 044 0070 PT

50°

(Ashby Alley)

038 MV 8010

038 PC PC

Party Chief
Recorder
Helper

Map No

Map part Co. 1.



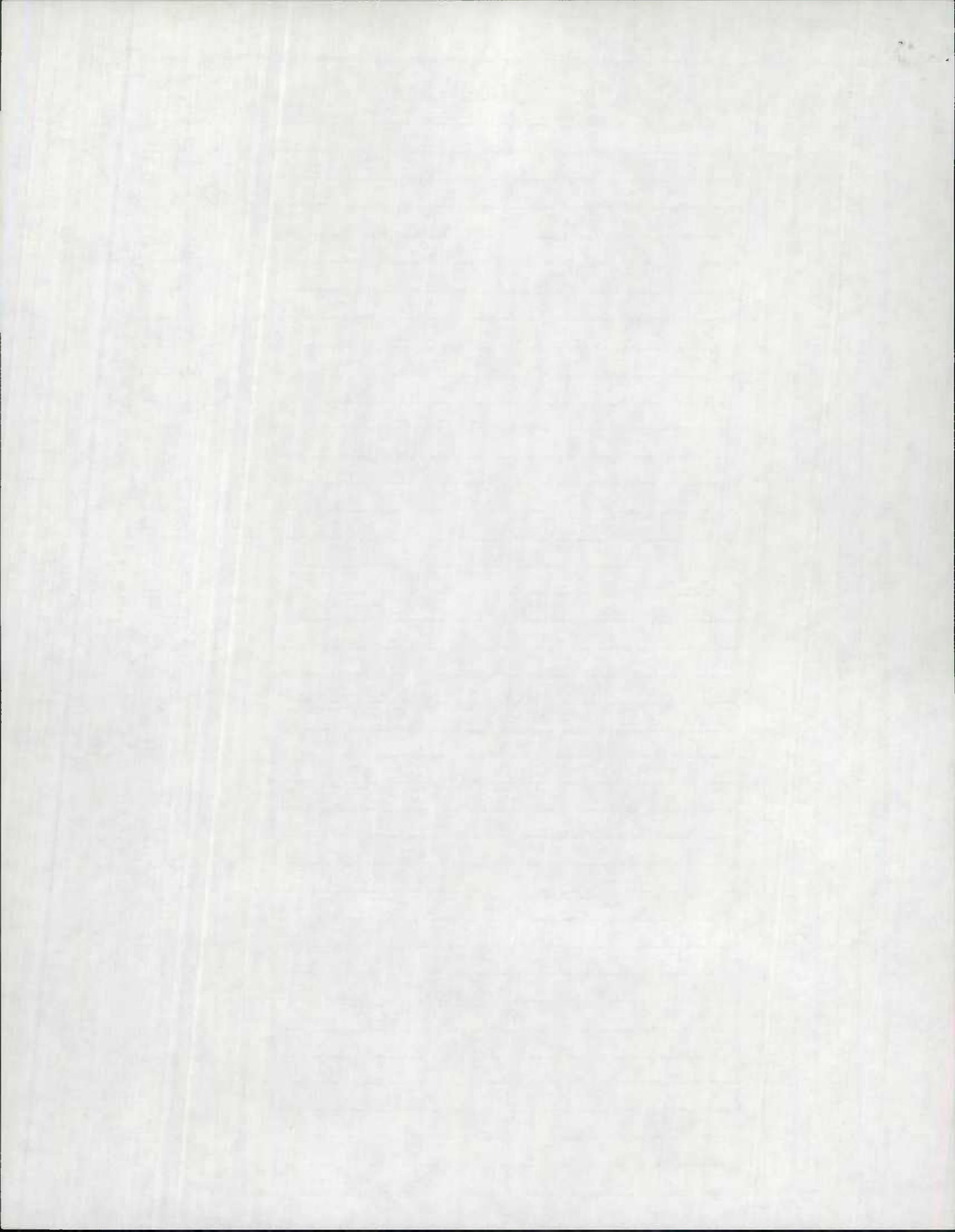
K

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+

26

22



51.3-8
15-72

STATE HIGHWAY ADMINISTRATION OF MARYLAND

904

BB 84-27
RM 4-17-85

ROAD INVENTORY SHEET

Chief E. DAVIS (OFFICE INV.)
Order _____
per _____

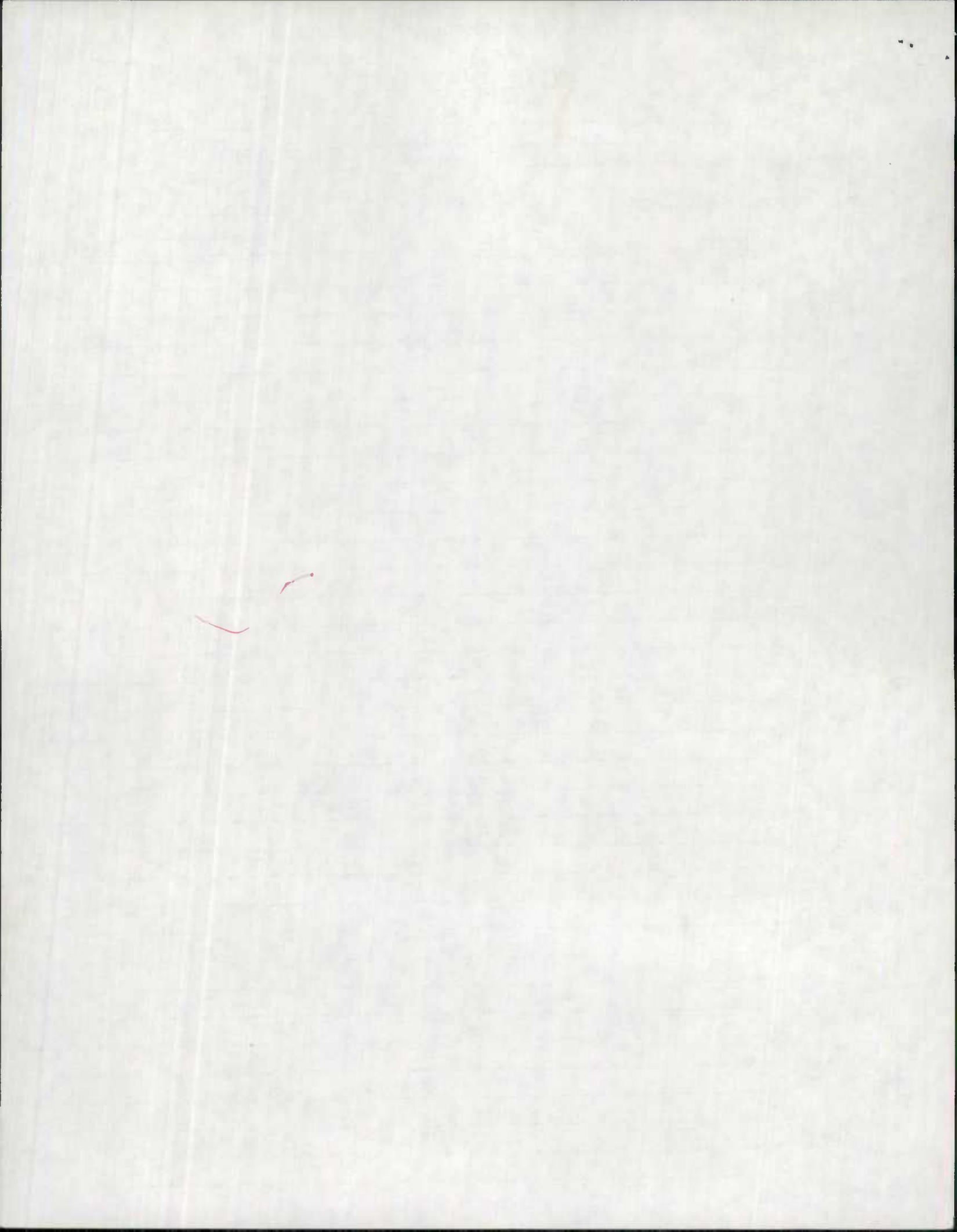
Road No. Co 378
Road Name BOILING SPRING RD
Sheet No. 3 of 57
Date 8-14-68 REV 8-5-74
County GARRETT
State Coordinates 145-587

91 COEX #1
BB/SP
3-24-92
57-9

Map No. G12
and Co 131, 133

				18' H 21' E SHD 22' CW
		0 ⁰³ 249	40°	X
		0 ⁰⁴ 249	PC	
	PT	0 ⁰⁰ 249		
	65°	0 ⁴⁵ 236	24" CP	
	PC	0 ⁹⁰ 231		
		0 ⁸⁷ 228	PT	URBAN
		0 ⁸³ 225	60° PC	
	<u>CALDERWOOD RD</u>			
	MU (MUN.) 0040		0 ⁷³ 213	
	PT	0 ⁷⁰ 210	STEEL RAILS CBC 10'L X 7'D X 23' CW STEEL GRATE	COUNTY
	40°			
	PC	0 ⁵⁵ 207		
	<u>"A" ST.</u>			
	MU (MUN) 0010		0 ⁶⁵ 202	
	<u>SIDING ST</u>			
	00261 (MUN) MU 0170			
	<u>RXR RED FLASHING LIGHTS</u>			
	B+O	0 ⁵⁹ 201	RR	18' H
				16' X 6
			RXR RED FLASHING LIGHTS	21' E SHD
			BELL	22' CW
	<u>OLD RTE 38</u>			
	Co 158		0 ⁵⁹ 201	

ACCESS
PKG.
BEST.



✓

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

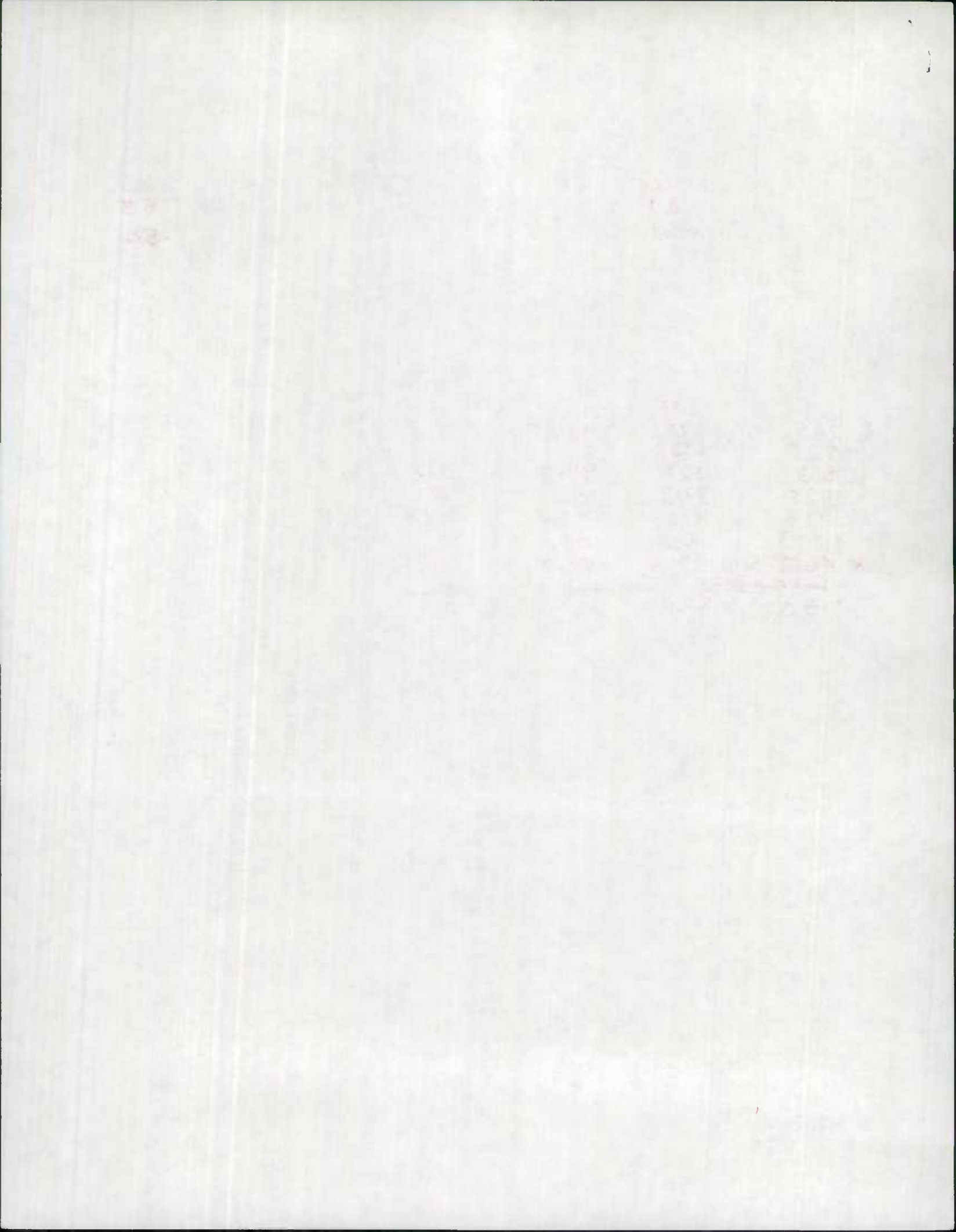
Route No: CO 0061
 Sample No: 21
 County: 11 (Cxt)

Starting Mile Pt: 0.25
 Ending Mile Pt: 1.83
(1.58)

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	245	100	0	
R 245	525	99.65	3.3	
525	833			
L 833	1525	99.7	3.2	
1525	3913	100	0	
R 3913	4243	99.7	3.0	
4243	5690	100	0	
L 4243	5690	99.9	1.2	
5690	7502	100	0	
7502	8341	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	<u>5</u>	<u>0.99</u>
b.	0.5-1.4	---	---
c.	1.5-2.4	---	---
d.	2.5-3.4	---	---
e.	3.5-4.4	---	---
f.	4.5-5.4	---	---
g.	5.5-6.9	<u>1</u>	<u>0.34</u>
h.	7.0-8.4	---	---
i.	8.5-10.9	---	---
j.	11.0-13.9	<u>1</u>	<u>0.06</u>
k.	14.0-19.4	<u>2</u>	<u>0.18</u>
l.	19.5-27.9	---	---
m.	23+	---	---



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	565	-9 %	-----
565	1125	+2.3 %	-----
1125	2001	+7.0 %	-----
2001	3335	-7.4 %	-----
2335	2632	+5.9 %	-----
2622	4243	-3.2 %	-----
4243	4608	+5.0 %	-----
4608	5268	+5.6 %	-----
5268	5690	-2.7	-----
5690	5190 8241	+2.4	-----
8241	8341	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	<u>2</u>	<u>0.109</u>
b.	0.5-2.4	<u>2</u>	<u>0.58</u>
c.	2.5-4.4	<u>1</u>	<u>0.08</u>
d.	4.5-6.4	<u>2</u>	<u>0.18</u>
e.	6.5-8.4	<u>3</u>	<u>0.54</u>
f.	8.5-	<u>1</u>	<u>0.11</u>

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



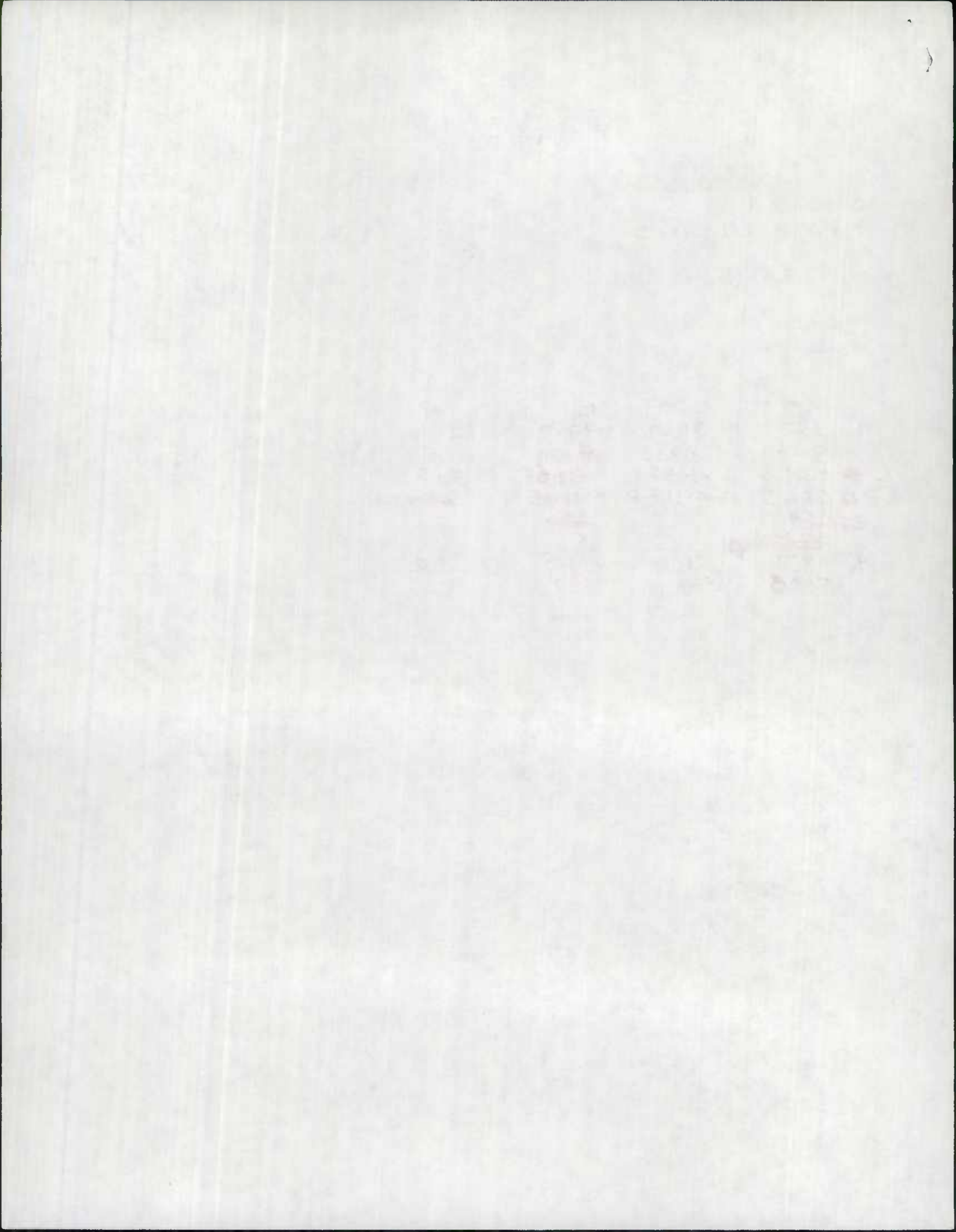
Route No: CO 0092
 Sample No: 2
 County: 11 (Cort)

Starting Mile Pt: 0.76
 Ending Mile Pt: 1.80
(1.04)

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>3307</u>	<u>100</u>	<u>0</u>	
<u>L 3307</u>	<u>3469</u>	<u>99.9</u>	<u>1.1</u>	
<u>3469</u>	<u>4213</u>	<u>100</u>	<u>0</u>	
<u>2 B 4213</u>	<u>4445</u>	<u>99.85</u>	<u>3.3</u>	
<u>4445</u>	<u>4917</u>	<u>100</u>	<u>2.2</u>	
4917		100		
5106		100		
<u>R 4917</u>	<u>5106</u>	<u>99.8</u>	<u>2.2</u>	
<u>5106</u>	<u>5490</u>	<u>100</u>	<u>0</u>	

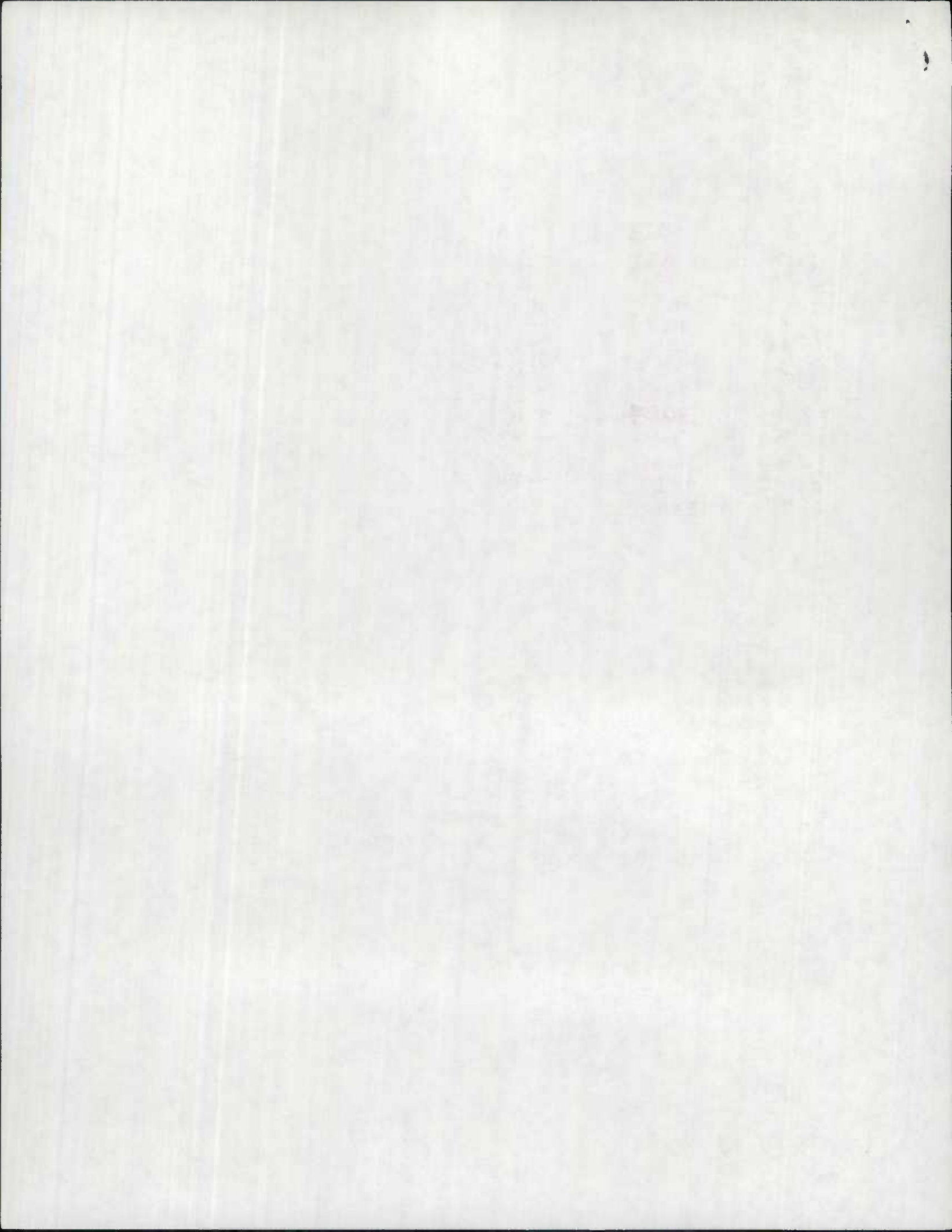
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	<u>4</u>	<u>0.93</u>
b.	0.5-1.4	---	---
c.	1.5-2.4	---	---
d.	2.5-3.4	---	---
e.	3.5-4.4	---	---
f.	4.5-5.4	<u>1</u>	<u>0.03</u>
g.	5.5-6.9	---	---
h.	7.0-8.4	---	---
i.	8.5-10.9	<u>1</u>	<u>0.04</u>
j.	11.0-13.9	---	---
k.	14.0-19.4	<u>1</u>	<u>0.04</u>
l.	19.5-27.9	---	---
m.	23+	---	---



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	123	0%	
123	294	-2.4%	
294	607	+3.6%	
607	738	2%	
738	1277	-7.0%	
1277	1613	0%	
1613	1857	+1.9%	
1857	2308	-3.9%	
2308	3054	+1.3%	
3054	3647	-5.8%	
3647	4048	0%	
4048	4690	-8.4%	
4690	5490	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	<u>5</u>	<u>0.24</u>
b.	0.5-2.4	<u>3</u>	<u>0.22</u>
c.	2.5-4.4	<u>2</u>	<u>0.15</u>
d.	4.5-6.4	<u>1</u>	<u>0.11</u>
e.	6.5-8.4	<u>2</u>	<u>0.22</u>
f.	8.5-	---	---



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

Route No: CO 0159
 Sample No: 3
 County: 11 (Grt)

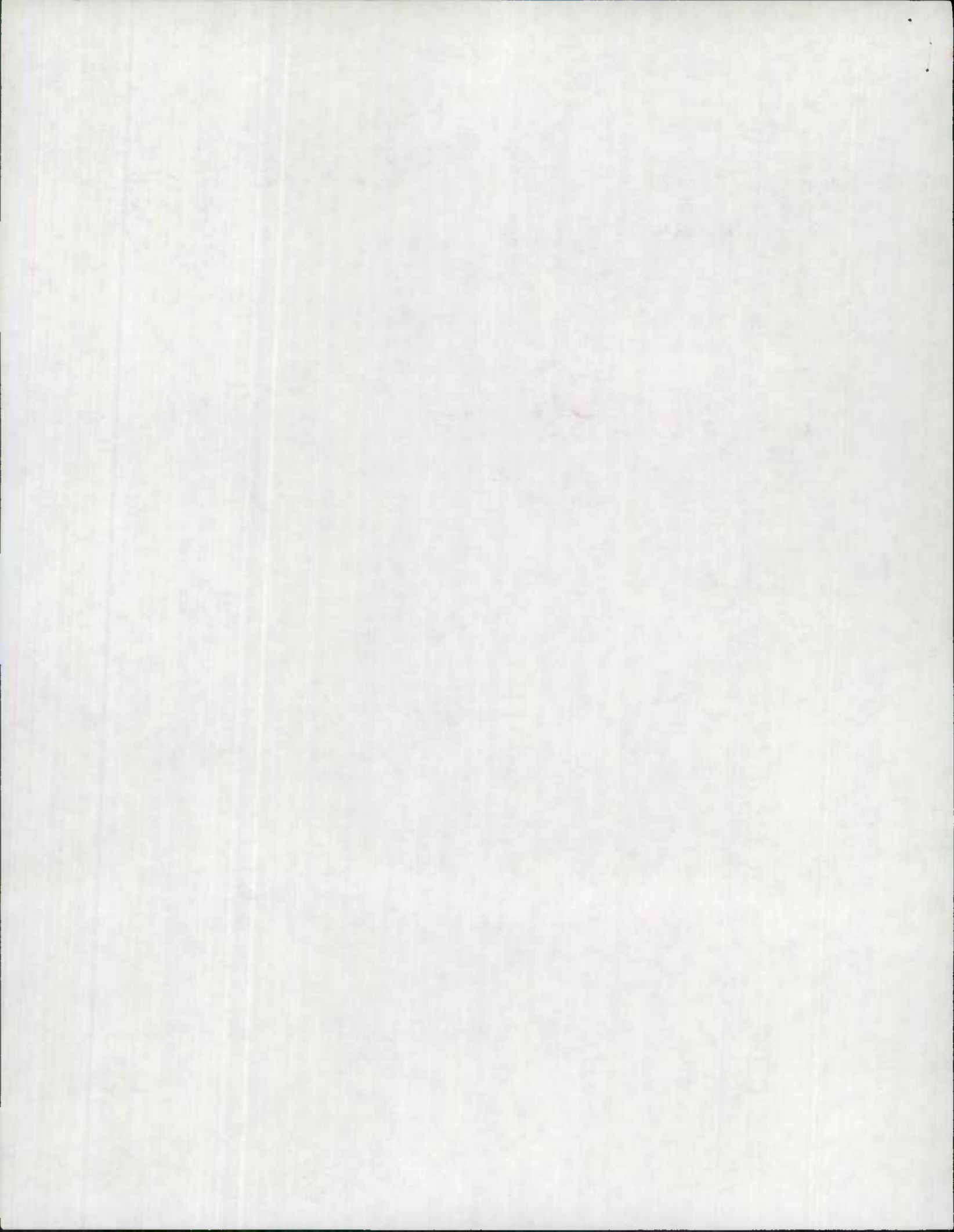
Starting Mile Pt: 0.77
 Ending Mile Pt: 1.18

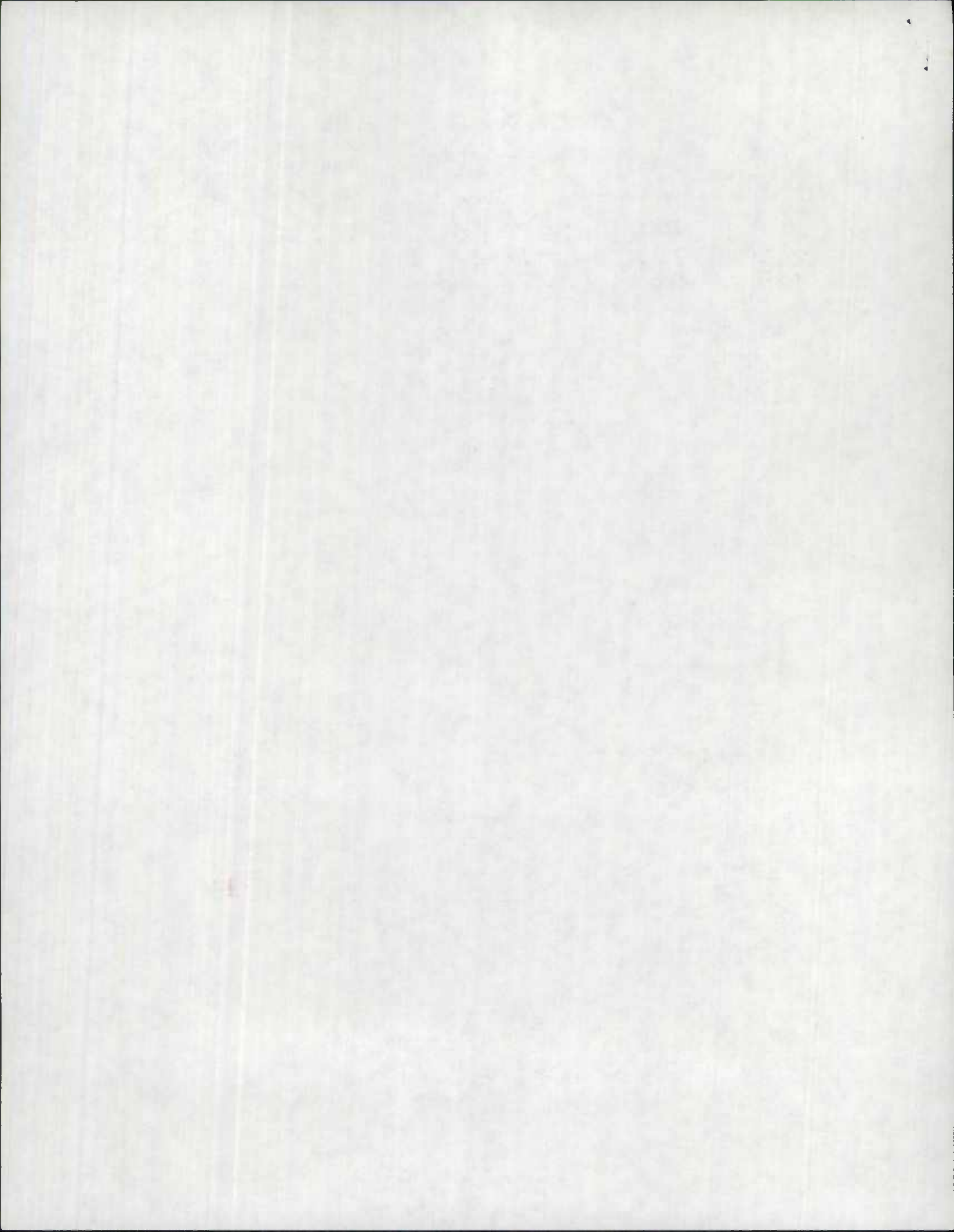
(0.41)

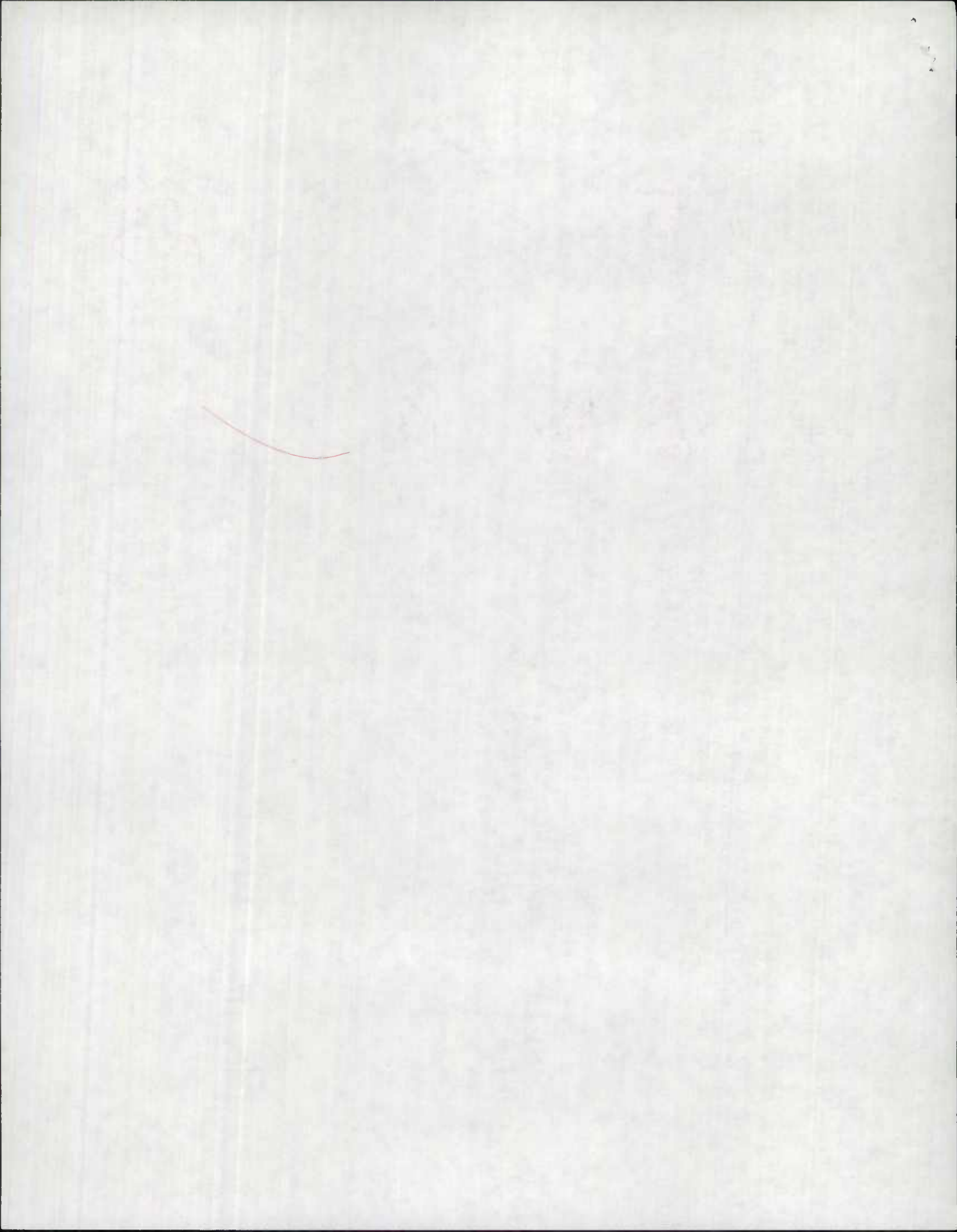
Horizontal Curve Section

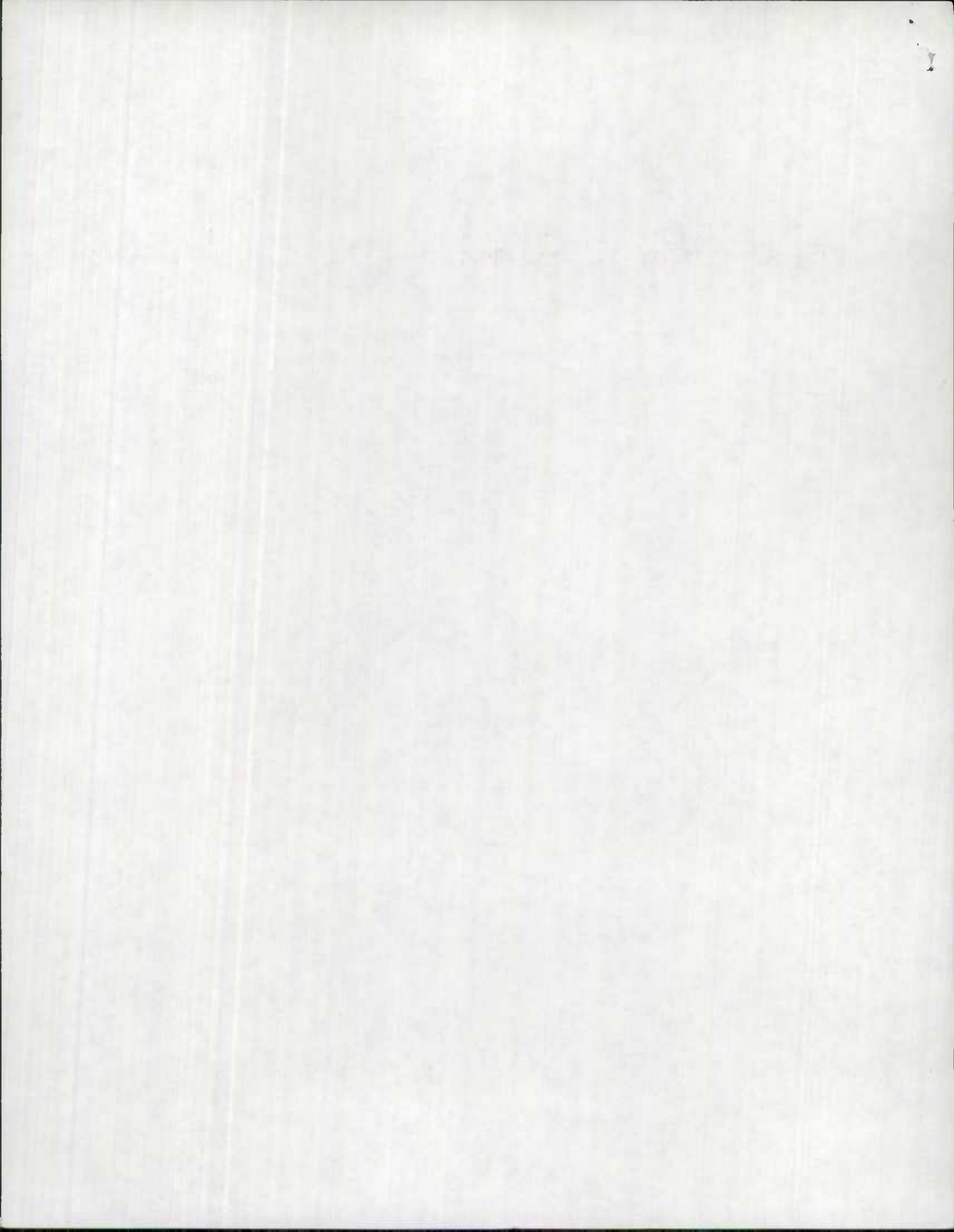
Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ord1. Length (/100ft)	Length of Total Curve in(x.xxmile)
L 0 346	246 2167	99.9 100	1.2 0	-----
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Curve Classes by Degree of Curvature	Number of Curves (Right- Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a. 0.0-0.4	<u>1</u>	<u>0.36</u>
b. 0.5-1.4	-----	-----
c. 1.5-2.4	-----	-----
d. 2.5-3.4	-----	-----
e. 3.5-4.4	-----	-----
f. 4.5-5.4	-----	-----
g. 5.5-6.9	<u>1</u>	<u>0.05</u>
h. 7.0-8.4	-----	-----
i. 8.5-10.9	-----	-----
j. 11.0-13.9	-----	-----
k. 14.0-19.4	-----	-----
l. 19.5-27.9	-----	-----
m. 23+	-----	-----









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

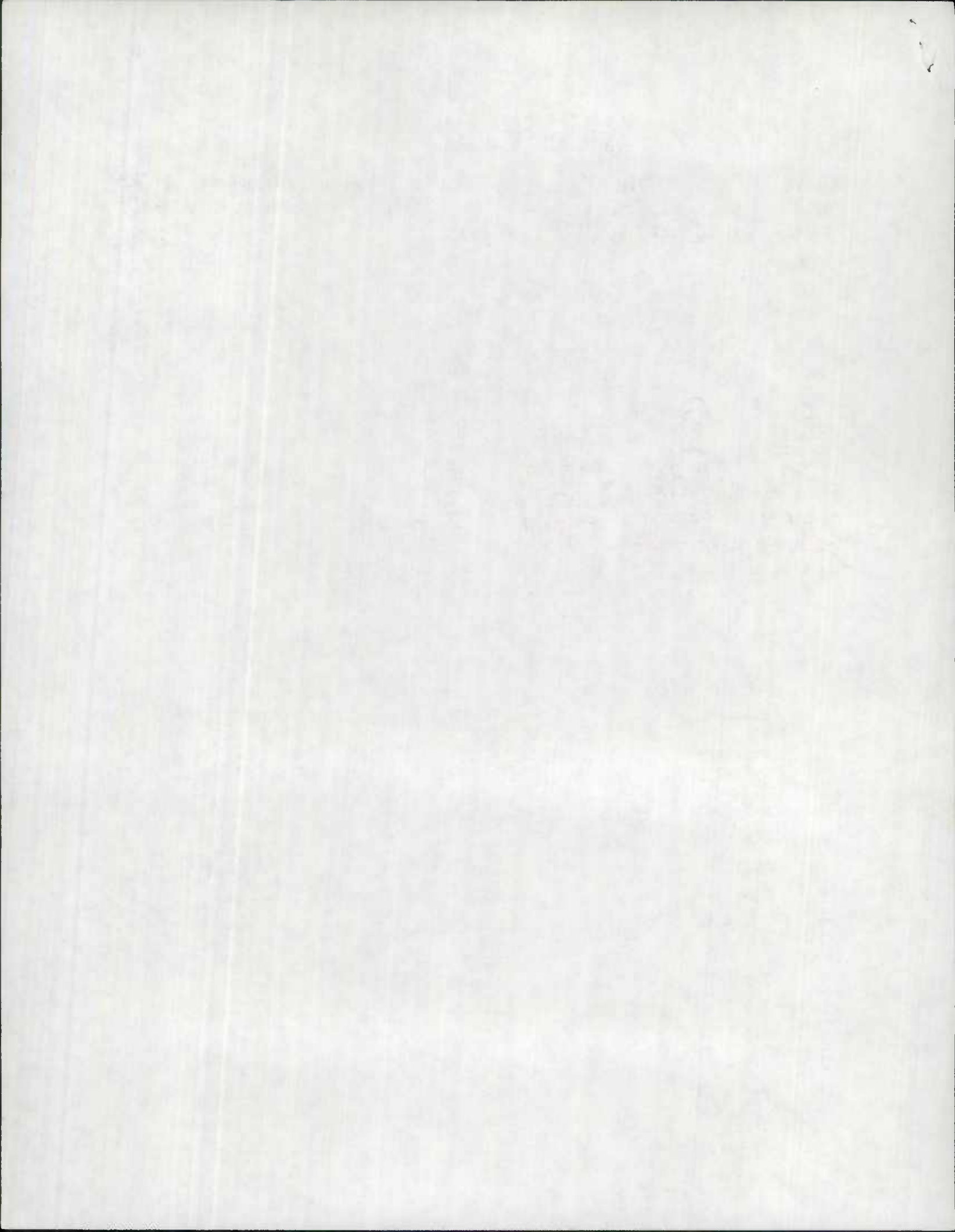
Route No: CO 0211 ✓
 Sample No: 5 ✓
 County: 11 (art)

Starting Mile Pt: 6.73
 Ending Mile Pt: 7.55
 (0.82)

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	529			
529	697	99.9	1.2	
697	1591			
1591	1824	99.9	1.1	
1824	3419	100	0	
L 3419	4280	99.9	1.2	
3419	4280 → 4330	100		

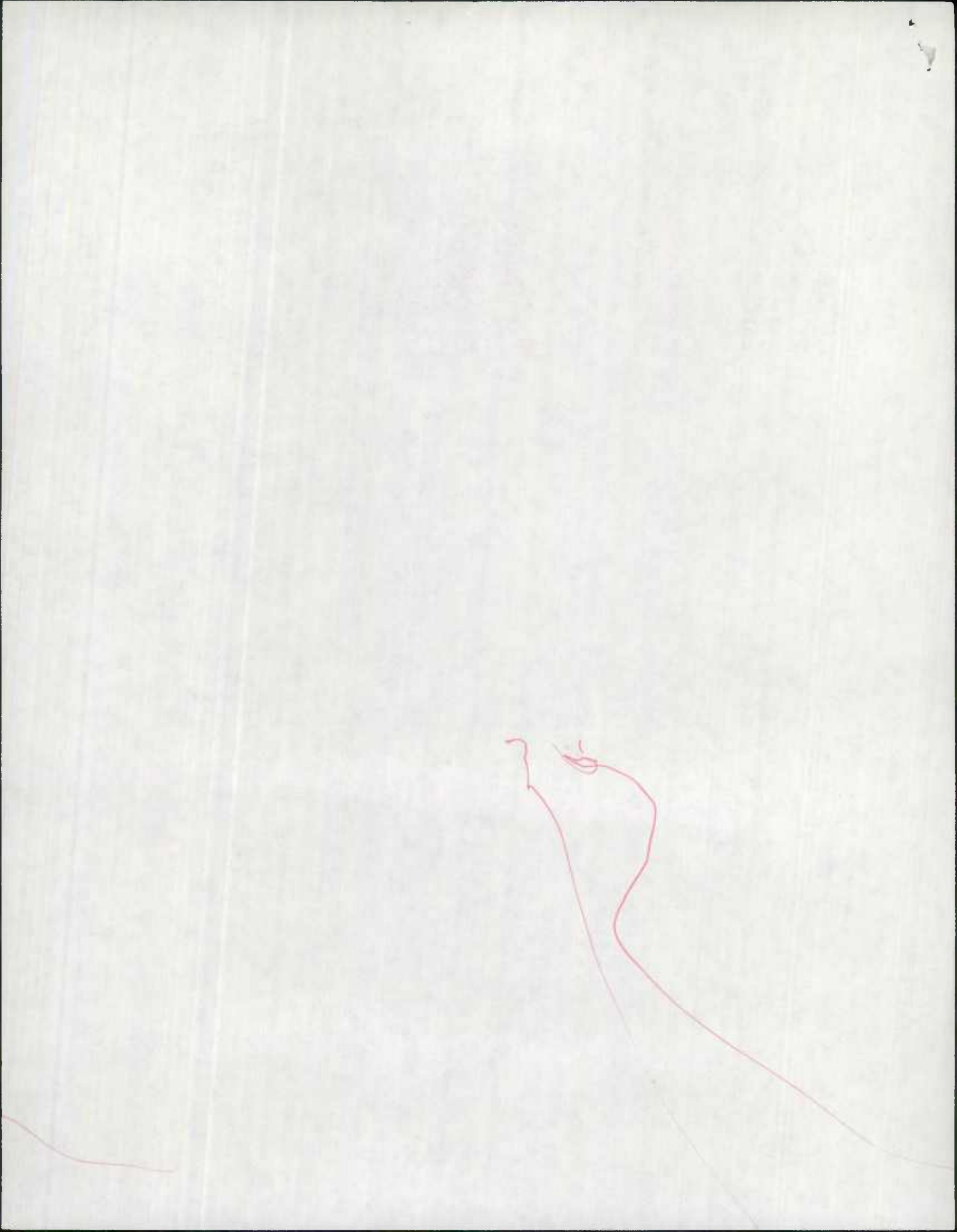
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	<u>4</u>	<u>0.58</u>
b.	0.5-1.4	---	---
c.	1.5-2.4	---	---
d.	2.5-3.4	---	---
e.	3.5-4.4	---	---
f.	4.5-5.4	<u>1</u>	<u>0.04</u>
g.	5.5-6.9	<u>2</u>	<u>0.18</u>
h.	7.0-8.4	---	---
i.	8.5-10.9	---	---
j.	11.0-13.9	---	---
k.	14.0-19.4	---	---
l.	19.5-27.9	---	---
m.	23+	---	---



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	202	-2.5%	-----
202	697	0%	-----
697	2492	2.7%	-----
2492	3280	6.2%	-----
3280	3419	0%	-----
3419	4320	8.4%	-----
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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	<u>2</u>	<u>0.12</u>
b.	0.5-2.4	-----	-----
c.	2.5-4.4	-----	-----
d.	4.5-6.4	<u>2</u>	<u>0.48</u>
e.	6.5-8.4	<u>1</u>	<u>0.16</u>
f.	8.5-	<u>1</u>	<u>0.04</u>



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

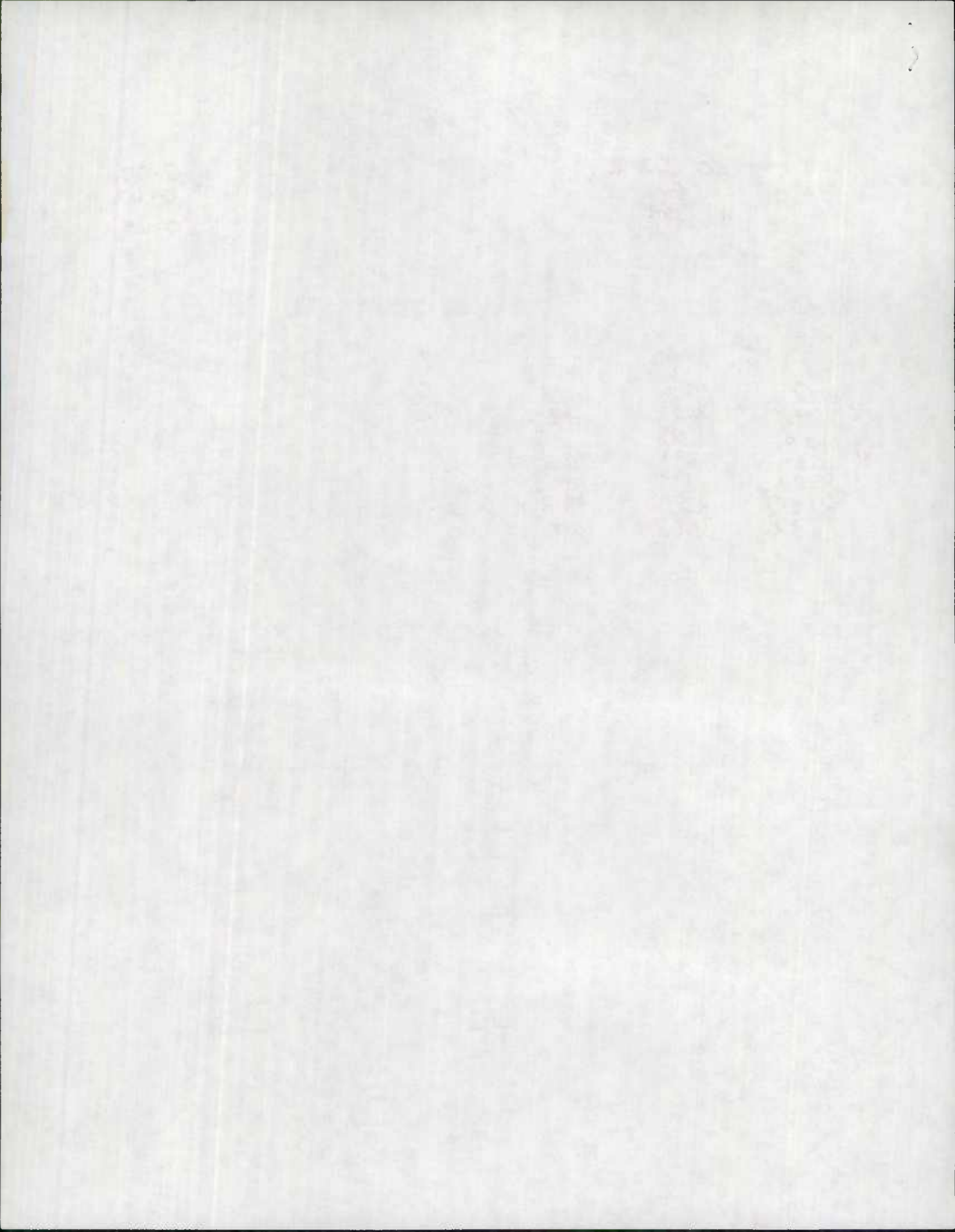
Route No: CO 0342
 Sample No: 6
 County: IL (Art)

Starting Mile Pt: 0.00
 Ending Mile Pt: 0.68
(0.68)

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>
R	<u>0</u>	<u>192</u>	<u>100</u>	<u>0</u>	-----
	<u>192</u>	<u>428</u>	<u>99.9</u>	<u>1.2</u>	-----
	<u>428</u>	<u>1088</u>	-----	-----	-----
R	<u>1088</u>	<u>1392</u>	<u>99.9</u>	<u>1.1</u>	-----
	<u>1392</u>	<u>2110</u>	<u>100</u>	<u>6</u>	-----
	<u>2110</u>	<u>2372</u>	<u>99.7</u>	<u>3.1</u>	-----
	<u>2372</u>	<u>3589</u>	<u>100</u>	<u>0</u>	-----
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	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	<u>4</u>	<u>0.53</u>
b.	0.5-1.4	-----	-----
c.	1.5-2.4	-----	-----
d.	2.5-3.4	-----	-----
e.	3.5-4.4	-----	-----
f.	4.5-5.4	<u>.1</u>	<u>0.06</u>
g.	5.5-6.9	<u>1</u>	<u>0.04</u>
h.	7.0-8.4	-----	-----
i.	8.5-10.9	-----	-----
j.	11.0-13.9	-----	-----
k.	14.0-19.4	<u>1</u>	<u>0.05</u>
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	577	+6.3%	
577	1088	8.8%	
1088	1392	0%	
1392	2110	+7.8%	
2110	2372	-3.8%	
2372	3589	+5.8%	

	<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	<u>1</u>	<u>0.05</u>
b.	0.5-2.4	<u> </u>	<u> </u>
c.	2.5-4.4	<u>1</u>	<u>0.05</u>
d.	4.5-6.4	<u>2</u>	<u>0.34</u>
e.	6.5-8.4	<u>1</u>	<u>0.14</u>
f.	8.5-	<u>1</u>	<u>0.10</u>

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



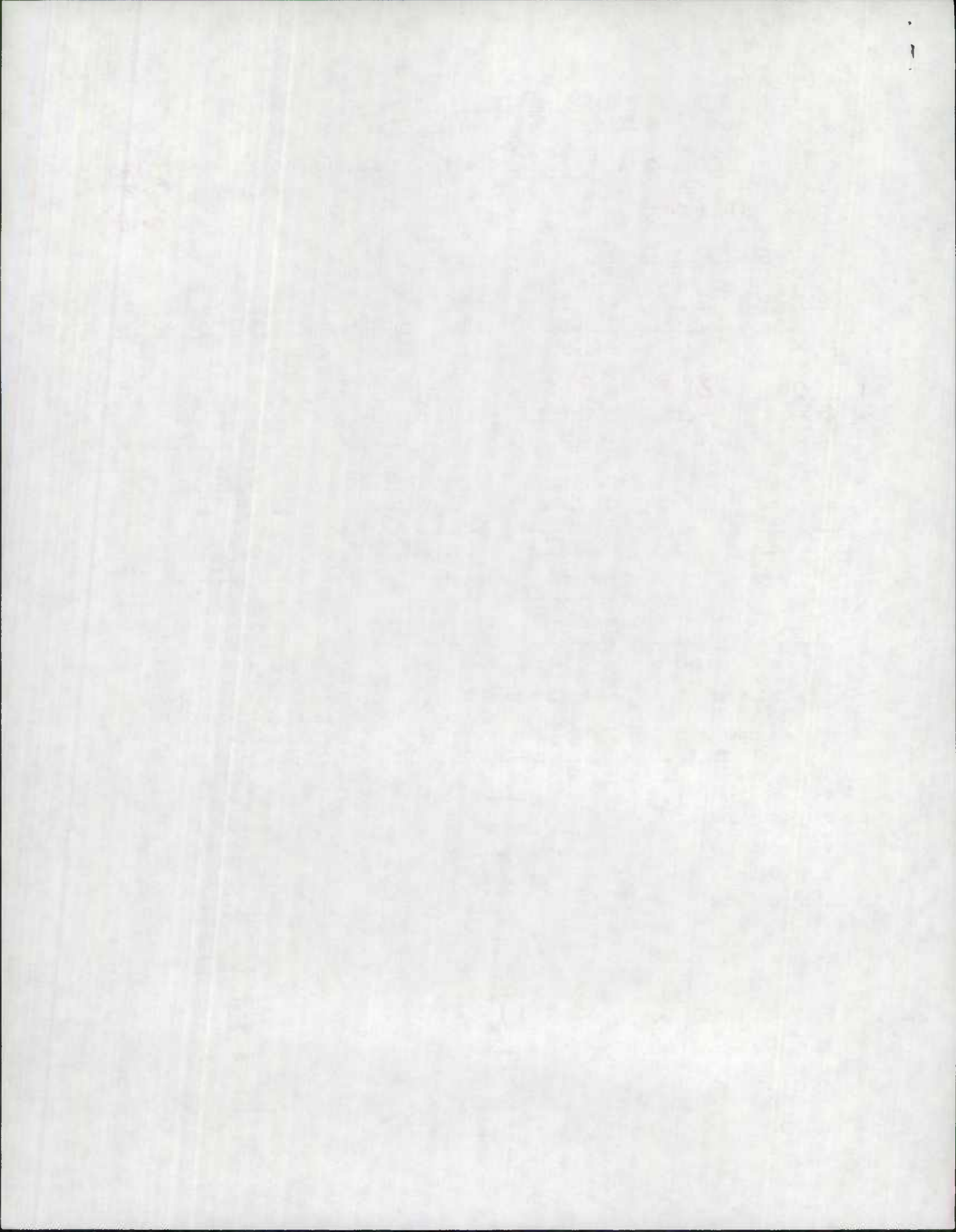
Route No: CO 0378
 Sample No: 7
 County: 11 (art)

Starting Mile Pt: 0.18
 Ending Mile Pt: 0.35
(0.17)

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>Ord1. Length</u> (/100ft)	<u>Length of Total</u> <u>Curve in(x.xxmile)</u>
L	<u>0</u>	<u>682</u>	<u>99.8</u>	<u>2.1</u>	
R	<u>682</u>	<u>298</u>	<u>99.9</u>	<u>1.2</u>	

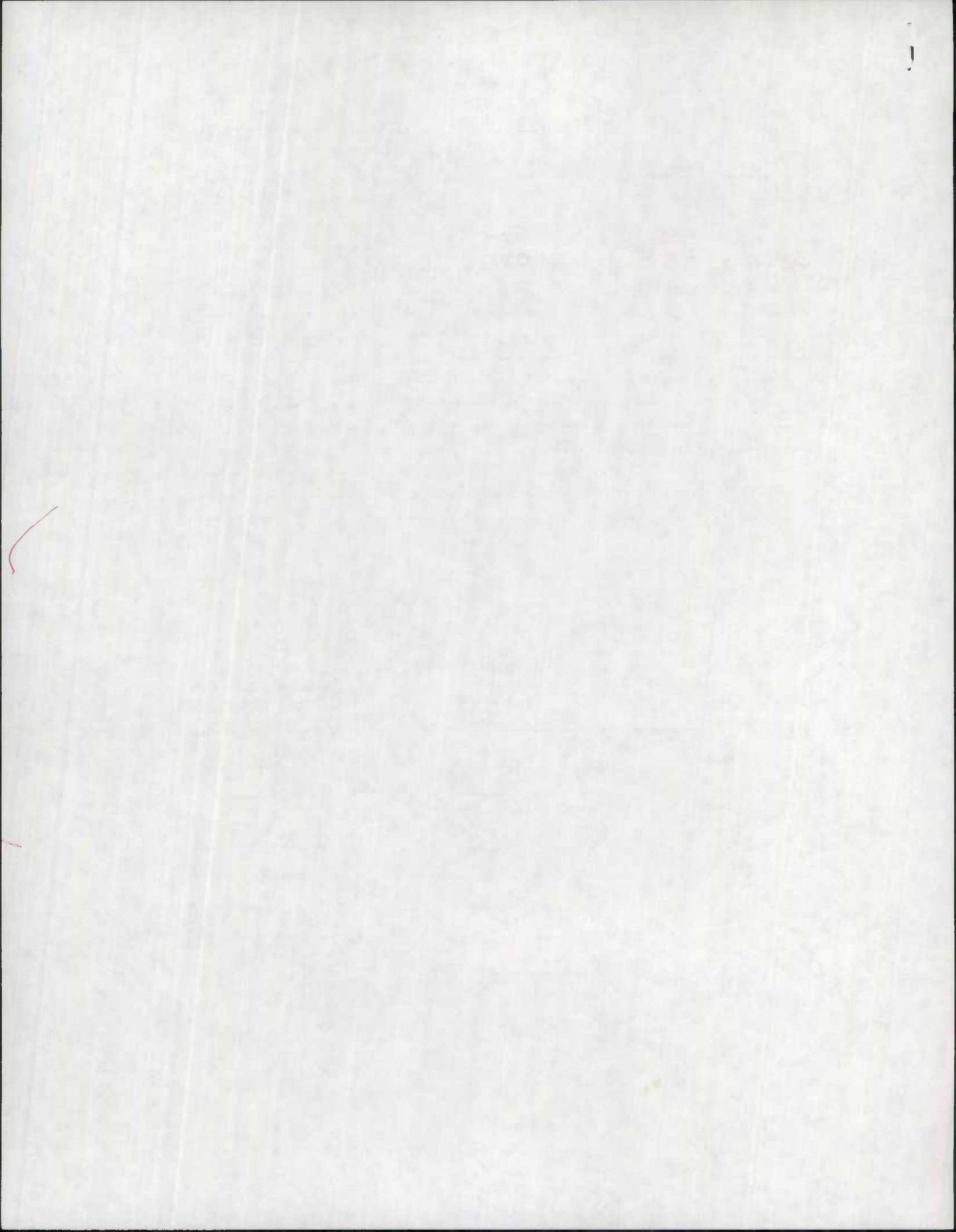
	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	_____	_____
b.	0.5-1.4	_____	_____
c.	1.5-2.4	_____	_____
d.	2.5-3.4	_____	_____
e.	3.5-4.4	_____	_____
f.	4.5-5.4	_____	_____
g.	5.5-6.9	<u>1</u>	<u>0.04</u>
h.	7.0-8.4	_____	_____
i.	8.5-10.9	<u>1</u>	<u>0.13</u>
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)
<u>0</u>	<u>580</u>	<u>+ 5.2%</u>	-----
<u>580</u>	<u>898</u>	<u>0%</u>	-----
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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	<u>1</u>	<u>0.06</u>
b.	0.5-2.4	-----	-----
c.	2.5-4.4	-----	-----
d.	4.5-6.4	<u>1</u>	<u>0.11</u>
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----



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

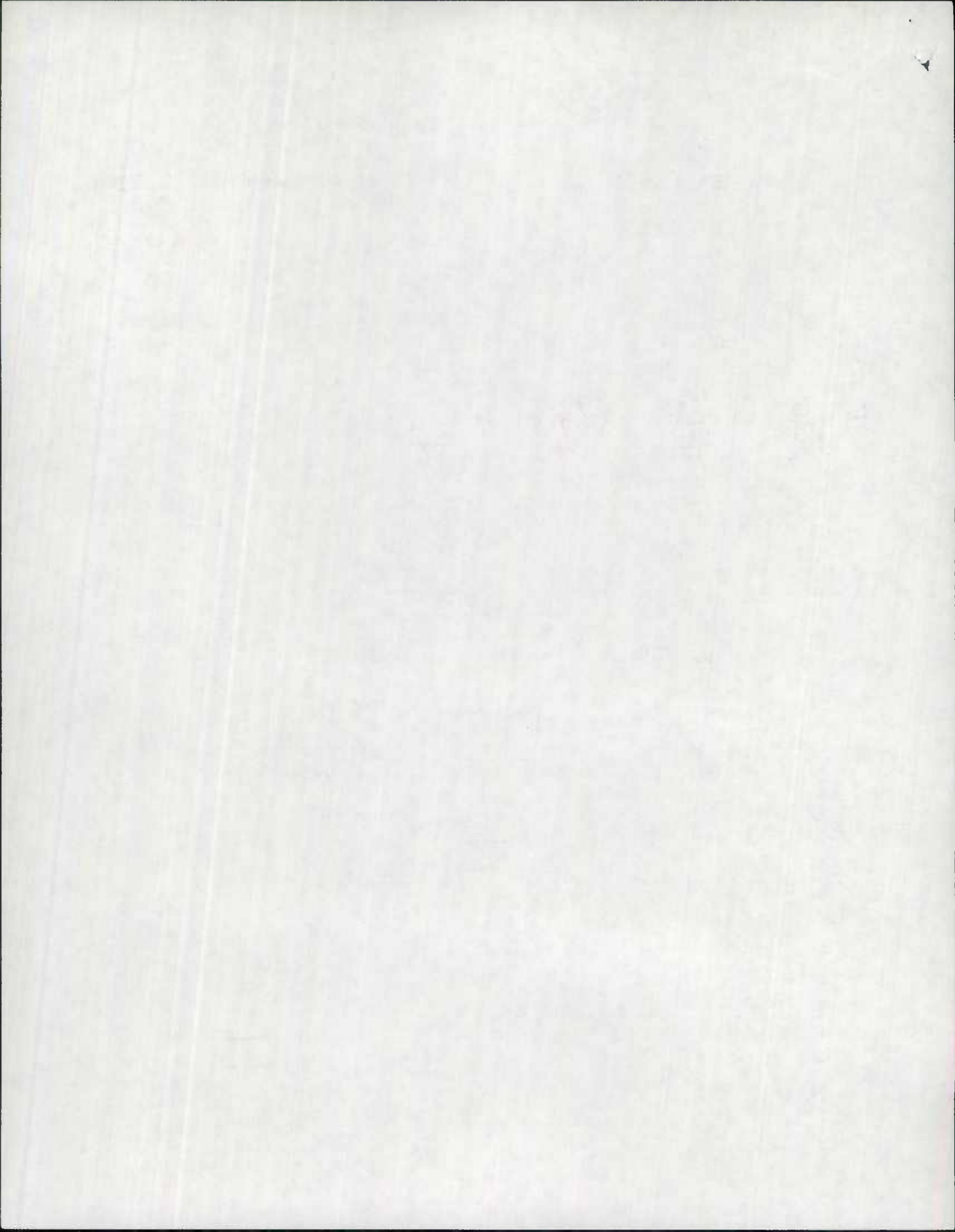
Route No: CO 0378
 Sample No: 2
 County: 11 (Art)

Starting Mile Pt: 0.35
 Ending Mile Pt: 0.59
(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>
642	738	99.9	1.2	
<u>738</u>	<u>1268</u>	<u>99.8</u>	<u>2.1</u>	
		<u>100</u>	<u>0</u>	

	<u>Curve</u> <u>Classes</u> <u>by</u> <u>Degree of</u> <u>Curvature</u>	<u>Number of</u> <u>Curves</u> <u>(Right-</u> <u>Justified)</u>	<u>Length</u> <u>of Curves</u> <u>in Class</u> <u>(Implied Decimal)</u> <u>(xx.xxx miles)</u>
a.	0.0-0.4	<u>2</u>	<u>0.15</u>
b.	0.5-1.4	---	---
c.	1.5-2.4	---	---
d.	2.5-3.4	---	---
e.	3.5-4.4	---	---
f.	4.5-5.4	---	---
g.	5.5-6.9	<u>1</u>	<u>0.07</u>
h.	7.0-8.4	---	---
i.	8.5-10.9	<u>1</u>	<u>0.02</u>
j.	11.0-13.9	---	---
k.	14.0-19.4	---	---
l.	19.5-27.9	---	---
m.	23+	---	---



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)
<u>0</u>	<u>384</u>	<u>+6.0%</u>	-----
<u>33.4</u>	<u>1268</u>	<u>-5.2%</u>	-----
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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	<u>2</u>	<u>0.24</u>
e.	6.5-8.4	-----	-----
f.	8.5-	-----	-----

