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

Carroll

	CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD
1	06	CO 0055 Stone RD	01.01	00.59	01.60	A-11	793-658 798-657
2	06	CO 0055	03.85	00.76	04.61		781-662
3	06	CO 0065 MAYBERRY RD	01.35	00.19	01.54	A10/A-11	772-659
4	06	CO 0112 BUCKEYE CH. RD	01.29	01.00	02.29	A-11	810-669
5	06	CO 0192 ALESIA/LINEBACK RD	01.20	00.42	01.62	A-11	844-679
6	06	CO 0218 Union Bridge Rd.	00.00	00.97	00.97	B-10	747-641
7	06	CO 0247 Uniontown RD* See MU Sect.	03.86	00.70	04.56	B-11	780-639
8	06	CO 0257 Meadow Branch RD	00.12	01.14	01.26	B-11	799-648
9	06	CO 0257	01.26	00.84	02.10		797-643
10	06	CO 0257	02.10	00.20	02.30		794-641
11	06	CO 0285 Nicodemus RD.	02.46	00.42	02.88	B-11	789-614
12	06	CO 0289 Stone Chapel RD	01.22	00.67	01.89	B-11	788-619
13	06	CO 0289	02.01	00.07	02.08		789-622
14	06	CO 0289	02.08	00.30	02.38		789-624
15	06	CO 0289	02.38	00.03	02.41		789-624
16	06	CO 0289	02.41	00.69	03.10		790-625
17	06	CO 0367 Carroll St	00.32	00.16	00.48	B-11	801-637
18	06	CO 0368 Englar RD* See MU	00.00	00.08	00.08	B-11	802-636
19	06	CO 0368	00.09	00.11	00.20		802-637
20	06	CO 0523 Bollinger RD.	00.40	00.90	01.30	B-11	819-618
21	06	CO 0538 Deer Park RD	04.89	00.62	05.51	B-11/C-11	825-598

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

	CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD
22	06	CO 0574	01.83	01.22	03.05	C-10	778-572
		Billiz Falls RD					
23	06	CO 0713	00.00	00.57	00.57	C-11	829-576
		Mineral Hill RD.					

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

	CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD
24	06	MU 0070 155 Center St	00.27	00.20	00.47	B-11	803-635
25	06	MU 0070 155	00.47	00.03	00.50		803-635
26	06	MU 0250 155 John ST	00.25	00.19	00.44	B-11	802-638
27	06	MU 0470 155 Power RD	00.21	00.18	00.39		791-639
28	06	MU 0470 155	00.39	00.08	00.47	B-11	791-639
29	06	MU 0540 155 Uniontown RD	01.29	00.22	01.51		

ROAD INVENTORY SHEET

85-87
2-19-86 JE
MB

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No. 3 & 2

REV. 2-2-79 FR

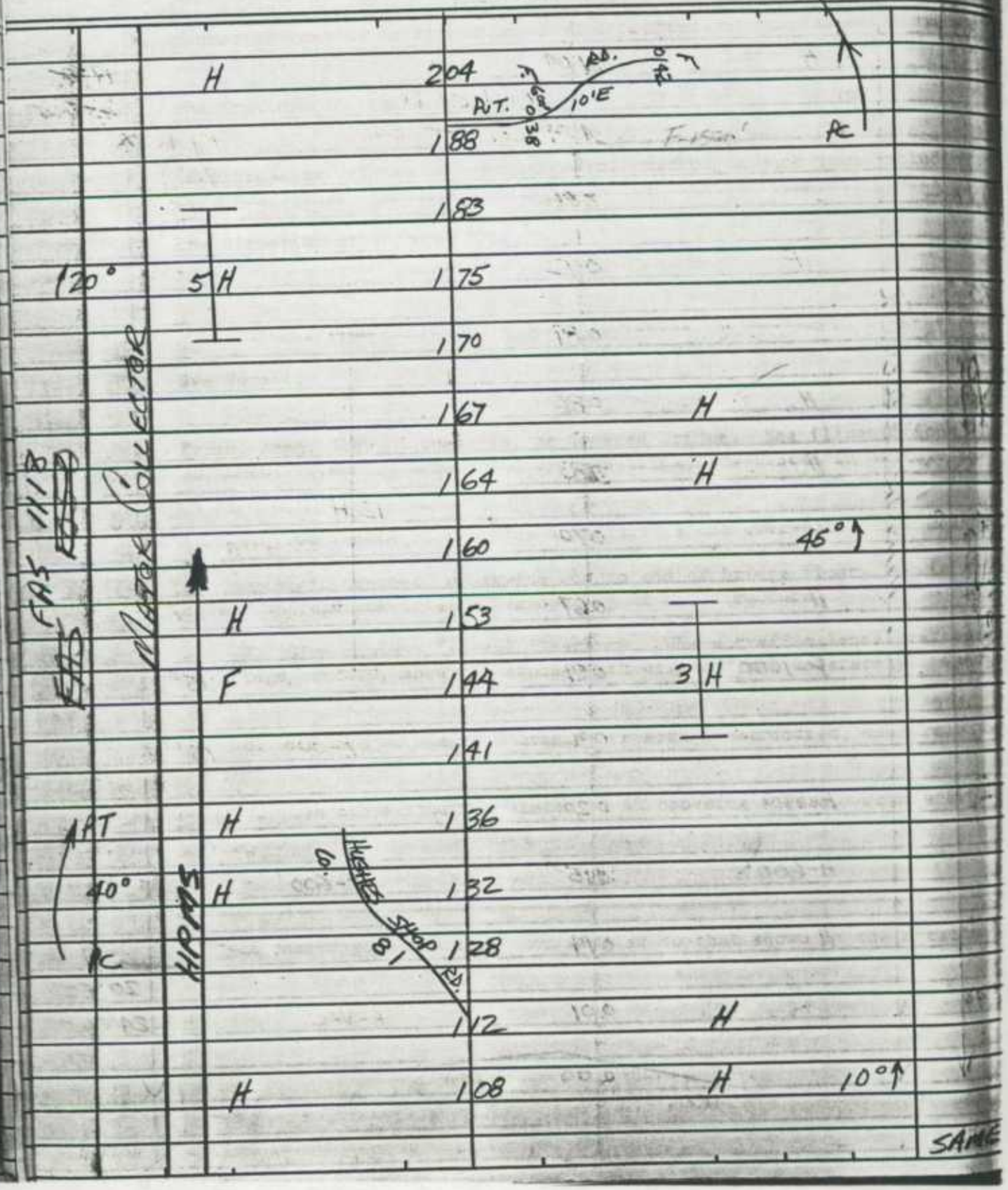
Road No.: Co. 55
Road Name: STONE RD
Sheet No.: 1 of 7
Date: 10-25-72
County: Carroll - District - 3
State Coordinates: 798-657

	HRMS	H	104	14'G
			MURKLE RD.	23'CW
			101 Co. 86	PT 70° PRC
PRC			096	
		F	092	
75°			089	
	Master Collector	H	086	
		H	083	
		H	070	12 H
		H	067	
		F-1000'	059	15°
			036	F-800' 15°
		F-900'	020	
		H-600'	015	F-600'
		H	014	
40°			001	20'CI
				B-VAC. 24'CW
			MD 000 97	29-83

Form 6 HPS (Rev. 1961)

ROAD INVENTORY SHEET

Road No. Co. 55
Road Name STONE RD.
Sheet No. 2 OF 7
Date 10-25-72
County Carroll - District
State Coordinates



Form 6 HPS (Rev. 1961)

(2)

ROAD INVENTORY SHEET

Road No. Co. 55
Road Name STONE RD.
Sheet No. 4 of 7
Date 10-25-72
County Carroll - District
State Coordinates

		432		25° ↑
		427	F	
		425		24" CMP
PT 45°	HPMS	419		
PC		412		
		392		30° ↑
		386	F	
		385	ARTERS Co. Mill 67 RD.	
PT		379		
	H	375		
25°	H	373		
PRC		370	H	PRC
		362	H	45°
		355		PC
			STUDY RD.	
		347	Co. 84	
		344	F	
		335		10° ↑
40°		318		

FAS 1118 FAS 1118 MAJOR COLLECTOR

SAME

SHA 51.3-8
11-15-72

STATE HIGHWAY ADMINISTRATION OF MARYLAND

ROAD INVENTORY SHEET

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No.:

Road No.: CO. 55
Road Name: STONE RD
Sheet No.: 5 OF 7
Date: 10-25-72
County: CARROLL-DISTRICT
State Coordinates:

REWRITTEN 8-20-84 PSP

			5 70		
	BIG PIPE		5 69	CREEK #CL 218	
			5 68	SEE BR. SH. 1-A	20' I 2-4' E SHLDS 30' CW
			5 66	30° ↑	
			5 55		×
			5 39	H-400'	(91-75) 18' H
FAS 111	MAJOR COLLECTOR	F	5 04		(85-87) ~~14' E~~
		↑20°	4 97		~~16' E~~ ~~14' CW~~
				FLICKINGER RD. CO. 68	
			4 92	15° ↑	×
			4 86	H 30° ↑	
		H	4 83	H	
		H-600'	4 79	H	
		F-700'	4 66	F-900'	
		↑H	4 61		
			4 52	H	
PT 25° PC	HPMS		4 48		
			ROBERT ARTHUR RD. CO. 69 4 43	H	
					SAME

Form 6 HPS (Rev. 1961)

(3)

91-47,48,49,66
DT/JS
1-9-92

ROAD INVENTORY SHEET

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No. _____

Road No.: Co. 65
Road Name: MAYBERRY RD.
Sheet No.: 3 of 4 16
Date: 10-24-72
County: Carroll - District
State Coordinates: _____

		253	CBC L-5'xW-15'xD-2'	
	H	234		
140°		231		
		225	40°↑	
		185	24"CMP	
16'G		179	TH-800 F-400'	
20'G		177		
20		166	20°↑	
	H	164		16'G ~~15'G~~
20			ROBERT ARTHUR RD.	19'CWF
2-3		161 Co.	69 90°↑	79-95
2-4		157	H 75°↑	
				16'G
180° 20	H	154		
2-4		150	H	
				20'I
	F-800'	143		
20		135		
4'I		134		20'I
4'E	4 H			
20		132		JC-C
SAME			11 H	SAME

Minor Collector

Form 6 HPS (Rev. 1961)

4

ROAD INVENTORY SHEET

Road No. Co. 112
Road Name BIXLER CHURCH RD.
Sheet No. 2 of 3
Date 11-21-72
County Carroll - District
State Coordinates

			208	40° ↑
			195	F- 800'
			189	10° ↑
↑ 15°			181	
↑ PT 70° PC			166	
			160	
		F-900'	153	
		F	139	
			137	15° ↑
↑ 20°			129	
			127	2-36" CMP
			121	15° ↑
			118	# CL391C 36" CMP
		F-1000'	115	10° ↑
			090	15° ↑
↑ 15°			077	

Minor Collector HPMS

DIST 6 x DIST 3

SAM

Form 6 HPS (Rev. 1961)

ROAD INVENTORY SHEET

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No. A-11

Road No. Co. 112
Road Name BIXLER CHURCH RD.
Sheet No. 3 OF 3
Date 11-21-72
County Carroll - District
State Coordinates

	DEEP RUN Co. RD. 921			
	269		SS	
40°	262			18'I 2 MC
	Co. LINEHART RD. 105			
	258		40°	~~+4 LEF~~ ~~+8 600~~
	249		SS	
	244		15°	
	233	F-800'		12'E 14'CW
	229	H-400'	15°	
	220	H		
	212	H-400' F-400'		

HPMS Mileage Calculator

SHA 51.3-6
11-15-72

(5)

ROAD INVENTORY SHEET

Road No. Co 192
Road Name ALESIA TO LINEBORO Rd
Sheet No. 2 OF 3
Date
County CARROLL
State Coordinates

FAS 1125 MATOR CACKLETOWN RURAL

		2.23	75°
	F	2.18	
	15°	2.16	
		2.12	30" CMP
	F 400°	1.99	30°
		1.95	48" CMP
		1.92	15°
	10°	1.86	
		1.81	20°
	UNDERGROUND	1.72	SHALK RD #1 CABLE
	H 300'	1.63	CO
	H	1.62	
		1.59	SHALK RD #1 CO 188
	H	1.57	
	H	1.39	30°
HPOLS	H	1.25	
30'		1.20	CROSS Rd CO SCHOOLHOUSE Rd 207

SAME

Form 6 HPS (Rev. 1961)

JR 8-11-85 NI
R. 11-11-85 NI

(6)

ROAD INVENTORY SHEET

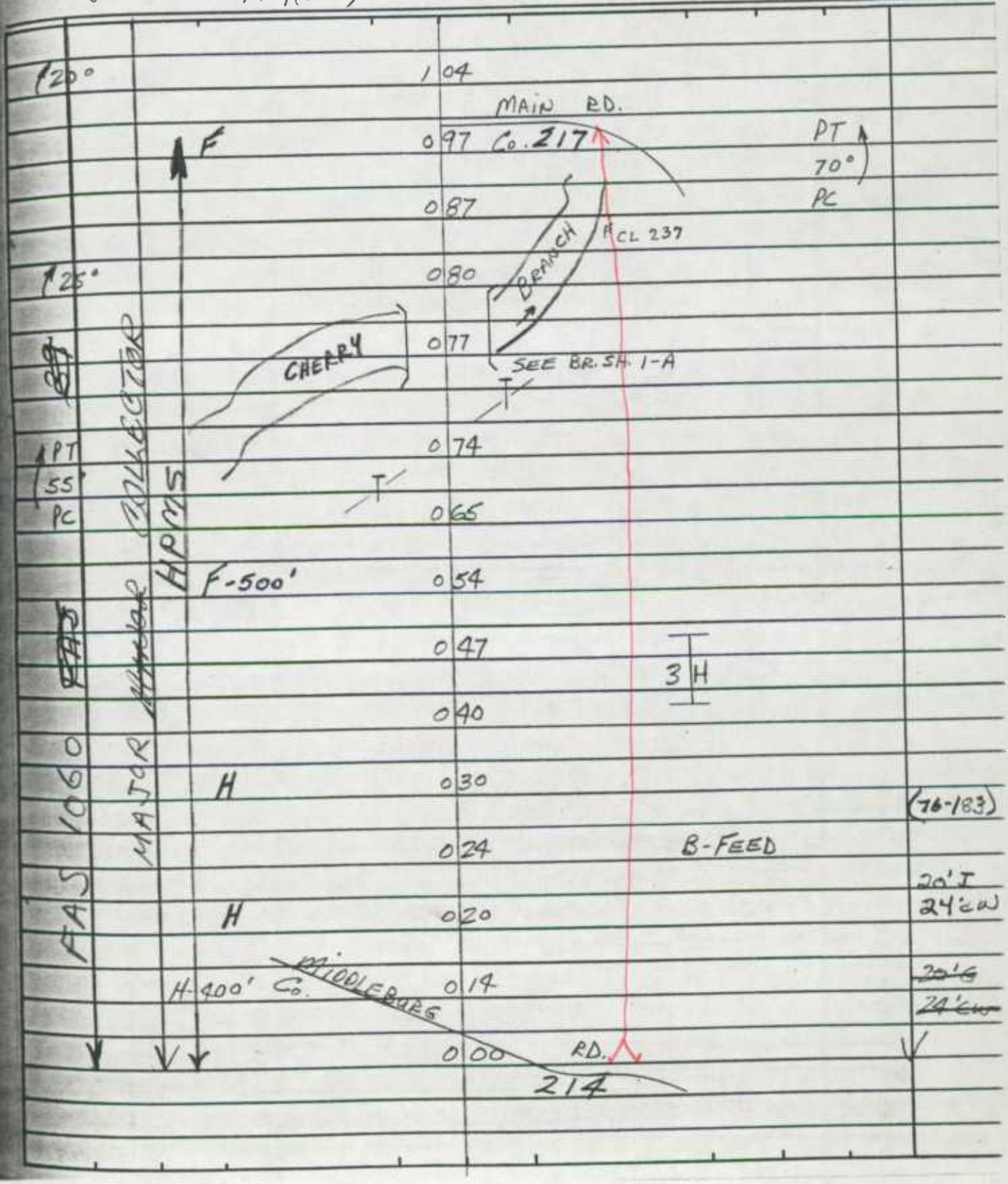
MU0155

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No. 8
85-1 (mun) 74-1 (mun)

Road No.: Co. 218
Road Name: UNION BRIDGE RD.
Sheet No.: 1 of 2
Date: 3-19-73
County: Carroll - District -12
State Coordinates: 747-641

89-54
AT



SAME

Form 6 HPS (Rev. 1961)

7

ROAD INVENTORY SHEET

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No.:

Road No.: Co. 247
Road Name: UNIONTOWN RD.
Sheet No.: 3 of 6
Date: 3-19-73
County: Carroll - District
State Coordinates:

		4 63			
	3 H 75-64				
	FRIZZELBURG RD	4 57		F	22' H
	~~ECKART RD~~	FRIZZELBURG RD.			
		4 56	Co. 249		X
	~~Co. 250~~				
	H	4 53		H	
		4 51		H	
		4 44			15° ↑
	F	4 26			
		4 23			36" CMP SQUASH
10°	(76-91)	3 93		H	
	SPRINGDALE RD. NORTH				
	Co 245	3 86			
15°	F-1000'	3 69			
		3 67			48" CMP
		3 60		F	15° ↑
15°		3 42			~~22' H~~
	M BUFFINGTON RD.	HOLLOCK SCHOOLHOUSE RD ~~RD.~~			
	OP 88	3 32	OP ~~251~~ (76-96)	251	
	H	3 31			
					~~22'~~

22' I
~~22' H~~
X 30' I
10' I
J. CRB.
22' I
22' I
22' I
~~22'~~

Metal Culvert
HPMS

Form 6 HPS (Rev. 1961)

VRBAT

(7)

ROAD INVENTORY SHEET

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No. 9

Road No. Co. 257
Road Name MEADOW BRANCH RD.
Sheet No. 1 of 2
Date 4-10-73
County Carroll - District - 7
State Coordinates 800-648

1.12		3 H	
1.07			
1.05			
0.97		F-800'	PT
0.94		H	
0.90		10-TRAILERS	30°
0.87		H	
0.86			PC
0.76		B-ASPHALT Co.	
0.63		H	
0.27		OP 983	PT
0.26		36" CMP	65°
0.24			PC
0.12			
0.07		H	
0.06		JOLEEN LA. Co. 77	
0.00			

Culvert 40°

4 H

HPMS

MAIL RTE. 1 DIST. 1 Co. 76

18'G 22'CW

16'G 20'CW

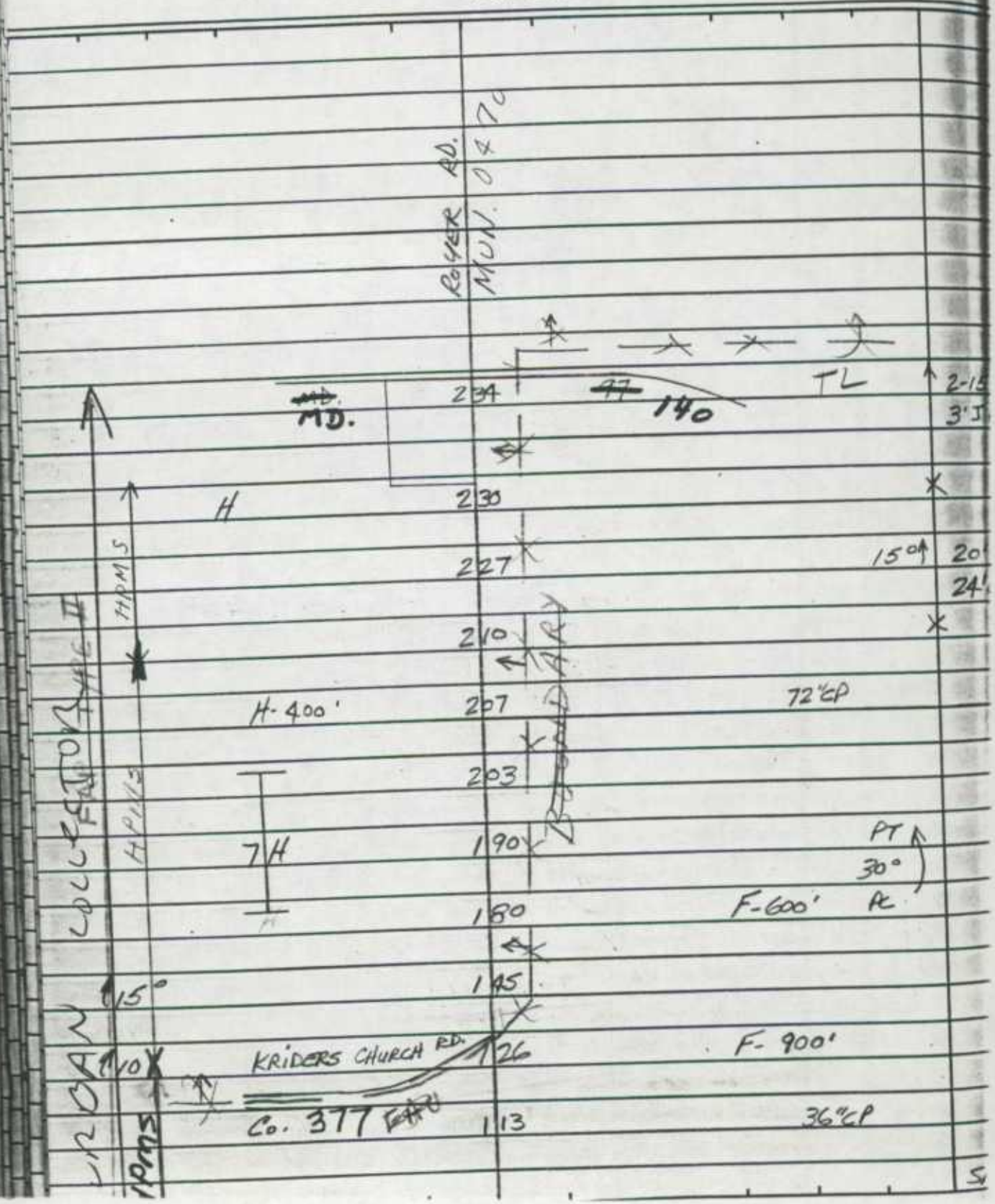
~~HS~~ MD 97

Form 6 HPS (Rev. 1961)

9+10

ROAD INVENTORY SHEET

Road No. Co. 257
Road Name MEADOW BRANCH RD.
Sheet No. 2 of 2
Date 4-10-73
County Carroll - District
State Coordinates



Form 6 HPS (Rev. 1961)

(11)

ROAD INVENTORY SHEET

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No.

Road No.: Co. 285
Road Name: NICODEMUS RD.
Sheet No.: 3 of 7
Date: 4-5-73
County: Carroll - District
State Coordinates:

86-100

	H-ABAN	344	
20°↑		339	F-1200' 36"CP
	H-500'	320	15°↑
		309	20°↑
		302	H
	3 H		
		298	
15°↑ X		290	19'G
		27	25'CW
10°↑	MD.	288	X
		286	48"CMP
12'G 16'CW		269	H
X			
PT	A-900' H	266	
		254	F
80°	STULLER RD.		16'G
PC	Co. 297	246	18'CW
		239	H
		229	35°↑
		224	X
		223	

HAMS

West X West

SAME

Form 6 HPS (Rev. 1961)

(12)

ROAD INVENTORY SHEET

Road No. Co. 289
Road Name STONE CHAPEL RD.
Sheet No. 2 of 34
Date 4-10-73
County Carroll - District
State Coordinates

		~~247~~		48"CP
↑10°		~~235~~	CHAPEL RD. ABANDONED	
	ENT TO GENSTAR ~~MED FORD~~ RD.	201 Co.		
	~~287~~	189		
	H	184		
		176		36"CMP
	F-800'	171		
		145	H-400'	
		137	H-400'	
140°		130		
	F-700'	127		
	BOWERSOX RD. Co. 283	123		60"CMP SQUASH
↑75°		122		
		121 Co.	WESTERN CHAPEL RD. 300	24"CMP
		115	H	
		102		15°↑

MINOR COLLECTOR - RURAL
HPMS
30 000 000 001
(1)

90-114

13-B

MARYLAND STATE HIGHWAY ADMINISTRATION

ROAD INVENTORY SHEET

Road No. Co 289
Road Name Stone Chapel Rd
County Carroll
Date 10-29-90
Sheet No. 3 OF 4

BB
BB
B-11 / W
792.616

LINE DIAGRAM	TRAFFIC CONTROL	TRAFFIC COM/ING ACCESS	TRAFFIC PEDS. REST.	PAVEMENT DATA
				20'I
				2ML
				X
2 41				24'I
				8'FSHOLT
				2ML
				X
2 38				
Medford Rd Chapel Rd				
2 24		55		
CO 297 CO 299				
45° 2 20				
2 13 ↖35°				24'I
				2-8'FSHD
				2ML
				X
2 08				

(78-0)

20'±
26'
X

CMP

15'

Form 6 HPS (Rev. 1961)

(16)

ROAD INVENTORY SHEET

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No.:

Road No.: Co. 289
Road Name: STONE CHAPEL RD.
Sheet No.: 4 of 4
Date: 4-10-73
County: Carroll - District
State Coordinates:

		MD. 852-K	
COUNTY BRIDGE	LITTLE PIPE	3 18 20 CREEK ← SEE BR. SH. 1-A	#CL 363
	RXR WARNING SIGN	3 16 18	
	RXR CROSSING SIGN		
	w. md.	3 09 11	R.R. ~~MMID 831 (047)~~ (78-9) 18'6"
	AVONDALE RD.	RXR CROSSING SIGN	20'CW
	Co. 288	3 08 10	H-800' 24"CP X
		3 00 SIGN RRX	
		2 95	60"CP
		2 85	H-800'
		2 81	4 H PT
		2 72	30°
		2 55 60	PC
	H-800'	2 50	H-900'

Muddy Collector - Rural

(4)

HPMS

8900020(1)

6 HPS (Rev. 1961)

(17)

ROAD INVENTORY SHEET Co. 367

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No. 9 WESTMINSTER

Road No.: MUN. 0060
Road Name: CARROLL ST.
Sheet No.: 1 OF 1
Date: 4-24-73
County: Carroll - District - 7
State Coordinates: 801-635

EUGLAR RD. Co. 368			
JOHN ST.			
Co. DEPT. OF SOCIAL SERVICES	0	48	Co. 366
WESTMINSTER JR. HIGH-700'	0	46	B- TIRES
ELECT. SUBSTATION	0	42	
EXIT SCHOOL	0	39	
	0	34	
25TH ST.			
MUN. 9250	0	32	
MILTON AVE.			
MUN.	0	29	
21 ST ST.			
	0	20	MUN.
KEMPER AVE.			
MUN.	0	16	
CHURCH	0	13	
WINTER ST.			
MUN.	0	09	
W. MAIN ST.			
MD.	0	04	32
UNION AL.			
MUN.	0	00	

HPMN

FAC STOP

COLLECTOR

367 Co.

MUN. 0060

25' I
29' CW

.32

32' I
"J" CW

16' J
16' CW

Form 6 HPS (Rev. 1961)

~~OP 1063~~ (88-19) 18+19 (86-7) 8-CX1

ROAD INVENTORY SHEET

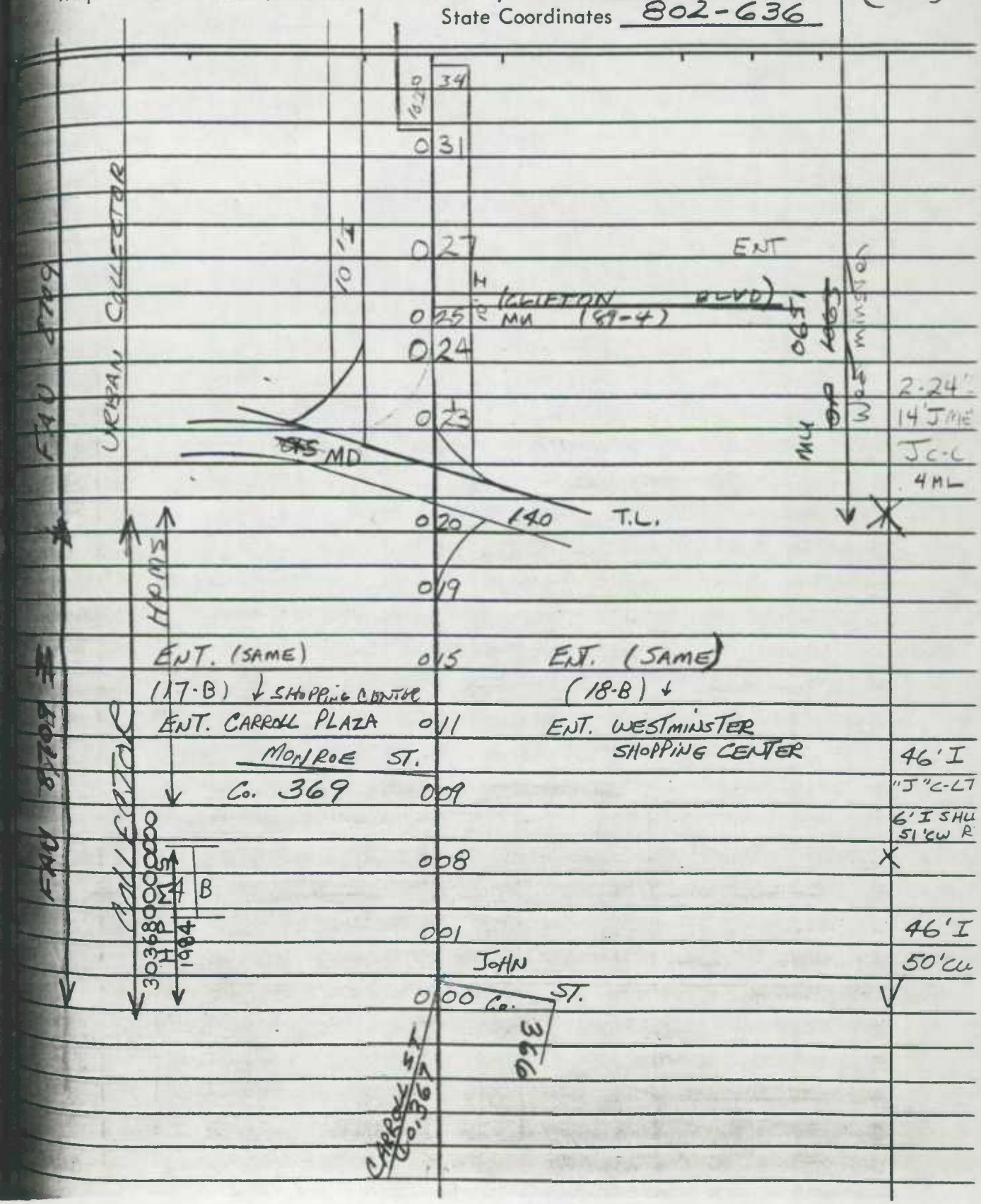
MU 0651

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No. 9B-11

Road No.: Co. 368 (76-106)
Road Name: ENGLAR ~~ST.~~ ROAD
Sheet No.: 1 of ~~3~~ 2
Date: 4-30-73
County: Carroll - District - 7
State Coordinates: 802-636

CB AL 4/4/89 JT. GD (88-2)



Form 6 HPS (Rev. 1961)

20

ROAD INVENTORY SHEET

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No. 9

Road No.: Co. 523
Road Name: BOLLINGER RD.
Sheet No.: 1 of 2
Date: 5-4-73
County: Carroll - District - 4
State Coordinates: 820-619

		0 77			
	3 H				
		0 74			
		0 57	10 H	PT 66° PC	
H-800'		0 52			
	4 H	0 48			
	HORSESHOE BEND RD OP 163	0 43			
	MARIE ~~DR~~ CT (73-34) Co 799	0 40			
		0 34			
10°		0 33			
		0 30		25°	
	H WALTER AVE. Co. 522	0 23	10 H		
		0 21			
		0 20			
	10 H	0 07			(~~42-8~~ 20'I ~~21'6~~ ~~18'6~~ 20'CW 79-13
		0 02			
	OLD WESTMINSTER Co.	0 00	PIKE 505		

HEADS

COLLECTOR

ALWAYS

rm 6 HPS (Rev. 1961)

ROAD INVENTORY SHEET

Road No. Co. 523
Road Name BOLLINGER RD.
Sheet No. 2 of 2
Date 5-4-73
County Carroll - District
State Coordinates

		DEER PARK RD. Co. 212	538	
20°		184		
		176	15°	82-8 20'I
	F	172		~~20'G~~ ~~48'G~~
		169	H	20'CW 79-133
		155		
10°	LOAD LIMIT SIGN	153		
	MIDDLE	152	RUN. SEE BR. SH. 1-A	
		151	LOAD LIMIT SIGN	
		147		
	F	132		
		130	HOOK Co. 327 RD.	
		119	15°	
	F	101	F-1000'	
		097	TH-600'	
	CL 407	095 - NOW 6-CBC per Cmd Co. 3-24-73	96"CP & 48"CMP SQUASH	
		085	72"CP	
LAUTERBACH RD (73-27)				
	Co 795 ~~PROP.~~	079		

MINOR COLLECTOR

20'I BRIDGE 2 MI.

HPM 5

SAME

Form 6 HPS (Rev. 1961)

21

ROAD INVENTORY SHEET

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No.:

Road No.: Co. 538
Road Name: ~~DEER~~ PARK RD.
Sheet No.: 7 of 9
Date: 5-10-73
County: Carroll - District
State Coordinates:

		552			
	TUPELO RD.				
	534 Co.	551			
	H	549			
PC	H	546			
		534	F-1000'		
		528		PT 40°	
	F-300'	519	H	PC	
	F	498			
		496	H		
		494	H		
		PIN OAK 489 Co. 533 DR.			
		483	H		
		DALIB RD. 482 Co. 532			
		479	H	15°	
		475	H		
		466	H		21' HI
					21' CW
					79-89

FAS 1417 ~~FAS~~

MAJOR COLLECTOR HPMS

Form 6 HPS (Rev. 1961)

(22)

ROAD INVENTORY SHEET

Road No. Co. 574
Road Name GILLIS FALLS RD
Sheet No. 2 of 4
Date 5-18-73
County Carroll - District
State Coordinates

		235			
		228		PT 40° PC	
HPMS	H-75' H	219			
15°	UNDERGROUND	200	CABLE		
MINOR COLLECTOR AS ZIP	H	191	H		
	DAVIS RD. Co 573	183			
	H	181		15°	
	H	175	H		
		174	H		18' I
PT	CABBAGE Co. 575 SPRING RD.	172	CHURCH & CEM.		17' G 19' CW
60°		167	HALL		X
PC		163			
		158		10°	
		152	H		
	F-800'	148		30" CMP	
		WATERSVILLE RD. 144 Co. 588			
					SAME

Form 6 HPS (Rev. 1961)

ROAD INVENTORY SHEET

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No.:

Road No.: Co. 574
Road Name: GILLIS FALLS RD
Sheet No.: 3 of 4
Date: 5-18-73
County: Carroll - District
State Coordinates:

		373	F-400' PC
		370	H
		364	H
15°		360	
			JOHN PICKETT RD.
		357	Co. 601
MINOR COLLECTOR	F-400'	355	3-48" CP
	F-800'	343	F
	4 H	340	
DIST. 14		330	
	X	305	2-72" CMP SQUASHES & 48" CMP
DIST. 13		288	F-500'
		286	20°
		263	
HOMS	H	252	
20°		250	
			5 H
		244	
	3 H		

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

Route No: CO 055
Sample No: 1
County: Carroll

Starting Mile Pt: 1.01
Ending Mile Pt: 1.60

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	239	100	0	
L	239	808	99.5	0.6	
	808	1305	100	0	
R	1305	2031	99.8	2	
	2031	3110	100	0	

	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	3	.34
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4	1	.11
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	1	.14
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	808	0%	
808	1487	-7%	
1487	2748	+2.0	
2748	3110	-2.6	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	.15
b.	0.5-2.4	1	.24
c.	2.5-4.4	1	.07
d.	4.5-6.4		
e.	6.5-8.4	1	.13
f.	8.5-		

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

Route No: CO 0055
Sample No: 2
County: Carroll

Starting Mile Pt: 3.85
Ending Mile Pt: 4.61
0.76

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	192	100	0	
L	192	465	99.75	2.4	
	465	1347	100	0	
R	1347	1801	99.4	4.6	
	1801	2317	100	0	
L	2317	2600	99.8	1.9	
R	2600	3325	99.8	1.8	
	3325	4025	100	0	

	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	4	
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	23+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	465	0%	
465	2055	−8.6	
2055	2985	+7.6	
2985	4025	0	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	____	____
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 0065
Sample No: 3
County: Carroll

Starting Mile Pt: 01.35
Ending Mile Pt: 01.54
(0.29)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	~~528~~ 965	100	0	

	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	1	.19
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	23+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	528	+3.2	
528	965	0 %	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	.09
b.	0.5-2.4		
c.	2.5-4.4	1	.10
d.	4.5-6.4		
e.	6.5-8.4		
f.	8.5-		

CURVE - GRADE DATA COLLECTION

UPDATE FORM - 1993

Route No: CO 112

Sample No: A

County: (6) CARROLL

Starting Mile Pt: 1.29

Ending Mile Pt: 1.71

.42 = 2218 ft

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	910	100	0	
910	1655	99.8	2.0	
1655	2019	99.9	1.0	
2019	2218	99.85	1.6	

A.	0.0 - 0.4	1	.17
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	1	.07
G.	5.5 - 6.9		
H.	7.0 - 8.4	1	.04
I.	8.5 - 10.9	1	.14
J.	11.0- 13.9		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	388	0	
388	1655	11.8	
1655	2218	0	

A.	0.0 - 0.4	2	.18
B.	0.5 - 2.4		
C.	2.5 - 4.4		
D.	4.5 - 6.4		
E.	6.5 - 8.4		
F.	8.5 -	1	.24

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

Route No: CO 0112
Sample No: 4
County: Carroll

Starting Mile Pt: 1.29
Ending Mile Pt: 2.29

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	910	100	0	
R	910	1655	99.8	2.0	
L	1655	2019	99.9	1.0	
R	2019	2280	99.85	1.6	
		2280 → 3530	100	0	
L	3530	3763	99.65	4.0	
	3763	4676	100	0	
L	4676	4814	99.7	2.8	
	4814	5275	100	0	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	388	0	
388	1655	+11.8	
1655	2454	0	
2454	3096	-7.8	
3096	3763	-5.4	
3763	4275	+6.4	
4275	4676	0%	
4676	4754	-8.9	
4754	5275	+9.8	

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

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

Route No: CO 0192
Sample No: 5
County: Carroll

Starting Mile Pt: 1.20
Ending Mile Pt: 1.62
0.42

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	154	100	0	
R	154	415	99.9	0.9	
	415	916	100	0	
L	916	1180	99.65	3.3	
	1180	1920	100	0	
R	1920	2210	99.35	5.6	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	1180	+4.8	
1180	1920	0%	
1920	2210	0.8%	

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

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

Route No: C00212
Sample No: 6
County: Carroll

Starting Mile Pt: 0.00
Ending Mile Pt: 0.97

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	3465 ~~3470~~	100	0	
R	3465	4504	99.8	1.8	
L	4504	5140	99.7	2.7	

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

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	1140	+1.4	
1140	5140	-3.0	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
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 0247
Sample No: 7
County: Carroll

Starting Mile Pt: 3.86
Ending Mile Pt: 4.56
(0.70)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	3123	100	0	
L 3123	3439	99.85	2.0	
3439	3710	100	0	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	373	0	
373	2110	-6.2	
2110	3289	+7.6	
3289	3710	-3.8	

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

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

Route No: CO 0257
Sample No: 8
County: Carroll

Starting Mile Pt: 0.12
Ending Mile Pt: 1.26
1.14

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	511	100	0	
L	511	839	99.6	3.1	
	839	~~839~~ 3903	100	0	
L	3903	4567	99.8	2.0	
R	4567	5060	99.8	2.0	
	5060	6030	100	0	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	669	-9.2	
669	1323	+5.0	
1323	2074	-1.2	
2074	2463	+0.6	
2463	2992	-4.0	
2992	3486	+0.6	
3486	4567	-5.0	
4567	4910	+0.6	
4910	5287	-3.0	
5287	6030	+4.2	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	____	____
b.	0.5-2.4	____	____
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 0257
Sample No: 9
County: Carroll

Starting Mile Pt: 1.26
Ending Mile Pt: 2.10

0.84

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	840	100	0	
R	840	1330	99.9	1.7	
	1330	2682	100	0	
L	2680	3886	99.9	1.8	
	3886	4400	100	0	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	381	-5.2	
381	1101	+1.0	
1101	2412	-3.4	
2412	3484	+0.6	
3484	4400	-2.0	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	____	____
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 0257
Sample No: 0
County: Carroll

Starting Mile Pt: 2.10
Ending Mile Pt: 2.30
0.20

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	891	100	0	
L	891	1050	99.85	1.3	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	1050	+4.0	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	____	____
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 0289
Sample No: 11
County: Carroll

Starting Mile Pt: 2.46
Ending Mile Pt: 2.88
0.42

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	~~2285~~ 2230	100	0	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	498	-8.4%	
498	927	0%	
927	1129	+2.2%	
1129	2230	-8.4%	

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

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

Route No: CO 2289
Sample No: 12
County: Carroll

Starting Mile Pt: ~~0.67~~ 1.22
Ending Mile Pt: 1.89
0.67

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	230			
230	754	99.8	2.3	
754	3528			

	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	2	0.57
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	1	0.10
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	1665	+6.0	
1665	2975	−6.0	
2975	3528	+2.0%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-2.4	1	0.10
c.	2.5-4.4		
d.	4.5-6.4	2	0.57
e.	6.5-8.4		
f.	8.5-		

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

Route No: CO 0289
Sample No: 13
County: Carroll

Starting Mile Pt: 2.01
Ending Mile Pt: 2.08

0.07

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	379			

	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	1	0.07
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	379	2%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-2.4	1	0.07
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 0289
Sample No: 14
County: Carroll

Starting Mile Pt: 2.08
Ending Mile Pt: 2.38

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	115	100	0	
L 115	355	99.7	3.0	
355	548	100	0	
R 548	838	99.75	2.8	
838	1593	100		

	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	3	0.20
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	2	0.10
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	548	-2.4%	
548	838	0	
838	1593	-3.8%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	0.06
b.	0.5-2.4	1	0.10
c.	2.5-4.4	1	0.14
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: 00 0289
Sample No: 15
County: Carroll

Starting Mile Pt: 2.38
Ending Mile Pt: 2.41
0.03

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	150	100	0	

	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	1	0.03
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	150	-2.4	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-2.4	1	0.03
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 0289
Sample No: 16
County: Cassell

Starting Mile Pt: 2.41
Ending Mile Pt: 3.10
0.69

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
6	297	100	0	
L 297	~~[illegible]~~ 2071	99.9	0.9	
2071	3641	100	0	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	397	-2.4	
397	1069	+6.6	
1069	1675	0.1	
1675	2833	-7.6%	
2833		0	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	____	____
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: 60 ~~0308~~ 367 367
Sample No: 17
County: Carroll

Starting Mile Pt: 0.32
Ending Mile Pt: 0.48
0.16

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	360	100	6	

	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	1	0.16
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	860	-2.6	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-2.4		
c.	2.5-4.4	1	0.16
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 0368
Sample No: 18
County: Carroll

Starting Mile Pt: 0.00
Ending Mile Pt: 0.08
(0.08)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	425	2.100	0	

	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	1	0.08
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	425.	+2.61	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-2.4		
c.	2.5-4.4	1	0.08
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 0368
Sample No: 19
County: Cassell.

Starting Mile Pt: 0.09
Ending Mile Pt: 0.20
0.11

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	590 ~~59~~	100	0	

	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	1	0.11
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	293	+2.6	
293	590	0%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	0.06
b.	0.5-2.4		
c.	2.5-4.4	1	0.05
d.	4.5-6.4		
e.	6.5-8.4		
f.	8.5-		

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

Route No: 60 0523
Sample No: 20
County: Garrett

Starting Mile Pt: 0.00
Ending Mile Pt: 1.20
(0.90)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	673	100	0	
L 673	939	99.6	3.4	
939	~~1509~~ 4092	100	0	
L ~~1509~~ 4092	4287 ~~4484~~	99.9	1.2	
4287 ~~4484~~	4784	100	0	

	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	3	0.81
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	1	0.04
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		0.05
k.	14.0-19.4	1	
l.	19.5-27.9		
m.	28+		

0.127
0.597
0.08
0.81

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	673	0%	
673	1186	-8.1	
1186	1509	0%	
1509	2223	-11.2	
2223	4284	+9.8	
4284	4714	-5.8	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	2	0.19
b.	0.5-2.4		
c.	2.5-4.4		
d.	4.5-6.4	1	0.08
e.	6.5-8.4		
f.	8.5-	3	0.63

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

Route No: CO 538
Sample No: 21
County: Carroll

Starting Mile Pt: 4.89
Ending Mile Pt: 5.51
(0.62)

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	1524	100	0	
L	1524	2072	99.8	1.7	
	2072	3048	100	0	
R	3048	3238	99.8	1.5	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	2	.48
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	1	.04
h.	7.0-8.4	1	.1
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	1524	-3.4	
1524	2072	0.1	
2072	3048	+4.4	
3048	3238	-1.2	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	.1
b.	0.5-2.4	1	.021
c.	2.5-4.4	2	.48
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 0574
Sample No: 28
County: Carroll

Starting Mile Pt: 1.83
Ending Mile Pt: 3.05
1.22

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
L	0	387	99.9	1.0	
R	387	1247	99.95	0.6	
B	1247	1875	100	0	
L	1875	2522	99.8	2.0	
	2522	3419	100	0	
R	3419	3627	99.85	1.5	
	3627	5356	100	0	
L	5356	~~5670~~ 5670	99.9	1.1	
	5670	6438	100	0	

	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	4	.77
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4	1	.16
e.	3.5-4.4		
f.	4.5-5.4	2	.13
g.	5.5-6.9	1	.04
h.	7.0-8.4		
i.	8.5-10.9	1	.12
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	1247	-6.8%	
1247	1875	0%	
1875	3419	+9.4%	
3419	5670	-6.2%	
5670	6438	-10.6%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	.12
b.	0.5-2.4		
c.	2.5-4.4		
d.	4.5-6.4	1	.42
e.	6.5-8.4	1	.24
f.	8.5-	2	.44

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

Route No: CO 1713
Sample No: 23
County: ~~[illegible]~~ Carson

Starting Mile Pt: 0.00
Ending Mile Pt: ~~0.57~~ 0.57

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	849	99.5	4.2	
L	849	1655	~~[illegible]~~ 100	0	
L	1655	2230	99.8	1.3	
R	2230	2885	99.8	2.3	
	~~2525~~ 2885	2970		0	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	~~369~~	+	
~~369~~	626	+1.4	
626	1249	0	
1249	1655	-3.4	
1655	2058	+7.0	
2058	2347	-2.0	
2347	~~2825~~	+5.8%	
~~2825~~	2970		

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

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

Route No: MU 0070 155
Sample No: 24
County: Carroll

Starting Mile Pt: 0.27
Ending Mile Pt: 0.47
0.20

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	1050	100	6	

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

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	589	-4.8	
589	1050	+5.4	

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

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

Route No: MU 0070 155
Sample No: 25
County: Cassell

Starting Mile Pt: 0.47
Ending Mile Pt: 0.50
(0.03)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	159	100	0	

	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	1	0.03
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	159	~~50~~ 5.4%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-2.4		
c.	2.5-4.4		
d.	4.5-6.4	1	0.03
e.	6.5-8.4		
f.	8.5-		

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

Route No: MU 0250 155
Sample No: 26
County: Carroll

Starting Mile Pt: 0.25
Ending Mile Pt: 0.44
0.19

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	~~4[illegible]~~ 1000	100	0	

	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	1	0.19
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	23+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	407	0%	
407	847	−0.8%	
847	1000	0%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	2	0.11
b.	0.5-2.4	1	0.08
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: CMU 0470 155
Sample No: 27
County: Carroll

Starting Mile Pt: 0.21
Ending Mile Pt: 0.39
0.18

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	980	100	0%	

	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	1	0.18
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	608	-1.8	
608	980	+5.4	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-2.4	1	0.12
c.	2.5-4.4		
d.	4.5-6.4	1	0.06
e.	6.5-8.4		
f.	8.5-		

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

Route No: MU 0470 155
Sample No: 23
County: Garrott

Starting Mile Pt: 0.39
Ending Mile Pt: 0.47

0.08

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	420	99.8	2.2	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9	1	0.08
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	420	+5.0	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-2.4		
c.	2.5-4.4		
d.	4.5-6.4	1	0.02
e.	6.5-8.4		
f.	8.5-		

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

Route No: MU 0540 155
Sample No: 29
County: Carroll

Starting Mile Pt: 1.29
Ending Mile Pt: 1.51
0.22

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	141	100	0	
R	141	529	99.85	1.6	
	529	1137	100	0	

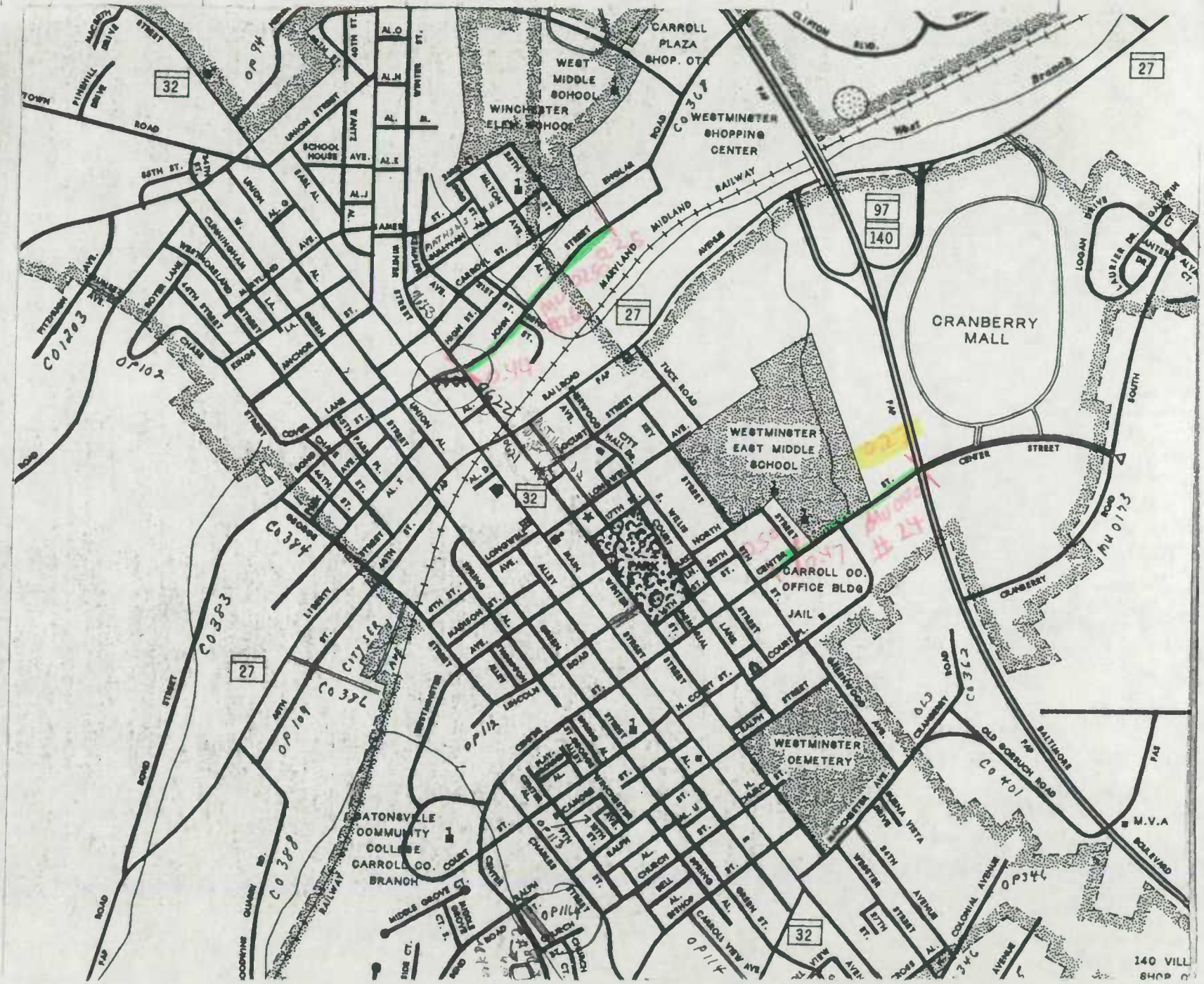
	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	2	0.15
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4	1	0.07
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

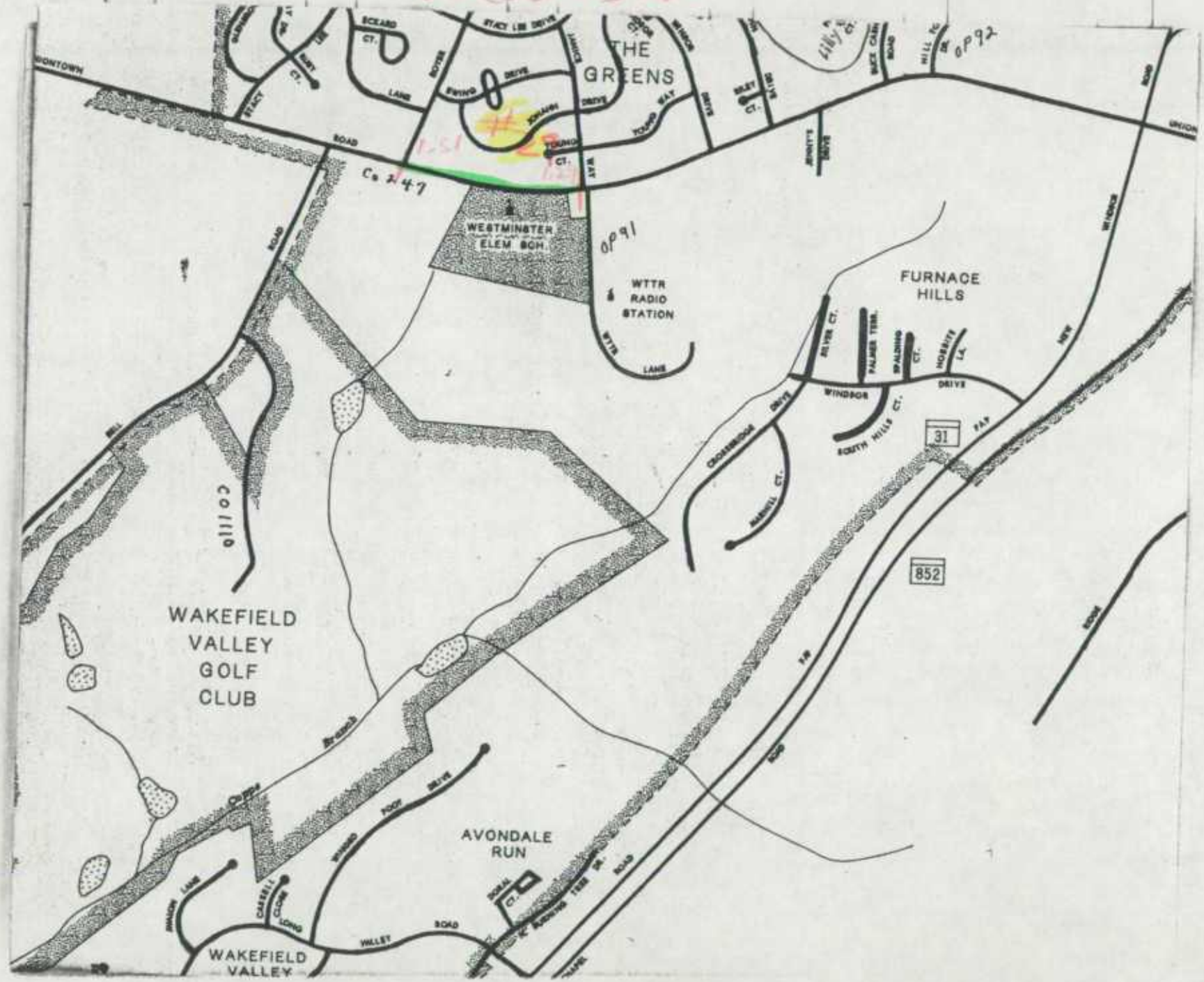
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
6	529	0%	
529	1137	+0.8%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	0.10
b.	0.5-2.4	1	0.12
c.	2.5-4.4		
d.	4.5-6.4		
e.	6.5-8.4		
f.	8.5-		

Westminster



Westminster



Form 6 HPS (Rev. 1961)

91-54
AIT

23

ROAD INVENTORY SHEET

Party Chief: T. LANDON
Recorder: W. WARFIELD
Helper:

Map No. ~~75~~ C11 80-98 J.E/D.G. 25 FEB 81

Road No.: Co. 713
Road Name: MINERAL HILL RD.
Sheet No.: 1 OF 4
Date: 6-1-73
County: Carroll - District - 5
State Coordinates: 827-574

AIT 3-8-79

77-37

		0 58		
	SNOWDENS RUN RD. Co. 712	0 57		
		0 55	H-500'	
15°		0 52		
70°		0 45		
		0 38	H 15°	
		0 35	CHURCH & CEM. 15°	
	18 H	0 28	H-500'	
10°		0 24	7 H	
		0 15	PT	
			MELVILLE RD.	
		0 14	Co. 718 55°	
		0 08	H PC	
		0 04	HALL	22'I
	H	0 02	RD. CHURCH & CEM	20'CU
			OAKLAND	~~18'C~~
		0 00	Co. ~~712~~ 1123	~~20'CU~~
				2ML

Collector
Minor
HPMS
HPMS

AKLAND HILLS RD. Co. 721

8 Revised

MARYLAND STATE HIGHWAY ADMINISTRATION

WESTMINSTER (86-1)

4/4/88 DT GD (88-5)

ROAD INVENTORY SHEET

(86-6)

24 + 25

Chief CB
AL

No./Dir. B11 /W
Coordinates 807-637

Road No. ~~CO 359~~ MUN 0070
Road Name CENTER ST
County CARROLL
Date 1-16-87
Sheet No. 1 OF

TRANS 88-5

LINE DIAGRAM

Traffic Control	Traffic Com/Ind. Access	Traffic Pkg. Rest.	Pavement Data
		0 33 B-AUTO REPAIR	34' I JC-C 2 ML
		MD 0 27 140	TL X
		H 0 24	
		12' H 12' H	24' I LT 11' I RT
		0 21	J C-C 7' GRS MED
		12' H 0 20	X 3ML
		0 18 EXIT MALL ← CRANBERRY MALL	22' I LT 26' I RT
		0 17 ENT: MALL →	SS E J C-C 16' GRS MED
		0 16	X 4ML
		0 10 ENT: CRANBERRY MALL	E
		0 07 ENT: CHURCH	E
		0 03 CHURCH	2-25' I 4' J MED J C-C
		CRANBERRY RD. CO. 399 0 00 (88-4)	SS. X 4ML

MUN 0070

LINE DIAGRAM

SYSTEM				TRAFFIC							
FED. AID.	FUNCT. CLASS.	HWY. SYS.	HPMS SAMPLE	PKG. REST.	COM/IND ACCESS			CONTROL	COM/IND ACCESS	PKG. REST.	PA
8705	COLLECTOR	0070 MUN									27 JC
						E MD	MAIN ST 0072 32				
						WINTERS MUN	ST 0620 → 0068				
						CHURCH	MEMORIAL MUN ST 0360 0065				
						COURT MUN	LANE 0160 ← 0062				
						WILLIS MUN	ST 0590 0058	SS			
						8TH MUN	ST 9080 → 0053				28 JC 2M
							0050				
						ENT	0049				
						CARROLL CO. OFFICES	NORTH CO ST 987 0047				
							0042				
						COURT MUN	STR 0172 0039				
							0038 3-48" CP				
FAU		MUN 0070 0359	SAME								

Jump from 0.15500472

22

25

31.3 - 8 Revised
4.83

County Chief
Recorder
Assistant REV
Map No./Dir.
State Coordinates

SYSTEM			TRAFFIC	
FUNCT. CLASS.	HWY. SYS.	HPMS SAMPLE	PKG. REST.	COM/IND ACCESS
COLLECTOR	0070 MUN			

Revised

MARYLAND STATE HIGHWAY ADMINISTRATION
Westminster
ROAD INVENTORY SHEET Co. 366

26

85-10 - A/T
JE, MB

Chief T. London
W. Warfield
Rewritten 12/1/89 J.L.
Rte./Dir. B-11 / S
Coordinates 802-636

Road No. Mun 0250
Road Name John St
County Carroll
Date 4-25-73
Sheet No. 1 OF 2

Mile Post	Traffic Prkg. Rest.	Traffic Com/Ind. Access	LINE DIAGRAM	Traffic Control	Traffic Com/Ind. Access	Traffic Prkg. Rest.	PAVEMENT DATA
			21st St				
			0 32 Mun 9210 — Mun 0250				
			Alley #1 Mun 7010 — 1 Gerr. Lots — Westminster				37' I "J" C-C
			0 25				
			0 24				30' I "J" C-R+ 34' CW
			0 20				
		E	Westminster SHA Garage 0 18 20° J				
			Co 366				26' I 36' CW
		E	B-Farm Equip. 0 07				
		E	90° B-Feed 0 05				24' I 34' CW
			Carroll St				
			~~Engler Rd Co 368~~ 0 00 Co 367				

SS

40' I
J C-C

79

SYSTEM				TRAFFIC		LINE DIAGRAM	TRAFFIC				PAVEMENT DATA
FED. AID.	FUNCT. CLASS.	HWY. SYS.	HPMS SAMPLE	PKG. REST.	COM/IND ACCESS		CONTROL	COM/IND	ACCESS	PKG. REST.	
FAU 8707	Urban Collector		HPMS 6025015S0025			W. Main St. MD 0 48 32 0.01/19'I J'c-c 0 47 Winter St. 30° MUN 0 44 0672 0280 Run 32nd St. MU 9320 0 34					Chief Recorder Helper Map No. 40 45° 37

27+28
88-10
2-6-88
DT
GD

Revised

MARYLAND STATE HIGHWAY ADMINISTRATION

ROAD INVENTORY SHEET

Chief Rewritten T.M.

Dir. / N

Coordinates

Road No. MU 0470
Road Name Royer Rd
County CARROLL
Date 9-29-88
Sheet No. 1 OF 2

LINE DIAGRAM

WESTMINSTER

TRAFFIC: PKG. REST. | COM/IND. ACCESS

TRAFFIC: CONTROL | COM/IND. ACCESS | PKG. REST.

PAVEMENT DATA

0470155 0021 X 0470155 0039

N. 0 48

4

Buck Mu. — Cash DR 0045

4 0 47

12'

0 44

(FALCON CT#1) 0 39 ELMWOOD CT.)

OP 1083 #1) 0 37 WINDSOR MU 0191 DR (88-09)

0 28 32 MU ~~60"~~ cmp 615

0 28 60" CMP

STACY LEE DR — STACY LEE DR

MU 0486 0 21 MU 0486

EWING ~~LA~~ DRIVE

0 11 MU 0188

WAMPLER LA

MU 0548 0 08

UNIONTOWN Rd

CO 0 00 247

2-24' I
"J" C-C
4' J MED
4 ML
2-24' I
"J" C-C
10' GRASS MED
4 ML
48' I
"J" C-C

SHA 51.3-8
11-15-72

STATE HIGHWAY ADMINISTRATION OF MARYLAND

29

ROAD INVENTORY SHEET

Party Chief I LANDON
Recorder W WARFIELD
Helper

Map No. _____

Road No. MU 540
Road Name UNIONTOWN RD
Sheet No. 3 OF 3
Date 3-19-73
County CARROLL DIST 7
State Coordinates 795-637

2-24-86 JE
MB

Count: 8-17-81 JTC

				1 79		
				1 76	STACY LEE DRIVE	
				1 75		
			BELL RD Co 259	1 61		22'G 28'a
48'I	1671 COLLECTOR MAJOR	247 CO			5 H	
				1 52	WESTERN STATE	
				1 51	Kaylor Rd	
24'I 24'a				1 48		
				1 34		48'I
			CORPORATE LIMITS	1 29	COUNTY	
				1 26	service Way MU 0243	
35'I J C-C 2ML			OP 91	1 25		
	FAU 8701 URBAN MINOR ARTE.		20°	1 17		

HPMS C000

```
6 C0 0055 000 1 1.01 1.60 0.59 3 0.34 0 0.00 0 0.00 1 0.11 0 0.00 0 0.00 0 0.00 0 0.00 1 0.14 0 0.00 0 0.00 0 0.00 0 0.00 1 0.15 1 0.24
1 0.07 0 0.00 1 0.13 0 0.00
6 C0 0055 000 2 3.85 4.61 0.76 4 0.44 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.13 1 0.05 1 0.05 0 0.00 1 0.09 0 0.00 2 0.28 0 0.00
1 0.30 0 0.00 1 0.18 0 0.00
6 C0 0065 000 3 1.35 1.54 0.19 1 0.19 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.09 0 0.00
1 0.10 0 0.00 0 0.00 0 0.00
6 C0 0112 000 4 1.29 2.29 1.00 4 0.67 0 0.00 0 0.00 0 0.00 0 0.00 1 0.07 0 0.00 1 0.05 1 0.14 1 0.03 1 0.04 0 0.00 0 0.00 3 0.30 0 0.00
0 0.00 4 0.36 0 0.00 2 0.34
6 C0 0192 000 5 1.20 1.62 0.42 3 0.27 0 0.00 0 0.00 0 0.00 1 0.05 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.05 1 0.05 0 0.00 1 0.15 1 0.05
0 0.00 1 0.22 0 0.00 0 0.00
6 C0 0218 000 6 0.00 0.97 0.97 1 0.65 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.20 0 0.00 1 0.12 0 0.00 0 0.00 0 0.00 0 0.00 1 0.22
1 0.75 0 0.00 0 0.00 0 0.00
6 C0 0247 000 7 3.86 4.56 0.70 2 0.64 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.06 0 0.00 0 0.00 0 0.00 0 0.00 1 0.07 0 0.00
1 0.08 1 0.33 1 0.22 0 0.00
6 C0 0257 000 8 0.12 1.26 1.14 3 0.86 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 2 0.22 0 0.00 1 0.06 0 0.00 0 0.00 0 0.00 4 0.36
3 0.32 2 0.32 0 0.00 1 0.14
6 C0 0257 000 9 1.26 2.10 0.84 3 0.52 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 2 0.32 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 3 0.52
1 0.25 1 0.07 0 0.00 0 0.00
6 C0 0257 000 10 2.10 2.30 0.20 1 0.17 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.03 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00
 1 0.20 0 0.00 0 0.00 0 0.00
6 C0 0289 000 11 2.46 2.88 0.42 1 0.42 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.08 1 0.04
 0 0.00 0 0.00 2 0.30 0 0.00
6 C0 0289 000 12 1.22 1.89 0.67 2 0.57 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.10 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.10
 0 0.00 2 0.57 0 0.00 0 0.00
6 C0 0289 000 13 2.01 2.08 0.07 1 0.07 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.07
 0 0.00 0 0.00 0 0.00 0 0.00
6 C0 0289 000 14 2.08 2.38 0.30 3 0.20 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 2 0.10 0 0.00 0 0.00 0 0.00 1 0.06 1 0.10
 1 0.14 0 0.00 0 0.00 0 0.00
6 C0 0289 000 15 2.38 2.41 0.03 1 0.03 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.03
 0 0.00 0 0.00 0 0.00 0 0.00
6 C0 0289 000 16 2.41 3.10 0.69 2 0.37 0 0.00 0 0.00 0 0.00 1 0.32 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 2 0.26 1 0.08
 0 0.00 0 0.00 2 0.35 0 0.00
6 C0 0368 000 17 0.32 0.48 0.16 1 0.16 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00
 1 0.16 0 0.00 0 0.00 0 0.00
6 C0 0368 000 18 0.00 0.08 0.08 1 0.08 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00
 1 0.08 0 0.00 0 0.00 0 0.00
6 C0 0368 000 19 0.09 0.20 0.11 1 0.11 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.06 0 0.00
 1 0.05 0 0.00 0 0.00 0 0.00
6 C0 0523 000 20 0.40 1.30 0.90 3 0.81 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.04 0 0.00 0 0.00 0 0.00 1 0.05 0 0.00 0 0.00 2 0.19 0 0.00
 0 0.00 1 0.08 0 0.00 3 0.63
6 C0 0538 000 21 4.89 5.51 0.62 2 0.48 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.04 1 0.10 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.10 1 0.04
 2 0.48 0 0.00 0 0.00 0 0.00
6 C0 0574 000 22 1.83 3.05 1.22 4 0.77 0 0.00 0 0.00 1 0.16 0 0.00 2 0.13 1 0.04 0 0.00 1 0.12 0 0.00 0 0.00 0 0.00 0 0.00 1 0.12 0 0.00
 0 0.00 1 0.42 1 0.24 2 0.44
6 C0 1713 000 23 0.00 0.57 0.57 2 0.18 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.11 1 0.12 0 0.00 1 0.16 0 0.00 0 0.00 1 0.12 2 0.17
 1 0.08 1 0.12 1 0.08 0 0.00
6 MU 0070 155 24 0.27 0.47 0.20 1 0.20 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00
 0 0.00 2 0.20 0 0.00 0 0.00
6 MU 0070 155 25 0.47 0.50 0.03 1 0.03 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00
 0 0.00 1 0.03 0 0.00 0 0.00
6 MU 0250 155 26 0.25 0.44 0.19 1 0.19 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 2 0.11 1 0.08
 0 0.00 0 0.00 0 0.00 0 0.00
6 MU 0470 155 27 0.21 0.39 0.18 1 0.18 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.12
 0 0.00 1 0.06 0 0.00 0 0.00
6 MU 0470 155 28 0.39 0.47 0.08 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.08 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00
 0 0.00 1 0.08 0 0.00 0 0.00
6 MU 0540 155 29 1.29 1.51 0.22 2 0.15 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.07 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.10 1 0.12
```

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

Cecil

	CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD
1	07	CO 0076	03.15	00.89	04.04	A-15	1093-662
2	07	CO 0145	00.00	01.03	01.03	A-16	1138-682
3	07	CO 0145	01.03	01.02	02.05		
		Brewester Bridge Road					
4	07	CO 0184	00.00	00.60	00.60	A-16	1127-669
5	07	CO 0184	00.60	00.13	00.73		
6	07	CO 0184	00.73	00.10	00.83		
7	07	CO 0184	00.83	00.19	01.02		
8	07	CO 0184	01.02	00.32	01.34		
9	07	CO 0187	00.00	00.46	00.46	A-15,16	1123,5-653
10	07	CO 0187	00.46	00.29	00.75		
11	07	CO 0410	02.00	00.75	02.75	A-15	1109-671

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

	CO	ROUTE	BEGIN	SECT LENGTH	END	MAP	COORD
12	07	MU 0052 052 BLUEBELL RD	00.00	00.06	00.06	A16	1128-648
13	07	MU 0300 052 HIGH ST	00.64	00.24	00.88	A16	1130-648
14	07	MU 0360 052	00.00	00.17	00.17	B 16	1128-647
15	07	MU 0360 052	00.17	00.33	00.50	B 16	1128-647
16	07	LOCUST LA MU 0370 052	00.44	00.06	00.50	A-16	1131-651
17	07	MU 0370 052	00.50	00.03	00.53	"	"
18	07	MU 0575 052	00.00	00.31	00.31	B 16	1134-647

052 - ELKTON

SHA 51.3-8
11-15-72

90-66 AL JK 1-13-91 | 90-53 AL JK 1-18-91

ROAD INVENTORY SHEET

Road No. Co 76
Road Name THEODORE RD
Sheet No. 3 of 4
Date 4-11-77
County CECIL
State Coordinates

F	4.59		
	4.08	F	
	4.04	15 SEE BR SH. 1A	
	3.98	JAMIES Rd H	
	3.72	CO 831	
	3.33	F	
	3.29		20' AI
RED	TOAD	RD	30' CW
Co	3.15	79	
	3.13	F	
H	2.93	H	
	2.90	H	
	2.78	F	
H	2.75		
	2.72	H	
	2.62	DR	
	2.60	F	
EBENEZER	CHURCH	RD	
Co	2.47	92	
	2.31	H	same

HPMS

VICINI

Form 6 HPS (Rev. 1961)

ROAD INVENTORY SHEET

Party Chief F SETTAN
Recorder C FORREST
Chainman

VER 4-12-77

1138-682

77-19+20

68-35
68-36

*REVISED 12-4-73 GLEN FARMS

Road No. Co. 145
Name LITTLE EGYPT RD.
Sheet No. 1 OF 2
Date 6-26-64
County CECIL

89-18 A+

		0 80		DR.
	PT	0 78	H	
	30°			
	PC	0 75		
	F	0 71	H	
			SMITH RD. ~~CECIL DR~~	
		0 66	Co. 153	
	PT	0 59		
	35°	0 58		DR.
	PC	0 56		
	H	0 54	RIDGE CREST H RD	
		0 49	Co. 152 ~~T2~~ *	
		0 41	H	
			L x W x D 18-28-8	
CHRISTINA		0 34	H CE 026	RIVER
BRENTON WAY			SEE	BR. SH 1-A
Co 361	68-40	0 28		
		0 19	H	
	H	0 15	H	
	H	0 07		
	H	0 04		
	MD	000	273	

77-19
20' I
~~16'G~~
30' CW

Form 6 HPS (Rev. 1961)

ROAD INVENTORY SHEET

Party Chief L. S. TIAN
Recorder C. FORREST
Chainman

68-35
68-36 Bridges

Road No. Co. 145
Name
Sheet No. 2 of 2
Date 2-26-64
County CECIL

	MD	205	896
		194	H
		186	CE 0-5 BR. SH 1-G
			SHARPLESS DR
	H	178	75-14 Co. 482
	H	174	H
		170	BLACK OAK F DR
		162	75-15 Co. 483
	F	160	H
	H	156	H
		153	H
	F	144	~~CIRCLE EAST ROSEMONT~~ H
	UNION SCHOOL RD ~~BOB STREET RD~~	134	Co 363 68-46 WESTOVER ~~DR~~
	Co. 154	113	
	H	103	
		099	H
	H	095	
		092	H
		088	H
		084	H

18 G
20 C-W

SAME

HPMS COLLECTOR

HPMS - 1987

30/15000107

30/15000000

SHA 51.3-8
11-15-72

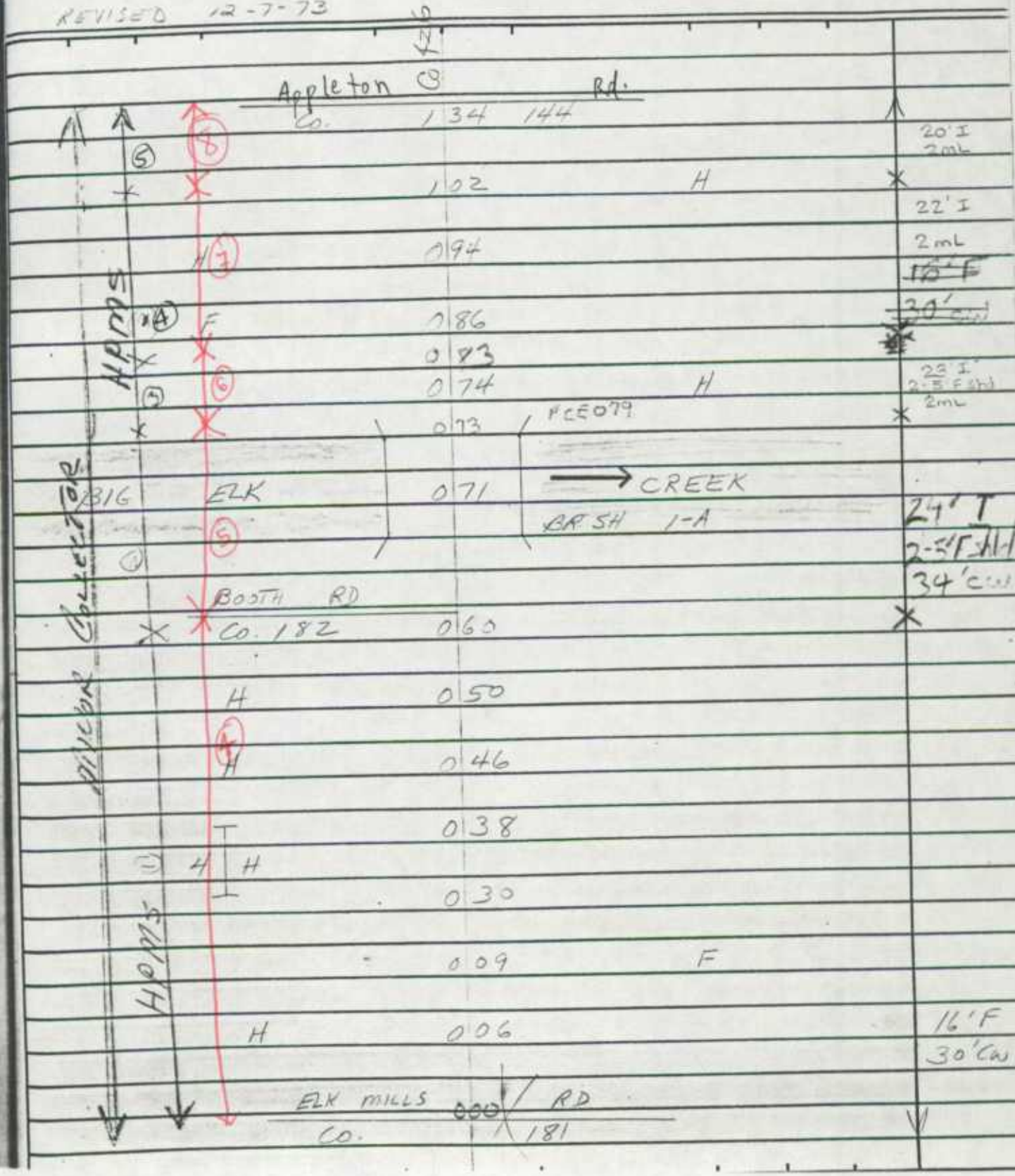
ROAD INVENTORY SHEET

88-14
CG/AL
12-22-88

Party Chief F. SEFTAN
Recorder C. FORREST
Helper
Map No. ____ T 1-30-75 W.D + M.Z

Road No. Co. 184
Road Name BREWSTER BRIDGE RD
Sheet No. 1 OF 1
Date 7-9-64
County CECIL
State Coordinates 1127-669

REVISED 12-7-73



Form 6 HPS (Rev. 1961)

ROAD INVENTORY SHEET

Party Chief F. SETTAN
Recorder C. FORREST
Chainman

Road No. Co. 187
Name DOGWOOD RD
Sheet No. 1 of 1
Date 7-9-64
County CECIL

1123,5-653
VER
ELKTON 4-18-77

	FAIR HILL MD	0 75	RD ~~280~~ 213	
	H	0 68		
	H	0 60		
	3 H	0 56		
		0 52		
9010	GRAVELLY	0 48	FCE0069 Run Br. 54 1-A	
	KIST ~~Gillespie Rd North Dogwood Rd~~ Co 188	0 47		
		0 46		
	3 H	0 45		
		0 42	5 H	
		0 40		
		0 38	OP 36	
		0 34	22 H	
		0 06		24' AI 40' CW
	BLUE BALL MD	0 00	RD 545	90.3

FAU 7710 9010 URBAN HPMS COLLECTOR HPMS 1964 NE

SHA 51.3-8
11-15-72

ROAD INVENTORY SHEET

Party Chief: F. SETTAN
Recorder: C. FORREST
Helper:

Map No.:

Road No.: Co. 410
Road Name: UNION CHURCH RD
Sheet No.: 3 OF 4
Date: 6-30-64
County: CECIL
State Coordinates:

	H	258	
	F	247	
		230	F
	F100' 4 II	225	
		210	
		207	CEX 354
	N. B	206	LA.
	I-	205	95
	S. B.	204	LA.
			26'J JC-C
		203	
	W	200	
	Union Valley Rd		
	Co. 341 H	195	
		190	
		181	H
		179	H
	3 H		
		174	
		172	
	CHURCH	170	CEM
	HALL	168	

Co. 420 Leeds Rd
Co. 420 TONYS Rd.

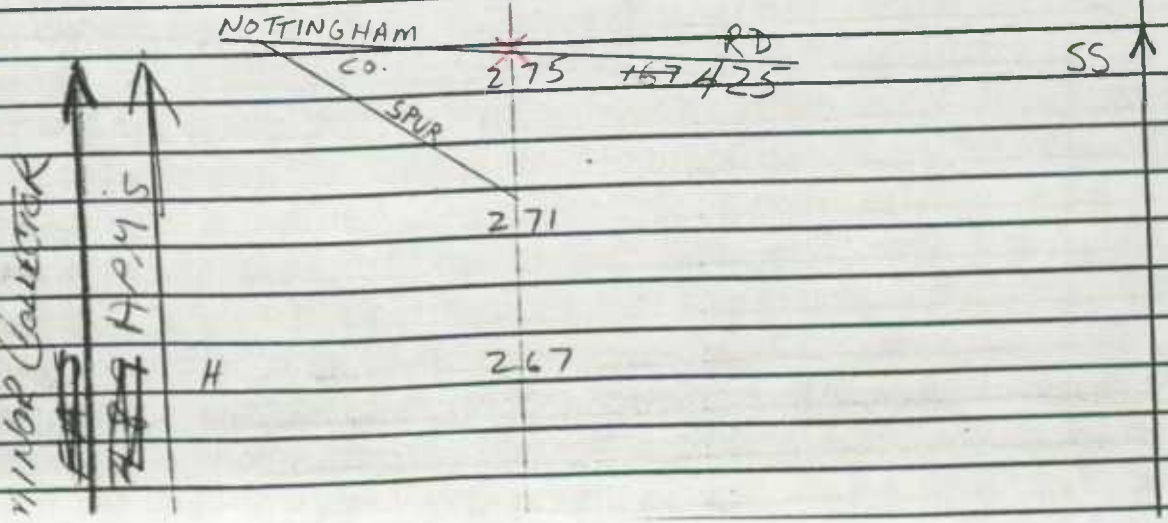
Mapbe Collector

30' I
20 L

SHA 51.3-8
11-15-72

ROAD INVENTORY SHEET

Road No. Co. 410
Road Name UNION CHURCH RD
Sheet No. 4 OF 4
Date
County
State Coordinates



6 HPS (Rev. 1961)

ROAD INVENTORY SHEET

(12)

CS P 3-70 X

Chief F. SETTAN
Order C. ~~FORREST~~
Woman

VER
4-26-77

Road No. 0052
Name BLUE BALL RD #2
Sheet No. 1 OF 1
Date 8-6-64
County CECIL

ELKTON

ROAD END

0 10

86-4

30' NI
J-CURB RT
~~18' E~~
~~20' CW~~

MUN 300
0 06 HIGH ST.

30' I
~~28' G~~
40' CW
J-CURB RT

MD 0 00 TD

BPS (Rev. 1961)

(13)

X

ROAD INVENTORY SHEET

Chief F. SETTAN
C. FORREST

Road No. 0300
Name HIGH ST
Sheet No. 2 OF 2
Date 8-5-64
County CECIL

ELKTON

MUN 57

BLUE BALL 0.88 RD

MUN 0390 0.81

MAFFITT ST 0.68

SPUR AOHW

R.R. 0.66

0.64

HIGHWAY

FAN MAIL ROUTE

RURAL RECTOR

30'H
J'c-c

SAME

Revised 8-85 KJP

MARYLAND STATE HIGHWAY ADMINISTRATION

ROAD INVENTORY SHEET

(14) (15)

Chief E. SETTAN
C. FORREST
ELKTON
Dist./Dir. B-16 / S
Coordinates 1127- 633

Road No. MUN. 0360
Road Name LANDING LANE
County CECIL
Date 8-6-64
Sheet No. 1 OF 2

83-1 JE
2-27-84 NS

TRAFFIC CONTROL	TRAFFIC COM/IND. ACCESS	TRAFFIC PRKG. REST.	LINE DIAGRAM			TRAFFIC CONTROL	TRAFFIC COM/IND. ACCESS	TRAFFIC PRKG. REST.	PAVEMENT DATA
			HUNTSMAN DR.						
			0 42	MUN. 0323					
			COW LANE						
			0 35	MUN. 0180					
			ROAD A						
			0 29	MUN. 0010					
			E.B.		LA.				
			U.S.	0 17	40	SS			
			W.B.		LA.				
				0 15					
			MACKALL ST.		CURTIS AVE.				
			MUN. 0380	0 08	MUN. 0190				
			CURTIS LANE						
			0 03	MUN. 0200					
									40' I
									C-C
			MD	0 00	7D				

HPMS 0360052 0017

HPMS 0360052 0000

MU 360
⑮

2052

SYSTEM				TRAFFIC	
FED. AID.	FUNCT. CLASS.	HWY. SYS.	HPMS SAMPLE	PRKG. REST.	COM/IND ACCESS
NON FA	URBAN COLLECTOR ✱ URBAN LOCAL			HPMS	

LINE DIAGRAM

ROAD END
0.63

0.55

HISTORICAL SIGN
OLDFIELD POINT RD
0.50 MUN. 0460

TRAFFIC		
CONTROL	COM/IND ACCESS	PRKG. REST.

PA

J
C

Map No.

ELKTON

16
30
24
J
MD

51.3 - 8 Revised 4.83

MARYLAND STATE HIGHWAY ADMINISTRATION

(16) 91-8

ROAD INVENTORY SHEET

Party Chief GD
Recorder DB
Assistant
Map No./Dir. L5
State Coordinates ELKTON

Road No. MU 0370
Road Name LOCUST LA.
County CECIL
Date 1-7-92
Sheet No. 1 OF 2

91-8
78-10 81-4

SYSTEM	TRAFFIC	LINE DIAGRAM			TRAFFIC	PAVEMENT DATA
						20'I
						JC-LT
						2UML
			E. High ST.			
		0	44	MU. 0300	SS	X
		Hermitage Dr.				
		MU. 0290	0	41		
						33'I
		Booth		La.		2UML
		MU.	0	39	0060	X
		Mitchell ST.				
		MU. 0450	0	36		
			0	33	PT	
					30°	
			0	25	PC	40'I
						JC-C
		Douglas		ST.		2UML
		MU.	0	13	220	X
						36'I
						JC-C
						2UML
			0	03		X
						28'I
						JC-RT
		FRIENDSHIP		Rd. (#2)		2UML
		MU.	0	00	0272	X

17

SYSTEM				TRAFFIC		LINE DIAGRAM	TRAFFIC		
FED. AID.	FUNCT. CLASS.	HWY. SYS.	HPMS SAMPLE	PKG. REST.	COM/IND ACCESS		CONTROL	COM/IND ACCESS	PKG. REST.
						E. MAIN ST			
						MD 0 53 7-D @1.30	SS		
FAU 9002	URBN Collector		2						
			X			0 50			X

Revised

Chief

No./Dir.

Coordinates

SYSTEM				TRAFFIC	
				PKG. REST.	COM/IND. ACCESS

* 0.00 - 0.49 - Mun. Letter 9/27/67

(18)

23 - 8 Revised

MARYLAND ~~STATE HIGHWAY~~ ADMINISTRATION
ELKTON
ROAD INVENTORY SHEET CO 211

Chief C.G.
B.B

Road No. Mu 0575
Road Name WHITE HALL Rd.
County CECIL
Date 12/13/89
Sheet No. 1 OF ~~2~~ 3

88 Ex*1

No./Dir. SOUTH
Coordinates 1134-647

TRAFFIC: PKG. REST.	TRAFFIC: COM/IND. ACCESS	LINE DIAGRAM	TRAFFIC: CONTROL	TRAFFIC: COM/IND. ACCESS	TRAFFIC: PKG. REST.	PAVEMENT DATA
		0 46 10' LTL				
	E	0 44		E		
		(PROP) 0 41				
		0 40 48" C.M.P. SQUASH D 1'				
		CHALICE DR.				
		0 39 MU 0132				
		HEARTHSTONE DR				
		MU 0295 0 37				
		0 31				
		~~CHESSMEN CIR.~~				
		MU 0134 0 28				
		~~COSTLESTONE DR~~				
		0 25 MU 0115				
		~~HEARTH STONE DR.~~				
		MU 0295 0 22				
		~~COVENTRY CT~~				36' I
		MU 0177 0 11				JC-C
						2 ML
		~~DELAWARE~~ ~~AVE~~				
		MD. 0 00 7D				

MUN 0575 0.00 - 0.49
HPMS - 60575 0052.0000

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

Route No: CO 0076
Sample No: 1
County: Cecil

Starting Mile Pt: 3.15
Ending Mile Pt: 4.04
(0.89)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	4699	100	0	

	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	1	0.89
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0		0%	
1323		−3.5%	
2719		+3.2%	
2932		−1.9%	
3131		+4.8%	
3430		0	
3857		+2.8%	
4546	4699	−1.3%	
~~4699~~			

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	2	0.33
b.	0.5-2.4	2	0.07
c.	2.5-4.4	3	0.43
d.	4.5-6.4	1	0.06
e.	6.5-8.4		
f.	8.5-		

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

Route No: CO Ø145
Sample No: 2
County: Cecil

Starting Mile Pt: 0.00
Ending Mile Pt: 1.03

(1.03)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	654	100	0	
L 654	792	99.8	2.3	
792	1037	100	0	
R 1037	~~1927~~			
	1927	99.5	4.2	
1927	2205	100	0	
R 2205	2702	99.5	3.7	
2702	2952	100	0	
R 2952	3301	98.9	5.8	
3301	3928	100	0	
R 3928	4196	99.6	4.0	
4196	4833	100	0	
L 4833	5312	99.8	2.4	
5312	5436	100	0	

	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	7	0.53
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	1	0.03
j.	11.0-13.9	1	0.09
k.	14.0-19.4	3	0.31
l.	19.5-27.9	1	0.07
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	294	0%	
294	1927	−0.7	
1927	2265	+2.0	
2265	2703	−0.7	
2703	2952	~~+2.4~~ ~~0%~~ +2.4%	
2952	3301	−1.250 %	
3301	3769	+12.8	
3769	4196	−3.4	
4196	5312	+5.1	
5312	5436	0%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	2	0.08
b.	0.5-2.4	0	0.26
c.	2.5-4.4	1	0.08
d.	4.5-6.4	1	0.21
e.	6.5-8.4	1	0.31
f.	8.5-	1	0.09

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

Route No: CO 0145
Sample No: 3
County: Cecil

Starting Mile Pt: 1.03
Ending Mile Pt: 2.05
(1.02)

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
	0	1220	100	0	
R	1220	1408	99.9	1.2	
	1408	2593	100	0	
R	2593	2856	99.85	1.9	
	2856	4076	100	0	
R	4076	4811	99.95	0.8	
	4811	5334	100	0	

	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	4	0.79
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4	1	0.14
f.	4.5-5.4		
g.	5.5-6.9	1	0.04
h.	7.0-8.4		
i.	8.5-10.9	1	0.05
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	454	2%	
454	760	+4.9%	
760	1220	-0.7%	
1220	1408	+2.8%	
1408	1701	-3.4%	
1701	1941	0%	
1941	2169	+0.8%	
2169	2593	-2.4%	
2593	3038	+2.0%	
3038	3375	0%	
3375	4324	-9.4%	
4324	4811	0%	
4811	5384	+4.7%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	5	0.35
b.	0.5-2.4	4	0.28
c.	2.5-4.4	2	0.10
d.	4.5-6.4	1	0.11
e.	6.5-8.4		
f.	8.5-	1	0.18

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

Route No: Co 184
Sample No: 4
County: Cecil

Starting Mile Pt: 0.00
Ending Mile Pt: 0.60
(0.60)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	3166	100	0	

	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	1	0.60
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	577	+3.0	
577	925	-2.5	
925	2021	0	
2021	2667	-2.0	
2667	3166	-5.4	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	0.21
b.	0.5-2.4	1	0.12
c.	2.5-4.4	2	0.18
d.	4.5-6.4	1	0.09
e.	6.5-8.4		
f.	8.5-		

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

Route No: Co 0184
Sample No: 5
County: Cecil

Starting Mile Pt: 0.60
Ending Mile Pt: 0.73
0.13

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	626	106	0	

	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	1	0.13
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	446	-5.4	
446	684	+5.7	

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

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

Route No: CO D184
Sample No: 6
County: Cecil

Starting Mile Pt: 0.73
Ending Mile Pt: 0.83
(0.10)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	225	100	0	
225	526	99.85	1.5	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	0.04
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	1	0.06
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	500	+5.7	
500	526	-0.6	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-2.4	1	0.02
c.	2.5-4.4		
d.	4.5-6.4	1	0.08
e.	6.5-8.4		
f.	8.5-		

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

Route No: Co 00184
Sample No: 7
County: Cecil

Starting Mile Pt: 0.83
Ending Mile Pt: 1.02
0.19

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	698	100	0	
R 698	1005	99.7	2.6	

	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	1	0.13
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	1	0.06
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	529	-0.6	
529	1005	+6.0	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-2.4	1	0.10
c.	2.5-4.4		
d.	4.5-6.4	1	0.09
e.	6.5-8.4		
f.	8.5-		

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

Route No: Co 0184
Sample No: 8
County: Cecil

Starting Mile Pt: 1.02
Ending Mile Pt: 1.34
(0.32)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	1691	100	0	

	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	1	0.32
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	239	+6.0	
239	925	0	
925	1691	+4.8	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	0.12
b.	0.5-2.4		
c.	2.5-4.4		
d.	4.5-6.4	2	0.20
e.	6.5-8.4		
f.	8.5-		

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

Route No: CO 0187
Sample No: 09
County: Cecil

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

Horzontal Curve Section

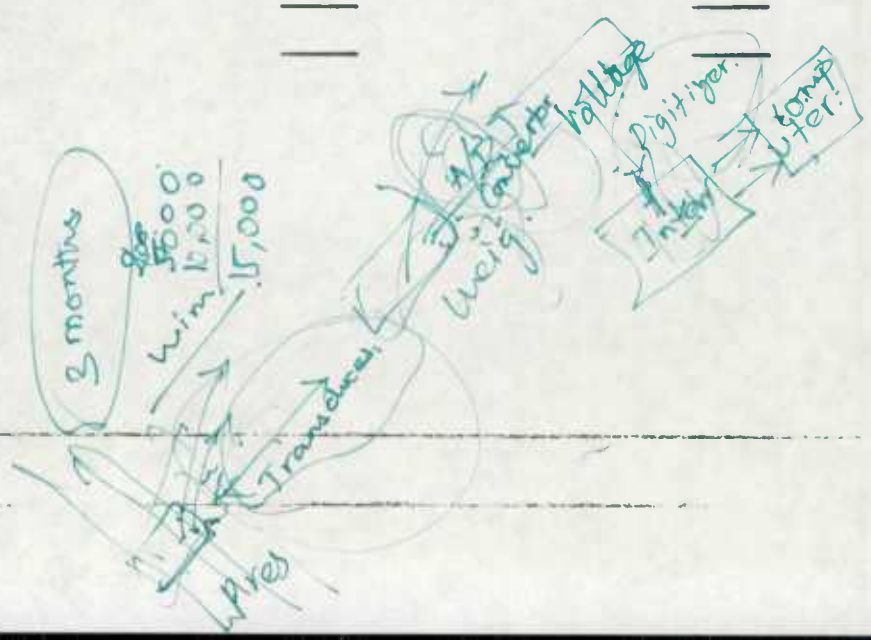
Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	1820	100	0	
R 1820	2429	99.9	1.3	

	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	1	0.34
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	1	0.12
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	828	+1.0	
828	1426	0 %	
1426	9429	-5.2	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	0.11
b.	0.5-2.4		
c.	2.5-4.4		
d.	4.5-6.4	1	0.19
e.	6.5-8.4		
f.	8.5-		



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

Route No: CO 0187
Sample No: 10
County: Cecil

Starting Mile Pt: 0.4
Ending Mile Pt: 0.7
(0.29)

Horzontal Curve Section

	Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
R	0	437	±999	1.3	
	437	1520	100	0	

	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	1	0.21
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	1	0.08
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	1425	+4.0	
1425	1520	0%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	0.02
b.	0.5-2.4		
c.	2.5-4.4	1	0.27
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 0410
Sample No: 11
County: Cecil

Starting Mile Pt: 2.00
Ending Mile Pt: 2.75

(0.75)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	3960	100	0	

	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	1	0.75
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	422	0%	
422	851	−2.9	
851	2335	+1.0	
2335	2566	−5.8	
2566	2990	0%	
2990	3960	−8.0	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	2	0.16
b.	0.5-2.4	1	0.28
c.	2.5-4.4	1	0.08
d.	4.5-6.4	1	0.05
e.	6.5-8.4	1	0.18
f.	8.5-		

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

Route No: MU 0052 052
Sample No: 12
County: CECIL

Starting Mile Pt: 0.00
Ending Mile Pt: 0.06

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	315	100	0	

	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	1	0.06
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	315	0%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	0.06
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: MU 0300 052
Sample No: 13
County: Cecil

Starting Mile Pt: 2.64
Ending Mile Pt: 2.88
(0.24)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	1266	100	0	

	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	1	0.24
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	1266	0%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	0.24
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: M11 0360 052
Sample No: 14
County: Cecil

Starting Mile Pt: 0.00
Ending Mile Pt: 0.17
(0.17)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	898	100	0	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	598	0%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	____	____
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: MU 0360 052
Sample No: 15
County: Cecil

Starting Mile Pt: 0.17
Ending Mile Pt: 0.50

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	1742	100	0	

	Curve Classes by Degree of Curvature	Number of Curves (Right-Justified)	Length of Curves in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-1.4		
c.	1.5-2.4		
d.	2.5-3.4		
e.	3.5-4.4		
f.	4.5-5.4		
g.	5.5-6.9		
h.	7.0-8.4		
i.	8.5-10.9		
j.	11.0-13.9		
k.	14.0-19.4		
l.	19.5-27.9		
m.	28+		

Vertical Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	1742	0%	

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

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: MU 0370 052
Sample No: 17
County: Cecil

Starting Mile Pt: 0.50
Ending Mile Pt: 0.53
(0.03)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	158	100	6	

	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	1	0.03
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	158	0%	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4	1	0.03
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: MU 0575 052
Sample No: 18
County: Cecil

Starting Mile Pt: 0.00
Ending Mile Pt: 0.31
(0.31)

Horzontal Curve Section

Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)
0	1638	100	0	

	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	1	0.31
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

Start Pt. (in ft.)	End Pt. (in ft.)	Gradient Percent	Length of Curve (in x.xx miles)
0	134	+2.8%	
134	1140	-2.5	
1140	1638	+1.9	

	Grade Classes by Gradient (Percent)	Number of Grades (Right-Justified)	Length of Grades in Class (Implied Decimal) (xx.xxx miles)
a.	0.0-0.4		
b.	0.5-2.4	1	0.10
c.	2.5-4.4	2	0.21
d.	4.5-6.4		
e.	6.5-8.4		
f.	8.5-		

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7 MU 0360 052 15 0.17 0.50 0.33 1 0.33 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.33 0 0.00
 0 0.00 0 0.00 0 0.00 0 0.00
7 CO 0184 000 5 0.60 0.73 0.13 1 0.13 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00
0 0.00 2 0.13 0 0.00 0 0.00
9 MU 690 019 8 0.37 0.72 0.35 1 0.35 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.35 0 0.00 0
 0.00 0 0.00 0 0.00 0 0.00
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7 CO 0076 000 1 3.15 4.04 0.89 1 0.89 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 2 0.33 2 0.07
3 0.43 1 0.06 0 0.00 0 0.00
7 CO 0145 000 2 0.00 1.03 1.03 7 0.53 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.03 1 0.09 3 0.31 1 0.07 0 0.00 2 0.08 4 0.26
1 0.08 1 0.21 1 0.31 1 0.09
7 CO 0145 000 3 1.03 2.05 1.02 4 0.79 0 0.00 0 0.00 0 0.00 1 0.14 0 0.00 1 0.04 0 0.00 1 0.05 0 0.00 0 0.00 0 0.00 0 0.00 5 0.35 4 0.28
2 0.10 1 0.11 0 0.00 1 0.18
7 CO 0184 000 4 0.00 0.60 0.60 1 0.60 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.21 1 0.12
2 0.18 1 0.09 0 0.00 0 0.00
7 CO 0184 000 5 0.60 0.79 0.19 1 0.13 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00
0 0.00 2 0.13 0 0.00 0 0.00
7 CO 0184 000 6 0.73 0.83 0.10 1 0.04 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.06 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.02
0 0.00 1 0.08 0 0.00 0 0.00
7 CO 0184 000 7 0.83 1.02 0.19 1 0.13 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.06 0 0.00 0 0.00 0 0.00 0 0.00 1 0.10
0 0.00 1 0.09 0 0.00 0 0.00
7 CO 0184 000 8 1.02 1.34 0.32 1 0.32 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.12 0 0.00
0 0.00 2 0.20 0 0.00 0 0.00
7 CO 0187 000 9 0.00 0.46 0.46 1 0.34 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.12 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.11 1 0.16
0 0.00 1 0.19 0 0.00 0 0.00
7 CO 0187 000 10 0.46 0.75 0.29 1 0.21 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.08 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.02 0 0.00
1 0.27 0 0.00 0 0.00 0 0.00
7 CO 0410 000 11 2.00 2.75 0.75 1 0.75 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 2 0.16 1 0.28
1 0.08 1 0.05 1 0.18 0 0.00
7 MU 0052 052 12 0.00 0.06 0.06 1 0.06 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.06 0 0.00
0 0.00 0 0.00 0 0.00 0 0.00
7 MU 0300 052 13 0.64 0.88 0.24 1 0.24 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.24 0 0.00
0 0.00 0 0.00 0 0.00 0 0.00
7 MU 0360 052 14 0.00 0.17 0.17 1 0.17 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.17 0 0.00
0 0.00 0 0.00 0 0.00 0 0.00
7 MU 0369 052 15 0.17 0.50 0.33 1 0.33 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.33 0 0.00
0 0.00 0 0.00 0 0.00 0 0.00
7 MU 0370 052 16 0.44 0.50 0.06 1 0.06 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.06 0 0.00
0 0.00 0 0.00 0 0.00 0 0.00
7 MU 0370 052 17 0.50 0.53 0.03 1 0.03 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.03 0 0.00
0 0.00 0 0.00 0 0.00 0 0.00
7 MU 0575 052 18 0.00 0.31 0.31 1 0.31 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.10
2 0.21 0 0.00 0 0.00 0 0.00
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7 CO 0076 000 1 3.15 4.04 0.89 1 0.89 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 2 0.33 2 0.07
3 0.43 1 0.06 0 0.00 0 0.00
7 CO 0145 000 2 0.00 1.03 1.03 7 0.53 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.03 1 0.09 3 0.31 1 0.07 0 0.00 2 0.08 4 0.26
1 0.08 1 0.21 1 0.31 1 0.09
7 CO 0145 000 3 1.03 2.05 1.02 4 0.79 0 0.00 0 0.00 0 0.00 1 0.14 0 0.00 1 0.04 0 0.00 1 0.05 0 0.00 0 0.00 0 0.00 0 0.00 5 0.35 4 0.28
2 0.10 1 0.11 0 0.00 1 0.18
7 CO 0184 000 4 0.00 0.60 0.60 1 0.60 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.21 1 0.12
2 0.18 1 0.09 0 0.00 0 0.00
7 CO 0184 000 5 0.60 0.79 0.19 1 0.13 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00
0 0.00 2 0.13 0 0.00 0 0.00
7 CO 0184 000 6 0.73 0.83 0.10 1 0.04 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.06 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.02
0 0.00 1 0.08 0 0.00 0 0.00
7 CO 0184 000 7 0.83 1.02 0.19 1 0.13 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.06 0 0.00 0 0.00 0 0.00 0 0.00 1 0.10
0 0.00 1 0.09 0 0.00 0 0.00
7 CO 0184 000 8 1.02 1.34 0.32 1 0.32 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.12 0 0.00
0 0.00 2 0.20 0 0.00 0 0.00
7 CO 0187 000 9 0.00 0.46 0.46 1 0.34 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.12 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.11 1 0.16
0 0.00 1 0.19 0 0.00 0 0.00
7 CO 0187 000 10 0.46 0.75 0.29 1 0.21 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.08 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.02 0 0.00
 1 0.27 0 0.00 0 0.00 0 0.00
7 CO 0410 000 11 2.00 2.75 0.75 1 0.75 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 2 0.16 1 0.28
 1 0.08 1 0.05 1 0.18 0 0.00
7 MU 0052 052 12 0.00 0.06 0.06 1 0.06 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.06 0 0.00
 0 0.00 0 0.00 0 0.00 0 0.00
7 MU 0300 052 13 0.64 0.88 0.24 1 0.24 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.24 0 0.00
 0 0.00 0 0.00 0 0.00 0 0.00
7 MU 0370 052 16 0.44 0.50 0.06 1 0.06 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.06 0 0.00
 0 0.00 0 0.00 0 0.00 0 0.00
7 MU 0370 052 17 0.50 0.53 0.03 1 0.03 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.03 0 0.00
 0 0.00 0 0.00 0 0.00 0 0.00
7 MU 0575 052 18 0.00 0.31 0.31 1 0.31 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 0 0.00 1 0.10
 2 0.21 0 0.00 0 0.00 0 0.00
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