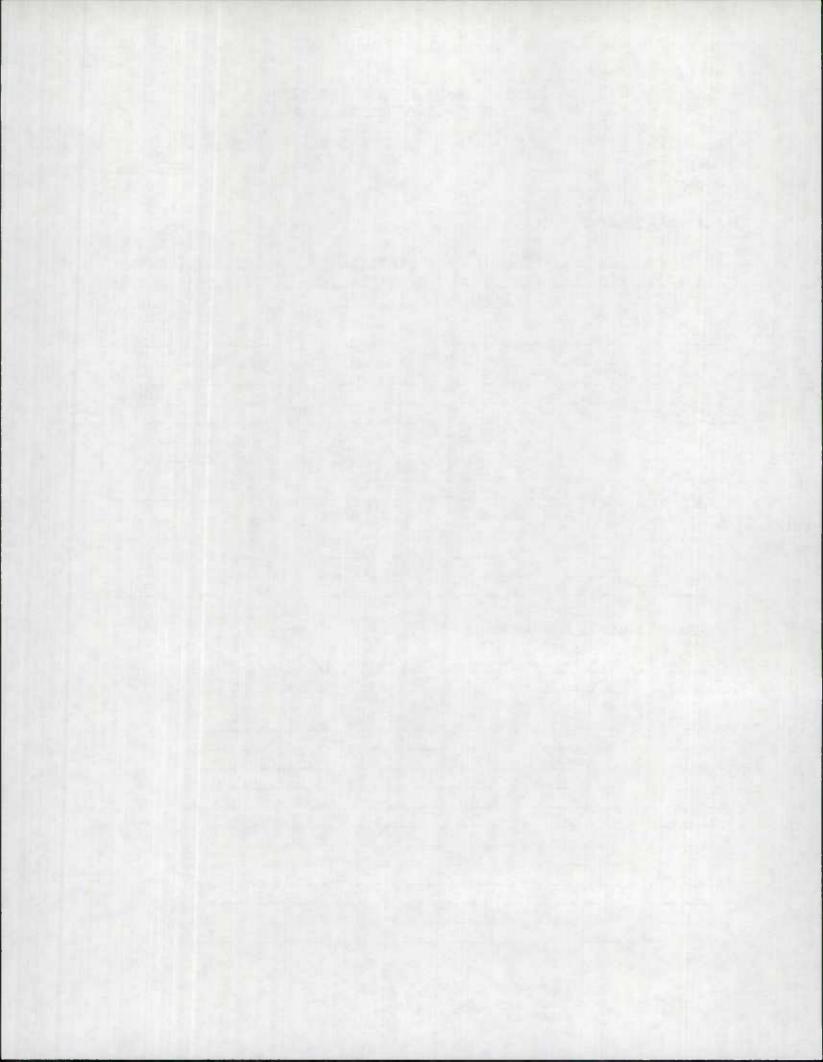
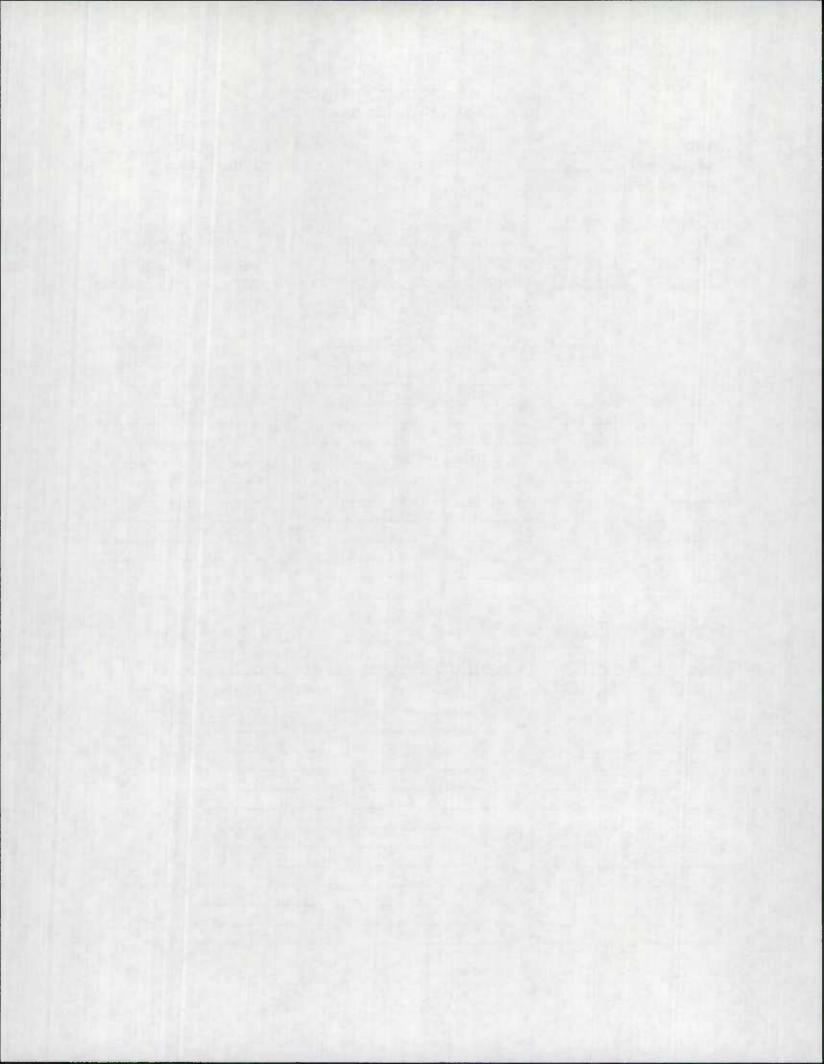
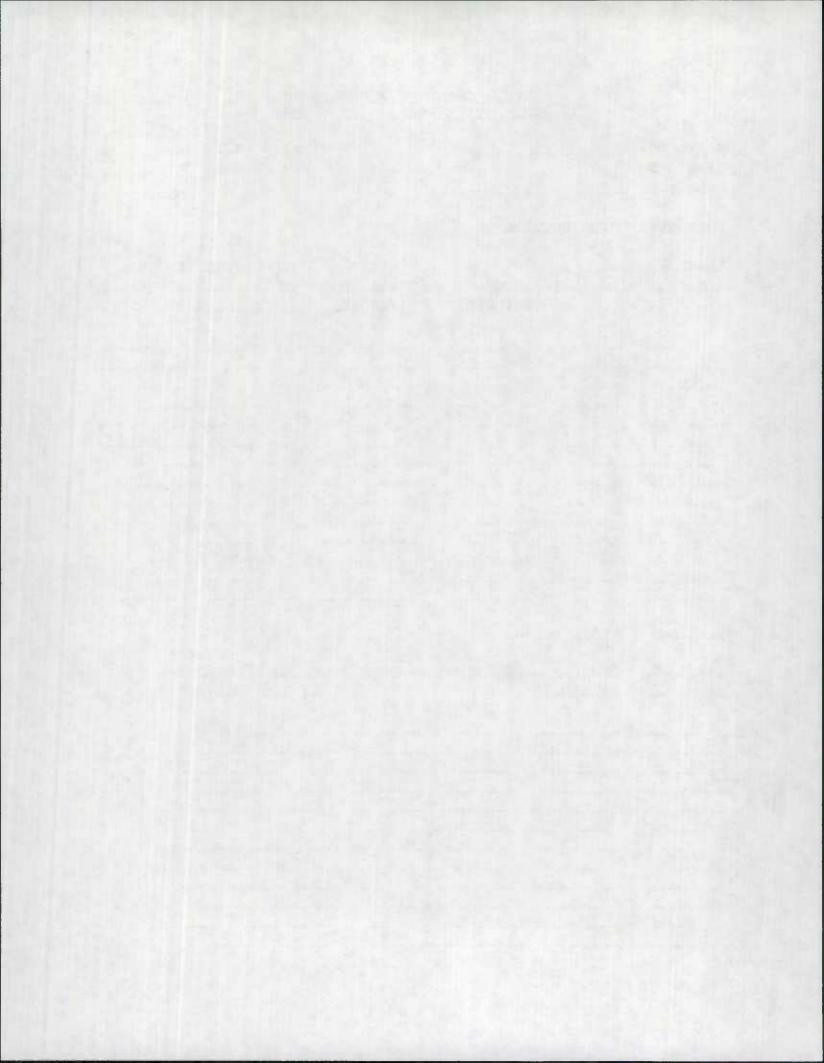
Route No: Sample No: County:	_	Starting Mile Pt: Ending Mile Pt:				
Horzontal						
Start Pt. (in ft.)			Central Ordi. Ler (/100ft	ngth	Length of Curve in(x	
Vertical C	urve Sec	tion				
Start Pt. (in ft.)			Percent	The second secon	of Curve	



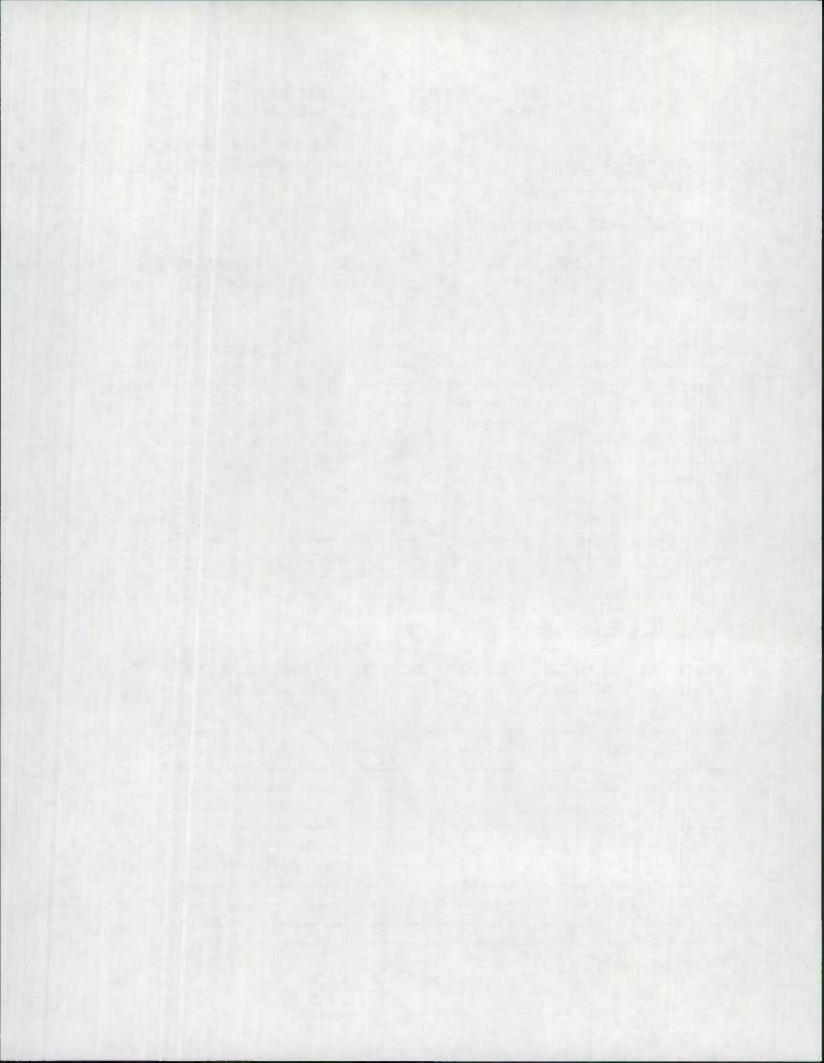
Route No:				Starting Mile Pt:		
Sample No:				Endi	ng Mile Pt:	
County:						
Horzontal	Curve Sec	tion				
Start Pt.			<u>Central</u>	_	Length of	
(in ft.)	(in ft.)	length (/100ft)	Ordi. Ler		Curve in(x.	xxmile)
			-			
Vertical C	curve Sec	tion				
Start Pt.	End Pt.	Gradient	Percent	Length	of Curve	
(in ft.)	(in ft.)			(in x.	xx miles)	



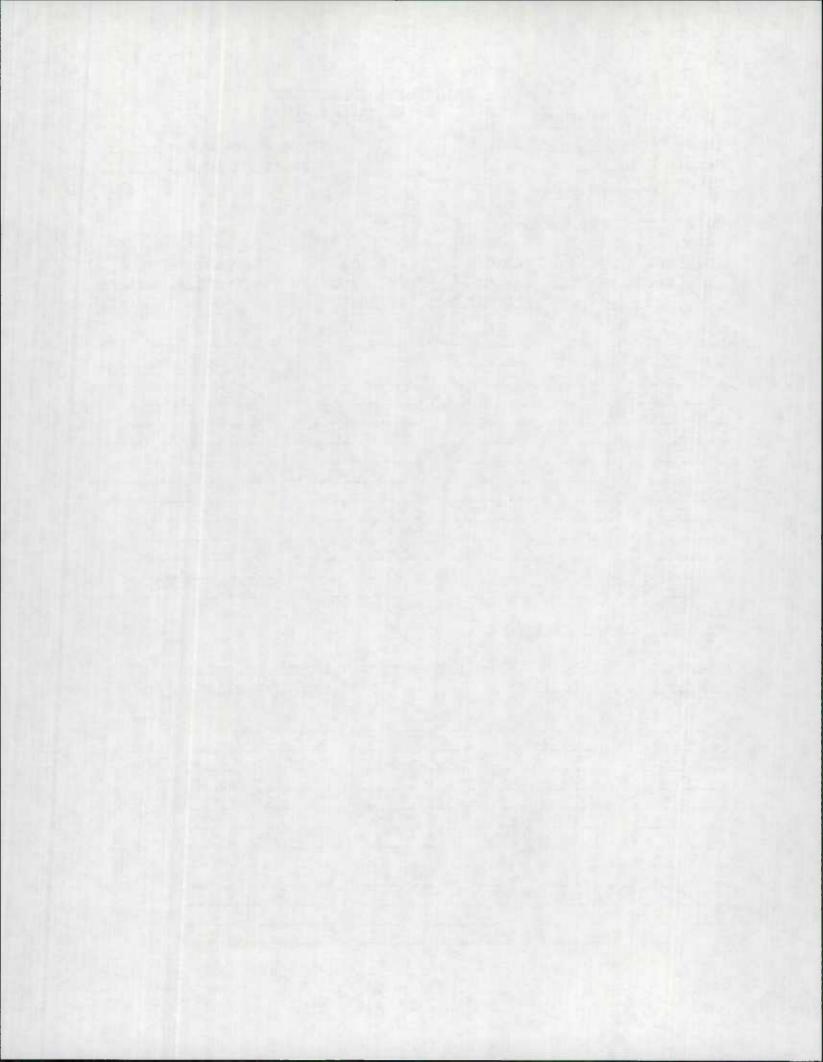
Sample No: County:						t:
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth (f Total x.xxmile)
Vertical C	urve Sec	tion				
Start Pt. (in ft.)		Gradient	Percent		of Curve	



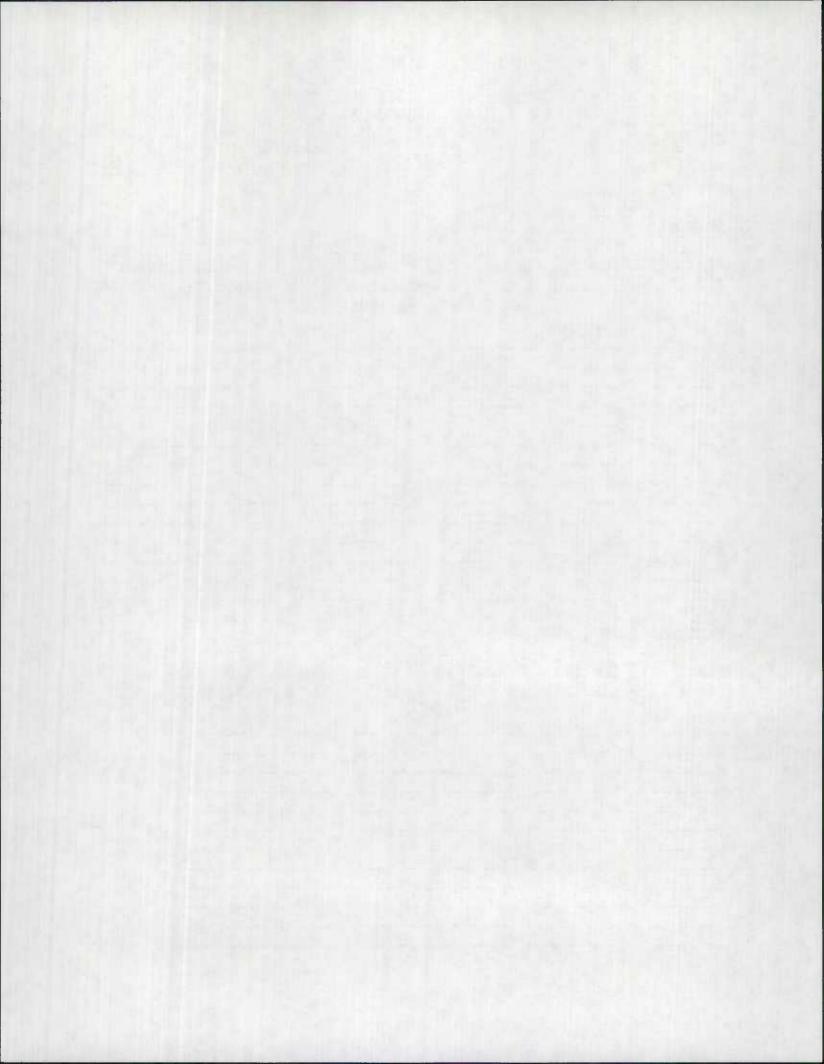
Sample No:					ing Mile Pt: ing Mile Pt:	
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)			Central Ordi. Ler (/100ft	ngth	Length of Curve in(x.	
Vertical C Start Pt. (in ft.)	End Pt.	tion Gradient	Percent		h of Curve	



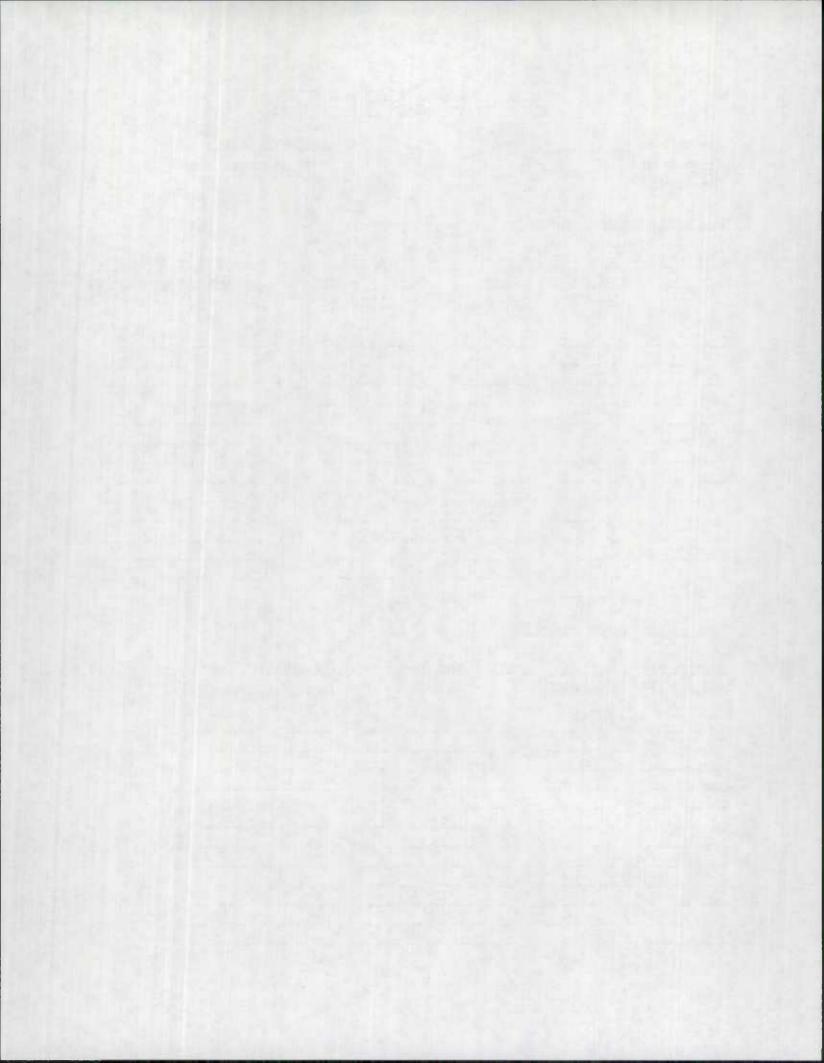
Route No:_ Sample No: County:		Starting Mile Pt: Ending Mile Pt:				
<u>Horzontal</u>	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Ler (/100ft	ngth	Length of Curve in(x	
Vertical C	Curve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)		Percent		of Curve	



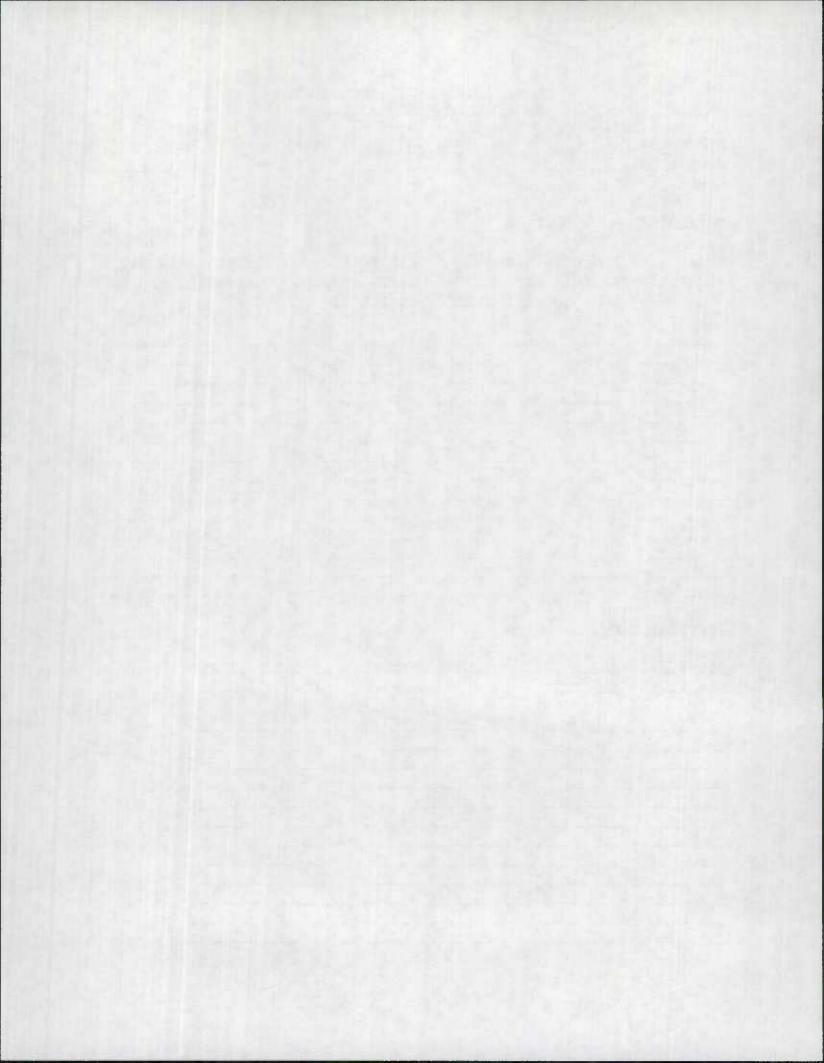
Sample No: County:					ng Mile Pt:	
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth		.xxmile)
Vertical C Start Pt. (in ft.)	End Pt.	Gradient	Percent	 Length	of Curve xx miles)	



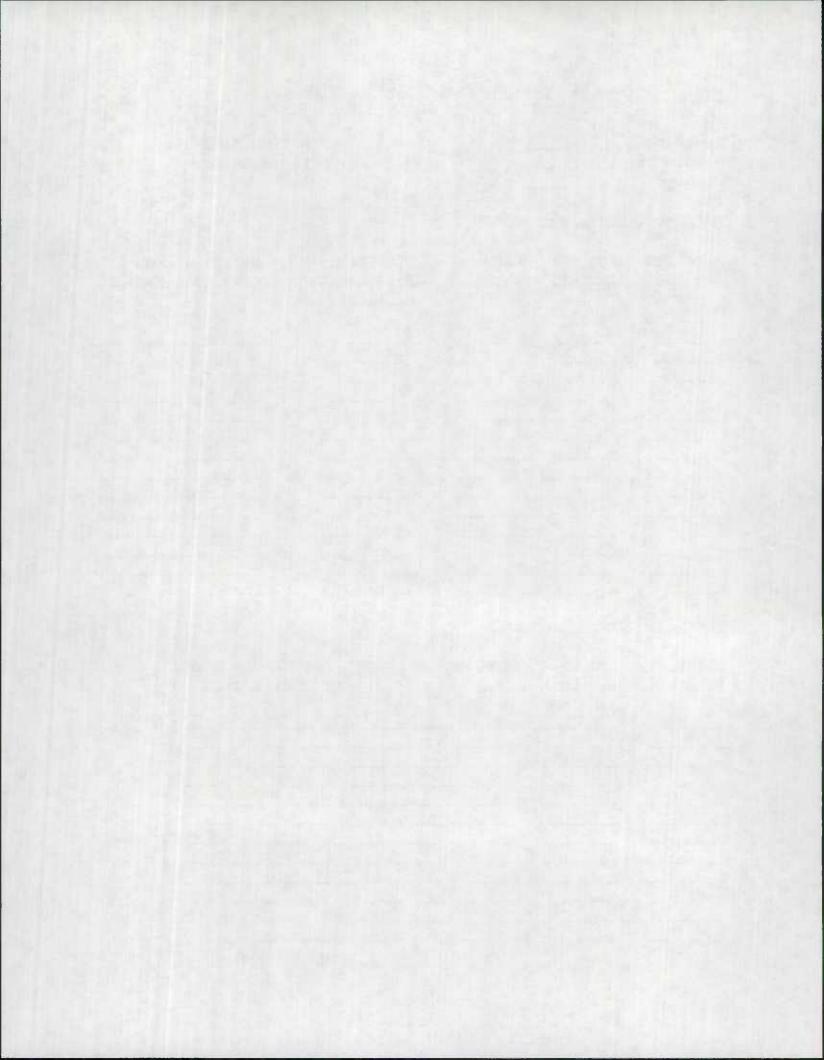
Route No:_ Sample No: County:		5 5 5 July	Starting Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth Cu	ength of To	
Vertical C	urve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	<u>Gradient</u>	Percent	Length c		



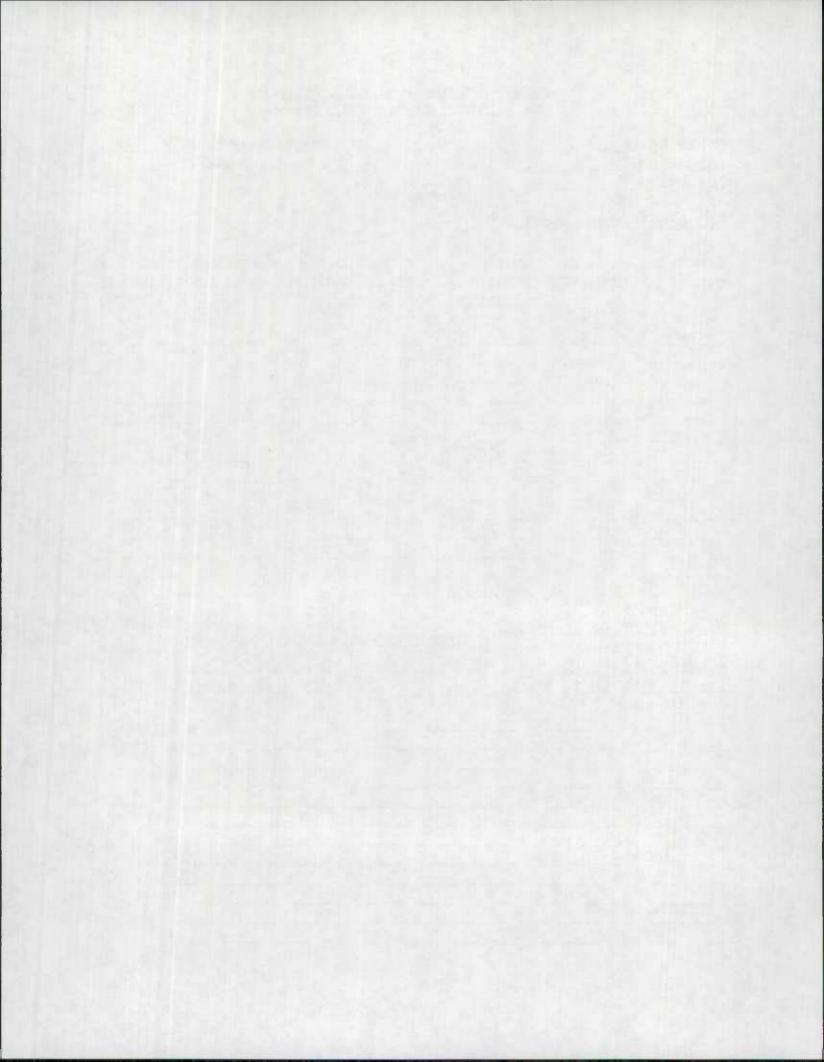
Route No:_ Sample No: County:			Starting Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth Cu	ength of To	
Vertical C	urve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent	Length of		



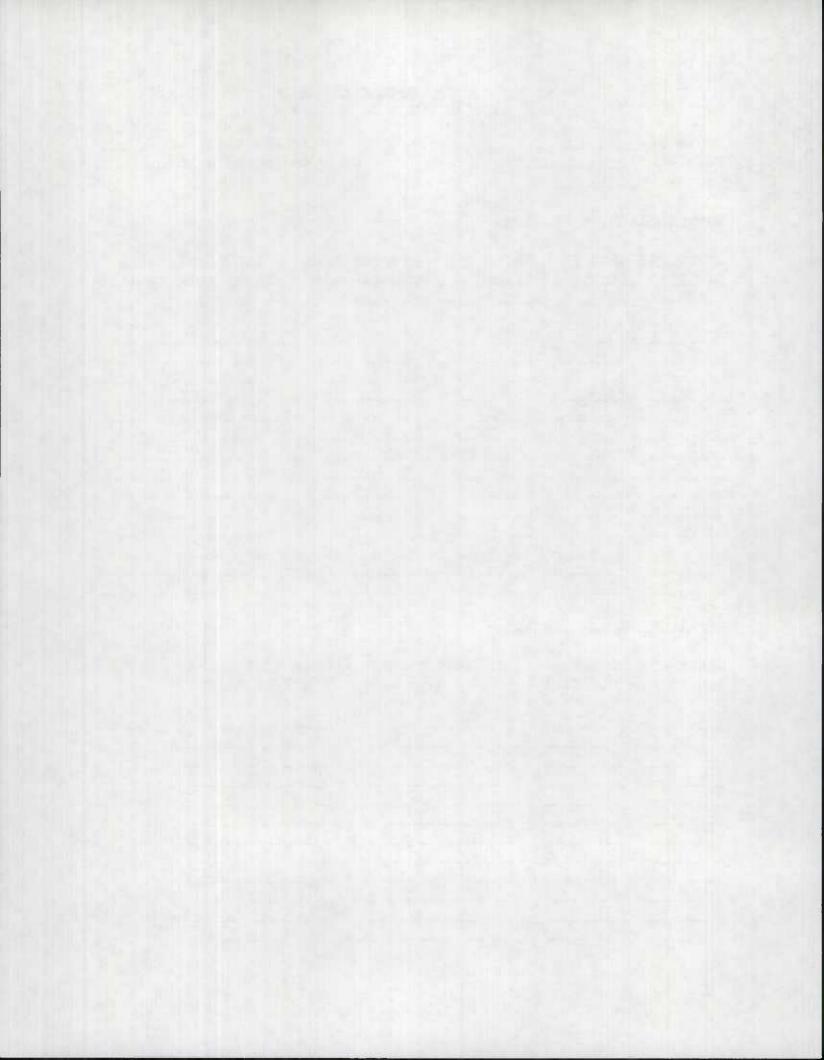
Route No:				Starting Mile Pt:			
Sample No:				Ending Mile Pt:			
County:							
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth Cu	ength of Tot		
Vertical C	urve Sect	tion					
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent	Length o			



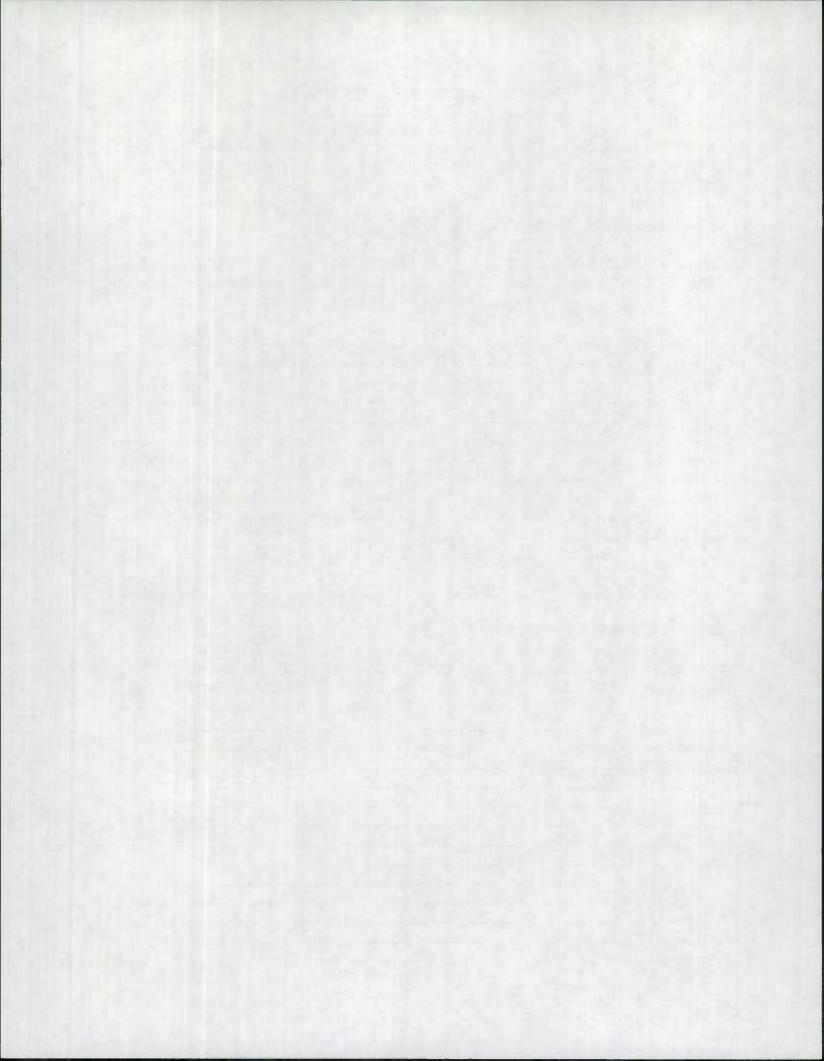
Route No:_ Sample No: County:		Ending Mile Pt:				
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)			Central Ordi. Len (/100ft	gth	Length of Curve in(x.	
Vertical C	curve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent		of Curve	



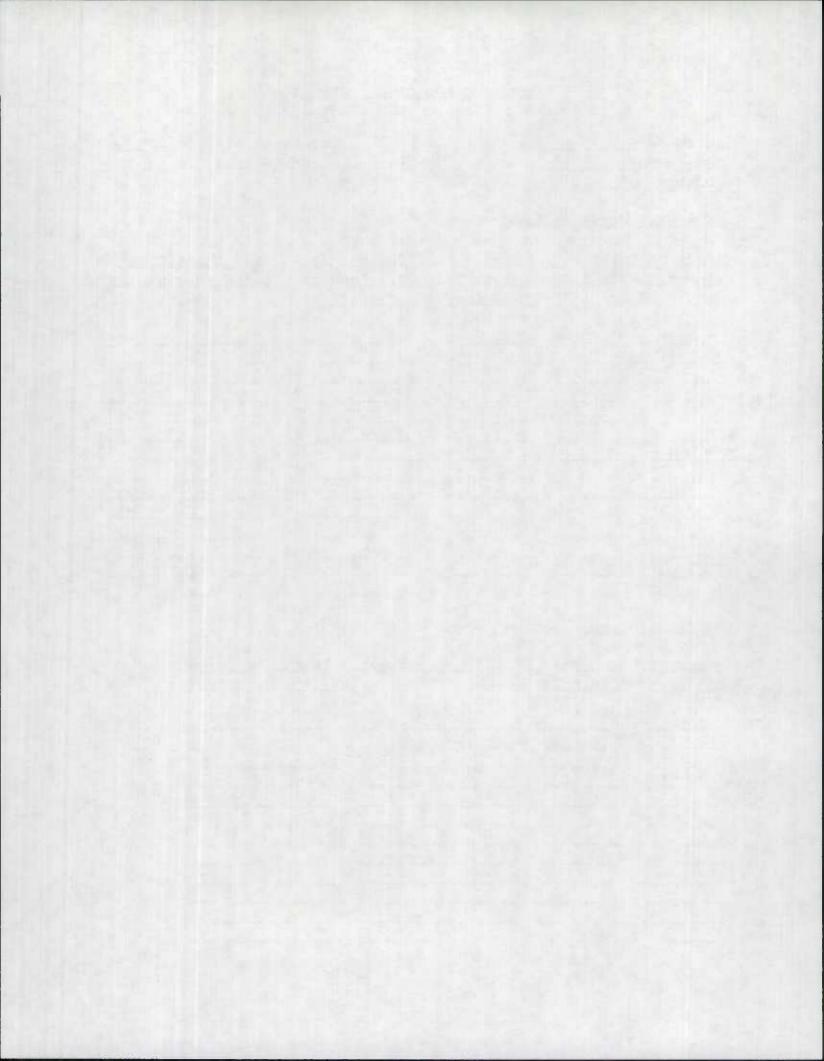
Route No: Sample No: County:				Starting Mile Pt: Ending Mile Pt:		
Horzontal						
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	ngth	Length of Curve in(x.	
Vertical C	curve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)		Percent		of Curve xx miles)	



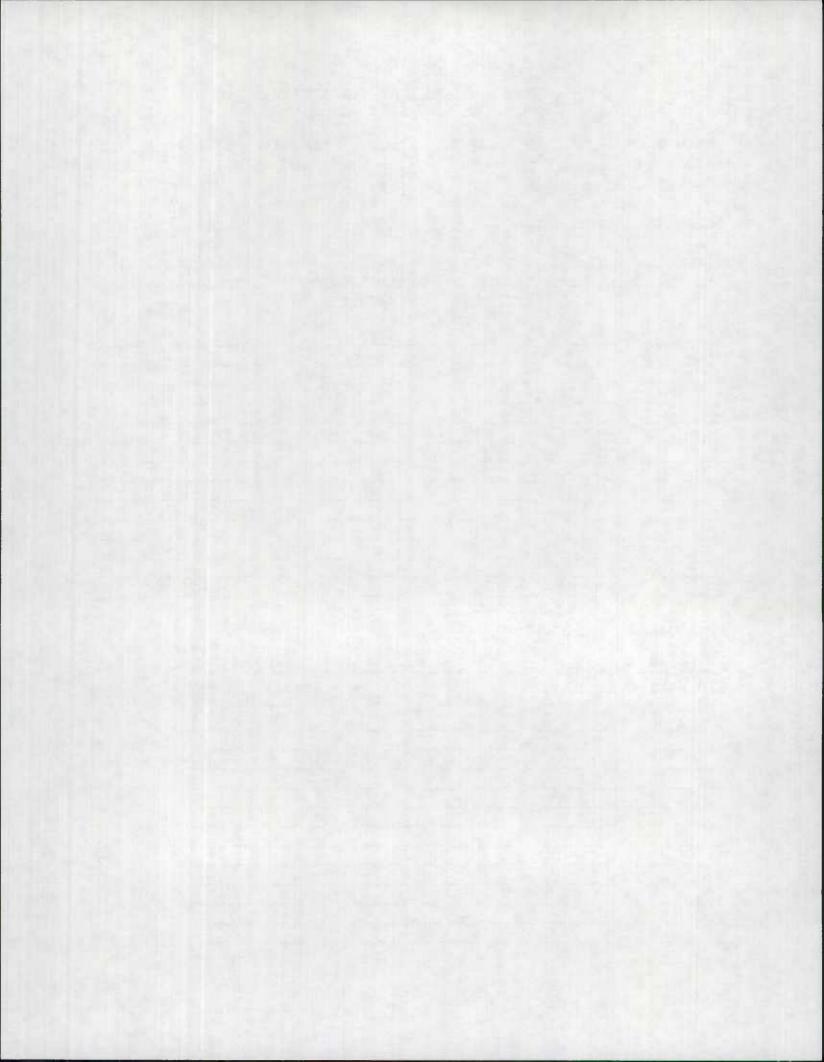
Route No:_ Sample No: County:			Starting Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth C	Length of urve in(x.	
Vertical C	curve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent		of Curve x miles)	



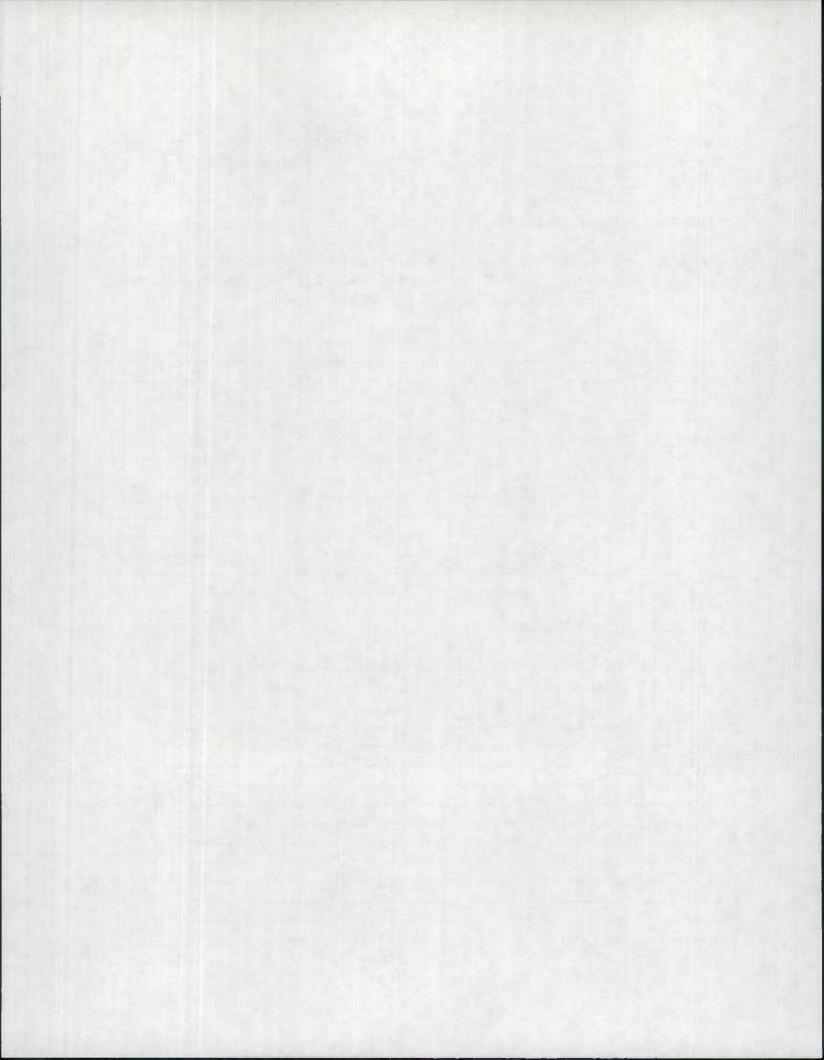
Route No:				Starting Mile Pt:			
Sample No:				Ending Mile Pt:			
County:							
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)			Central Ordi. Len (/100ft	gth Cur	ngth of Total ve in(x.xxmile)		
Vertical Constant Pt. (in ft.)	End Pt.		Percent	Length of			



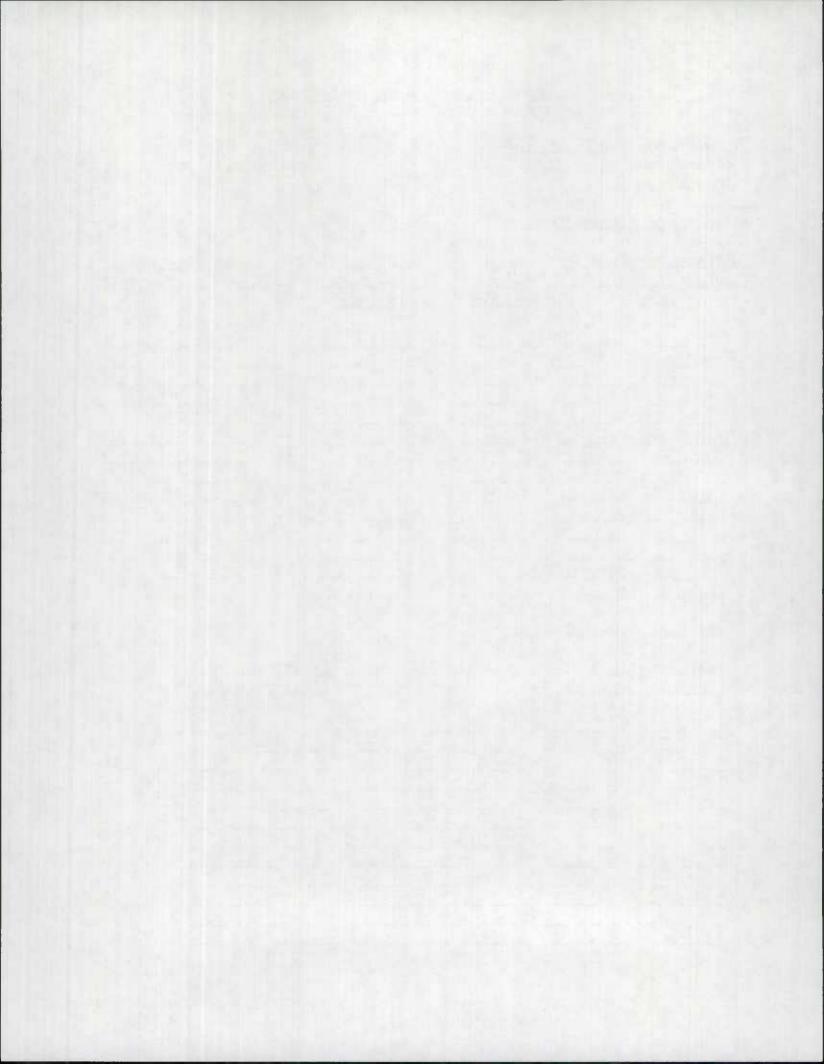
Route No: Sample No: County:			Starting Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	ngth	Length of Curve in(x	
Vertical C	curve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)		Percent		of Curve	



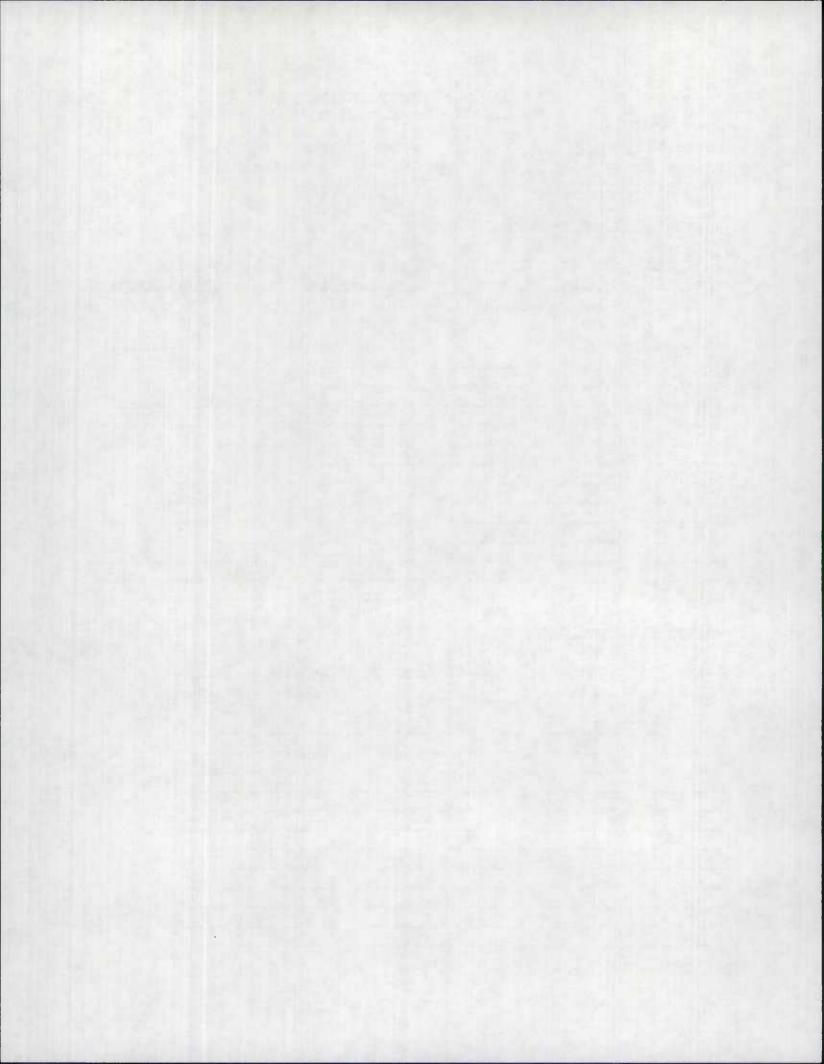
Route No:				Starting Mile Pt: Ending Mile Pt:		
County:				Enaing	, mile rc	
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Ler (/100ft	ngth Cu	Length of To	
Vertical C Start Pt. (in ft.)	End Pt.	Gradient	Percent	Length o		



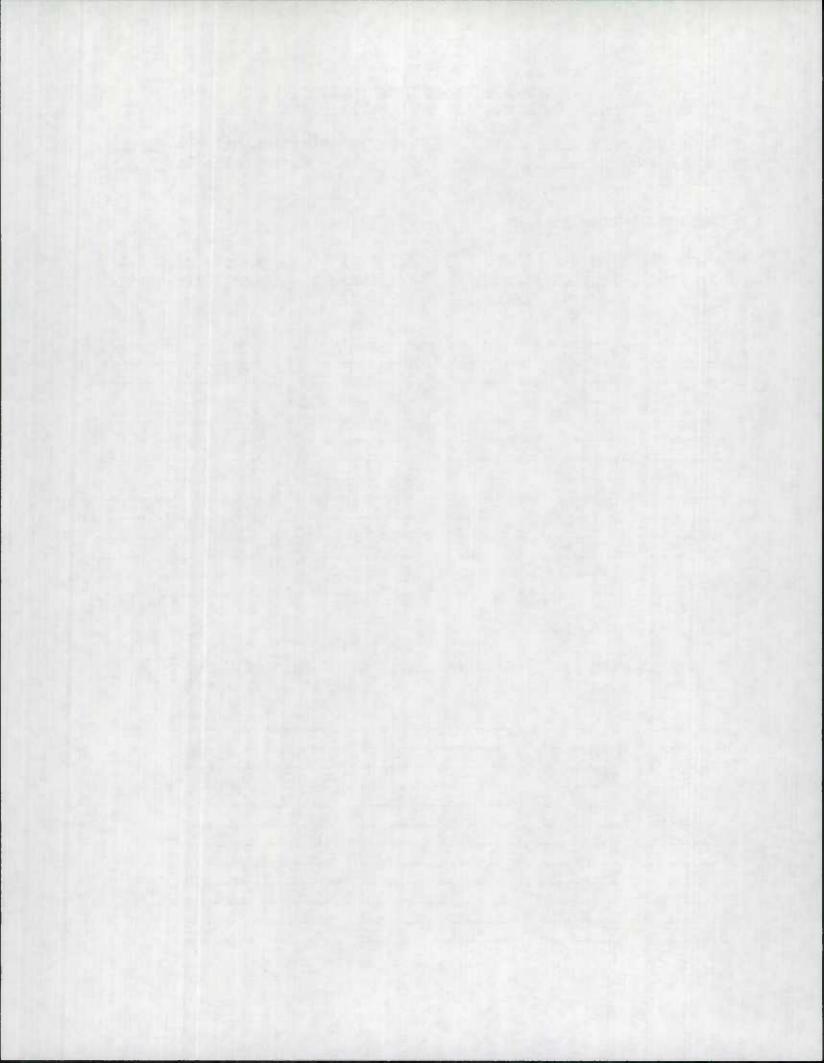
Sample No: County:			Starting Mile Pt: Ending Mile Pt:		
Horzontal Curve Se	ection				
Start Pt. End Pt. (in ft.) (in ft.)	length Or	Central di. Length (/100ft)	Length of Total Curve in(x.xxmile)		
	ection Gradient Pe		th of Curve		
(in ft.) (in ft.		(in s	x.xx miles)		



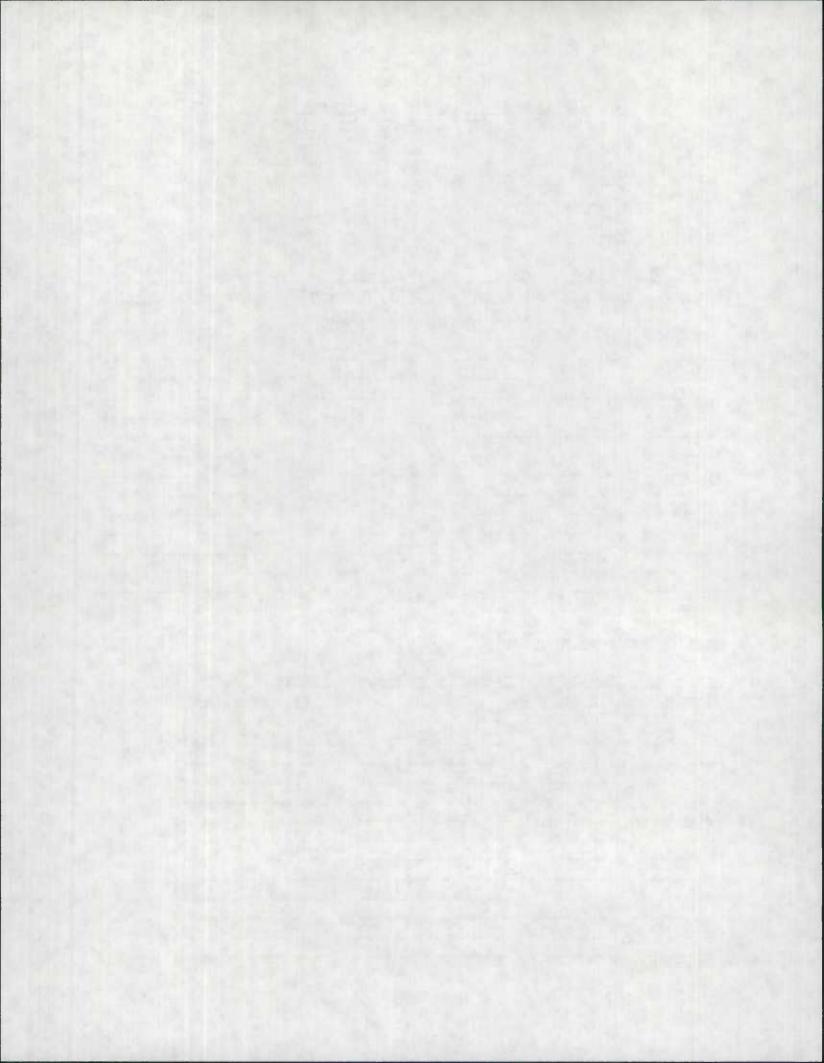
Sample No: County:		Starting Mile Pt: Ending Mile Pt:		
Horzontal Curve S	ection			
Start Pt. End Pt (in ft.) (in ft.				
Vertical Curve Se	<u>ection</u>			
Start Pt. End Pt (in ft.)		Length of Curve (in x.xx miles)		



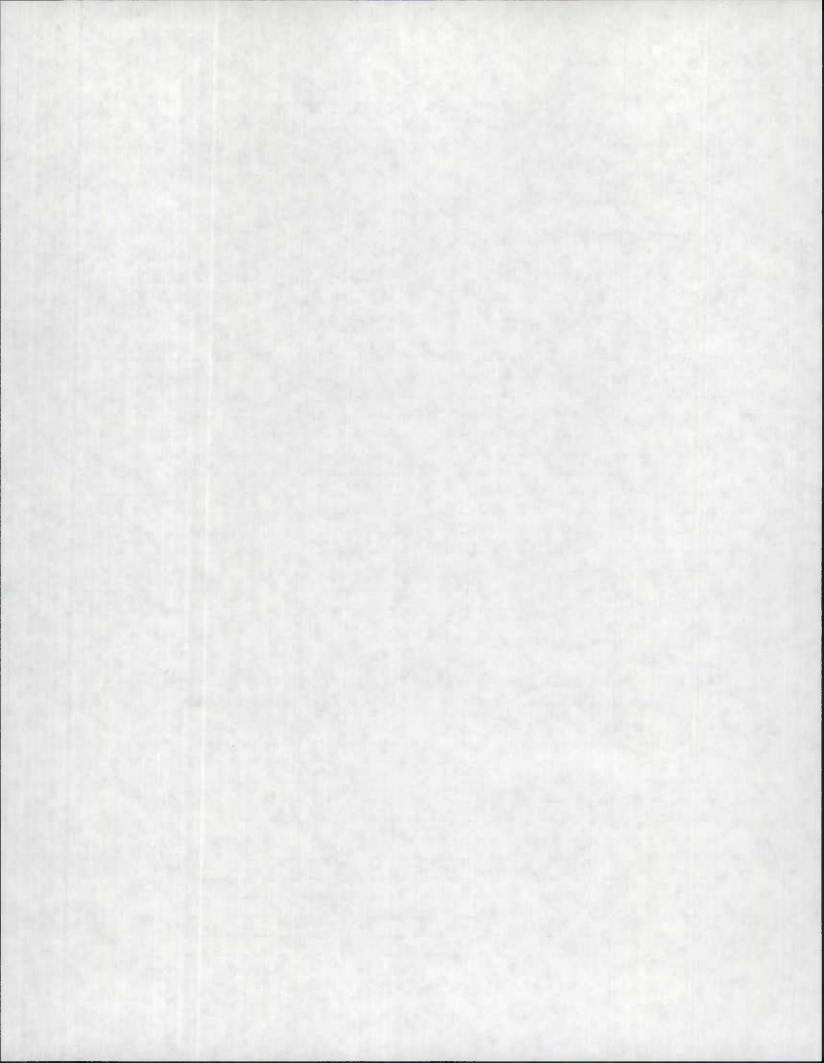
Route No:_ Sample No: County:			Ending Mile Pt:		
Horzontal	Curve Sec	tion			
Start Pt. (in ft.)			Central Ordi. Len (/100ft	gth Curve	th of Total in(x.xxmile)
Vertical C Start Pt. (in ft.)	End Pt.		Percent	Length of Cu	



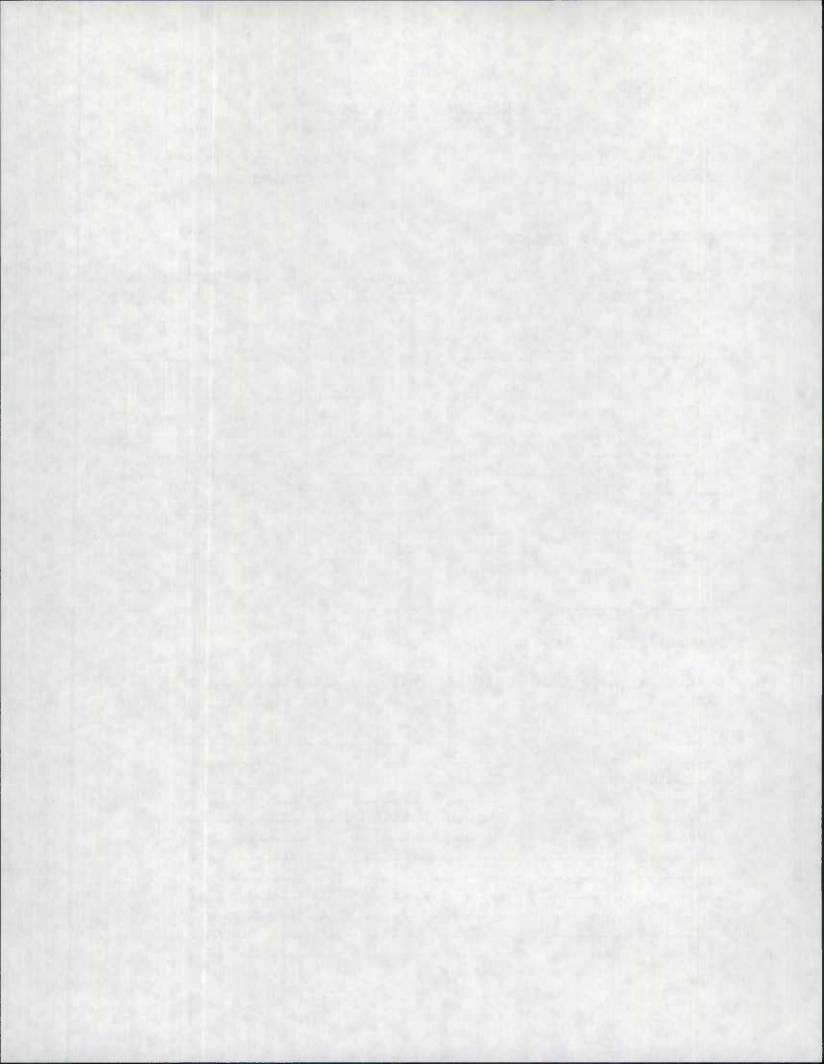
Route No:_ Sample No: County:			Starting Mile Pt: Ending Mile Pt:			
<u>Horzontal</u>	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Ler (/100ft	ngth	Length of Curve in(x.	xxmile)
Vertical Constant Pt.		tion Gradient	Percent		h of Curve	



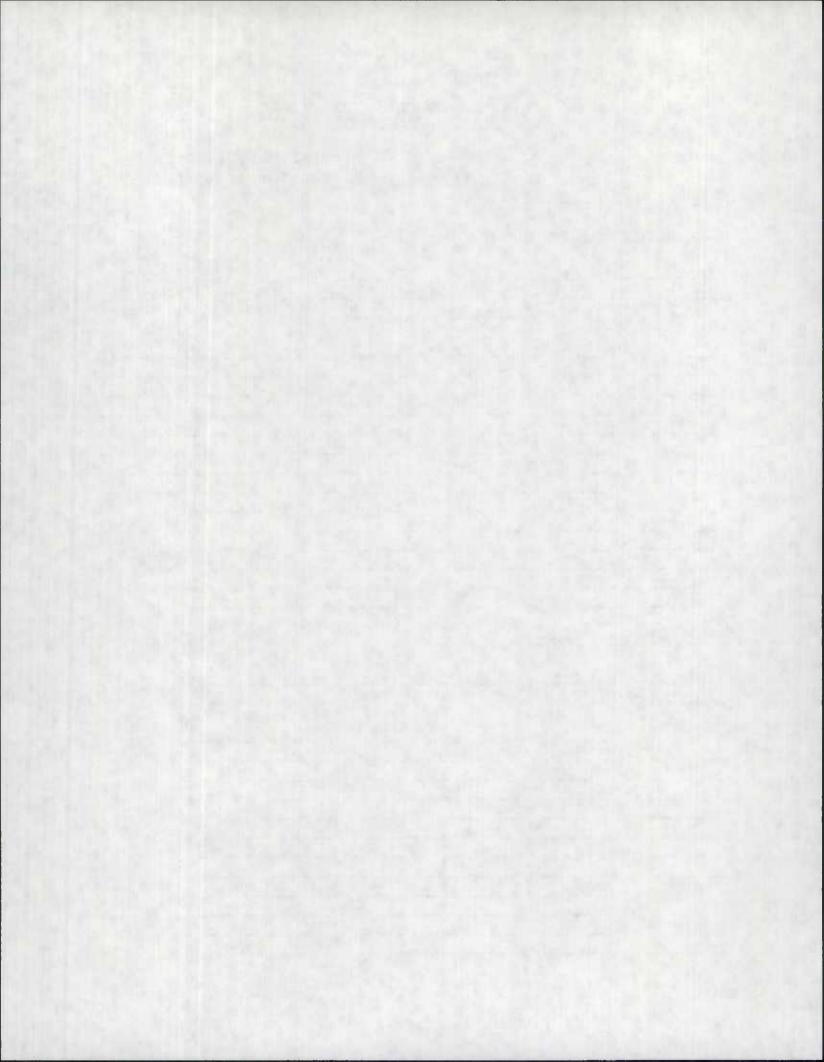
Sample No: County:			Starting Mile Pt: Ending Mile Pt:			
<u>Horzontal</u>	Curve Sec	tion		•		
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth Cu	ength of trve in(x.)	
					70.00	
Vertical C	urve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent	Length o		



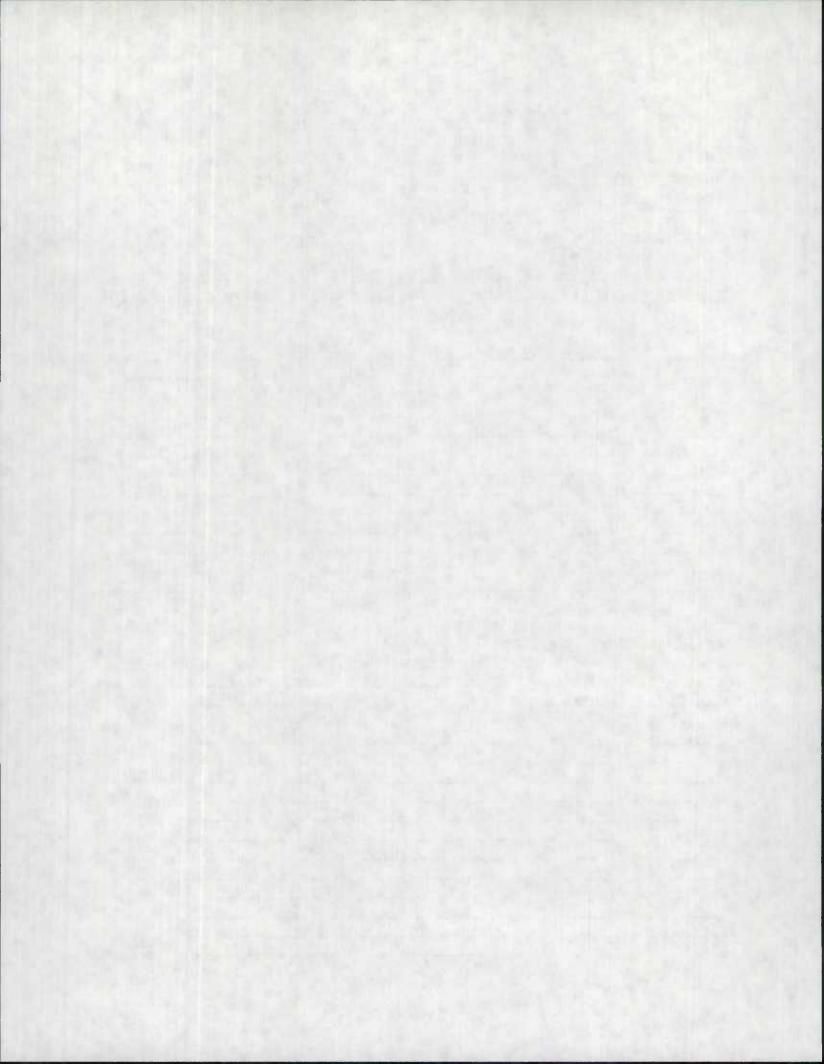
Sample No: County:			Starting Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	ngth	Length of	
Vertical C		tion Gradient	Percent	Lengt)	h of Curve	
(in ft.)	(in ft.)				.xx miles)	



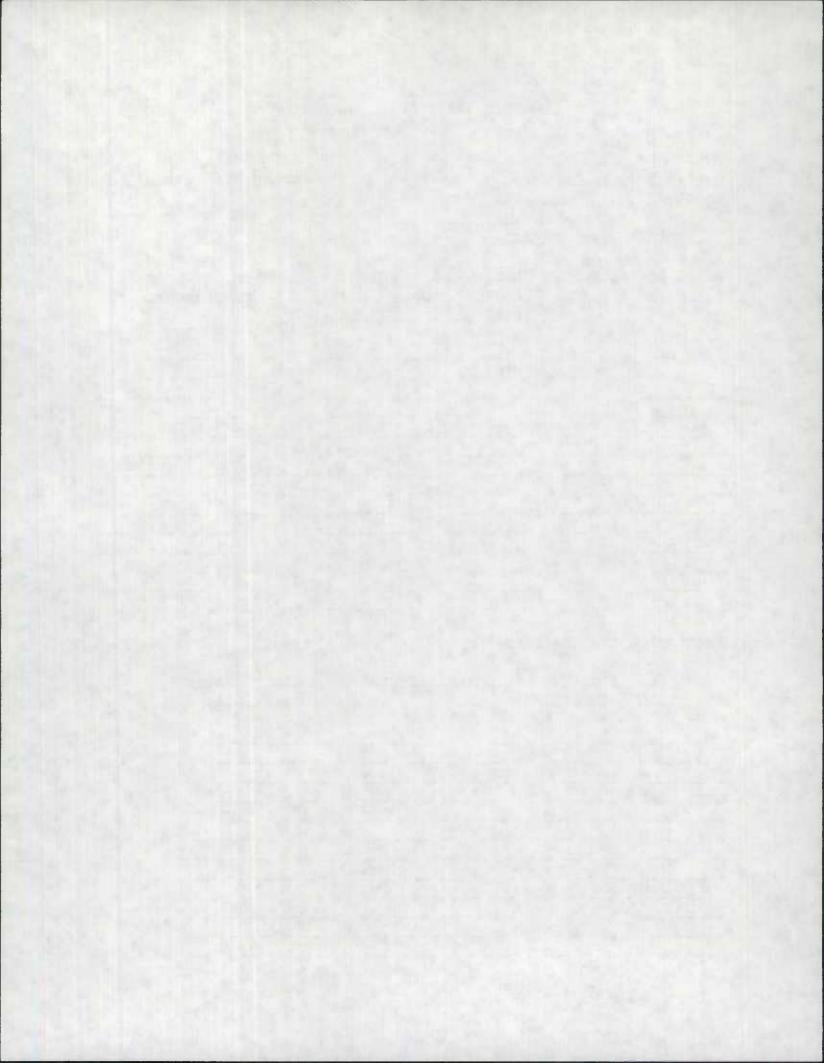
Sample No: County:					y Mile Pt:_ y Mile Pt:_	
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth Ci	ength of T rve in(x.x	
Vertical C	urve Sec	tion				
Start Pt. (in ft.)		<u>Gradient</u>	Percent	Length (in x.x)		



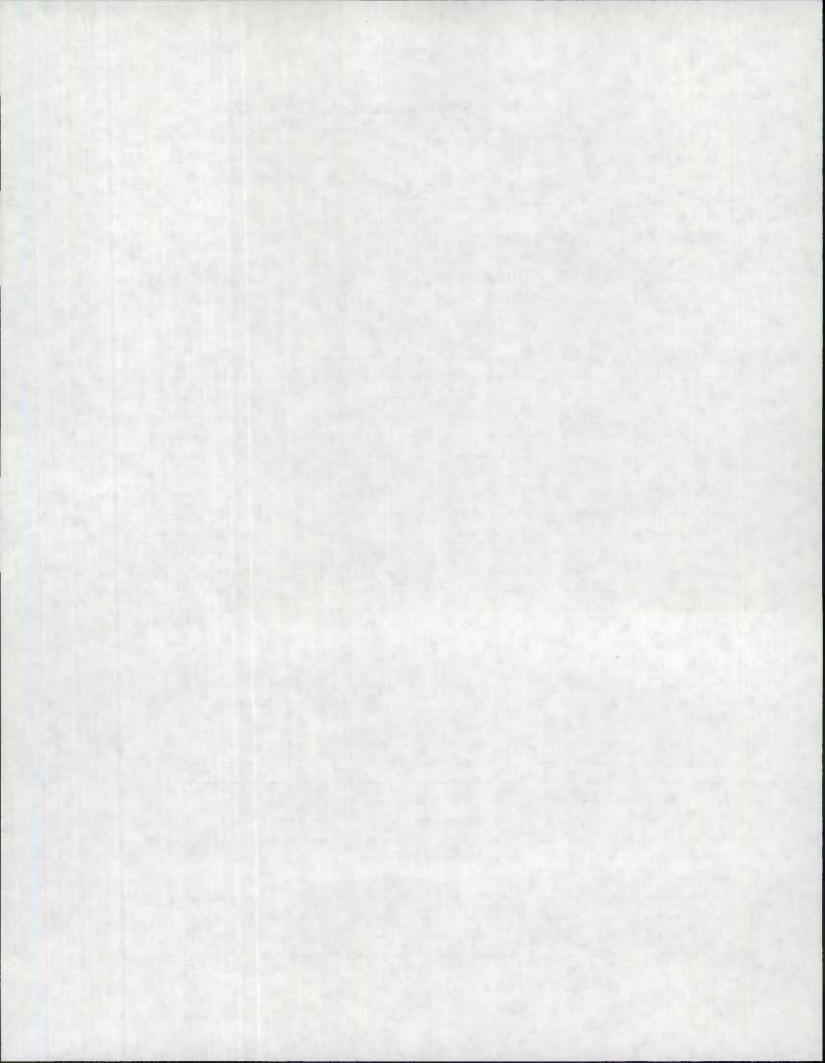
Sample No: County:			Starting Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth	Length of	
Vertical C	urve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent		of Curve	



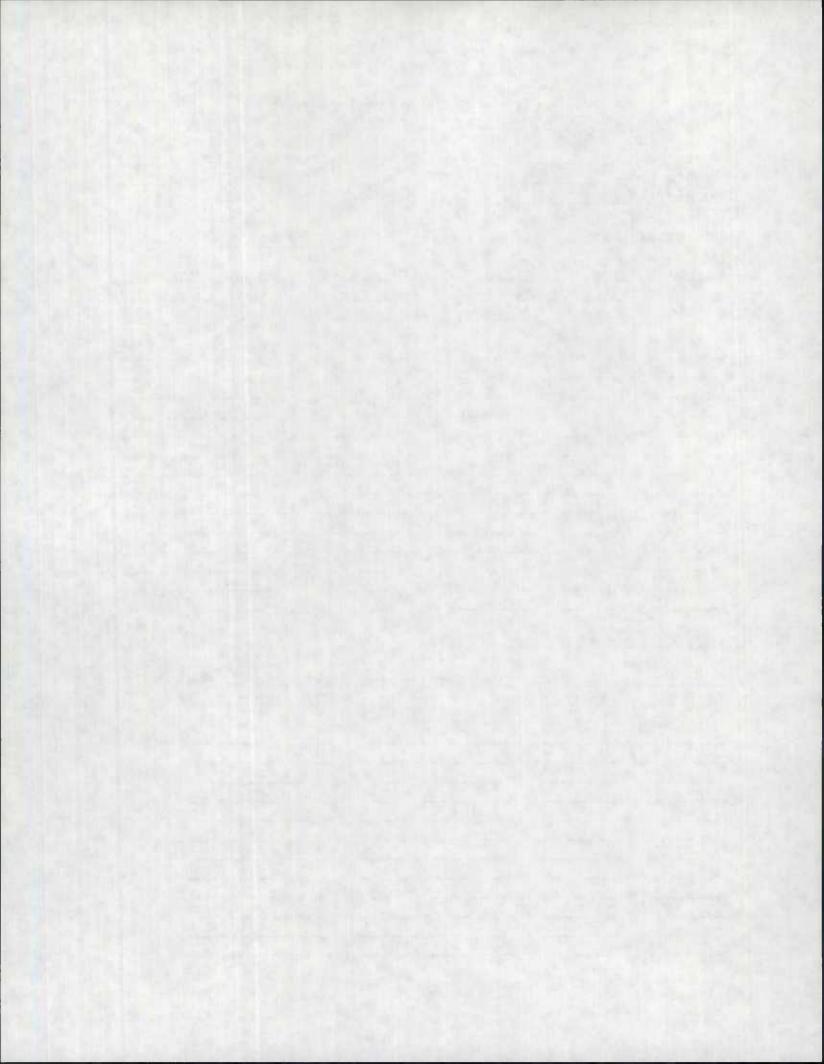
Sample No: County:			Starting Mile Pt: Ending Mile Pt:		
Horzontal	Curve Sec	tion		•	
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth Curve in	of Total (x.xxmile)
Vertical C			Parcent		
(in ft.)	(in ft.)	Gradient	Percenc	Length of Curv (in x.xx miles	



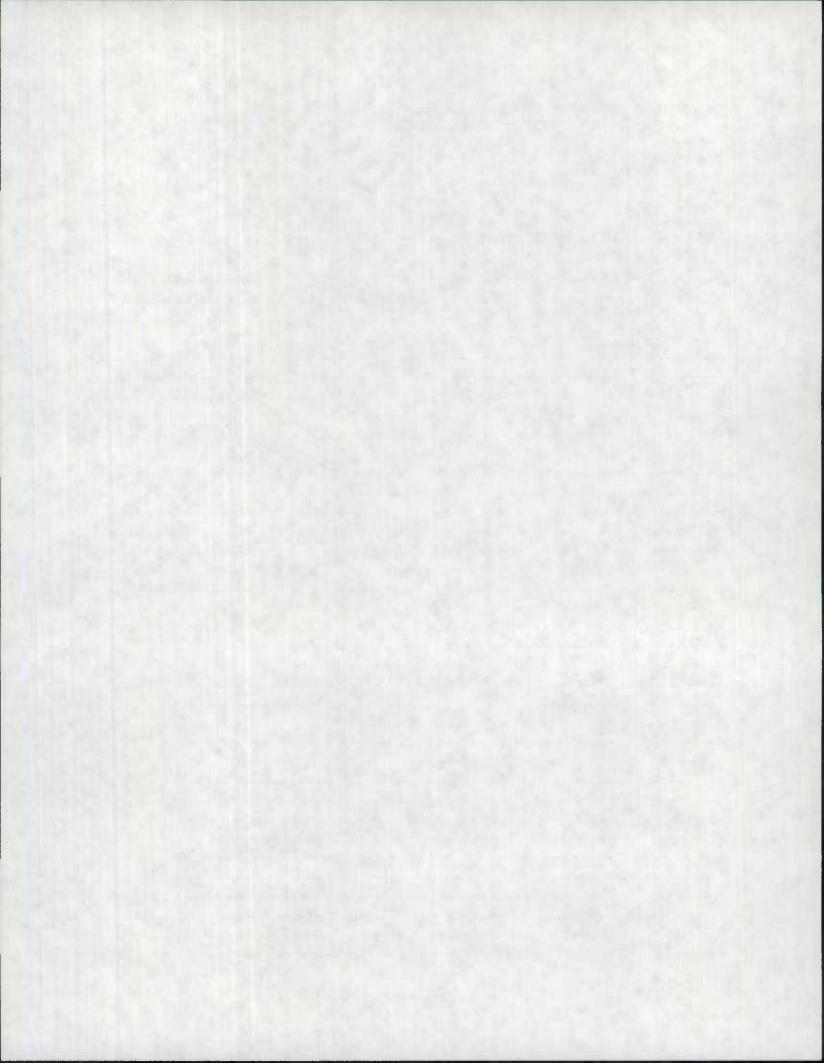
Route No:_ Sample No: County:				Starting Mile P Ending Mile P	
<u>Horzontal</u>	Curve Sec	tion			
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Lend (/100ft)	th Curve in(
Vertical C			Percent	Length of Curve	
(in ft.)	(in ft.)		retoene	(in x.xx miles)	



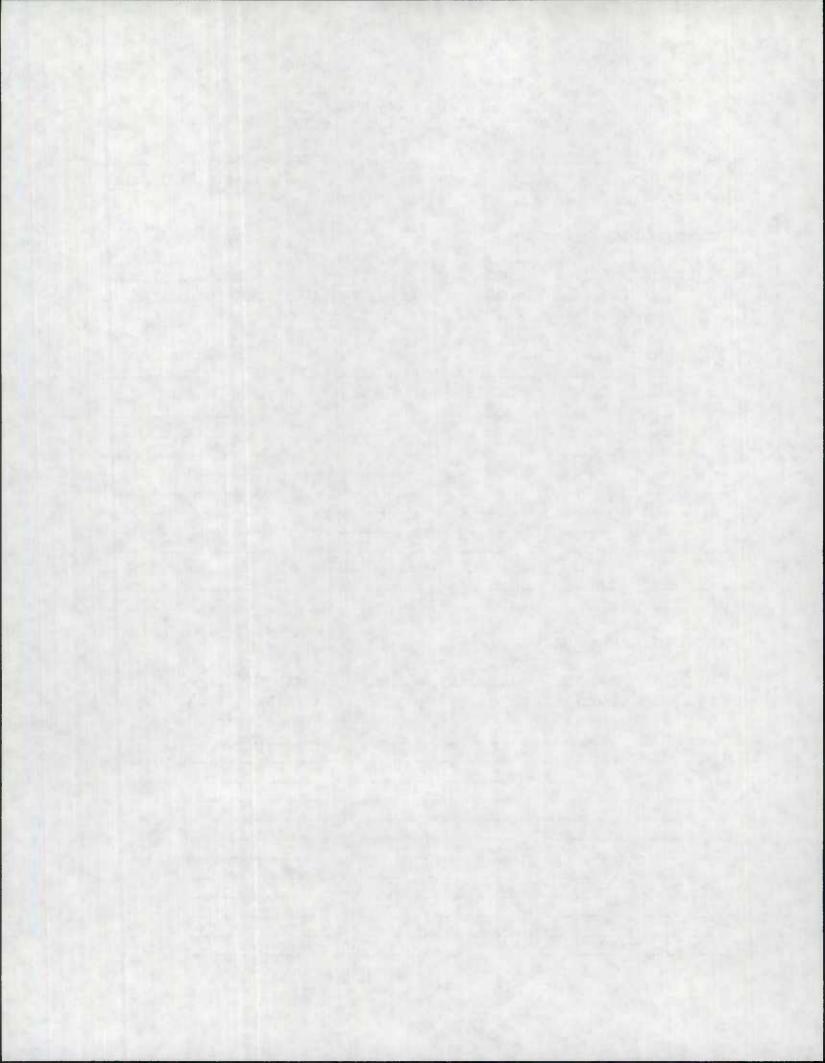
Sample No: County:			Starting Mile Pt: Ending Mile Pt:		
Horzontal	Curve Sec	tion			
Start Pt. (in ft.)			Central Ordi. Lenc (/100ft)	th Curve	th of Total in(x.xxmile)
Vertical C					
(in ft.)		<u>Gradient</u>	<u>Percent</u>	Length of Co	



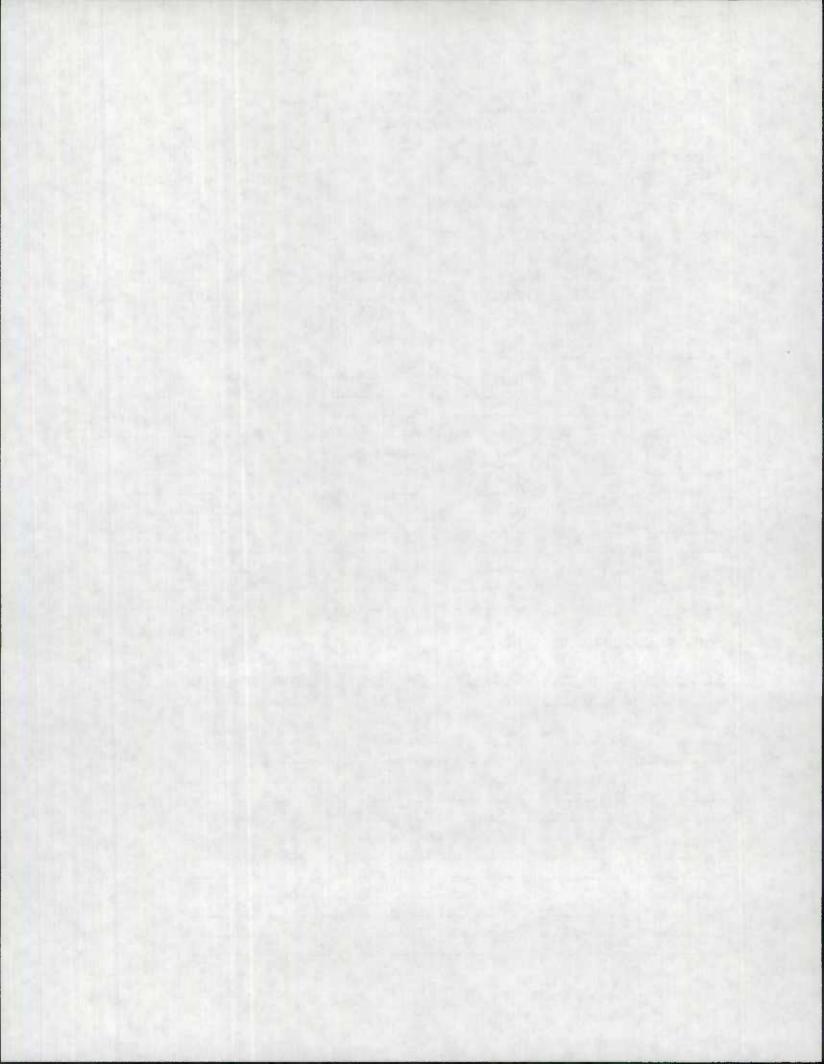
Sample No: County:		Starting Mile Pt: Ending Mile Pt:		
Horzontal Curve	Section			
Start Pt. End P (in ft.) (in ft		Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)	
Vertical Curve Start Pt. End P (in ft.) (in f	t. Gradient		th of Curve	



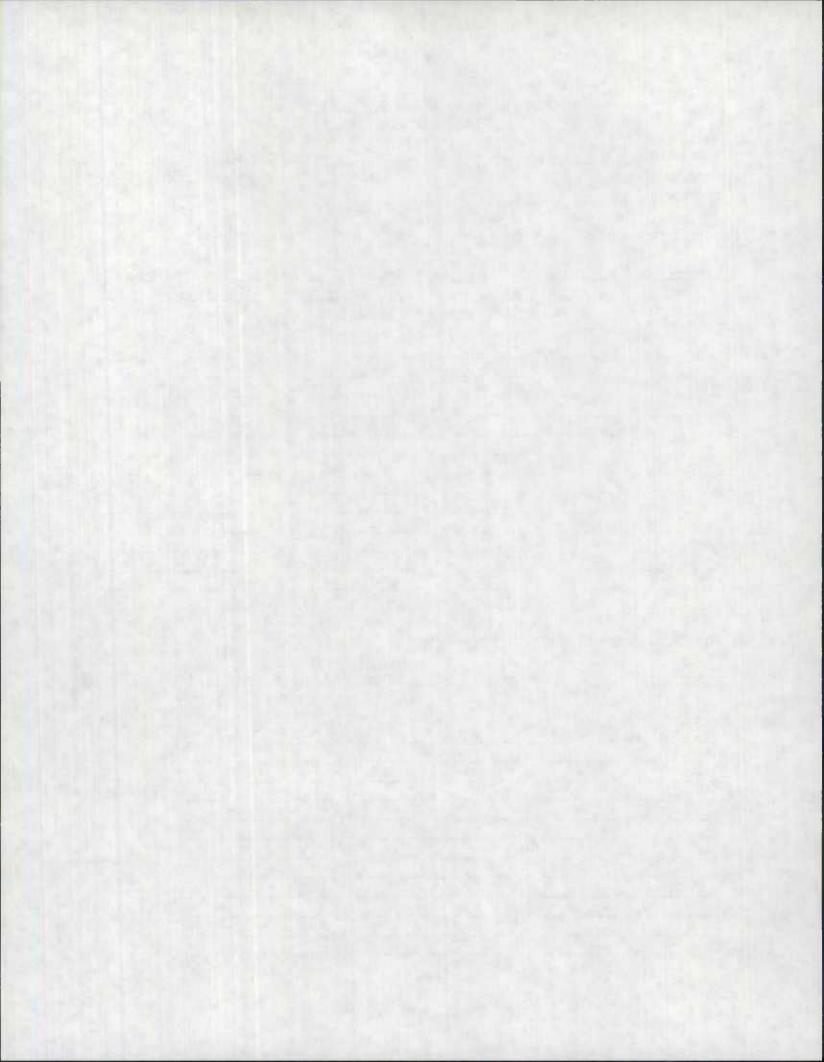
Sample No: County:			Starting Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	<u>gth</u> <u>C</u>	Length of Curve in(x.	xxmile)
Vertical Constant Pt. (in ft.)		tion Gradient	Percent		of Curve	



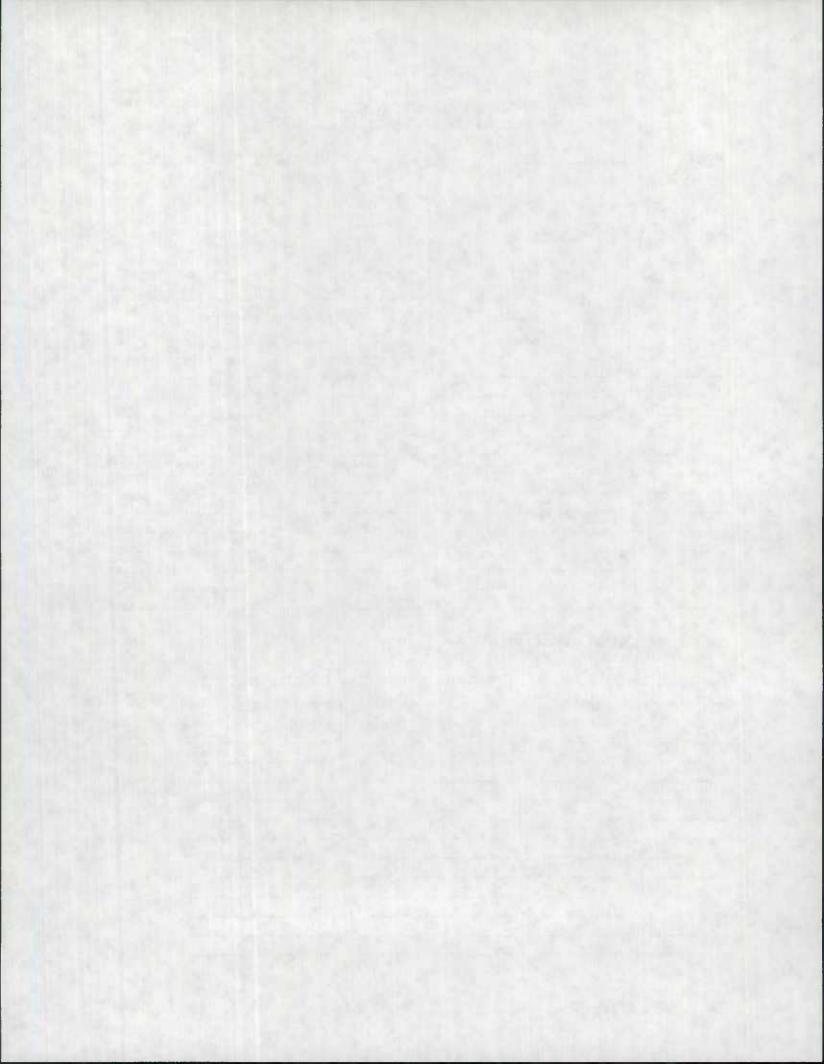
Route No: Sample No: County:					Mile Pt: Mile Pt:	
Horzontal Cur	ve Secti	ion				
Start Pt. Er (in ft.) (ir	1 ft.)]	Chord Length (//100ft)	Central Ordi. Leng (/100ft)	rth Cu	Length of arve in(x.	
Vertical Curv	ve Secti	ion				
Start Pt. Er (in ft.) (i		Gradient	Percent	Length of (in x.xx		



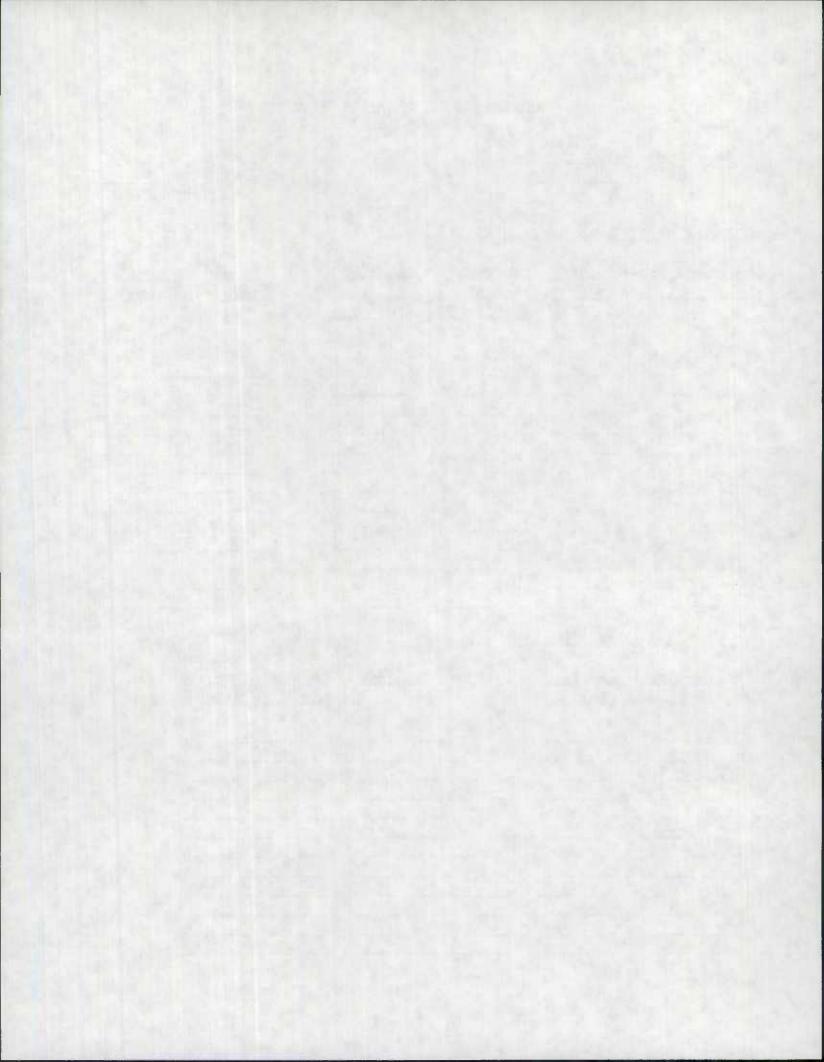
Sample No: County:				Ending Mile Pt:
Horzontal Curv	ve Sect	ion		
Start Pt. End (in ft.) (in	ft.)	Chord length O (/100ft)	Central rdi. Length (/100ft)	
		ion Gradient P		ngth of Curve n x.xx miles)



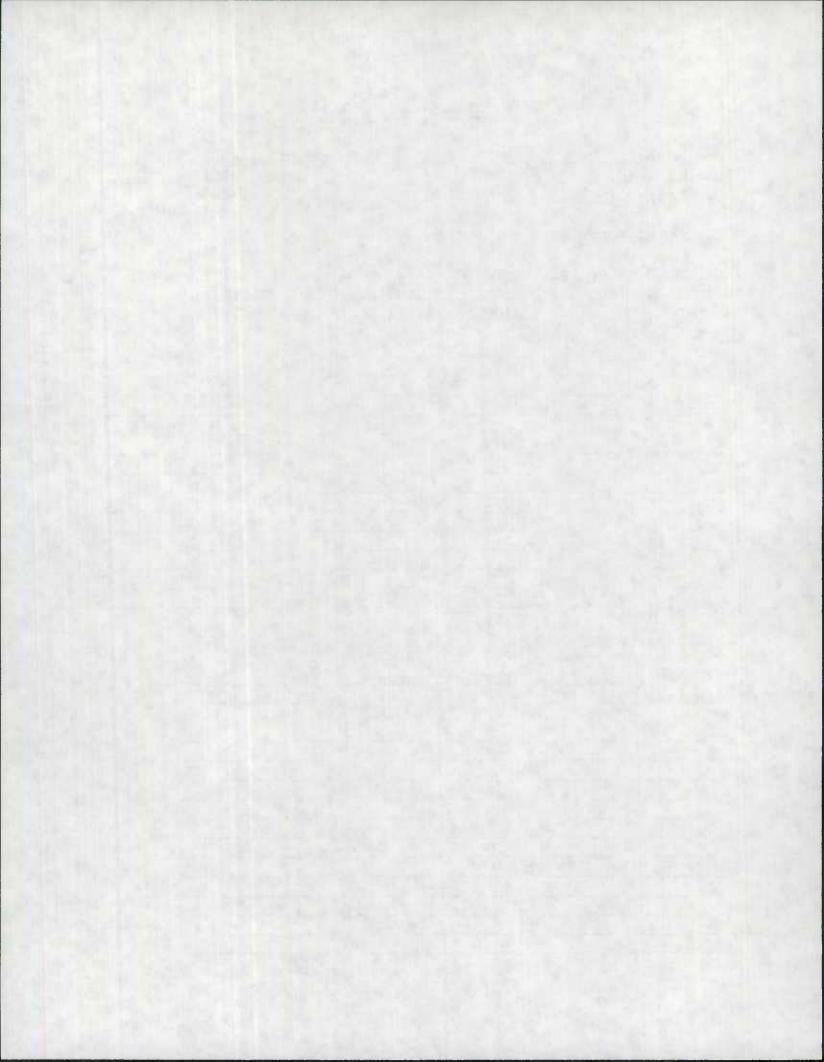
Route No: Sample No: County:			Starting Mile Pt: Ending Mile Pt:				
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Ler (/100ft	ngth C	Length of urve in(x.		
Vertical Constant Pt. (in ft.)		tion Gradient	Percent	Length	of Curve x miles)		



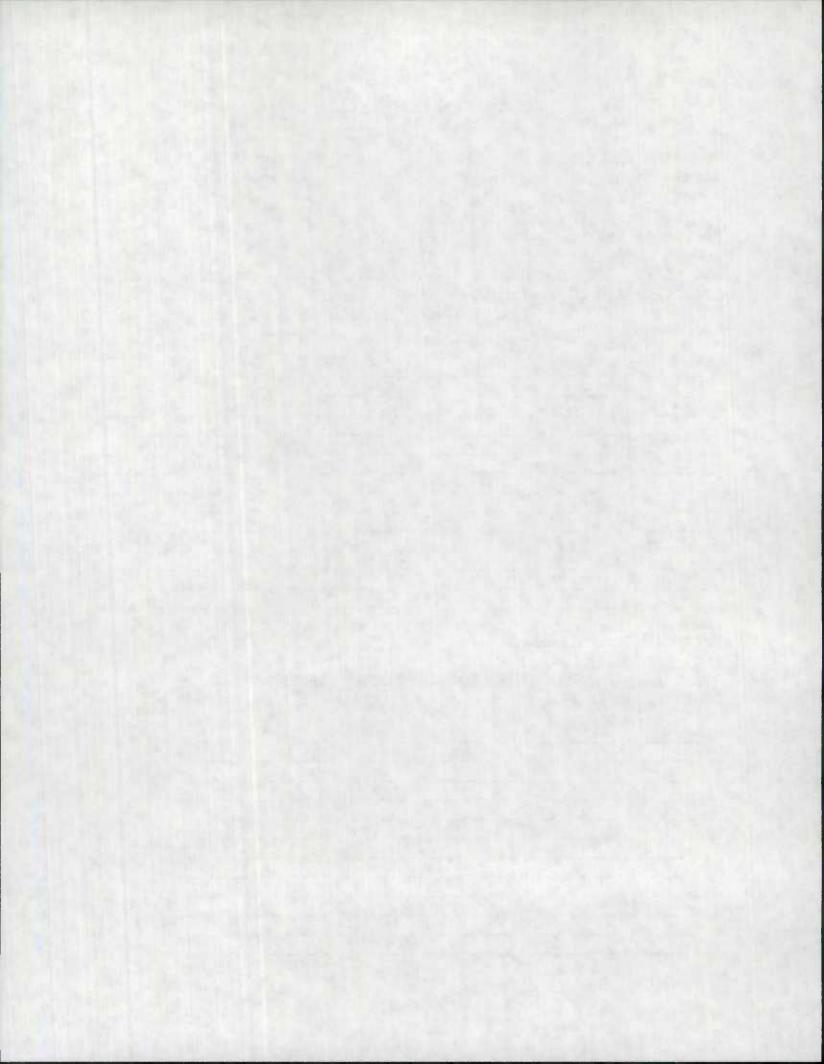
Sample No: County:		Starting Mile Pt: Ending Mile Pt:				
Horzontal Curve	Section					
Start Pt. End F (in ft.) (in ft		Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)			
Vertical Curve Start Pt. End F (in ft.) (in f	ct. Gradient		ch of Curve			



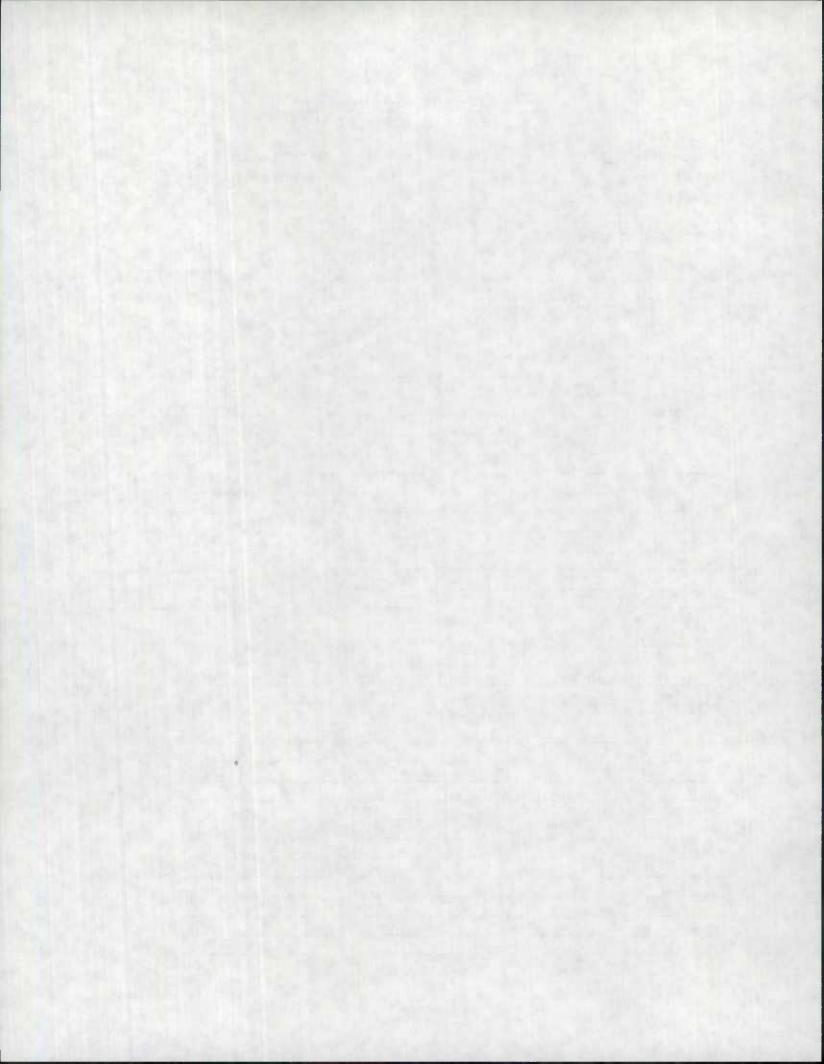
Sample No: County:				Ending Mile Pt:			
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Lengt				
Vertical C	urve Sec	<u>tion</u>					
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient		Length of Curve (in x.xx miles)			



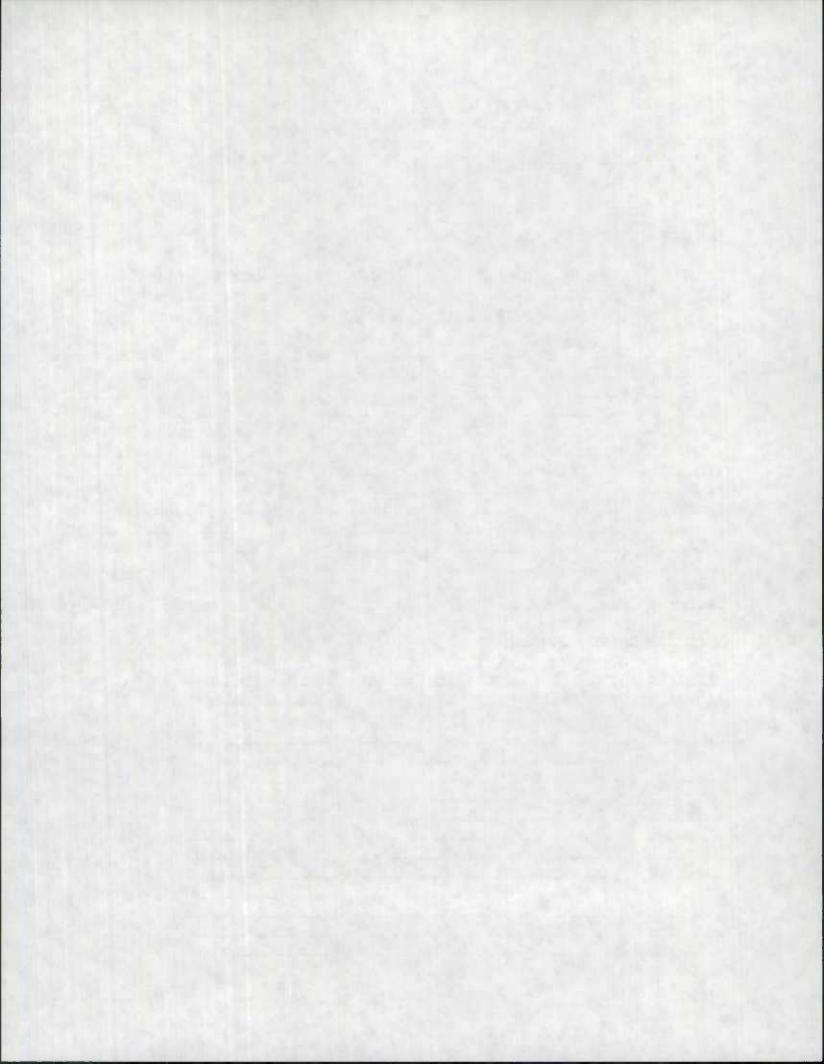
Sample No: County:				Ending Mile Pt:			
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)	End Pt. (in ft.)		Central Ordi. Len (/100ft	gth C	Length of urve in(x.	xxmile)	
Vertical Constant Pt. (in ft.)		Gradient	Percent	Length (of Curve x miles)		



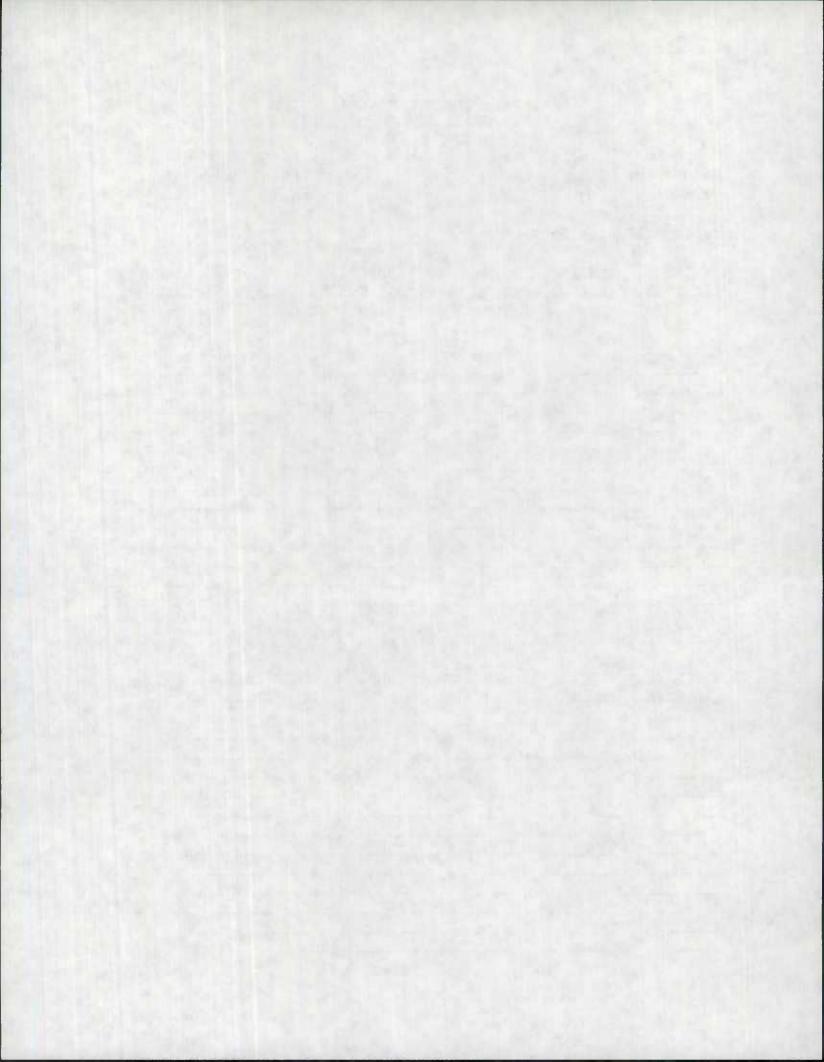
Sample No: County:			Ending Mile Pt:			
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Leng (/100ft	gth Cu	Length of Total	e)
Vertical C	urve Sec	tion				
Start Pt. (in ft.)		Gradient	Percent	Length (in x.xx		



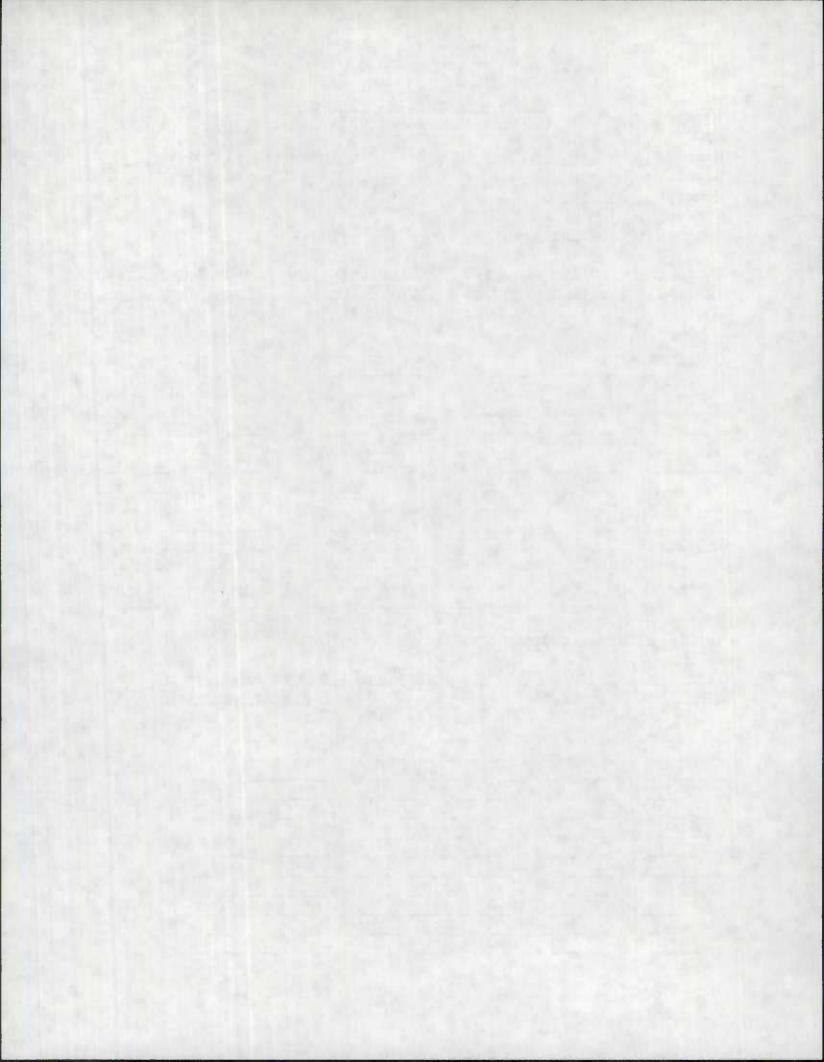
Sample No:					Mile Pt:	
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Len (/100ft	igth Cu	ength of Tota	le)
Start Pt. (in ft.)	End Pt. (in ft.)		Percent	Length o		



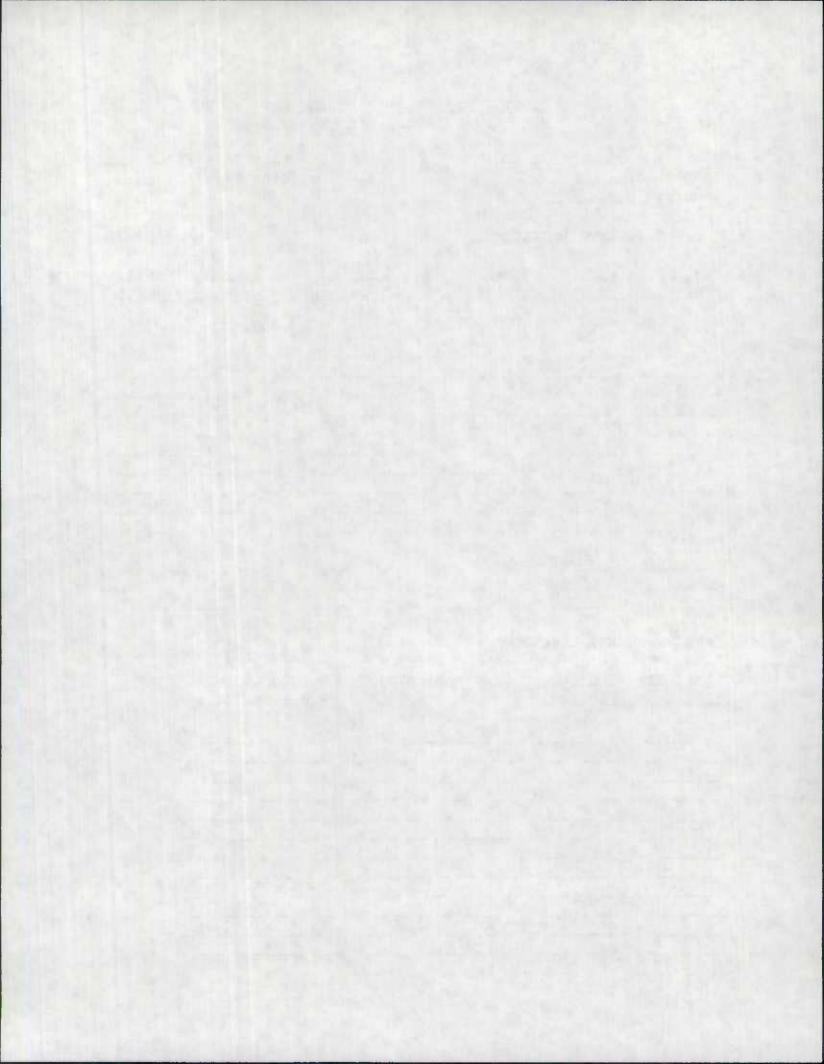
Sample No	:		Starting Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion				
	End Pt. (in ft.)	length (/100ft)	(/100ft	ngth Cu	ength of rrve in(x.)	
	End Pt.	Gradient	Percent	Length o		
(in ft.)	(in ft.)			(in x.xx	miles)	



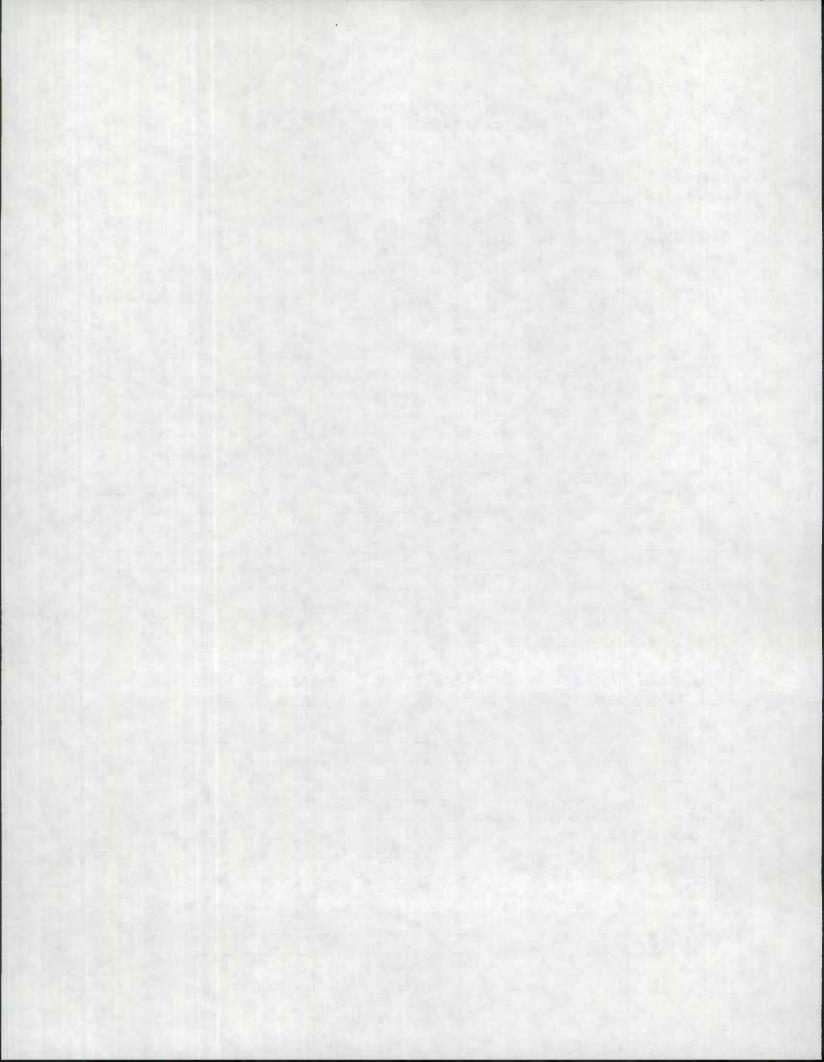
Sample No: County:		Ending Mile Pt:			
Horzontal	Curve Sec	tion			
Start Pt. (in ft.)	End Pt. (in ft.)	Chord length (/100ft)	Central Ordi. Len (/100ft	gth Curve in(x.xxmile	
Vertical C Start Pt. (in ft.)		tion	Percent	Length of Curve (in x.xx miles)	



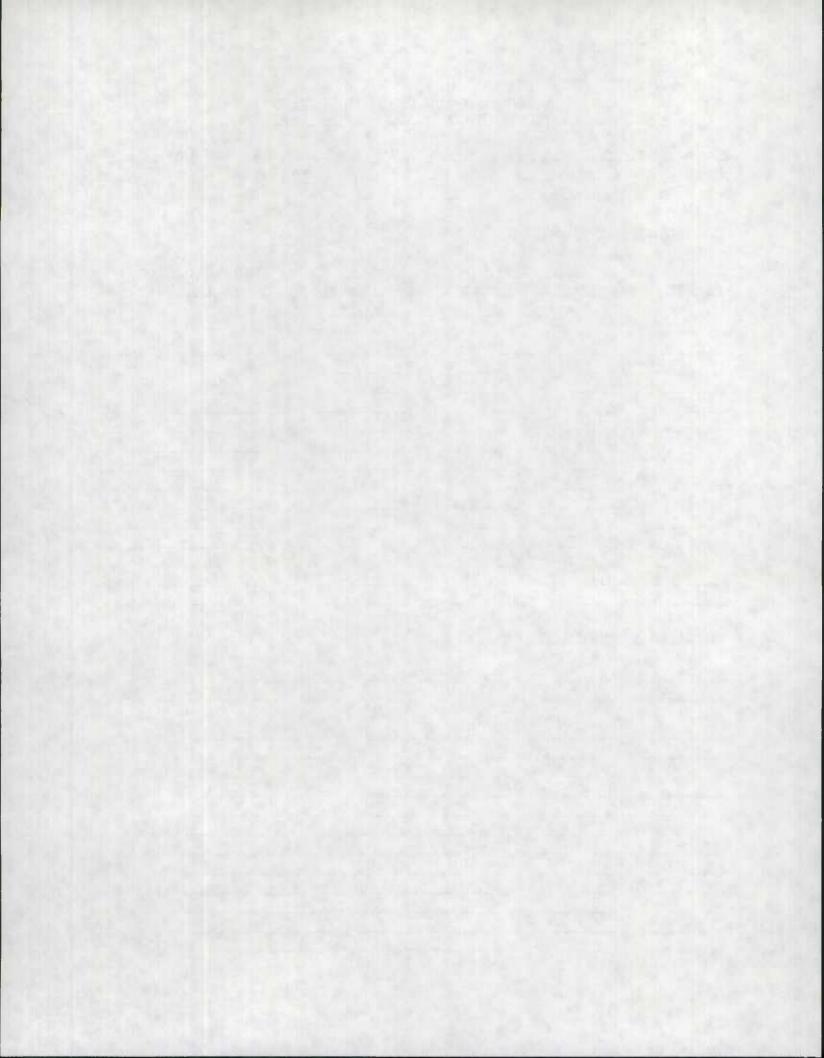
Route No:_ Sample No: County:			Starting Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)			Central Ordi. Ler (/100ft	ngth	Length of Curve in(x	
Vertical Constant Pt.		Gradient	Percent		of Curve	



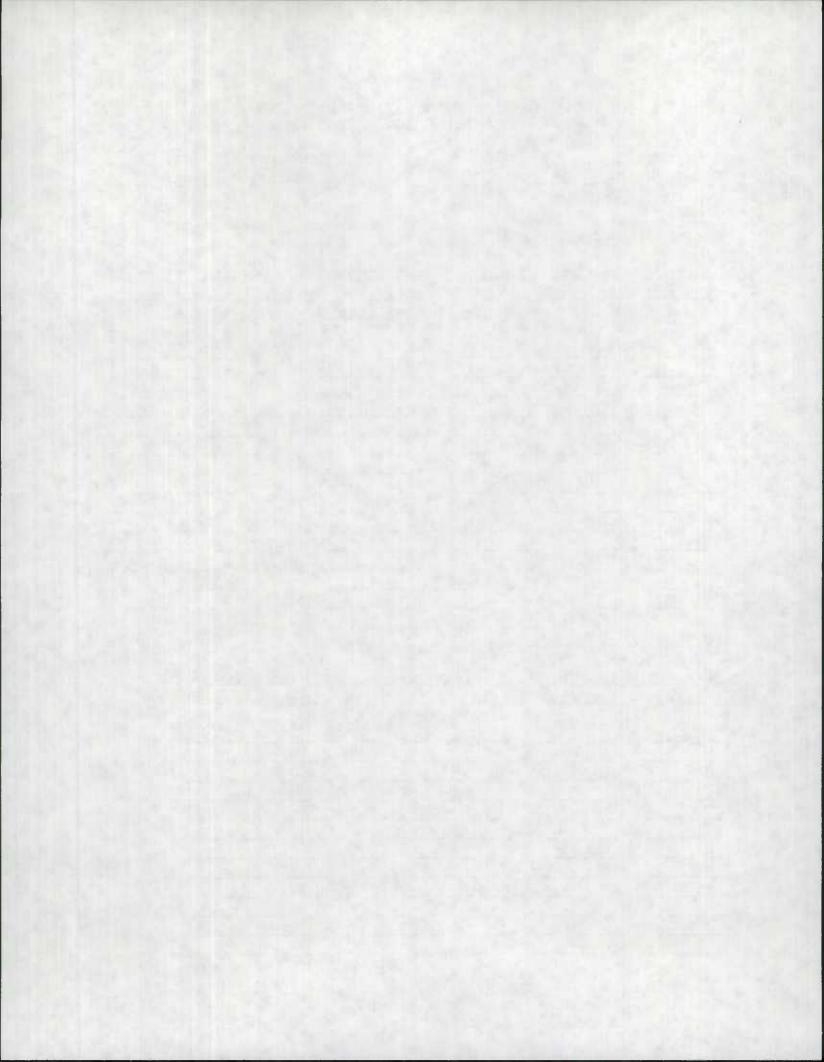
Sample No: County:			Ending Mile Pt:			
Horzontal	Curve Sect	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth	Length of Curve in(x	.xxmile)
Vertical C	urve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent		of Curve	



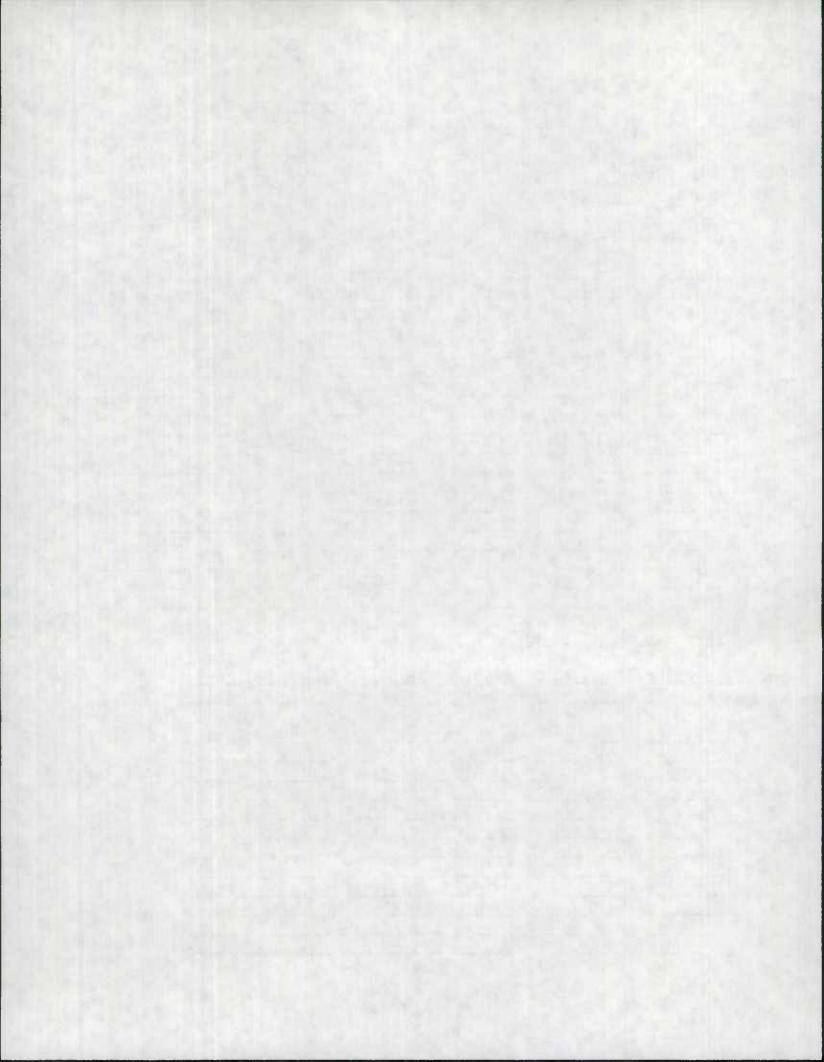
Sample No:				Starting Mile Pt: Ending Mile Pt:			
County:				End	ing Mile Pt:_		
country							
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	ngth	Length of To		
Vertical C	urve Sec	tion					
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent		of Curve		



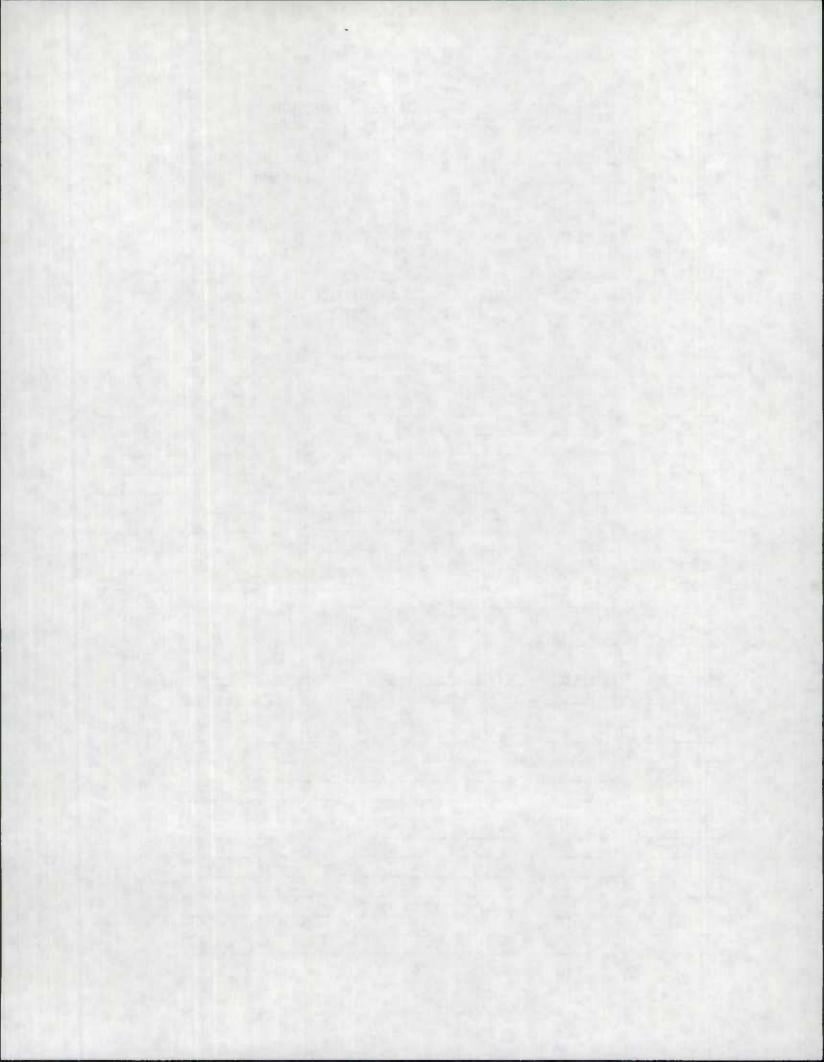
Sample No: County:			Starting Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Ler (/100ft	ngth	Length of Curve in(x.	
Vertical C	turve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent		of Curve	



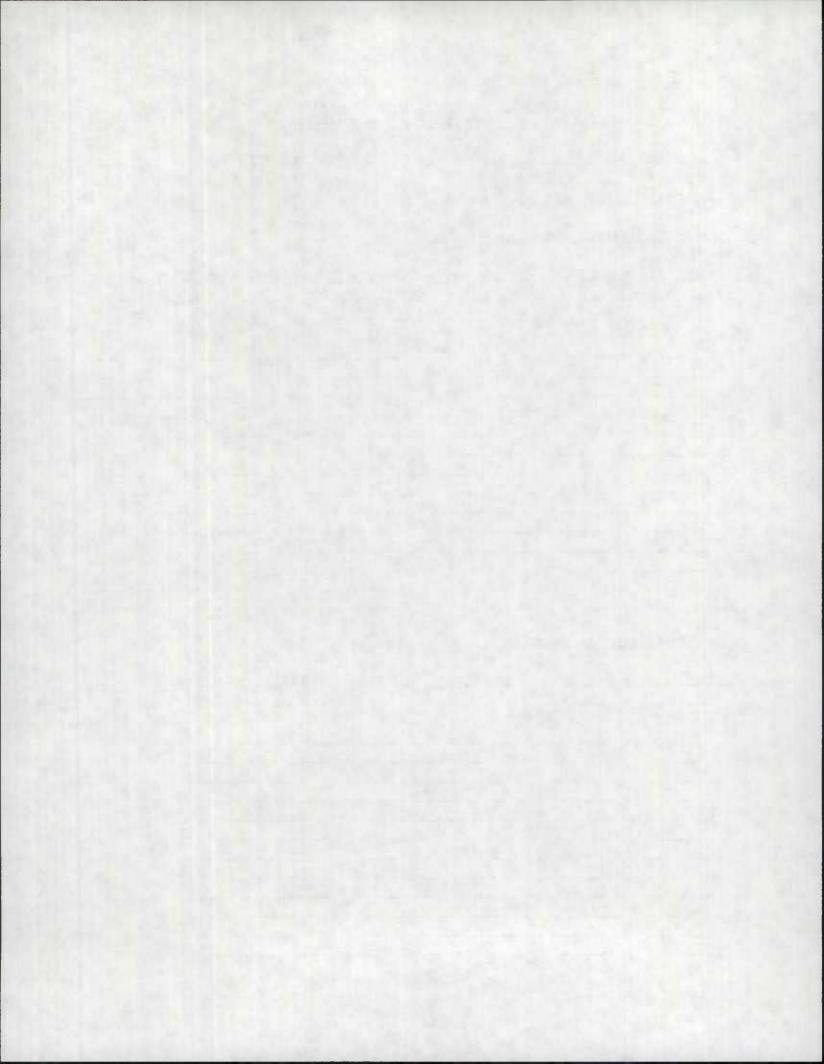
Sample No: County:				Ending Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Lend (/100ft	gth	Length of Curve in(x.		
Vertical C	curve Sec	tion					
Start Pt. (in ft.)		Gradient	Percent		of Curve		



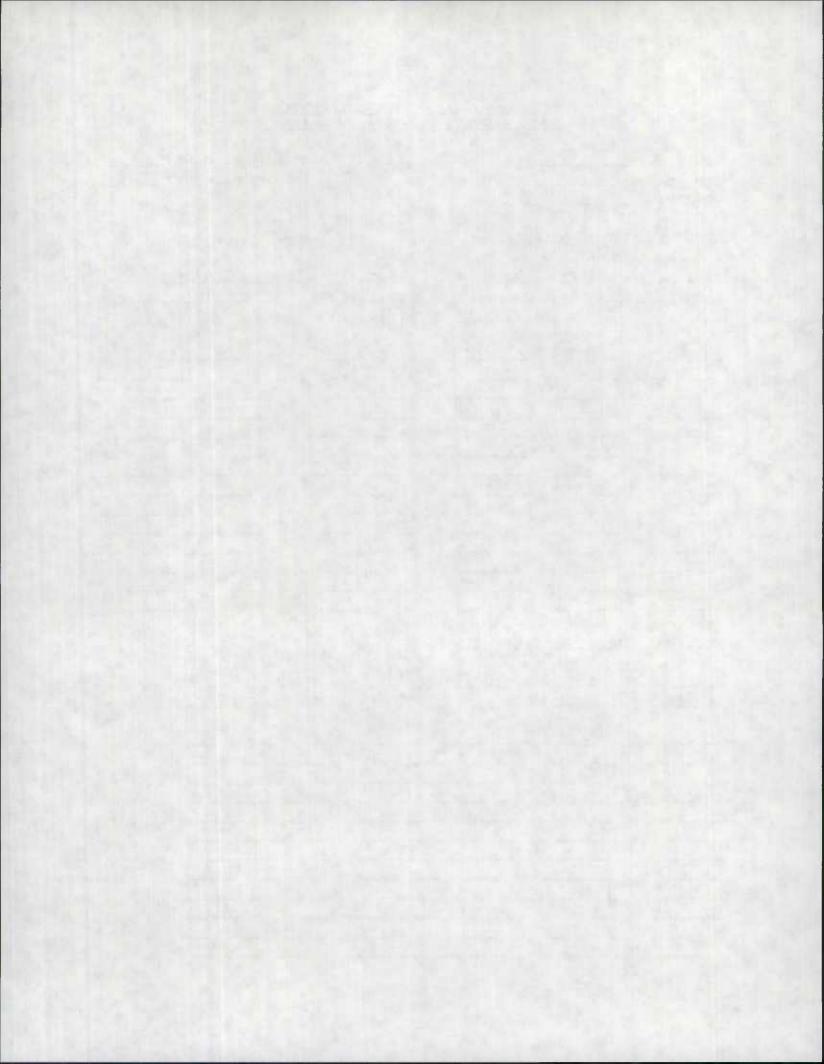
Sample No:		Starting Mile Pt: Ending Mile Pt:				
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth	Length of Curve in(x	
Vertical C	Curve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent		of Curve	



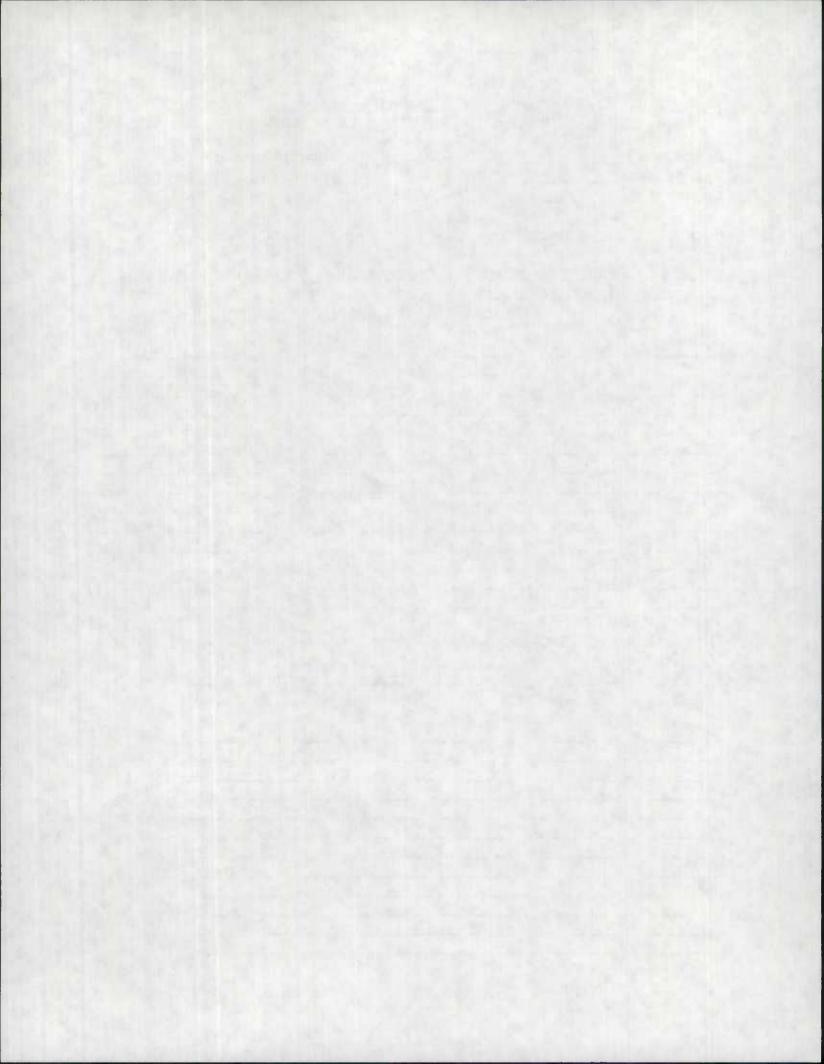
Sample No: County:				Starting Mile Pt: Ending Mile Pt:				
Horzontal	Curve Sec	tion						
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	ngth	Length of Total Curve in(x.xxmile	e) 		
Vertical Constant Pt. (in ft.)	End Pt.	Gradient	Percent	Lengt	h of Curve .xx miles)			



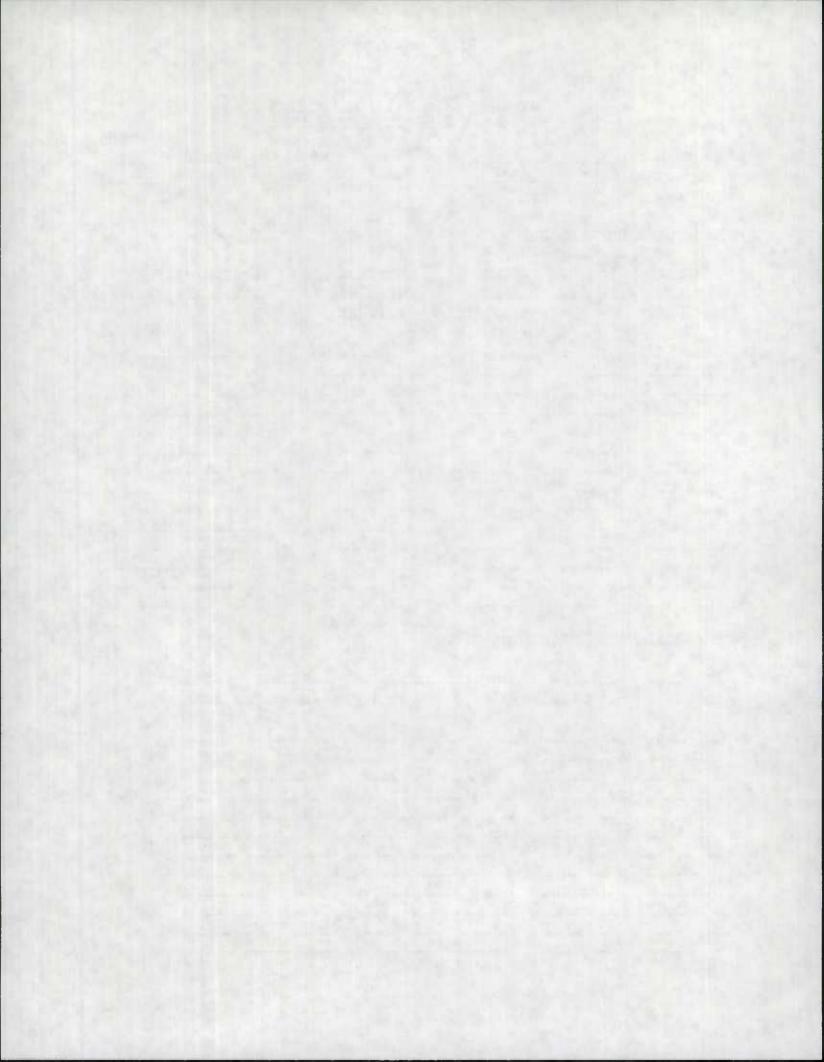
Route No: Sample No: County:		Ending Mile Pt:				
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Ler (/100ft	ngth	Length of Curve in(x.	
Vertical C						
Start Pt. (in ft.)	End Pt. (in ft.)	<u>Gradient</u>	Percent		h of Curve .xx miles)	



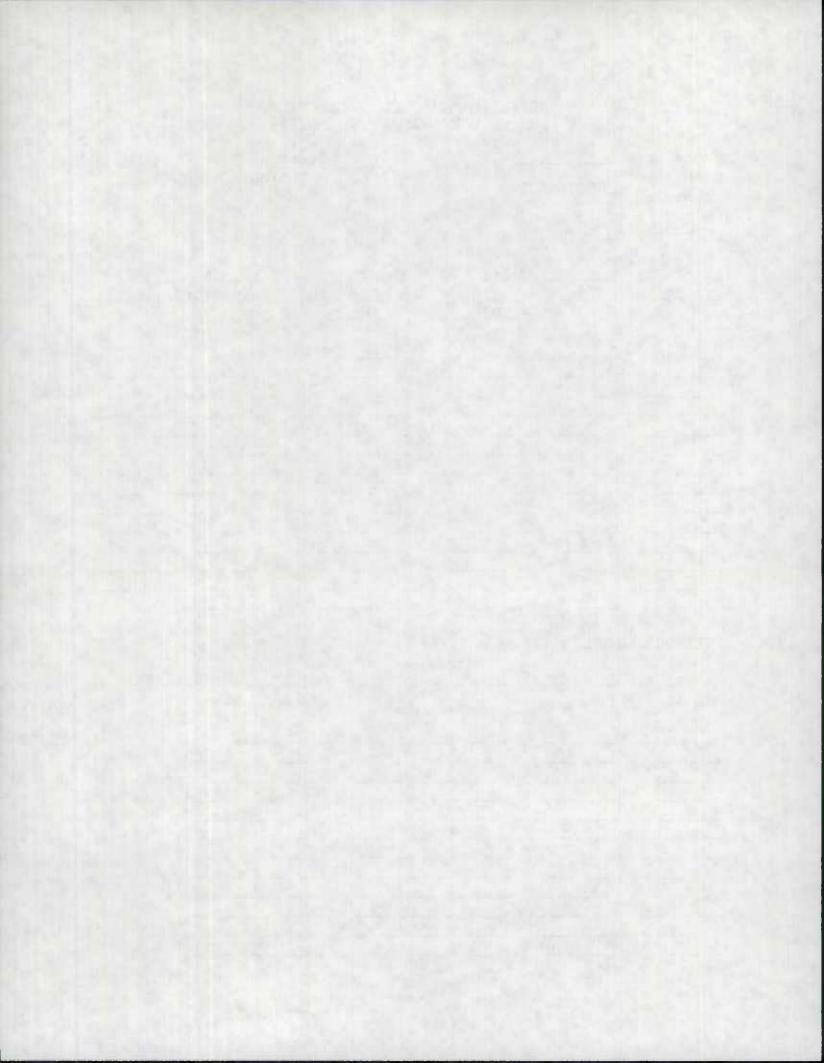
Sample No: County:				Ending Mile Pt:			
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Ler (/100ft	ngth :)	Length of Total Curve in(x.xxmi)	Le)	
Vertical C Start Pt. (in ft.)	End Pt.	Gradient	Percent	Lengt	h of Curve .xx miles)		
	=						



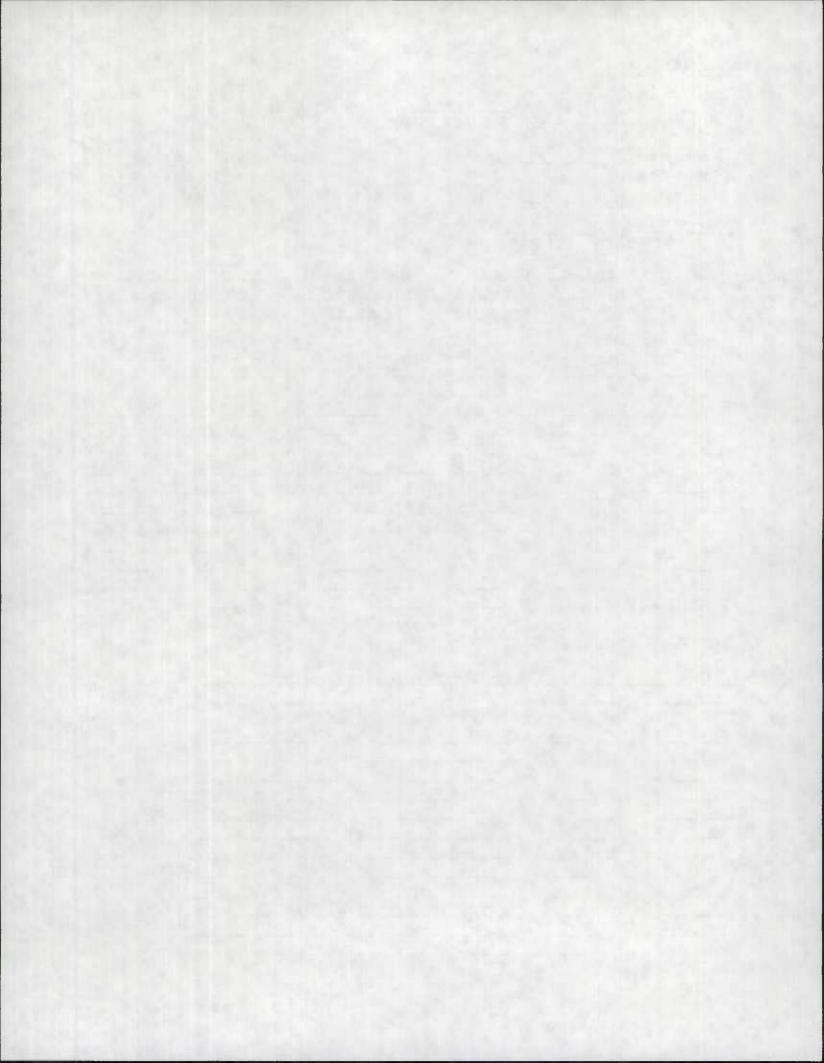
Sample No:	ample No:			Ending Mile Pt:			
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth C	Length of Curve in(x	.xxmile)	
Vertical C	urve Sec	tion					
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent		of Curve		



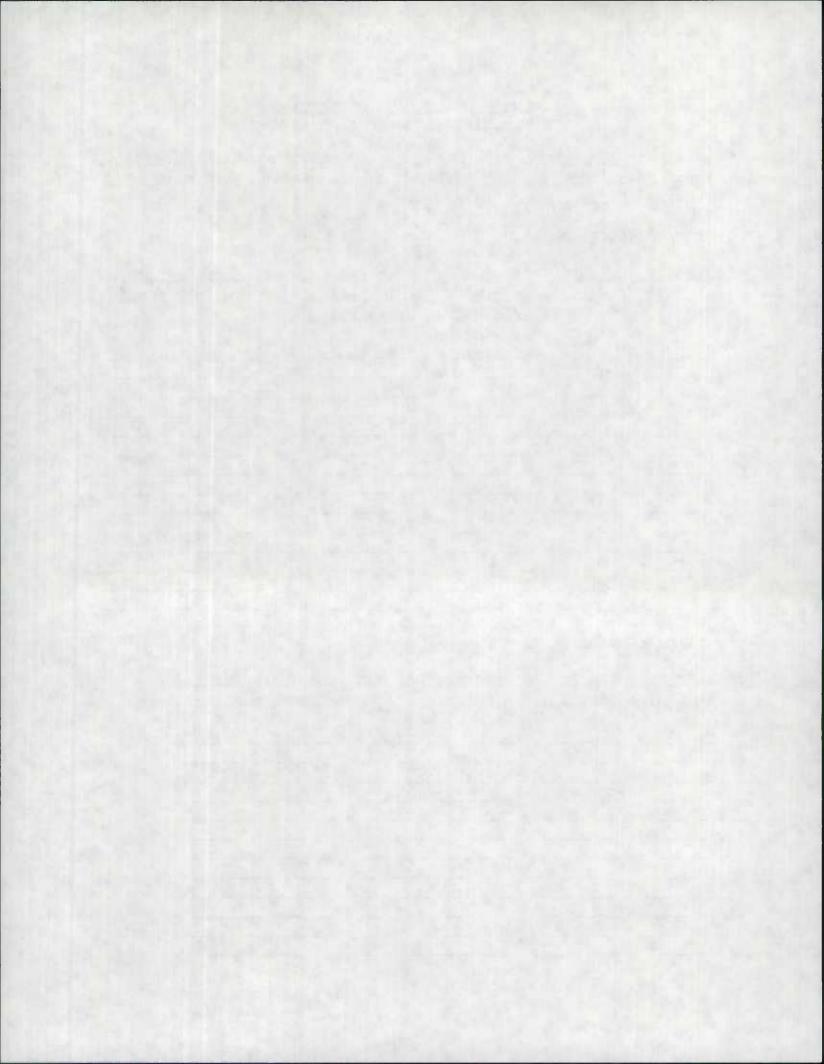
Sample No: County:			Ending Mile Pt: Ending Mile Pt:				
<u>Horzontal</u>	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Leng (/100ft)	gth Curve in(x.xxmile	_ 		
Vertical C							
(in ft.)		Gradient		Length of Curve (in x.xx miles)			



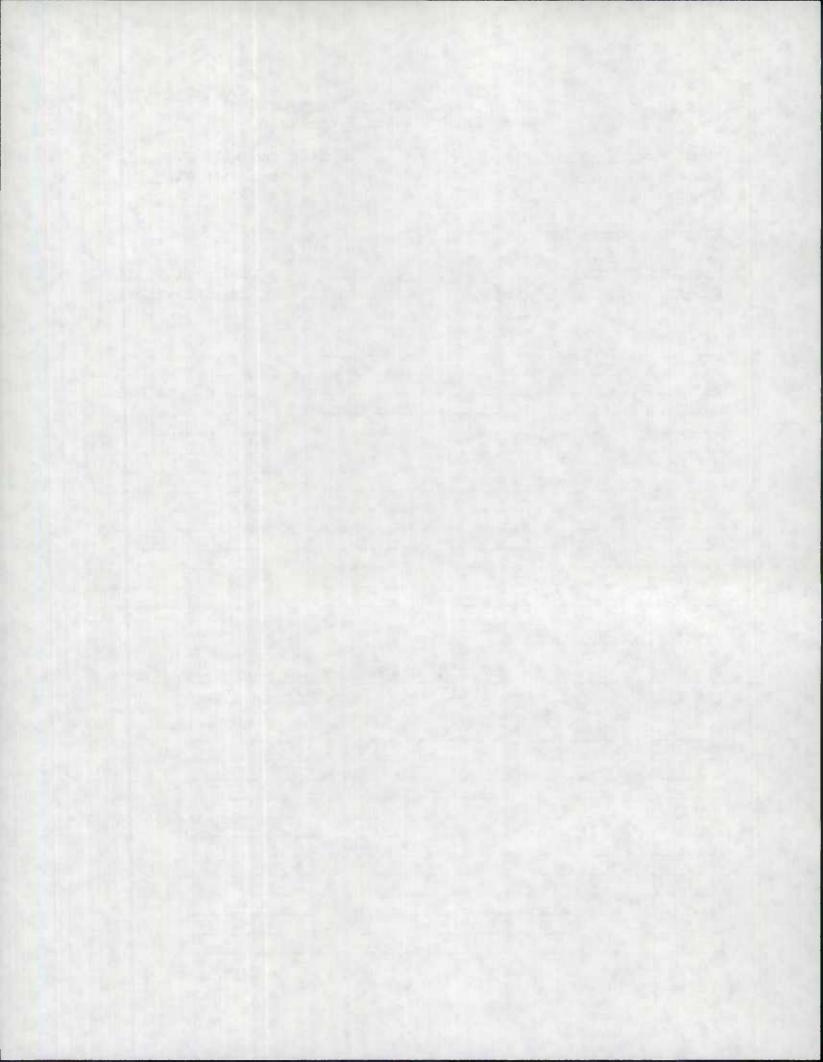
Sample No: County:			Ending Mile Pt: Ending Mile Pt:				
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len	gth	Length of Curve in(x.	xxmile)	
Vertical C							
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent		of Curve xx miles)		



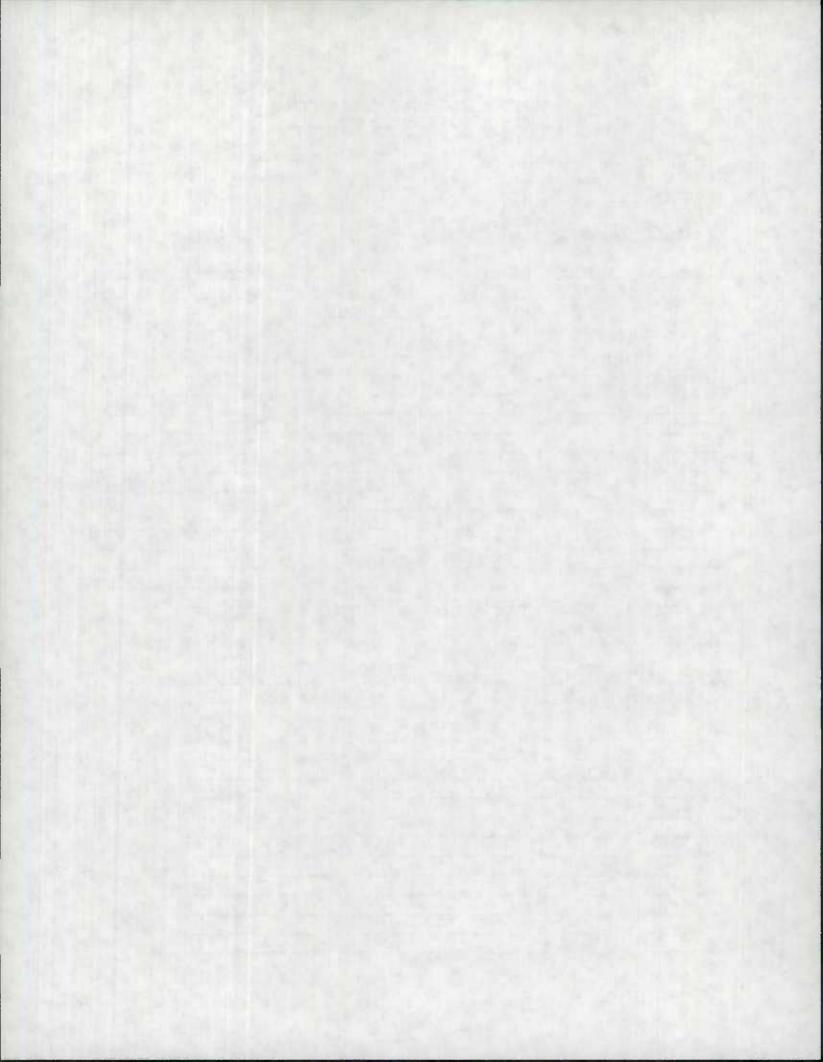
Sample No: County:			Starting Mile Pt: Ending Mile Pt:				
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth	Length of Total Curve in(x.xxmile)		
	curve Sec	tion					
Start Pt. (in ft.)		Gradient	Percent		of Curve xx miles)		



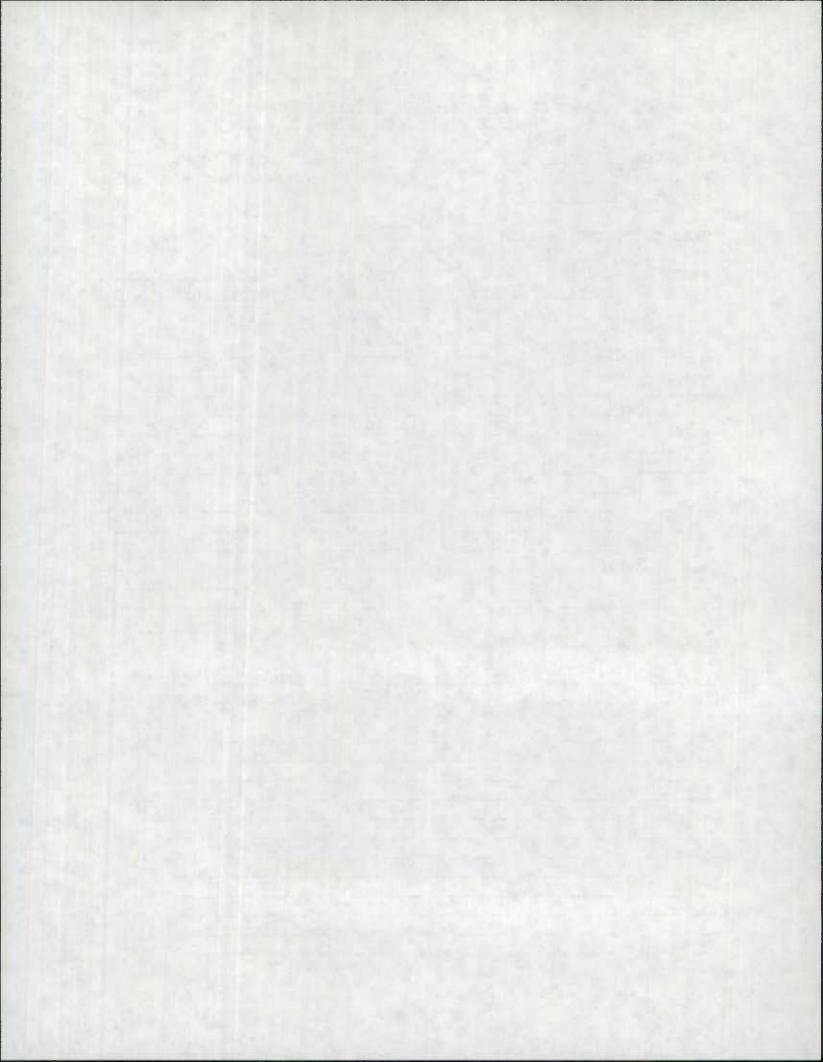
Sample No: County:	e No: Ending Mile P				
Horzontal Curve Sec	tion				
Start Pt. End Pt. (in ft.) (in ft.)		Central Ordi. Length (/100ft)	Length of Total Curve in(x.xxmile)		
Vertical Curve Sec Start Pt. End Pt. (in ft.) (in ft.)	Gradient I		th of Curve x.xx miles)		



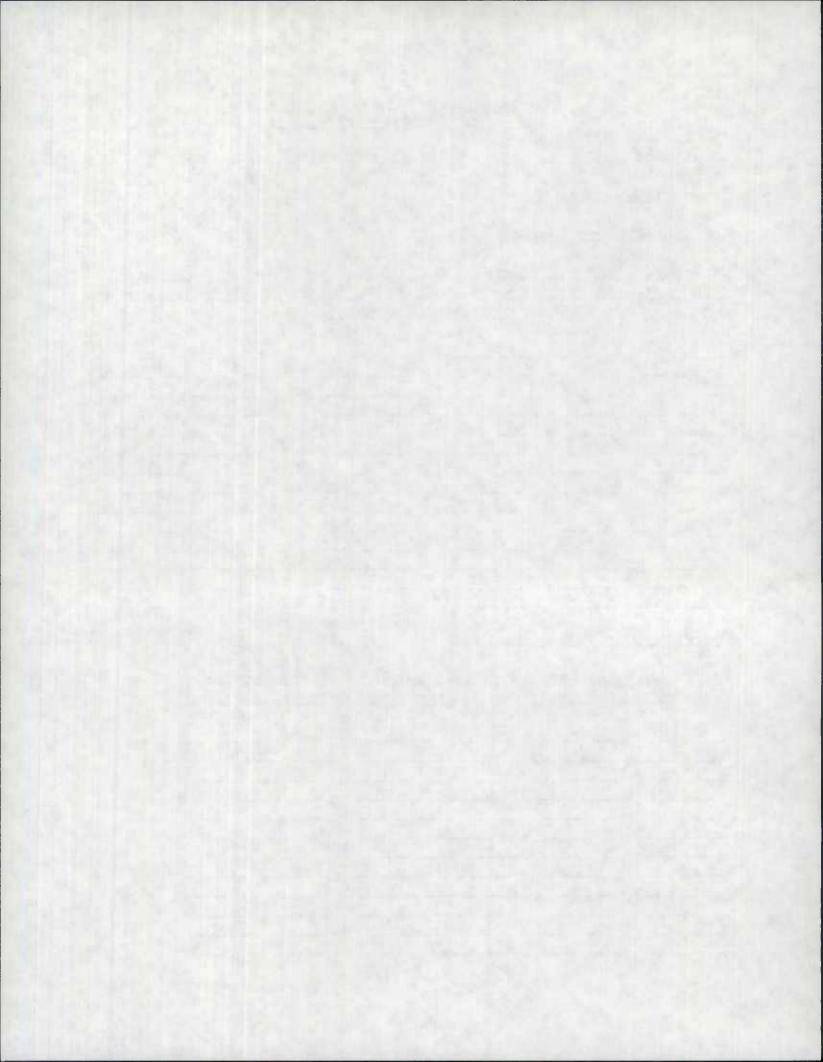
Sample No: County:				Ending Mile Pt:			
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len	gth <u>Cu</u>) — -			
Vertical C	Curve Sec	tion					
Start Pt. (in ft.)	End Pt. (in ft.)		Percent	Length o			



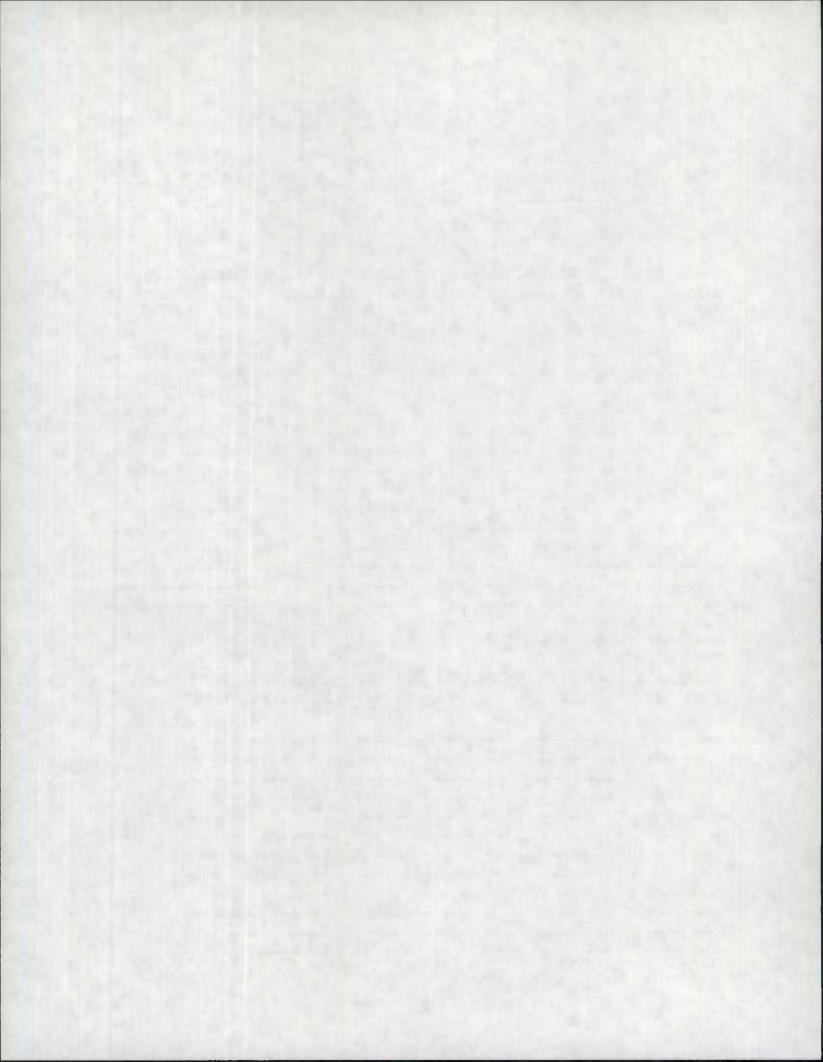
Sample No: County:				Starting Mile Pt: Ending Mile Pt:				
Horzontal	Curve Sec	tion						
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth	Length of Curve in(x	.xxmile)		
Vertical C	urve Sec	tion						
	End Pt.	Gradient	Percent		of Curve xx miles)			



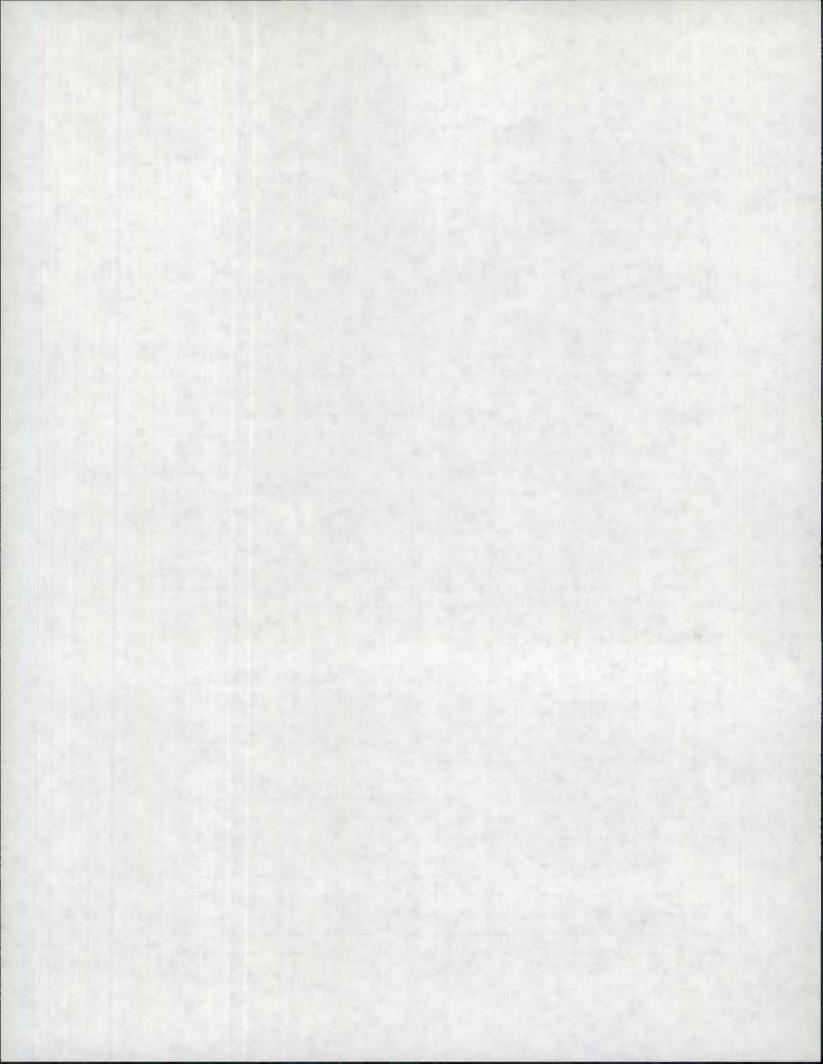
Route No: Sample No: County:				Starting Mile Pt: Ending Mile Pt:			
Horzontal	Curve Sec	tion					
Start Pt. (in ft.)		Chord length (/100ft)		gth Cur	ength of T		
Vertical C	urve Sec	tion					
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent	Length of (in x.xx			



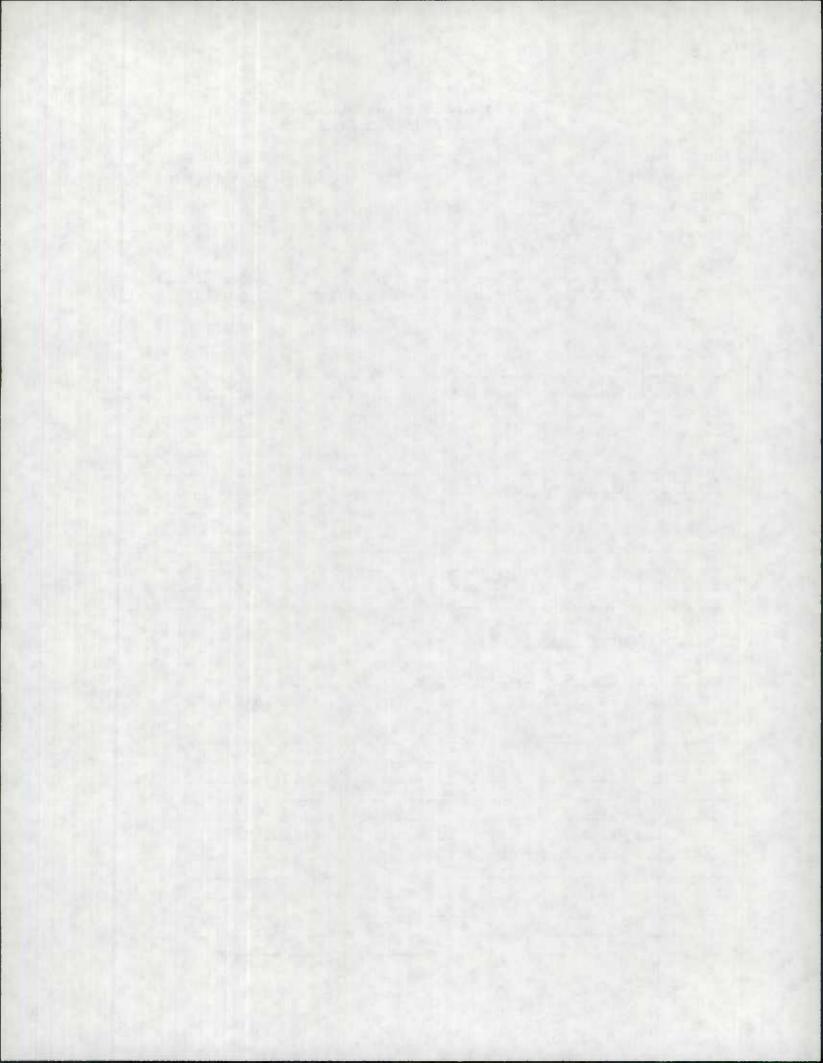
Route No:			Starting Mile Pt:			
Sample No:		-		Endin	g Mile Pt	•
County:						
Horzontal Cur	rve Sect	ion				
Start Pt. En (in ft.) (in ft.)	n ft.)	Chord length (/100ft)	Central Ordi. Lend (/100ft)	th C	Length of urve in(x	
	ve Sect	ion Gradient 1	Percent	Length	of Curve x miles)	



Sample No: County:			Starting Mile Pt: Ending Mile Pt:			
<u>Horzontal</u>	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	igth	Length of To	
Vertical (Curve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent	_	ch of Curve	



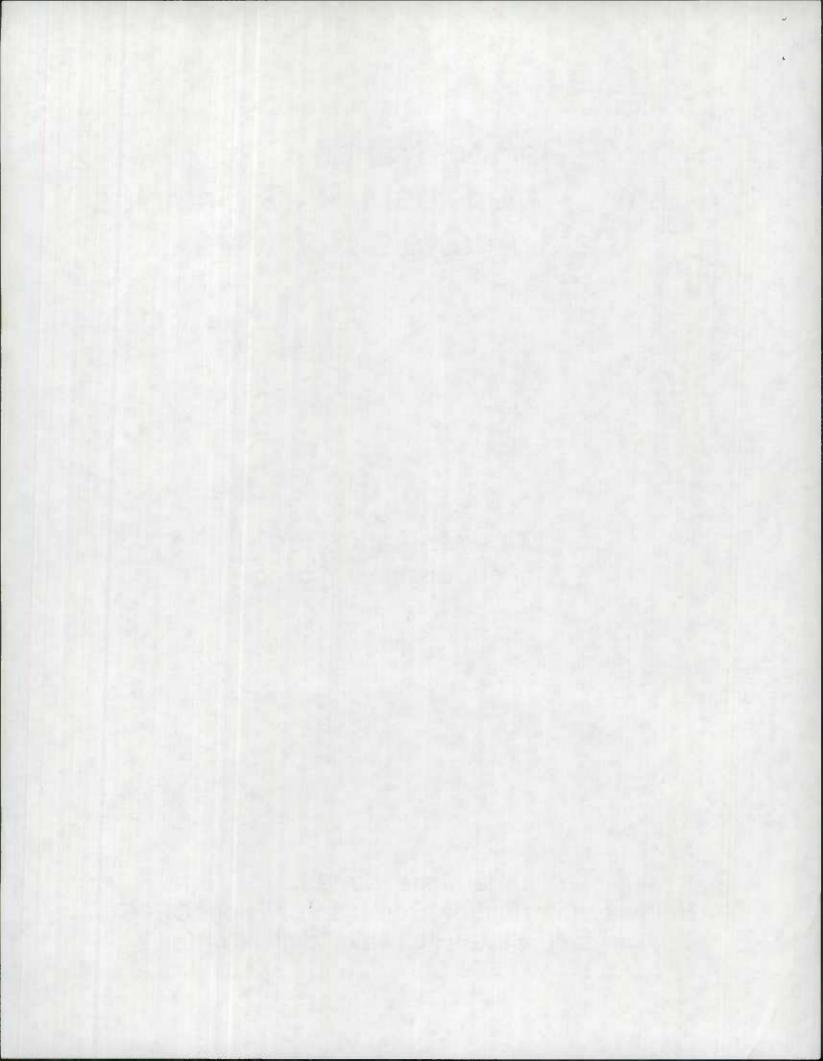
Sample No: County:			Ending Mile Pt:			
Horzontal	Curve Sec	tion				
Start Pt. (in ft.)		Chord length (/100ft)	Central Ordi. Len (/100ft	gth Cu	Length of arve in(x	
					-	
Vertical C	curve Sec	tion				
Start Pt. (in ft.)	End Pt. (in ft.)	Gradient	Percent	Length of (in x.xx		



Demonstration On County / Muncipal HPMS Samples Data Analysis Software

Presented By
Max M. Ganeshan
Student Engineer Co-op

Date: June 16, 1992
Highway Information Services Division, OPPE
Maryland State Highway Administration



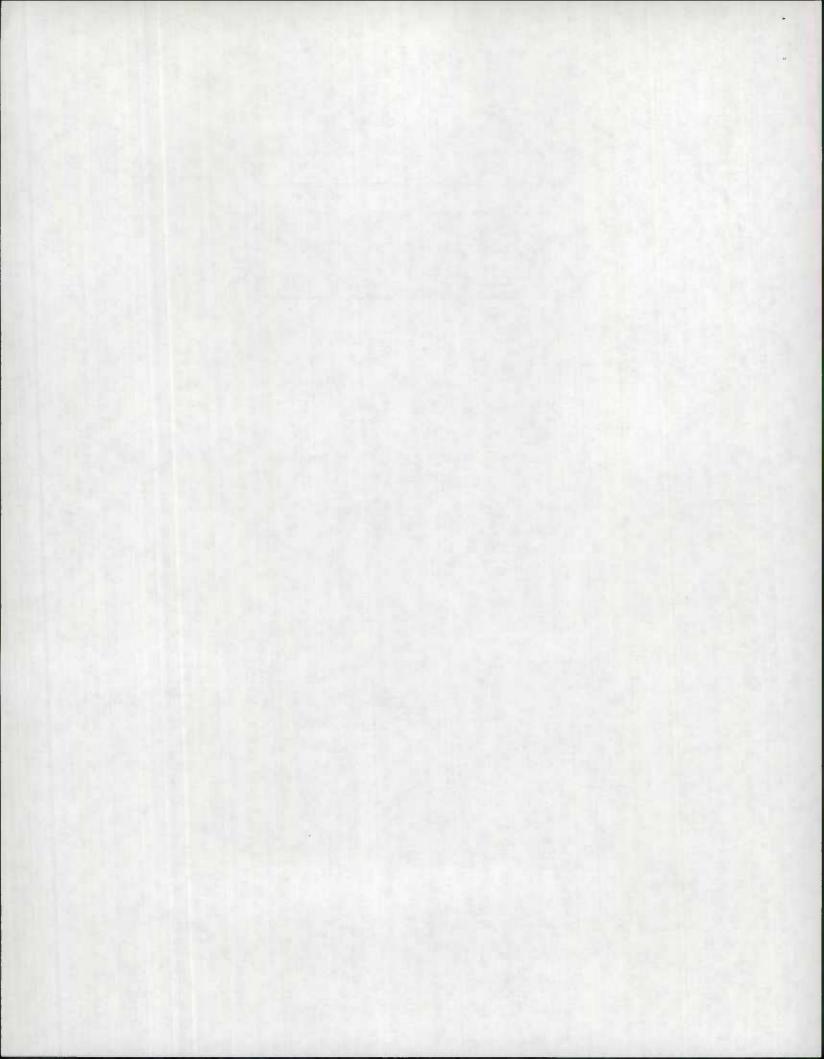
HPMS DATA SOFTWARE

- 1. HPMS DATA INPUT/EDIT
- 2. HPMS DATA PRINT
- O. QUIT

Enter Your Option (1 / 2 / 0): 1

Command | <B:>|

Enter a dBASE III PLUS command.



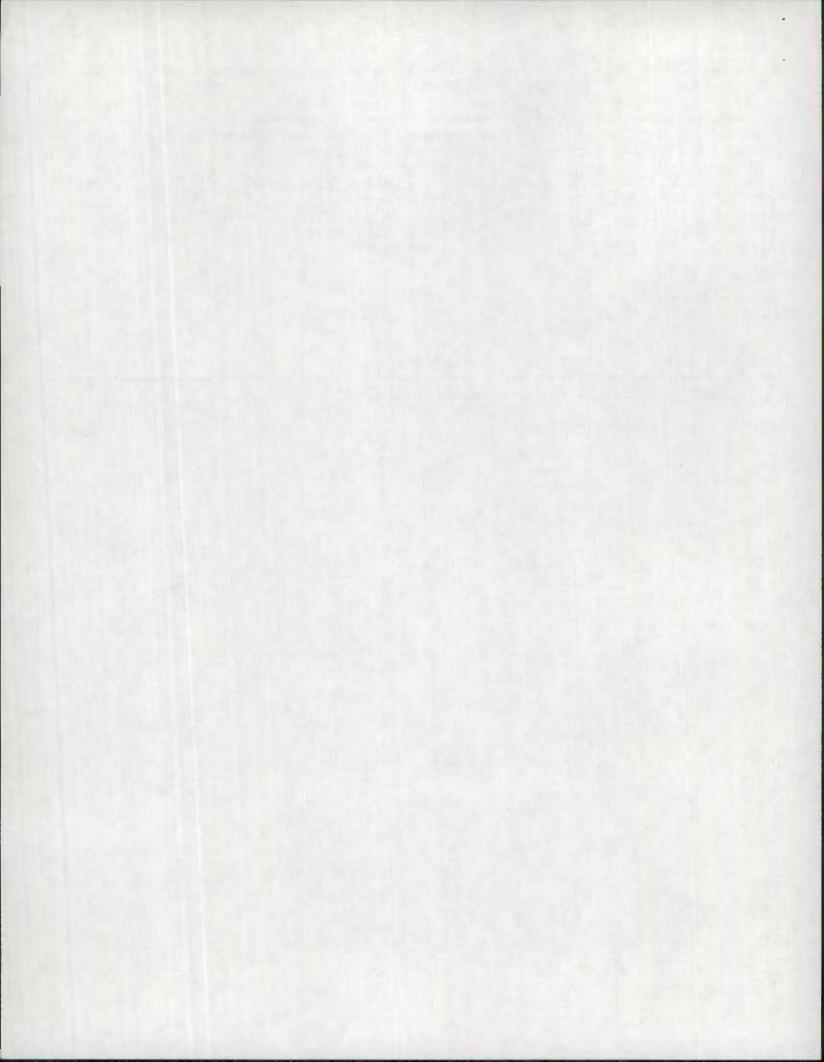
COUNTY_NO: 12 HPMS DATA START MILE PT: 0.29 Route No: MU 0420 076 SAMPLE_NO: 25 END MILE PT: 0.40 0.0 - 0.4 0.0 - 0.4 1 0.05 1 0.05 0.5 - 1.4 0 0.00 0.5 - 2.4 0 0.00 0 1.5 - 2.4 0.00 2.5 - 4.4 0 0.00 4.5 - 6.4 6.5 - 8.4 0 2.5 - 3.40.00 0 0.00 3.5 - 4.40 0.00 0 0.00 0 4.5 - 5.40.00 8.5+ 0 0.00 5.5 - 6.9 0 0.00 7.0 - 8.40 0.00 8.5 - 10.9 0 0.00 11.0 - 13.9 0 0.00 14.0 - 19.4 0 0.00 19.5 - 27.90 0.00 28+ 0 0.00

Do you want to continue for the next section record (y/n)?

Command

| <B:>| DATA_HPM

||Rec: 71/71 || || Num



SAMPLE DATA

COUNTY_NO: 16

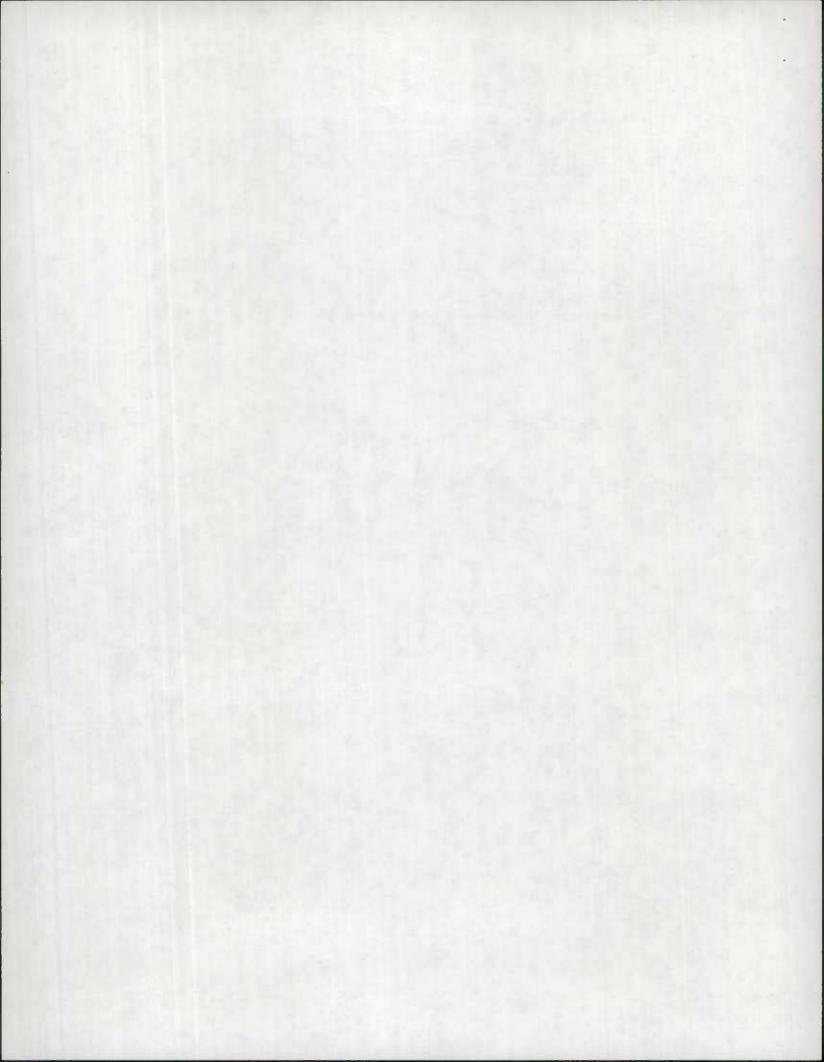
ROUTE_NO: CO 1234 12

SAMPLE_NO: 99

ST_MILE_PT: 1.00

ED_MILE_PT: 1.2

EDIT || <B:>|| DATA_HPM || Rec: 72/72 || || Num



Survey Data

County Code: 16 Starting Mile Point: 1.00 Sample No: 99

Route No: CO 1234 12 Ending Mile Point: 1.20

Starting Point: 0 Ending Point: 276

Chord Length: 100.00 Central Ord. length: 0.00

APPEND || <B:> || CURVFILE || Rec: 1/1

Num

Survey Data

County Code: 16 Starting Mile Point: 1.00 Sample No: 99

Route No: CO 1234 12 Ending Mile Point: 1.20

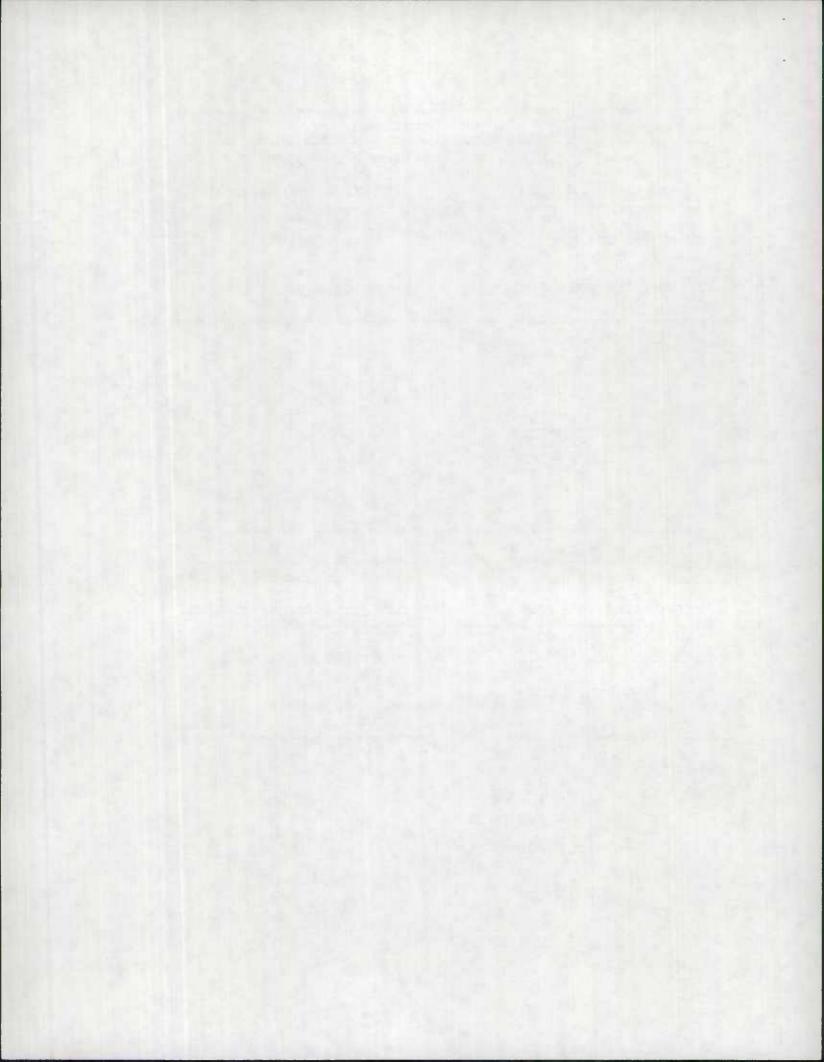
Starting Point: 276 Ending Point: 546

Chord Length: 99.80 Central Ord. length: 1.8

APPEND

|| <B:>|| CURVFILE

Rec: EOF/1



SURVEY DATA Vertical Grade

COUNTY No: 16 ST_MILE_Pt: 1.00 SAMPLE No: 99 ED_MILE_PT: 1.20 ROUTE No: CO 1234 12

START FT. POINT: 0

END FT. POINT: 276

PERCENT OF GRADE: 2.00 %

APPEND

|| <B:> || GRADFILE || Rec: 1/1 || || Num

SURVEY DATA Vertical Grade

COUNTY No: 16 ST_MILE_Pt: 1.00 SAMPLE No: 99 ED_MILE_PT: 1.20 ROUTE No: CO 1234 12

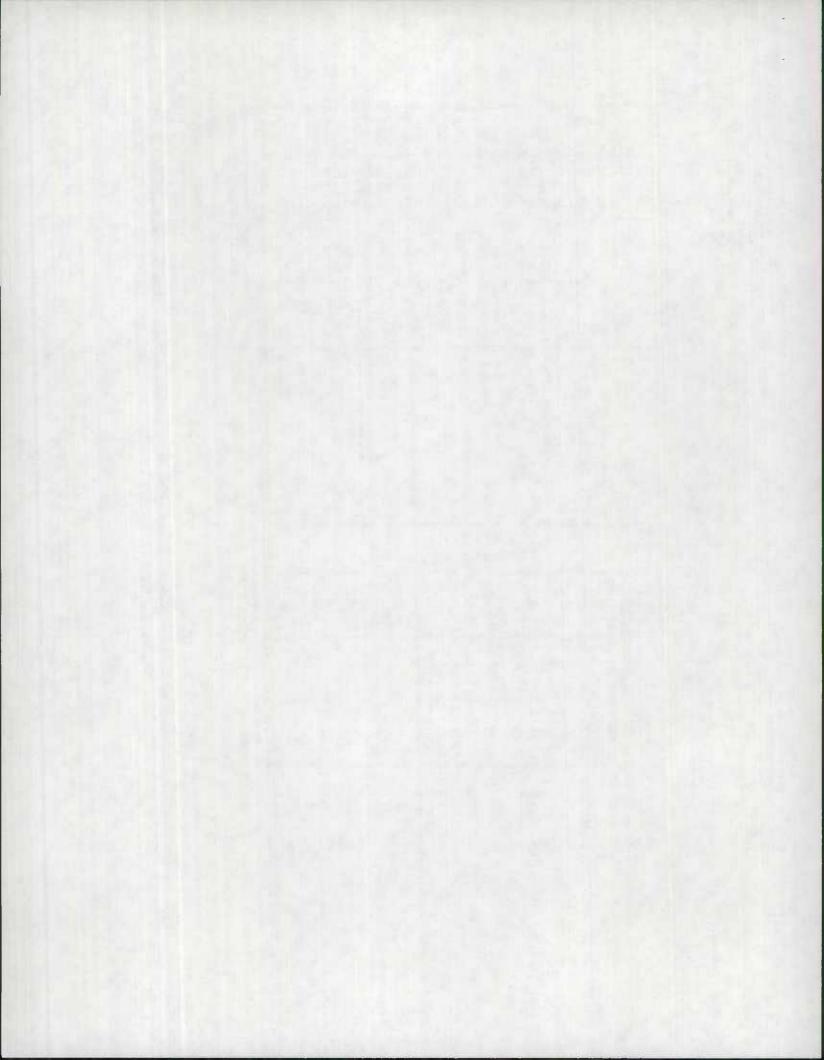
START FT. POINT: 276

END FT. POINT: 546

PERCENT OF GRADE: 0.00 %

APPEND | <B:> | GRADFILE

|Rec: 2/2

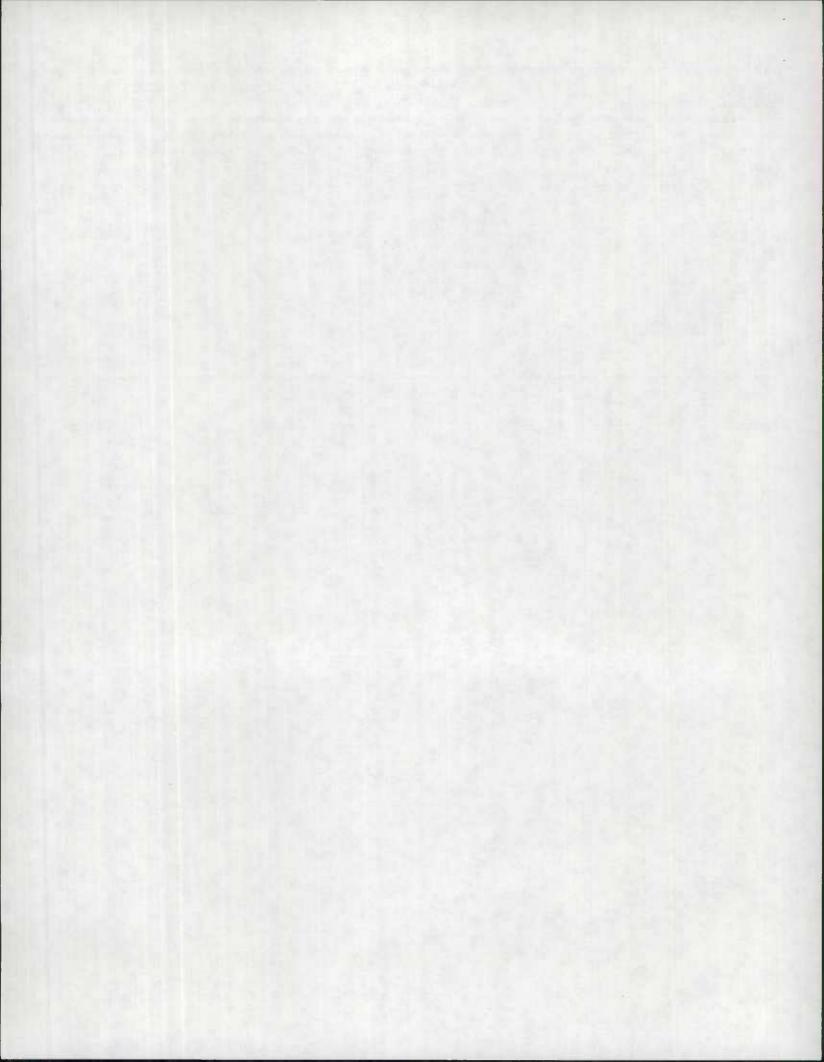


1	Y_NO: 16 E_NO: 99	HPMS DA		ILE PT: 1.00 ILE PT: 1.20
Cruve 0.0 0.5 1.5 2.5 3.5 4.5 5.5 7.0 8.5 11.0 14.0	Class 0.4 - 1.4 - 2.4 - 3.4 - 4.4 - 5.4 - 6.9 - 8.4	Curve Length 0.05 0.00 0.00 0.00		

Do you want to continue for the next section record (y/n)?

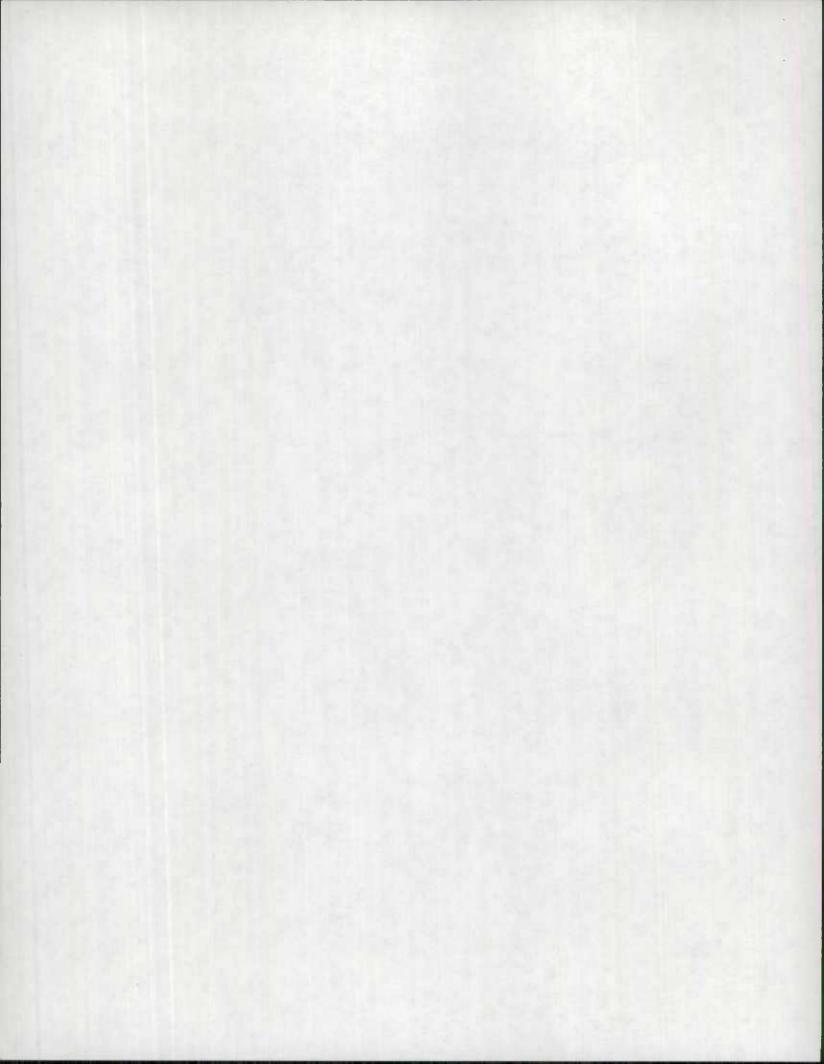
Command | | <B:> | DATA_HPM

Rec: 73/73



Please wait

Command || <B:> || DATA_HPM || Rec: 1/73 || || Num

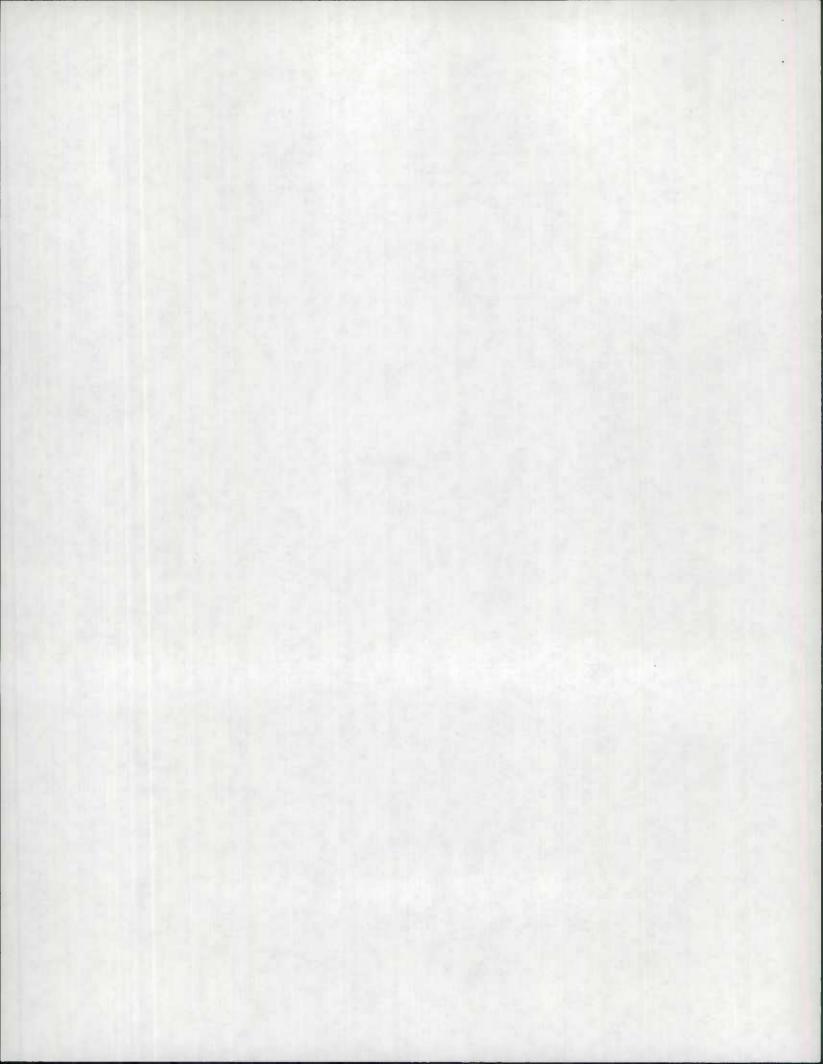


HPMS DATA SOFTWARE

- 1. HPMS DATA INPUT/EDIT
- 2. HPMS DATA PRINT
- O. QUIT

Enter Your Option (1 / 2 / 0): 2

Command || <B:>|| || || Num



PRINT MENU

- 1. Print The Data of Specific County (Records Format)
- 2. Print All Counties Data (Records Format)
- 3. Print ASCII Data of Specific County (HPMS Format)
- 4. Print ASCII Data of All Counties
- O. Exit to Main Menu

Enter Your Option (1 / 2 / 3 / 4 / 0): 1

Enter the County Number: 16

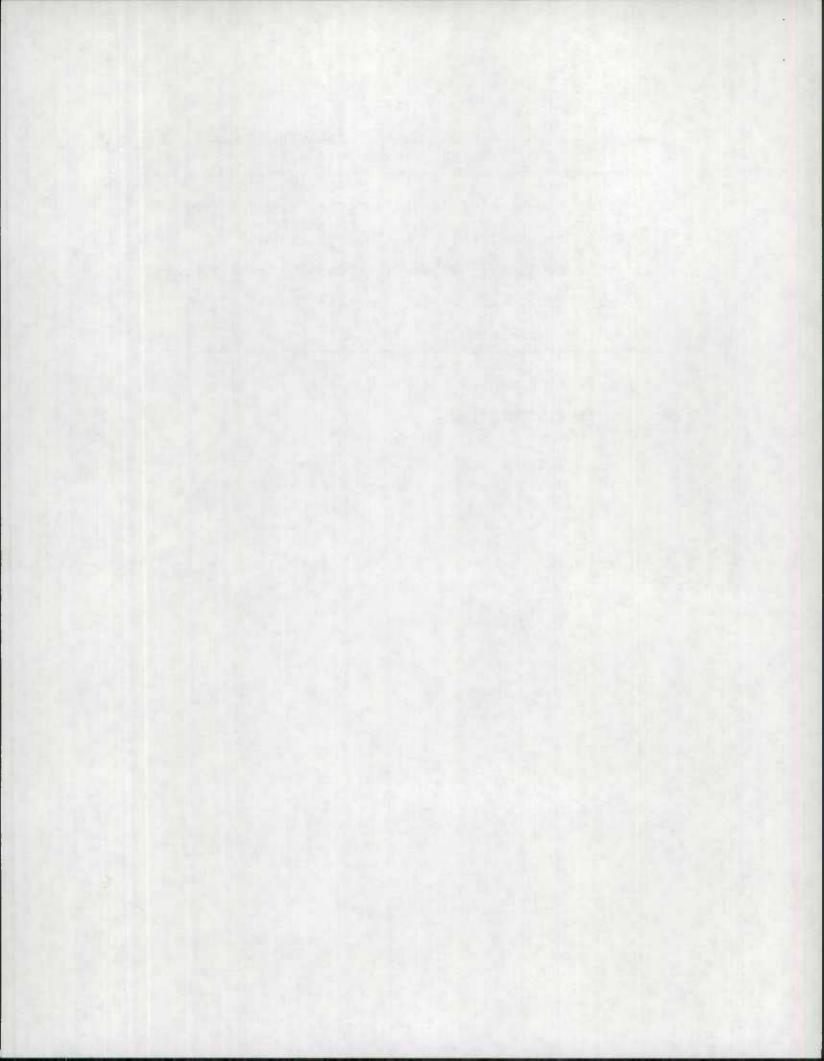
|| <B:>|| DATA_HPM

Command

||Rec: 1/73

Num

Enter a dBASE III PLUS command.



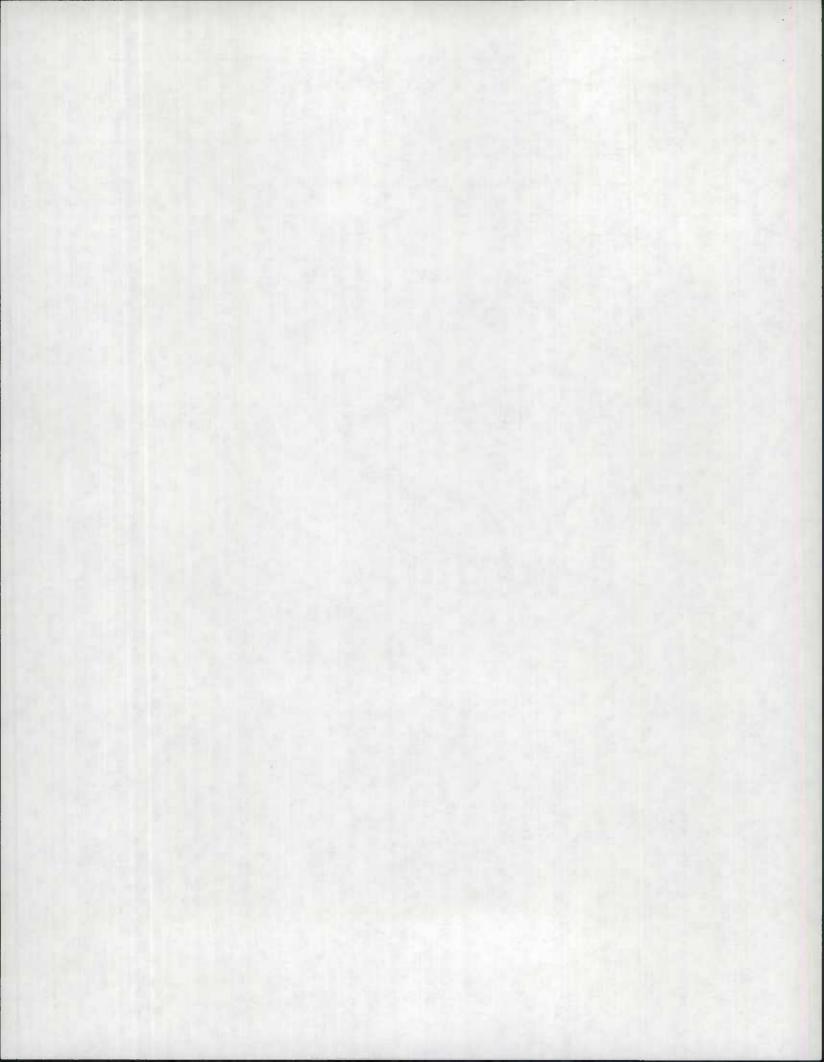
HPMS - MUNICIPAL / COUNTY ROADS DATA

County No: 16 Sample No: 99

ample No: 99 Route No: CO 1234 12

Starting Mile Pt: 1.00 Ending Mile Pt: 1.20

	Horizont	al Data		Vertical	Data
Curve Class in Degrees	No of Curves	Curve Length in X.XX miles	Gradient %	No of Grades	Grad.Length in X.XX mil
0.0 - 0.4 0.5 - 1.4 1.5 - 2.4 2.5 - 3.4 3.5 - 4.4 4.5 - 5.4 5.5 - 6.9 7.0 - 8.4 8.5 - 10.9 11.0 - 13.9 14.0 - 19.4 19.5 - 27.9 28+	1 0 0 0 0 0 0 0 1 0 0 0	0.05 0.00 0.00 0.00 0.00 0.00 0.05 0.00 0.00 0.00 0.00	0.0 - 0.4 0.5 - 2.4 2.5 - 4.4 4.5 - 6.4 6.5 - 8.4 8.5+	1 1 0 0 0 0	0.05 0.05 0.00 0.00 0.00



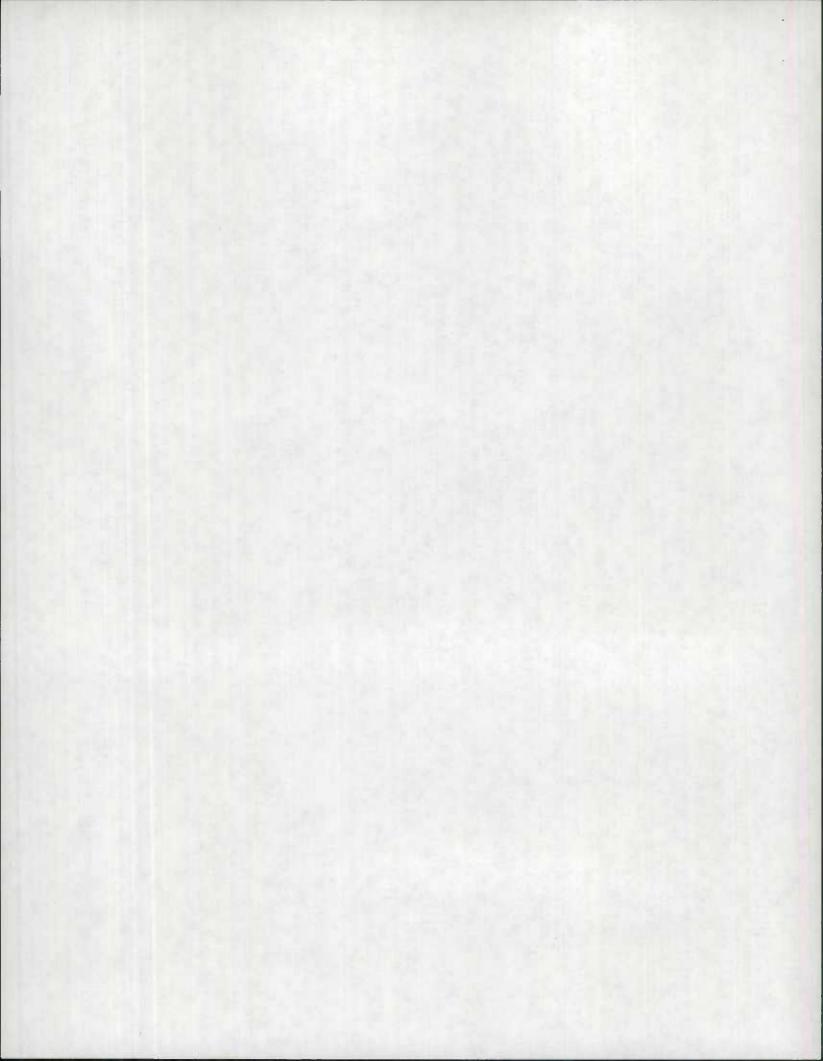
Printer Work Completed...

Press any key to continue

Command || <B:>||PRNTFILE || Rec: EOF/2 ||

Num

Enter a dBASE III PLUS command.



PRINT MENU

- 1. Print The Data of Specific County (Records Format)
- 2. Print All Counties Data (Records Format)
- 3. Print ASCII Data of Specific County (HPMS Format)
- 4. Print ASCII Data of All Counties
- O. Exit to Main Menu

Enter Your Option (1 / 2 / 3 / 4 / 0): 3

Enter the County Number: 16

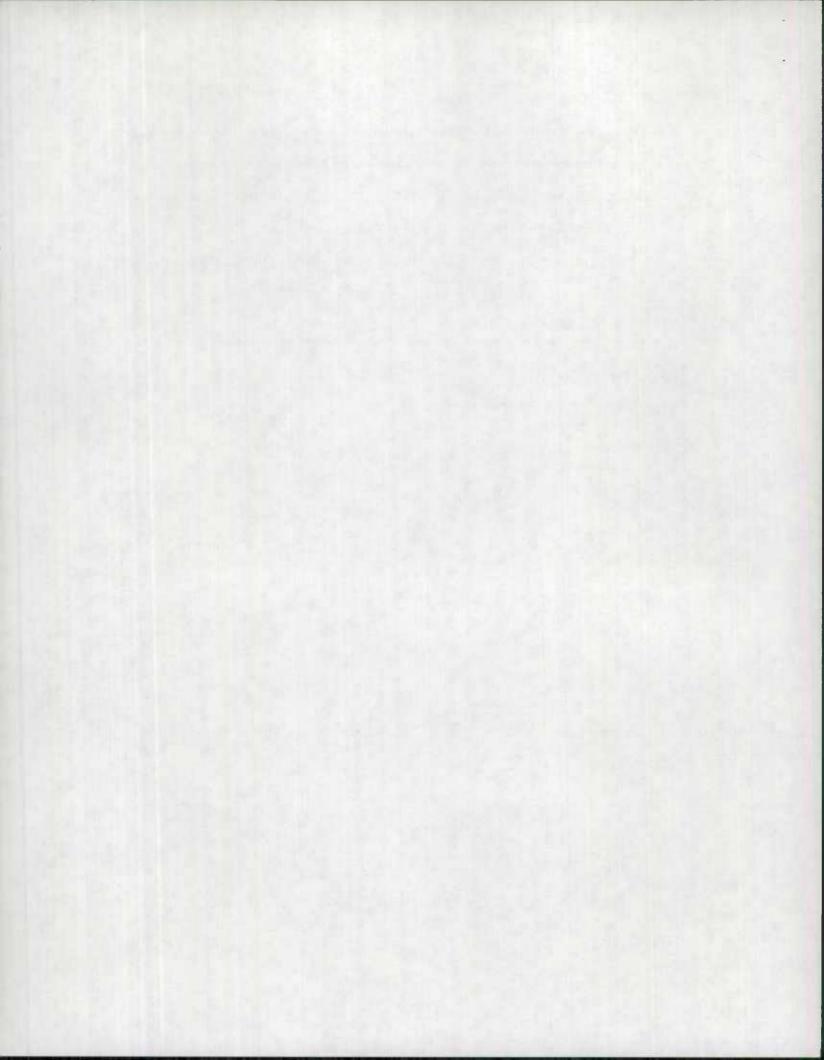
Command

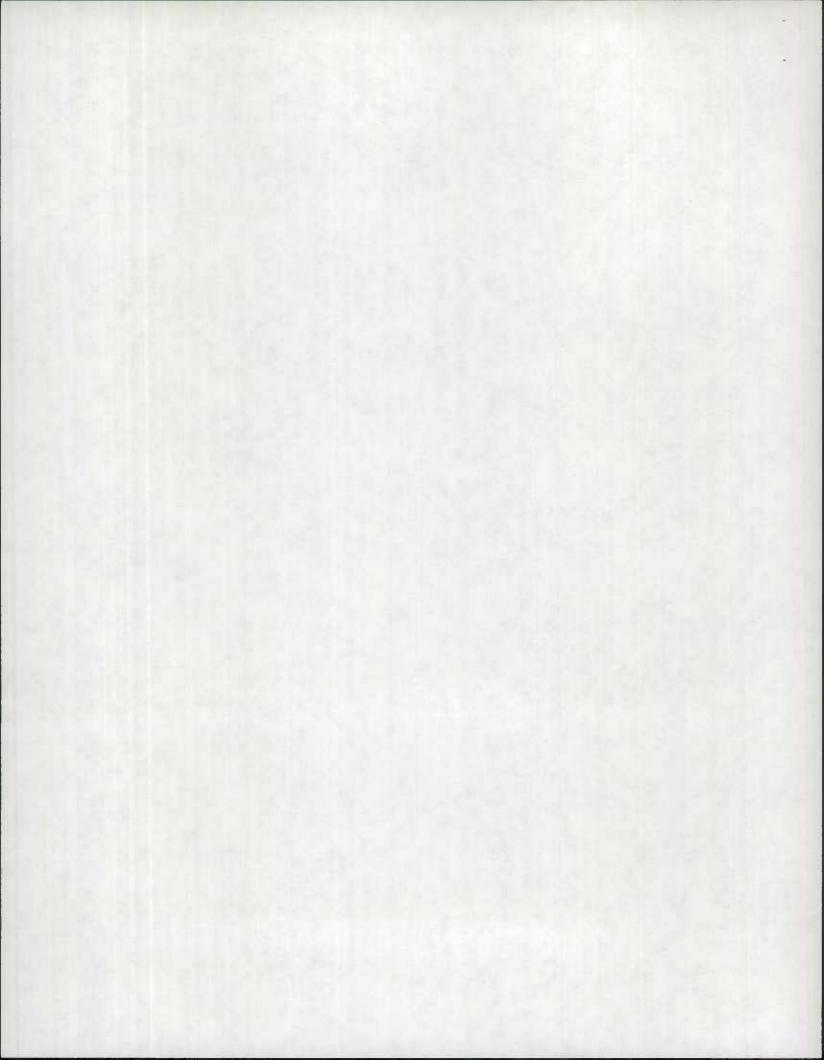
|| <B:>|| DATA_HPM

Rec: 1/72

||Ins

Enter a dBASE III PLUS command.





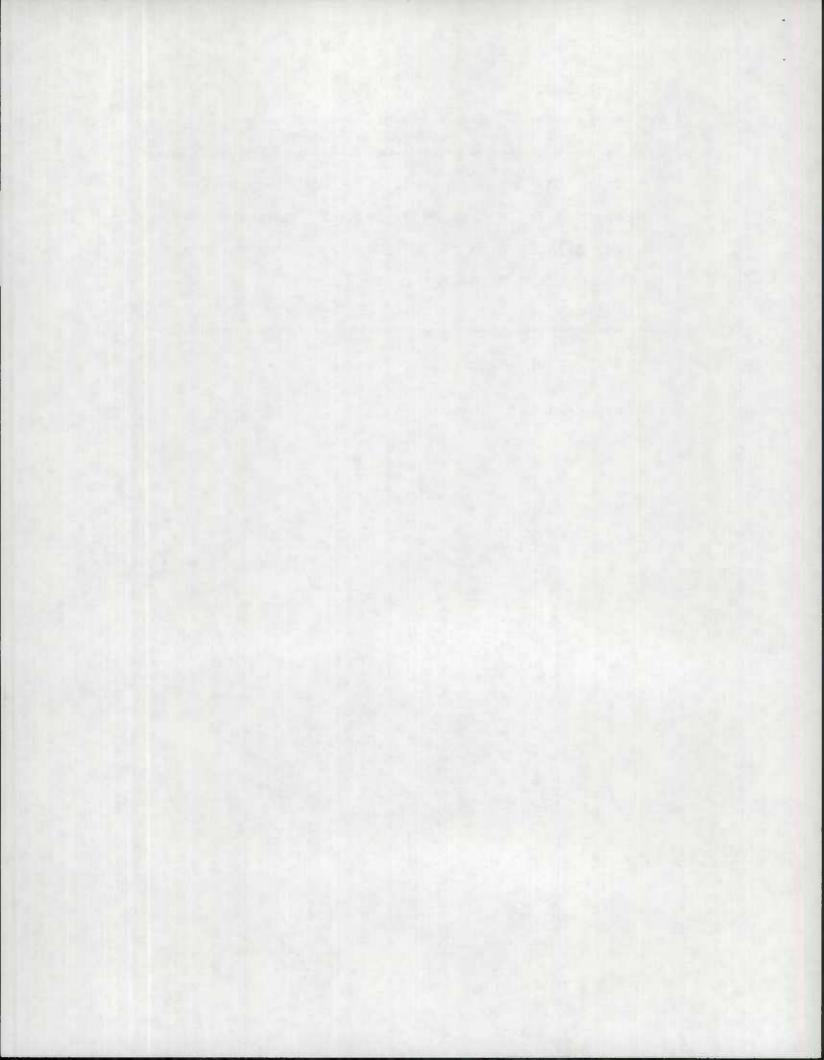
PRINT MENU

- 1. Print The Data of Specific County (Records Format)
- 2. Print All Counties Data (Records Format)
- 3. Print ASCII Data of Specific County (HPMS Format)
- 4. Print ASCII Data of All Counties
- 0. Exit to Main Menu

Enter Your Option (1 / 2 / 3 / 4 / 0): 0

Command

Ins

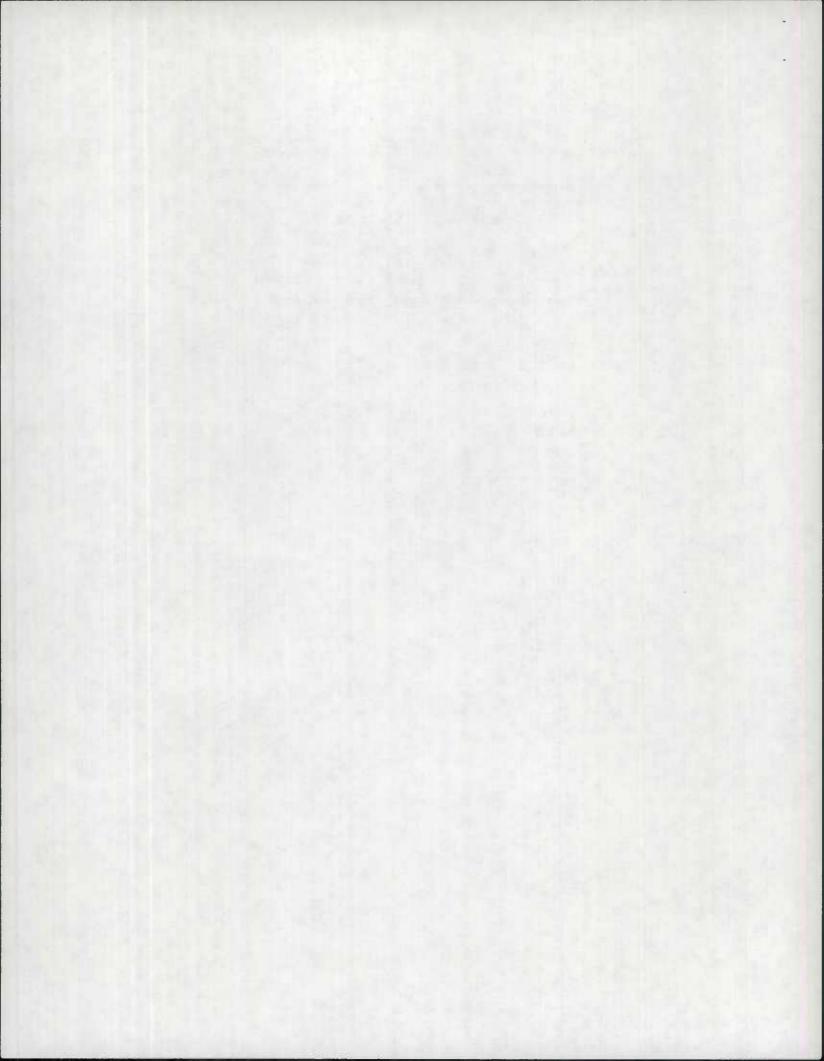


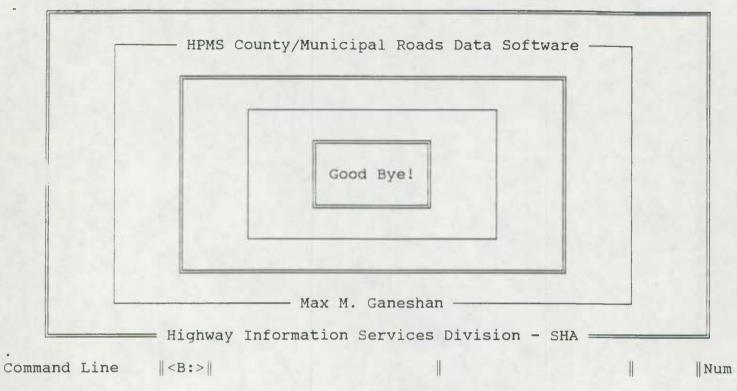
HPMS DATA SOFTWARE

- 1. HPMS DATA INPUT/EDIT
- 2. HPMS DATA PRINT
- O. QUIT

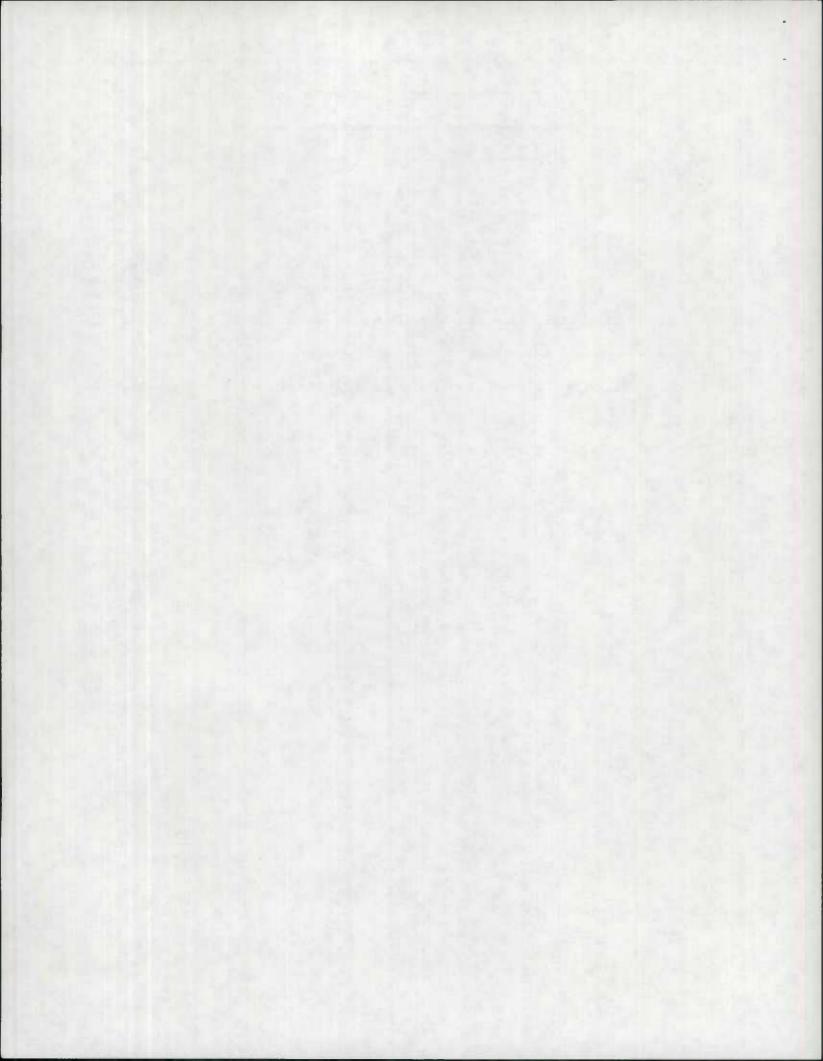
Enter Your Option (1 / 2 / 0): 0

Command || <B:> || DATA_HPM || Rec: 1/72 || Ins ||





Enter a dBASE III PLUS command.



County / Municipal HPMS Samples Data Analysis Software

Advantageous

- ✓ Menu Driven Manner (User Friendly)
- √ Relational Data Management
- √ Electronic Data Interchange
- √ Reduced Work Time(Data Collection and Input)
- √ Data available in both Records and HPMS Format

• Future Directions

- ✓ Preparing Manual for the Complete Procedure
- ✓ Graphical Representation for Further Anlayses
 - (Design and Safety Analysis)
- ✓ On-time help for the user

