

**SWALE DATA TABLE**

Swale #	Length (ft)	Slope (ft/ft)	Upstream Invert Elevation	Downstream Invert Elevation	Concrete Ribbon Required	Maximum Q (cfs)
1	646.6	0.80	391.75	386.58	No	75.38
2	100.0	4.59	395.50	390.91	No	19.97
3	140.6	2.35	402.50	399.20	No	13.89
4	233.5	3.24	410.07	402.50	No	19.77
5	350.0	1.41	415.00	410.06	No	13.51
6	367.0	0.80	413.00	410.06	No	10.18
7	78.0	1.92	418.50	417.00	No	15.76
8	100.0	1.50	430.50	429.00	No	13.93
9	356.0	3.29	429.00	417.00	No	21.28
10a	109.6	3.61	417.00	413.04	No	21.62
10b	307.7	2.74	413.04	404.61	No	18.83
10c	162.9	1.60	404.61	402.00	No	14.39
10d	36.3	3.36	402.00	400.78	No	20.85
11	126.8	1.28	387.62	386.00	No	12.87
12	130.0	0.72	387.67	386.73	Yes	22.53
13	183.0	1.27	388.32	386.00	No	12.82
Temp. #1	240.0	4.19	407.16	397.11	No	31.02
Temp. #2	415.2	2.35	405.50	395.74	No	23.23

Minimum slope on all swales = .003 ft/ft

STRUCTURE NUMBER	LOCATION Station	LEFT	RIGHT	CROSS	SIZE in.	DESCRIPTION	LENGTH ft.	FLOW LINE			SLOPE %	BORROW Elev.	AD = Rim or FG Elev.
								UP STREAM	DOWN STREAM				
								Elev.	Elev.				
Green River Rd.													
FES# 704					21" FES			386.58	386.51	1.21			
P# 703					21 RCP CL III	24.0		386.51	386.32	1.21			
MH# 702					30"x30" Box				386.32		389.00		
P# 701					21 RCP CL III	34.6		386.32	385.90	1.21			
FES# 700					21" FES			385.90	385.82	1.21			
Primary Spillway													
FES# 707					15" FES			392.00	391.83	2.77			
P# 706					15 RCP CL III	24.0		391.73	391.17	2.77			
FES# 705					15" FES			391.17	391.00	2.77			
Road #1													
Cl# 713	22+20.94				24" x 36" Box				392.98		395.48		
P# 712					12 RCP CL III	27.0		392.98	392.84	0.52			
Cl# 711	22+20.94				24" x 36" Box				392.84		395.48		
P# 710					15 RCP CL III	161.3		392.64	392.09	1.58			
FES# 709	22+20.94				15" FES			392.09	392.00	1.58			
Road #2													
P# 731		X			36 RCP CL III	32.0		395.74	395.58	0.50	B		
Cl# 728	16+40.33	X			96" Manhole			395.58	395.18		B	404.81	
FES# 730		X			30" FES				397.44				
P# 729		X			30 RCP CL III	64.0		397.44	395.96	2.32	B		
Cl# 728	16+40.33	X			96" Manhole			395.96	395.18		B	404.81	
P# 727		X			42 RCP CL III	42.6		395.18	394.97	0.50	B		
Cl# 724	16+82.86	X			72" Manhole				394.97		B	404.72	
Cl# 726	16+82.86	X			24" x 36" Box				400.14		B	404.87	
P# 725		X			12 RCP CL III	37.1		400.14	399.40	2.00	B		
Cl# 724	16+82.86	X			72" Manhole			399.40	394.97		B	404.72	
P# 723		X			42 RCP CL III	131.9		394.97	394.31	0.50	B		
MH# 720	18+08.11	X			72" Manhole				394.31				
FES# 722	18+08.11	X			18" FES			400.78	400.29	6.71			
P# 721		X			18 RCP CL III	10.0		400.36	399.69	6.71			
MH# 720	18+08.11	X			72" Manhole			399.69	394.31				
P# 719		X			42 RCP CL III	193.4		394.31	393.34	0.50	B		
MH# 718	20+01.52	X			72" Manhole				393.34				
Cl# 737	19+36.22	X			24" x 36" Box				397.10		B	399.60	
P# 736		X			12 RCP CL III	65.5		397.10	396.21	1.36	B		
Cl# 733	20+01.48	X			24" x 36" Box			396.21	396.01		B	398.95	
Cl# 735	20+01.48	X			24" x 36" Box				396.45		B	398.95	
P# 734		X			12 RCP CL III	27.3		396.45	396.21	0.88	B		
Cl# 733	20+01.48	X			24" x 36" Box			396.21	396.01		B	398.95	
P# 732		X			15 RCP CL III	17.1		396.01	395.14	5.09	B		
MH# 718	20+01.52	X			72" Manhole				395.14				
MH# 718	20+01.52	X			72" Manhole				393.34				
P# 717		X			42 RCP CL III	118.0		393.34	392.75	0.50			
MH# 716	21+07.55	X			72" Manhole				392.75				
P# 715		X			42 RCP CL III	142.1		392.75	392.04	0.50			
FES# 714		X			42" FES			392.04	392.00	0.50			

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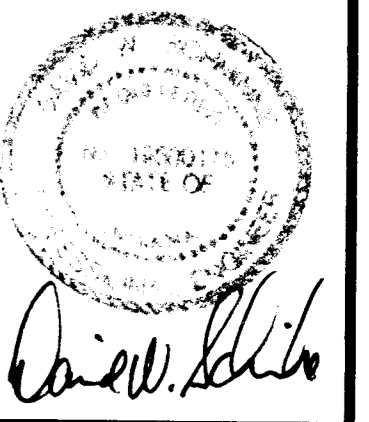
STRUCTURE NUMBER	LOCATION Station	LEFT	RIGHT	CROSS	SIZE in.	DESCRIPTION	LENGTH ft.	FLOW LINE			SLOPE %	BORROW Elev.	AD = Rim or FG Elev.
								UP STREAM	DOWN STREAM				
								Elev.	Elev.				
Road #3													
Cl# 740	11+20.51	X			24" x 36" Box				407.20		B	410.31	
P# 741		X			12 RCP CL III	36.1		407.20	406.82	1.05	B		
Cl# 742	11+20.51	X			24" x 36" Box			406.82	406.82		B	409.39	
P# 743		X			12 RCP CL III	260.0		406.82	401.91	1.89	B		
MH# 748	8+60.00	X			48" Manhole			401.91	401.71				
Cl# 744	8+60.00	X			24" x 36" Box				402.30		B	404.80	
P# 745		X			12 RCP CL III	27.0		402.30	402.16	0.52	B		
Cl# 746	8+60.00	X			24" x 36" Box			402.16	401.96		B	404.80	
P# 747		X			15 RCP CL III	9.1		401.96	401.91	0.55	B		
MH# 748	8+60.00	X			48" Manhole				401.91				
P# 749		X			15 RCP CL III	157.6		401.91	392.38	6.05			
FES# 750		X			15" FES			392.38	392.00	6.05			
Road #7													
Cl# 751	7+22.57	X			24" x 36" Box				415.50		B	418.00	
P# 752		X			12 RCP CL III	194.1		415.50	411.30	2.16	B		
FES# 753		X			12" FES			411.30	411.17	2.16			
Road #8													
Cl# 754	7+83.85	X			24" x 36" Box				402.10		B	404.60	
P# 755		X			12 RCP CL III	57.2		402.10	401.27	1.45	B		
Cl# 756	7+83.85	X			24" x 36" Box				401.27		B	404.60	
P# 757		X			15 RCP CL III	162.7		401.27	392.34	5.49	B		
FES# 758		X			15" FES			392.34	392.00	5.49			
Green River Rd.													
FES# 762					12" FES			386.00	385.86	2.29			
P# 761					12 RCP CL III	12.7		385.86	385.57	2.29			
MH# 760					30"x30" Box			385.57	384.77			388.31	
FES# 764					12" FES			386.00	385.90	1.69			
P# 763					12 RCP CL III	19.4		385.90	385.57	1.69			
MH# 760					30"x30" Box			385.57	384.77			388.31	

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No.	By	Date	Description



Project: Windham Hill Subdivision - Section 1  
 Windham Hill LLC  
 Sheet Title: Structure Data and Swale Tables

Scale: None  
 Designed By: J.M.K. Job Number: 4780-4-J  
 Drawn By: D.W.N. Date: 03/09/01  
 Checked By: WestDATA.dwg  
 Sheet Number:

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