

**PREPARATORY SURVEY FOR
NATIONAL ROAD NO. 5
IMPROVEMENT PROJECT
(PREK KDAM- THLEA MA'AM SECTION)
IN THE KINGDOM OF CAMBODIA**

**FINAL REPORT
(VOLUME II APPENDIX)**

DECEMBER 2013

**JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL**

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NATIONAL ROAD NO. 5 (SOUTH SECTION) IMPROVEMENT PROJECT
FINAL REPORT
(Volume II Appendix)
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APPENDIX 4-1

ROAD INVENTORY DATA


KP31~KP33 Inventory Data


	KP 31							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	-		10.7 m			-		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Slope (L)	
	2.3 m		1:2		1.3 m		1:2	
	Land Use		Obstacles			Dist. from		
Left Side		Shop		Shop		3.0 m		
Right Side		Residence		Power Pole		3.0 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x		x	x	x			


	KP 32							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	-		10.5 m			-		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Slope (L)	
	4.0 m		1:2		3.5 m		1:2	
	Land Use		Obstacles			Dist. from		
Left Side		Swamp		House		4.0 m		
Right Side		Residence		House		2.0 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x		x	x	x			

	KP 33							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	-		10.1 m			-		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Slope (L)	
	4.3 m		1:2		3.9 m		1:1	
	Land Use		Obstacles			Dist. from		
Left Side		Swamp		Pole		4.0 m		
Right Side		Residence		House		2.0 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x		x			


KP34~KP36 Inventory Data


	KP 34							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	-		10.3m			-		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Slope (L)	
	4.4m		1:2		4.3m		1:2	
	Land Use		Obstacles			Dist. from		
Left Side		Swam		Power Pole		3.5 m		
Right Side		Swam		House		-		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
			x	x				


	KP 35							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	-		10.8m			-		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Slope (L)	
	0.5m		1:8		0.5m		1:8	
	Land Use		Obstacles			Dist. from		
Left Side		Institute		Power Pole		6 m		
Right Side		Residence		House		23.5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x		x	x				

	KP 36							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	-		10.2m			-		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Slope (L)	
	0.5m		1:8		0.5m		1:8	
	Land Use		Obstacles			Dist. from		
Left Side		Residence		Power Pole		5 m		
Right Side		Residence		House		7 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x		x	x				


KP37~KP39 Inventory Data


		KP 37						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		-		10.3m			-	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		0.5m		1:8		2.1m		1:1
		Land Use		Obstacles			Dist. from	
		Left Side		Residence		Power Pole		4 m
		Right Side		Commercial		Shop		8 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x	x			


		KP 38						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		3.5		8.6m			1.5	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		Level		-		Level		-
		Land Use		Obstacles			Dist. from	
		Left Side		Commercial		Power Pole		5 m
		Right Side		Institute		Temple		4 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x				

		KP 39						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		2.0		7.9m			2.0	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		Level		-		Level		-
		Land Use		Obstacles			Dist. from	
		Left Side		Commercial		Shop		3 m
		Right Side		Commercial		Shop		1 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x					


KP40~KP42 Inventory Data


		KP 40						
		Road Width						
		Shoulder (L)		Carriageway		Shoulder (R)		
		1.5m		10.1		2.5		
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		1.0m		1:2		1.0m		1:2
		Land Use		Obstacles		Dist. from		
Left Side		Paddy		-		-		
Right Side		Paddy		Power Pole		20 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x	x	x		


		KP 41						
		Road Width						
		Shoulder (L)		Carriageway		Shoulder (R)		
		1.5		8 m		1.0		
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		1.7m		2:3		1.9m		2:5
		Land Use		Obstacles		Dist. from		
Left Side		Swamp		-		-		
Right Side		Swamp		Power Pole		19 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x	x			

		KP 42						
		Road Width						
		Shoulder (L)		Carriageway		Shoulder (R)		
		2.5		9.5m		1.5		
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		1.0m		1:1		1.2m		1:2
		Land Use		Obstacles		Dist. from		
Left Side		Commercial		Shop		11m		
Right Side		Commercial		Power Pole		13m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x	x	x		


KP43~KP45 Inventory Data


		KP 43						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		2.0		10.3			2.5	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		Level		-		Level		-
		Land Use		Obstacles			Dist. from	
		Left Side		House		House		5.5m
Right Side		Paddy		Power Pole		14.5m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x	x		Maybe	


		KP 44						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		2.5		9.9m			2.5	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		0.5m		1:2		0.8m		1:2
		Land Use		Obstacles			Dist. from	
		Left Side		Paddy		-		-
Right Side		Farm		Power Pole		13m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
			x	x	x		Maybe	

		KP 45						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		2.0		9.9m			3.0	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		Level		-		Level		-
		Land Use		Obstacles			Dist. from	
		Left Side		Paddy		Power Pole		9.5 m
Right Side		Paddy		Power Pole		15m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x		x	x	x		Maybe	


KP46~KP48 Inventory Data


		KP 46							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.5		9.3		2.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		2.0m		-		1.0m		1:2	
		Land Use		Obstacles		Dist. from			
Left Side		Factory		Fence		8.5m			
Right Side		Swamp		Power Pole		14.5m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
			x	x	x				


		KP 47							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		2.5		9.3m		2.5			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		Level		-		Level		-	
		Land Use		Obstacles		Dist. from			
Left Side		Factory		Factory		23.5m			
Right Side		Factory		Power Pole		16m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x			x		

		KP 48							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		2.5		9.8m		0.5			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		Level		-		Level		-	
		Land Use		Obstacles		Dist. from			
Left Side		Residence		House		5.5 m			
Right Side		Residence		House		5.5m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x			x	x		x		


KP49~KP51 Inventory Data


		KP 49						
		Road Width						
		Shoulder (L)		Carriageway		Shoulder (R)		
		2.0		9.2		0.5		
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		2.8		1:2		0.5m		1:2
		Land Use		Obstacles		Dist. from		
Left Side		Paddy		-		-		
Right Side		Farm		Fence		16.5m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x	x			


		KP 50						
		Road Width						
		Shoulder (L)		Carriageway		Shoulder (R)		
		2.5		7.6m		2.5		
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		1.0m		1:3		1.0m		1:2
		Land Use		Obstacles		Dist. from		
Left Side		Paddy		-		-		
Right Side		Residence		Power pole		14 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
			x	x	x			

		KP 51						
		Road Width						
		Shoulder (L)		Carriageway		Shoulder (R)		
		1.5		9.0m		1.0		
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Slope (L)
		1.0m		1:2		1.0m		1:2
		Land Use		Obstacles		Dist. from		
Left Side		Paddy		-		-		
Right Side		Paddy		Power Pole		19.5m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x		x		


KP52~KP54 Inventory Data


								KP 52							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								2.0		9.7				1.5	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Slope (L)	
								Level		-		0.6m		1:1	
								Land Use		Obstacles				Dist. from	
								Left Side		Residence		House		6m	
								Right Side		School		Power Pole		3m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
	x	x	x	x											


								KP 53							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								2.0		9.3m				2.5	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Slope (L)	
								Level		-		Level		-	
								Land Use		Obstacles				Dist. from	
								Left Side		Commercial		House		5 m	
								Right Side		commercial		Power Pole		4.5m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
	x	x	x	x		x									

								KP 54							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								2.5		9.8m				2.5	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Slope (L)	
								Level		-		Level		-	
								Land Use		Obstacles				Dist. from	
								Left Side		Residence		House		14.5 m	
								Right Side		Residence		Power Pole		5 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
	x		x	x	x										


KP55~KP57 Inventory Data


								KP 55									
								Road Width									
								Shoulder (L)		Carriageway				Shoulder (R)			
								3.0		10.1				2.5			
								Road Height									
								Embank (L)		Slope (L)		Embank (R)		Slope (L)			
								level		-		Level		-			
								Land Use			Obstacles			Dist. from			
								Left Side			Residence			House		12m	
								Right Side			Residence			Power pole		19.5m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow										
			x	x	x												


								KP 56									
								Road Width									
								Shoulder (L)		Carriageway				Shoulder (R)			
								3.0		9.6m				1.0			
								Road Height									
								Embank (L)		Slope (L)		Embank (R)		Slope (L)			
								0.5m		1:2		0.5m		1:2			
								Land Use			Obstacles			Dist. from			
								Left Side			Factory			Fence		11m	
								Right Side			Paddy			Power Pole		10m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow										
	x		x	x	x	x	x										

								KP 57									
								Road Width									
								Shoulder (L)		Carriageway				Shoulder (R)			
								3.0		9.9m				2.0			
								Road Height									
								Embank (L)		Slope (L)		Embank (R)		Slope (L)			
								Level		-		Level		-			
								Land Use			Obstacles			Dist. from			
								Left Side			Residence			Fence		9 m	
								Right Side			Residence			House		9 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow										
	x	x	x	x	x		x										


KP58~KP60 Inventory Data


		KP 58							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		2.0		9.9		1.5			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		3.0m		1:3		2.0m		1:3	
Land Use		Obstacles			Dist. from				
Left Side		Swamp			-				
Right Side		Residence		Power Pole		19 m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x		x	x	x				


		KP 59							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		3.0		9.9m		1.5			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		Level		-		0.5m		1:4	
Land Use		Obstacles			Dist. from				
Left Side		University			House		10 m		
Right Side		Residence		Fence		9m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x	x		Maybe		

		KP 60							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		2.5		9.9m		2.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		0.5m		1:4		0.5m		1:2	
Land Use		Obstacles			Dist. from				
Left Side		Residence			Fence		10 m		
Right Side		Farm		Power Pole		19.5m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x		x	x	x		Maybe		


KP61~KP63 Inventory Data


		KP 61							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.0		9.9m		2.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		1.5m		1:1		2.0m		1:1	
		Land Use		Obstacles		Dist. from			
		Left Side		Swamp		-		-	
		Right Side		Paddy		Power Pole		19 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x	x				


		KP 62							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.5		9.9m		1.5			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		1.5m		1:1		2.0		1:1	
		Land Use		Obstacles		Dist. from			
		Left Side		Paddy		-		-	
		Right Side		Paddy		Power Pole		20 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x	x				

		KP 63							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		2.0		10.3m		1.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		1.8m		1:2		1.5m		1:2	
		Land Use		Obstacles		Dist. from			
		Left Side		Paddy		-		-	
		Right Side		Paddy		Power Pole		20 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x	x				


KP64~KP66 Inventory Data


		KP 64							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.5		10.2m		2.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		0.8m		1:5		0.5m		1:3	
		Land Use		Obstacles		Dist. from			
Left Side		Swamp		-		-			
Right Side		Paddy		Power Pole		18.5 m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x			x		


		KP 65							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.5		10.4m		1.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		1.0m		1:2		1.0m		1:2	
		Land Use		Obstacles		Dist. from			
Left Side		Paddy		-		-			
Right Side		Swamp		Power Pole		20m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x		x	x		

		KP 66							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.5		10.3m		1.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		0.5m		1:2		1.0m		1:2	
		Land Use		Obstacles		Dist. from			
Left Side		Paddy		Fence		6 m			
Right Side		Paddy		Power Pole		20m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x		x	x	x		Maybe		


KP67~KP69 Inventory Data


		KP 67							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		2.0		10.6m		3.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		0.5m		1:3		Level		-	
		Land Use		Obstacles		Dist. from			
		Left Side		Paddy		-		-	
		Right Side		Paddy		Fence		6 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x	x		x		


		KP 68							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		2.0		9.5 m		1.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		3.5m		1:3		2.5m		1:2	
		Land Use		Obstacles		Dist. from			
		Left Side		Swamp		-		-	
		Right Side		Swamp		Power Pole		21 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x		x			

		KP 69							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.5		9.3m		1.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		0.8m		1:2		0.7m		1:2	
		Land Use		Obstacles		Dist. from			
		Left Side		Paddy		-		-	
		Right Side		Paddy		Power Pole		20.5m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x	x		x		


KP70~KP72 Inventory Data


		KP 70							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.5		9.7m		2.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		0.5m		1:4		0.5m		1:4	
		Land Use		Obstacles		Dist. from			
Left Side		Swamp		-		-			
Right Side		Paddy		Power Pole		20.5m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x		x	x	x	x	x		


		KP 71							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.5		9.5m		2.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		0.5m		1:5		0.5m		1:5	
		Land Use		Obstacles		Dist. from			
Left Side		Paddy		Church		20.5 m			
Right Side		Swamp		Power Pole		18.5 m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x	x	x	x		

		KP 72							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		2.0		9.2m		2.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		Level		-		Level		-	
		Land Use		Obstacles		Dist. from			
Left Side		Farm		Fence		8 m			
Right Side		House		Power Pole		19 m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x		x	x	x		x		


KP73~KP75 Inventory Data

		KP 73							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.5		9.9m		2.0			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		Level		-		Level		-	
		Land Use		Obstacles		Dist. from			
		Left Side		Residence		Fence		7 m	
		Right Side		Residence		Factory		8 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x	x		x		


		KP 74							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.0		9.3m		1.5			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		1.5m		1:6		1.0m		1:4	
		Land Use		Obstacles		Dist. from			
		Left Side		Paddy		-		-	
		Right Side		Private Property		Power Pole		18 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x	x		x		


		KP 75							
		Road Width							
		Shoulder (L)		Carriageway		Shoulder (R)			
		1.5		9.2m		1.5			
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Slope (L)	
		Level		-		0.5m		1:4	
		Land Use		Obstacles		Dist. from			
		Left Side		Residence		Church		20 m	
		Right Side		Residence		Power Pole		20 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x		x	x	x		x		


KP76 Inventory Data

		KP 76											
		Road Width											
		Shoulder (L)		Carriageway		Shoulder (R)							
		1.5		9.5m		1.0							
		Road Height											
		Embank (L)		Slope (L)		Embank (R)		Slope (L)					
		Level		-		Level		-					
		Land Use			Obstacles			Dist. from					
		Left Side			Tree Garden			Fence			6 m		
		Right Side			Nothing			Power Pole			20 m		
Road Condition		Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow					
				x	x	x		x					


KP77~KP79 Inventory Data


		KP 77						
		Road Width						
		Shoulder (L)		Carriageway		Shoulder (R)		
		2.5		9.8m		1.5		
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Embank (L)
		Level		-		Level		-
		Land Use		Obstacles		Dist. from		
		Left Side		Paddy		-		-
		Right Side		Paddy		Power Pole		20 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x	x		x	


		KP 78						
		Road Width						
		Shoulder (L)		Carriageway		Shoulder (R)		
		2.0		9.8m		1.5		
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Embank (L)
		Level		-		Level		-
		Land Use		Obstacles		Dist. from		
		Left Side		Private Property		Fence		19.5 m
		Right Side		Farm		Power Pole		21.5 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x		x	x	x			

		KP 79						
		Road Width						
		Shoulder (L)		Carriageway		Shoulder (R)		
		1.5		10.0 m		1.0		
		Road Height						
		Embank (L)		Slope (L)		Embank (R)		Embank (L)
		Level		-		Level		-
		Land Use		Obstacles		Dist. from		
		Left Side		Residence		Power Pole (LV)		16.5 m
		Right Side		Residence		Fence		8 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x		x	x	x			


KP80~KP82 Inventory Data


	KP 80							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		9.5m			1.0		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	Level		-		Level		-	
	Land Use		Obstacles			Dist. from		
	Left Side		Residence		Power Pole		4 m	
Right Side		Residence		House		8 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
		x		x	x			


	KP 81							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		10.6m			1.0		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	Level		-		Level		-	
	Land Use		Obstacles			Dist. from		
	Left Side		Residence		Power Pole		5 m	
Right Side		Residence		Power Pole		9.5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
		x		x	x			

	KP 82							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		10.2m			1.5		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	1.7m		1:2		1.5m		1:2	
	Land Use		Obstacles			Dist. from		
	Left Side		Paddy		-		-	
Right Side		Paddy		Power Pole		15 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x			x				


KP83~KP85 Inventory Data


		KP 83					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		9.7m		1.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		2.4m		1:2		2.2m	1:3
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		-		-	
Right Side		Paddy		Power Pole		14.5 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
		x		x			


		KP 84					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		2.0		10.6m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.7m		1:4		1.0m	1:4
		Land Use		Obstacles		Dist. from	
Left Side		Residence		House		21 m	
Right Side		Private Property		Power Pole		14.5 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
				x			

		KP 85					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		10.6m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.5m		1:4		0.5m	1:4
		Land Use		Obstacles		Dist. from	
Left Side		Residence		House		26 m	
Right Side		Residence		Power Pole		14 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
		x	x	x			


KP86~KP88 Inventory Data


	KP 86								
	Road Width								
	Shoulder (L)		Carriageway			Shoulder (R)			
	1.5		10.5m			1.0			
	Road Height								
	Embank (L)		Slope (L)		Embank (R)		Embank (L)		
	1.0m		1:3		1.0m		1:3		
	Land Use		Obstacles			Dist. from			
Left Side		Paddy			-			-	
Right Side		Private Property		Power Pole		15 m			
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
				x	x				


	KP 87							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	3.0		10.2m			3.0		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	Level		-		Level		-	
	Land Use		Obstacles			Dist. from		
Left Side		Residence		Power Pole		8 m		
Right Side		Residence		Power Pole		4 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
				x	x			

	KP 88							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	2.0		11.0m			2.0		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	Level		-		Level		-	
	Land Use		Obstacles			Dist. from		
Left Side		Residence		Power Pole		2 m		
Right Side		Commercial		Power Pole		1 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x	x		x	


KP89~KP91 Inventory Data


		KP 89							
		Road Width							
		Shoulder (L)		Carriageway			Shoulder (R)		
		2.0		10.0m			2.0		
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Embank (L)	
		Level		-		Level		-	
		Land Use		Obstacles			Dist. from		
		Left Side		Residence		Power Pole		4 m	
		Right Side		Residence		Power Pole		2 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x		x	x				


		KP 90							
		Road Width							
		Shoulder (L)		Carriageway			Shoulder (R)		
		2.0		13.1m			Sidewalk		
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Embank (L)	
		Level		-		Level		-	
		Land Use		Obstacles			Dist. from		
		Left Side		Commercial		Power Pole		2 m	
		Right Side		Commercial		Private Property		-	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x		x			

		KP 91							
		Road Width							
		Shoulder (L)		Carriageway			Shoulder (R)		
		1.5		9.8m			2.0		
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Embank (L)	
		3.3m		1:2		3.2m		1:1	
		Land Use		Obstacles			Dist. from		
		Left Side		Commercial		Power Pole		4 m	
		Right Side		Commercial		Shop		4 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x	x	x	x			


KP92~KP94 Inventory Data


		KP 92					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		2.5		9.8m		1.5	
		Road Height					
		Embank (L)		Slope (L)	Embank (R)		Embank (L)
		Level		-		Level	-
		Land Use		Obstacles		Dist. from	
		Left Side		Residence		Power Pole	1 m
		Right Side		Residence		Fence	4 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x		x		x	


		KP 93					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.8m		1.5	
		Road Height					
		Embank (L)		Slope (L)	Embank (R)		Embank (L)
		1.0m		1:3	1.1m		1:3
		Land Use		Obstacles		Dist. from	
		Left Side		Residence		Fence	11 m
		Right Side		Residence		Fence	12 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x			x		x	

		KP 94					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.7m		1.5	
		Road Height					
		Embank (L)		Slope (L)	Embank (R)		Embank (L)
		1.0m		1:3	1.7m		1:2
		Land Use		Obstacles		Dist. from	
		Left Side		Private Property		Fence	10.5 m
		Right Side		Residence		Fence	6 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x			x	x	x	


KP95~KP97 Inventory Data


								KP 95							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								1.5		7.7m				1.5	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Embank (L)	
								1.5m		1:2		1.8m		1:2	
Land Use			Obstacles			Dist. from									
Left Side			Residence		Power Pole (LV)		8 m								
Right Side			Residence		Fence		18 m								
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
	x		x	x	x	x									


								KP 96							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								1.5		7.5m				2.0	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Embank (L)	
								1.2m		1:3		1.3m		1:2	
Land Use			Obstacles			Dist. from									
Left Side			Residence		Power Pole (LV)		10.5 m								
Right Side			Paddy		Power Pole		18.5 m								
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
	x			x		x									

								KP 97							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								1.5		7.8m				1.5	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Embank (L)	
								1.0m		1:3		1.1m		1:3	
Land Use			Obstacles			Dist. from									
Left Side			Paddy		Power Pole (LV)		9.5 m								
Right Side			Paddy		Power Pole		20.5 m								
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
	x					x									


KP98~KP100 Inventory Data


		KP 98					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		2.0		7.3m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.0m		1:3		0.5m	1:3
		Land Use		Obstacles		Dist. from	
Left Side		Residence		Advertisement	6 m		
Right Side		Residence		House	13 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x		x	x	x	x	


		KP 99					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.5m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.5m		1:4		1.1m	1:3
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	11 m		
Right Side		Paddy		Power Pole	15 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x			x		x	

		KP 100					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		2.0		7.4m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.3m		1:2		1.1m	1:3
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	7.5 m		
Right Side		Residence		Power Pole	11 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
		x	x	x	x	x	


KP101~KP103 Inventory Data


								KP 101							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								1.5		7.5m				2.0	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Embank (L)	
								0.7m		1:3		0.6m		1:4	
Land Use				Obstacles		Dist. from									
Left Side				Paddy		Power Pole (LV)		7 m							
Right Side				Residence		Power Pole		13 m							
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
	x	x	x	x		x									


								KP 102							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								2.0		7.7m				2.0	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Embank (L)	
								1.0m		1:3		1.5m		1:3	
Land Use				Obstacles		Dist. from									
Left Side				Residence		Fence		18 m							
Right Side				Residence		Power Pole		18.5 m							
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
		x	x	x		x									

								KP 103							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								2.0		7.7m				2.5	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Embank (L)	
								0.5m		1:5		0.6m		1:5	
Land Use				Obstacles		Dist. from									
Left Side				Farm		Fence		30 m							
Right Side				Paddy		Power Pole (LV)		19.5 m							
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
	x		x			x									


KP104~KP106 Inventory Data


		KP 104						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		1.5		7.5m			2.0	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)	Embank (L)	
		0.7m		1:5		0.8m	1:3	
		Land Use		Obstacles			Dist. from	
		Left Side		Farm		Power Pole (LV)	6 m	
		Right Side		Paddy		Fence	14.5 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
		x	x			x		


		KP 105						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		1.5		7.8m			1.5	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)	Embank (L)	
		1.0m		1:4		0.5m	1:4	
		Land Use		Obstacles			Dist. from	
		Left Side		Private Property		Power Pole (LV)	9.5 m	
		Right Side		Residence		House	13 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x		x	Maybe	

		KP 106						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		1.0		7.9m			2.0	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)	Embank (L)	
		2.7m		1:3		3.2m	1:3	
		Land Use		Obstacles			Dist. from	
		Left Side		Swamp		Power Pole (LV)	7 m	
		Right Side		Swamp		Power Pole	22 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
		x	x		x	x		


KP107~KP109 Inventory Data


	KP 107							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		7.4m			2.0		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	2.0m		1:3		1.8m		1:3	
	Land Use		Obstacles			Dist. from		
Left Side		Swamp		Power Pole (LV)		7 m		
Right Side		Swamp		Power Pole		24.5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x			x		


	KP 108							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.0		7.7m			2.0		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	1.5m		1:3		0.8m		1:6	
	Land Use		Obstacles			Dist. from		
Left Side		Farm		Power Pole (LV)		9 m		
Right Side		Residence		House		8 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x		x	x		

	KP 109							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	2.0		7.7m			2.0		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	0.7m		1:4		0.9m		1:5	
	Land Use		Obstacles			Dist. from		
Left Side		Residence		Power Pole (LV)		6 m		
Right Side		Residence		House		13 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
		x	x			x		


KP110~KP112 Inventory Data


		KP 110					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.7m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.5m		1:5		0.8m	1:2
		Land Use		Obstacles		Dist. from	
Left Side		Private Property		Power Pole (LV)	10.5 m		
Right Side		Residence		Power Pole	21.5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
		x	x			x	


		KP 111					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.0		8.4m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.8m		1:3		0.5m	1:5
		Land Use		Obstacles		Dist. from	
Left Side		Residence		Power Pole (LV)	9 m		
Right Side		Residence		Power Pole	18 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	

		KP 112					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.9m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.8m		1:5		0.5m	1:5
		Land Use		Obstacles		Dist. from	
Left Side		Private Property		Power Pole (LV)	9 m		
Right Side		Private Property		Power Pole	24 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x	x		x	


KP113~KP115 Inventory Data


		KP 113						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		1.0		8.1m			1.0	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)	Embank (L)	
		1.5m		1:2		1.5m	1:2	
		Land Use		Obstacles			Dist. from	
		Left Side		Paddy		Power Pole (LV)		9 m
		Right Side		Paddy		-		-
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x		x	x	x		


		KP 114						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		1.5		7.5m			2.0	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)	Embank (L)	
		2.0m		1:2		1.8m	1:2	
		Land Use		Obstacles			Dist. from	
		Left Side		Paddy		Power Pole (LV)		9 m
		Right Side		Paddy		-		-
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x		x	x		

		KP 115						
		Road Width						
		Shoulder (L)		Carriageway			Shoulder (R)	
		1.5		7.7m			2.0	
		Road Height						
		Embank (L)		Slope (L)		Embank (R)	Embank (L)	
		1.5m		1:2		1.7m	1:2	
		Land Use		Obstacles			Dist. from	
		Left Side		Paddy		Power Pole (LV)		6 m
		Right Side		Residence		Power Pole		20.5 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x		x	x		


KP116~KP118 Inventory Data


	KP 116							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		8.0m			2.0		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	1.6m		1:2		1.6m		1:2	
	Land Use		Obstacles			Dist. from		
Left Side				Paddy		Power Pole (LV)	8.5m	
Right Side				Paddy		Power Pole	22.5m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x			x		


	KP 117							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		7.7m			1.5		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	1.2m		1:4		2.2m		1:2	
	Land Use		Obstacles			Dist. from		
Left Side				Commercial		Power Pole (LV)	6 m	
Right Side				Residence		Power Pole	25.5 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x		x		x		

	KP 118							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		7.6m			1.5		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	0.8m		1:1		1.3m		1:1	
	Land Use		Obstacles			Dist. from		
Left Side				Paddy		Power Pole (LV)	9 m	
Right Side				Paddy		House	8 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x		x	x		


KP119~KP121 Inventory Data

	KP 119							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		7.6m			1.5		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	1.0m		1:2		1.0m		1:3	
	Land Use		Obstacles			Dist. from		
Left Side		Paddy		Power Pole (LV)		7m		
Right Side		Paddy		Power Pole		23m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x			x		


	KP 120							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		7.7m			1.5		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	1.2m		1:3		1.2m		1:3	
	Land Use		Obstacles			Dist. from		
Left Side		Paddy		Power Pole (LV)		8 m		
Right Side		Paddy		Power Pole		23.5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x			x		


	KP 121							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	2.0		7.4m			2.0		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	1.0m		1:3		0.7m		1:3	
	Land Use		Obstacles			Dist. from		
Left Side		Residence		Power Pole		8 m		
Right Side		Residence		House		7 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x	x	x	x		


KP122

		KP 122									
		Road Width									
		Shoulder (L)		Carriageway		Shoulder (R)					
		2.0		7.8m		2.0					
		Road Height									
		Embank (L)		Slope (L)		Embank (R)		Embank (L)			
		0.9m		1:3		1.1m		1:3			
Land Use			Obstacles			Dist. from					
Left Side			Residence			Power Pole			7 m		
Right Side			Residence			House			13.5 m		
Road Condition		Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow			
			x	x		x	x				


KP123~KP125 Inventory Data


		KP 123					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.5m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		Level		-		0.7 m	1:1
		Land Use		Obstacles		Dist. from	
		Left Side		Town		Power Pole	8 m
		Right Side		Town		Power Pole	5 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	


		KP 124					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.6 m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		Level		-		Level	-
		Land Use		Obstacles		Dist. from	
		Left Side		Town		Fence	5 m
		Right Side		Town		Fence	5 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x			x	

		KP 125					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.3 m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.2 m		1:3		1.4 m	1:2
		Land Use		Obstacles		Dist. from	
		Left Side		Residence		Power Pole	5.5 m
		Right Side		Paddy		House	10.5 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
		x	x		x	x	


KP126~KP128 Inventory Data


	KP 126							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		7.7m			2.0		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	1.0m		1:3		1.0m		1:3	
	Land Use		Obstacles			Dist. from		
Left Side		Paddy		Power Pole (LV)		10 m		
Right Side		Paddy		House		10 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
		x	x			x		


	KP 127							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	2.0		7.7m			1.5		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	0.9m		1:2		0.8m		1:2	
	Land Use		Obstacles			Dist. from		
Left Side		Paddy		Power Pole (LV)		9.5 m		
Right Side		Paddy		Fence		5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x		x	x		

	KP 128							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		7.2m			1.5		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	0.9m		1:2		1.2m		1:2	
	Land Use		Obstacles			Dist. from		
Left Side		Paddy		Power Pole (LV)		8 m		
Right Side		Paddy		House		13 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x		x	x	x	


KP129~KP131 Inventory Data


		KP 129							
		Road Width							
		Shoulder (L)		Carriageway			Shoulder (R)		
		1.0		7.1m			1.0		
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Embank (L)	
		0.8m		1:2		1.0m		1:3	
		Land Use		Obstacles			Dist. from		
		Left Side		Paddy		Power Pole		6.5 m	
		Right Side		Paddy		House		37 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x			x	x	x		


		KP 130							
		Road Width							
		Shoulder (L)		Carriageway			Shoulder (R)		
		2.0		7.6m			2.0		
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Embank (L)	
		0.7m		1:3		0.9m		1:4	
		Land Use		Obstacles			Dist. from		
		Left Side		Residence		Power Pole (LV)		10 m	
		Right Side		Residence		Fence		7 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x		x	x			

		KP 131							
		Road Width							
		Shoulder (L)		Carriageway			Shoulder (R)		
		1.5		7.8m			1.5		
		Road Height							
		Embank (L)		Slope (L)		Embank (R)		Embank (L)	
		1.5m		1:3		0.8m		1:2	
		Land Use		Obstacles			Dist. from		
		Left Side		Duck Farm		Power Pole (LV)		6 m	
		Right Side		Duck Farm		House		8 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x			x			


KP132~KP134 Inventory Data


								KP 132							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								1.0		7.6m				1.0	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Embank (L)	
								0.7m		1:3		0.9m		1:2	
Land Use			Obstacles			Dist. from									
Left Side				Private Property		Power Pole (LV)		8 m							
Right Side				Private Property		House		26 m							
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
	x	x	x		x	x									


								KP 133							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								1.5		7.4m				1.0	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Embank (L)	
								1.2m		1:3		1.6m		1:2	
Land Use			Obstacles			Dist. from									
Left Side				Temple		Power Pole (LV)		9 m							
Right Side				Residence		House		7 m							
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
	x	x	x			x									

								KP 134							
								Road Width							
								Shoulder (L)		Carriageway				Shoulder (R)	
								1.0		8.1m				1.5	
								Road Height							
								Embank (L)		Slope (L)		Embank (R)		Embank (L)	
								1.0m		1:3		1.6m		1:3	
Land Use			Obstacles			Dist. from									
Left Side				Private Property		Power Pole (LV)		8 m							
Right Side				Private Property		House		8 m							
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow								
	x	x	x		x										


KP135~KP137 Inventory Data


		KP 135					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		2.0		8.2m		1.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.7m		1:4		0.7m	1:5
		Land Use		Obstacles		Dist. from	
Left Side		Farm		Power Pole (LV)	9 m		
Right Side		Farm		House	35 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x				


		KP 136					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		8.2m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.2m		1:3		2.4m	1:3
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	9 m		
Right Side		Paddy		House	30.5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x		

		KP 137					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.9m		1.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.8m		1:2		0.6m	1:2
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	8 m		
Right Side		Paddy		House	36 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x		x


KP138~KP140 Inventory Data


		KP 138					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.9m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.0m		1:2		1.1m	1:4
		Land Use		Obstacles		Dist. from	
Left Side		Residence		Power Pole (LV)	22 m		
Right Side		Residence		House	12 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x			x		


		KP 139					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		2.0		8.0m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.7m		1:3		1.0m	1:2
		Land Use		Obstacles		Dist. from	
Left Side		Residence		Power Pole (LV)	8 m		
Right Side		Residence		House	14.5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x		

		KP 140					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.9m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.8m		1:3		1.1m	1:4
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	9 m		
Right Side		Paddy		-	-		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x				Maybe


KP141~KP143 Inventory Data


		KP 141					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		8.1m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.3m		1:3		1.0m	1:4
		Land Use		Obstacles		Dist. from	
Left Side		Town		Power Pole (LV)	9 m		
Right Side		Town		Shop	7 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	


		KP 142					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		2.0		7.6m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.2m		1:2		1.3m	1:2
		Land Use		Obstacles		Dist. from	
Left Side		Residence		Power Pole (LV)	9 m		
Right Side		Residence		Fence	11 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x				x	

		KP 143					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		8.2m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.0m		1:3		0.9m	1:3
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	9 m		
Right Side		Paddy		House	14.5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x				x	


KP144~KP146 Inventory Data


		KP 144					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		8.3m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.7m		1:2		1.0m	1:3
		Land Use		Obstacles		Dist. from	
		Left Side		Paddy		Power Pole (LV)	8 m
		Right Side		Paddy		-	-
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	


		KP 145					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		8.2m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.0m		1:3		1.0m	1:4
		Land Use		Obstacles		Dist. from	
		Left Side		Private Property		Power Pole (LV)	24 m
		Right Side		Farm		Fence	26 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	

		KP 146					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		8.0m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.6m		1:5		0.7m	1:4
		Land Use		Obstacles		Dist. from	
		Left Side		Paddy		Power Pole (LV)	9 m
		Right Side		Paddy		Shop	6 m
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x	x	x	x	x


KP147~KP149 Inventory Data


		KP 147					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.0		7.8m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.7m		1:2		1.3m	1:4
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole	8 m		
Right Side		Private Property		House	20.5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	


		KP 148					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.2m		2.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.1m		1:3		1.0m	1:4
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	9 m		
Right Side		Paddy		Fence	12 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x		

		KP 149					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		8.1m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.2m		1:2		1.5m	1:2
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	9 m		
Right Side		Paddy		Fence	12 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x			x		


KP150~KP152 Inventory Data


	KP 150								
	Road Width								
	Shoulder (L)		Carriageway			Shoulder (R)			
	1.5		8.0m			1.5			
	Road Height								
	Embank (L)		Slope (L)		Embank (R)		Embank (L)		
	1.5m		1:2		1.5m		1:2		
	Land Use		Obstacles			Dist. from			
Left Side				Paddy		Power Pole (LV)		9.5 m	
Right Side				Paddy		Fence		10.5 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x		x				


	KP 151								
	Road Width								
	Shoulder (L)		Carriageway			Shoulder (R)			
	2.0		8.0m			2.0			
	Road Height								
	Embank (L)		Slope (L)		Embank (R)		Embank (L)		
	0.5m		1:6		0.5m		1:6		
	Land Use		Obstacles			Dist. from			
Left Side				Residence		Power Pole (LV)		8 m	
Right Side				Residence		Power Pole		14.5 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
	x	x	x		x				

	KP 152								
	Road Width								
	Shoulder (L)		Carriageway			Shoulder (R)			
	1.5		8.1m			2.0			
	Road Height								
	Embank (L)		Slope (L)		Embank (R)		Embank (L)		
	1.2m		1:3		1.0m		1:3		
	Land Use		Obstacles			Dist. from			
Left Side				Paddy		Power Pole (LV)		7 m	
Right Side				Paddy		Shop		10m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow		
			x		x	x			


KP153~KP155 Inventory Data


								KP 153								
								Road Width								
								Shoulder (L)		Carriageway				Shoulder (R)		
								1.5		7.3m				2.5		
								Road Height								
								Embank (L)		Slope (L)		Embank (R)		Embank (L)		
								0.6m		1:4		1.2m		1:4		
								Land Use			Obstacles			Dist. from		
								Left Side			Residence		Power Pole (LV)		6 m	
								Right Side			Paddy		Power Pole		7 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow									
	x	x	x		x	x										


								KP 154								
								Road Width								
								Shoulder (L)		Carriageway				Shoulder (R)		
								2.0		7.7m				2.0		
								Road Height								
								Embank (L)		Slope (L)		Embank (R)		Embank (L)		
								Level		-		Level		-		
								Land Use			Obstacles			Dist. from		
								Left Side			Town		Power Pole (LV)		7 m	
								Right Side			Town		Power Pole		7 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow									
						x										

								KP 155								
								Road Width								
								Shoulder (L)		Carriageway				Shoulder (R)		
								1.5		7.6m				1.0		
								Road Height								
								Embank (L)		Slope (L)		Embank (R)		Embank (L)		
								1.2m		1:3		1.2m		1:3		
								Land Use			Obstacles			Dist. from		
								Left Side			Residence		Shop		5 m	
								Right Side			Residence		Power Pole		22.5 m	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow									
	x	x	x		x	x										


KP156~KP158 Inventory Data


		KP 156					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		2.0		7.7m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.1m		1:2		0.5m	1:1
		Land Use		Obstacles		Dist. from	
Left Side		Residence		Power Pole (LV)	7 m		
Right Side		Residence		Power Pole	27 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x	x	x	x	x


		KP 157					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		2.0		7.3m		1.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.0m		1:1		0.7m	1:1
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	9 m		
Right Side		Paddy		Power Pole	22 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	x

		KP 158					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.1m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.8m		1:1		0.7m	1:3
		Land Use		Obstacles		Dist. from	
Left Side		Farm		Power Pole (LV)	8 m		
Right Side		Paddy		Gas Station	15m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	x


KP159~KP171 Inventory Data


		KP 159					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.0		7.7m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.7m		1:2		0.8m	1:2
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	8 m		
Right Side		Paddy		-	-		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x		x


		KP 160					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.7m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.2m		1:3		0.7m	1:1
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	9.5 m		
Right Side		Paddy		Power Pole (LV)	8 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	

		KP 161					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.0		7.4m		1.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.5m		1:2		1.5m	1:2
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	9 m		
Right Side		Residence		House	39 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	


KP162~KP164 Inventory Data


		KP 162					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.0		7.3m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.8m		1:2		1.1m	1:2
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	9 m		
Right Side		Paddy		House	32 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x		


		KP 163					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.0		7.6m		1.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.0m		1:3		1.0m	1:2
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	8 m		
Right Side		Paddy		House	34 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	Maybe

		KP 164					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.5		7.6m		1.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.6m		1:2		0.7m	1:2
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	8 m		
Right Side		Paddy		House	36 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x	x	Maybe


KP165~KP167 Inventory Data


	KP 165							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	2.0		7.2m			1.5		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	1.2m		1:2		0.9m		1:2	
	Land Use		Obstacles			Dist. from		
Left Side		Paddy		Power Pole (LV)		8 m		
Right Side		Paddy		Shop		23 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x		x	x		


	KP 166							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.0		7.6m			1.5		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	0.6m		1:2		1.1m		1:2	
	Land Use		Obstacles			Dist. from		
Left Side		Paddy		Power Pole (LV)		9 m		
Right Side		Paddy		Fence		20 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x			x			

	KP 167							
	Road Width							
	Shoulder (L)		Carriageway			Shoulder (R)		
	1.5		7.5m			2.5		
	Road Height							
	Embank (L)		Slope (L)		Embank (R)		Embank (L)	
	0.5m		1:5		0.5m		1:2	
	Land Use		Obstacles			Dist. from		
Left Side		Paddy		Power Pole (LV)		8 m		
Right Side		Paddy		House		34.5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow	
	x	x	x		x	x	x	


KP168~KP170 Inventory Data

		KP 168					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.0		7.6m		1.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.5m		1:2		0.2m	1:5
		Land Use		Obstacles		Dist. from	
Left Side		Residence		Shop	13 m		
Right Side		Paddy		Fence	18.5 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x	x	x		x		

		KP 169					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		2.0		7.4m		1.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.7m		1:2		0.8m	1:1
		Land Use		Obstacles		Dist. from	
Left Side		Residence		Shop	9 m		
Right Side		Paddy		Shop	7 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
	x		x		x		

		KP 170					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.0		7.3m		0.5	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		0.2m		1:8		0.7m	1:3
		Land Use		Obstacles		Dist. from	
Left Side		Paddy		Power Pole (LV)	8 m		
Right Side		Paddy		House	29 m		
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
			x				

KP171

		KP 171					
		Road Width					
		Shoulder (L)		Carriageway		Shoulder (R)	
		1.0		10.3m		2.0	
		Road Height					
		Embank (L)		Slope (L)		Embank (R)	Embank (L)
		1.6m		1:3		1.5m	1:4
Land Use		Obstacles			Dist. from		
Left Side		Paddy		Power Pole (LV)		9 m	
Right Side		Paddy		-		-	
Road Condition	Crack	Pothole	Depress	Flush	Rutting	Peel Off	Overflow
		x		x		x	

APPENDIX 7-1

INVENTORY SURVEY

ON

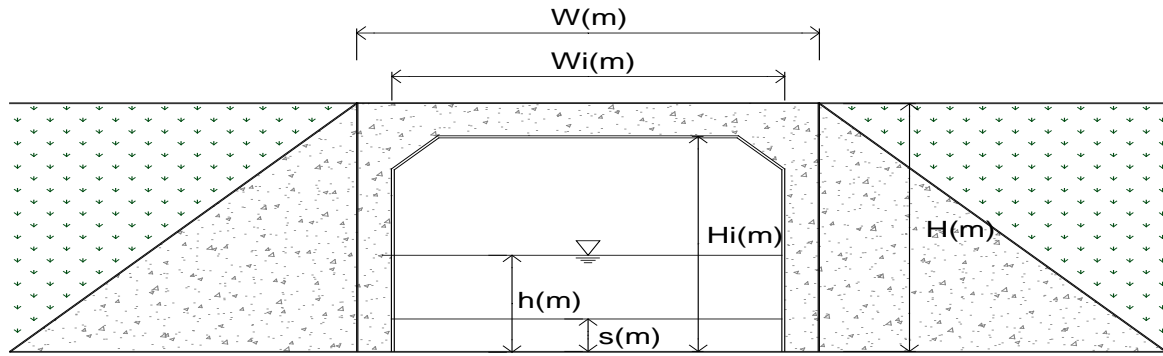
BOX CULVERTS AND PIPE CULVERTS

BOX CULVERT

KP: **40+053**

No.: **Bc03**

Date: **October 18, 2012**



1-BC

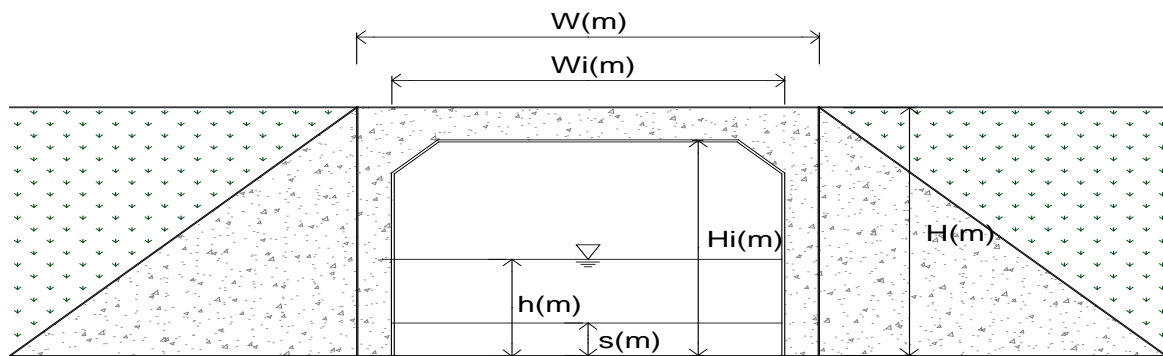
W	=	<i>N/A</i>	(m)
W _i	=	4.00	(m)
H	=	<i>N/A</i>	(m)
H _i	=	0.95	(m)
L	=	10.10	(m)
h	=	0.80	(m)
s	=	<i>N/A</i>	(m)

Mountain Side (Inlet)

KP: **44+630**

No.: **Bc04**

Date: **October 22, 2012**



1-BC

W	=	<i>N/A</i>	(m)
W _i	=	4.00	(m)
H	=	1.00	(m)
H _i	=	0.85 (1.00)	(m)
L	=	10.00	(m)
h	=	0.58 (0.73)	(m)
s	=	<i>N/A (0.15)</i>	(m)

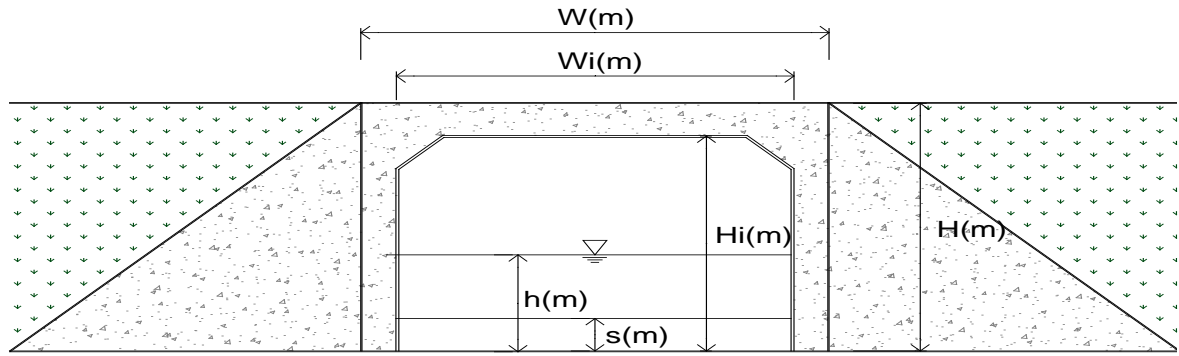
River Side (Outlet)

Note: BC means Box Culvert, W=Total Width, W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available. River means Tonle Sap River

KP: **47+250**

No.: **Bc05 (Outlet was covered)**

Date: **October 22, 2012**



I-BC

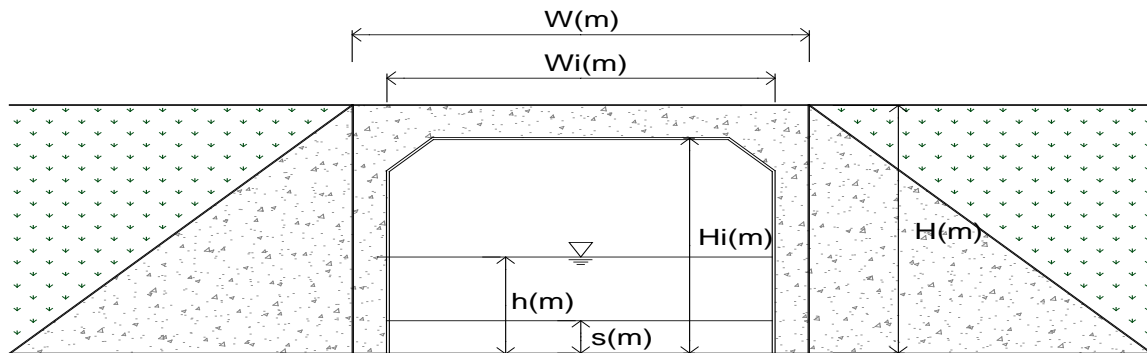
W	=	N/A	(m)
W _i	=	1.00	(m)
H	=	N/A	(m)
H _i	=	0.80 (1.00)	(m)
L	=	16.80	(m)
h	=	0.54 (0.74)	(m)
s	=	N/A (0.20)	(m)

Mountain Side (Inlet)

KP: **49+010**

No.: **Bc06**

Date: **October 22, 2012**



I-BC

W	=	N/A	(m)
W _i	=	4.00	(m)
H	=	1.00	(m)
H _i	=	0.70 (1.00)	(m)
L	=	12.50	(m)
h	=	0.50 (0.80)	(m)
s	=	N/A (0.30)	(m)

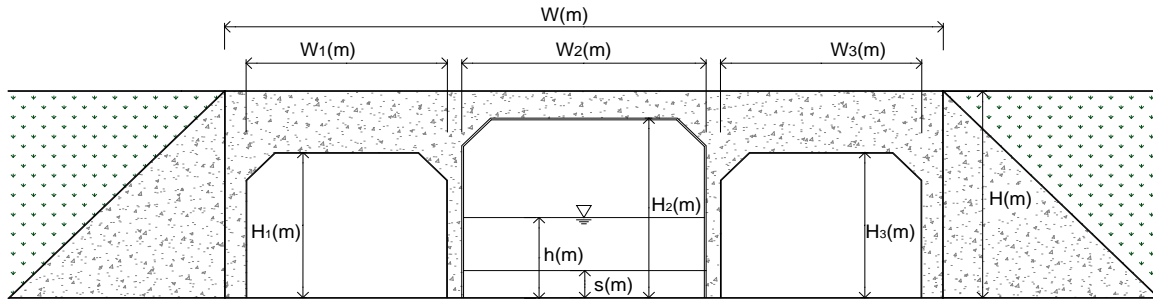
River Side (Outlet)

Note: BC means Box Culvert, W=Total Width, W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **51+300**

No.: **Bc07**

Date: **October 22, 2012**



3-BC

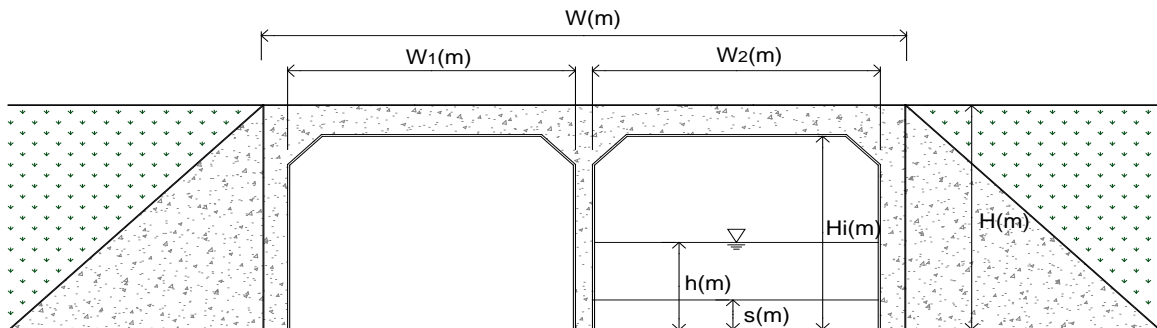
W	=	10.20	(m)
W ₁ , W ₃	=	3.30	(m)
W ₂	=	3.40	(m)
H	=	N/A	(m)
H ₁ , H ₃	=	2.10	(m)
H ₂	=	2.40	(m)
L	=	15.20	(m)
h	=	0.10	(m)
s	=	N/A	(m)

Mountain Side (Inlet)

KP: **53+630**

No.: **Bc08**

Date: **October 22, 2012**



2-BC

W	=	6.60	(m)
W ₁ , W ₂	=	3.00	(m)
H	=	N/A	(m)
H _i	=	1.30	(m)
L	=	10.35	(m)
h	=	0.56	(m)
s	=	N/A	(m)

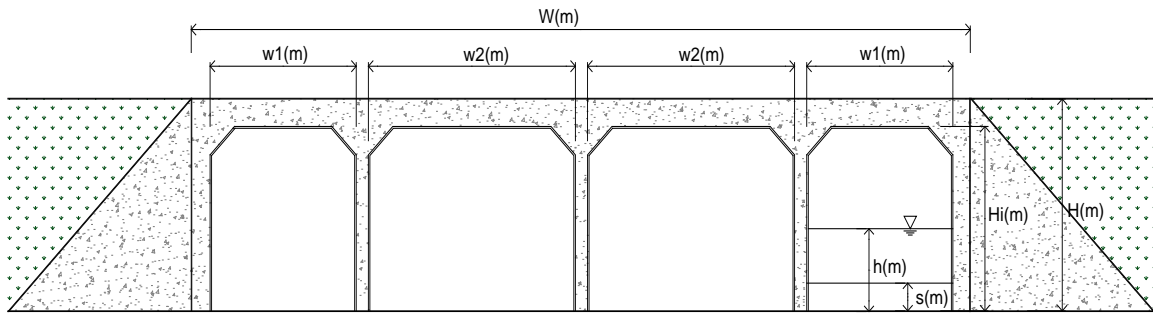
River Side (Outlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂/W₃=Net Width, H=Total Height, H₁/H₂/H₃/H_i= Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: 55+600

No.: Bc09

Date: October 22, 2012



4-BC

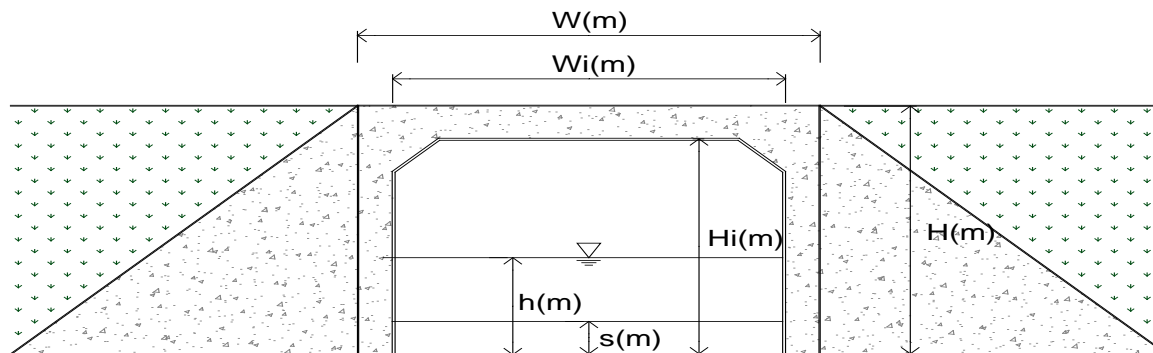
W	=	10.45	(m)
W ₁	=	0.50	(m)
W ₂	=	4.50	(m)
H	=	N/A	(m)
H _i	=	1.16	(m)
L	=	10.35	(m)
h	=	0.80	(m)
s	=	N/A	(m)

River Side (Outlet)

KP: 55+700

No.: Bc10

Date: October 22, 2012



1-BC

W	=	4.10	(m)
W _i	=	3.00	(m)
H	=	N/A	(m)
H _i	=	1.00	(m)
L	=	11.60	(m)
h	=	0.88	(m)
s	=	N/A	(m)

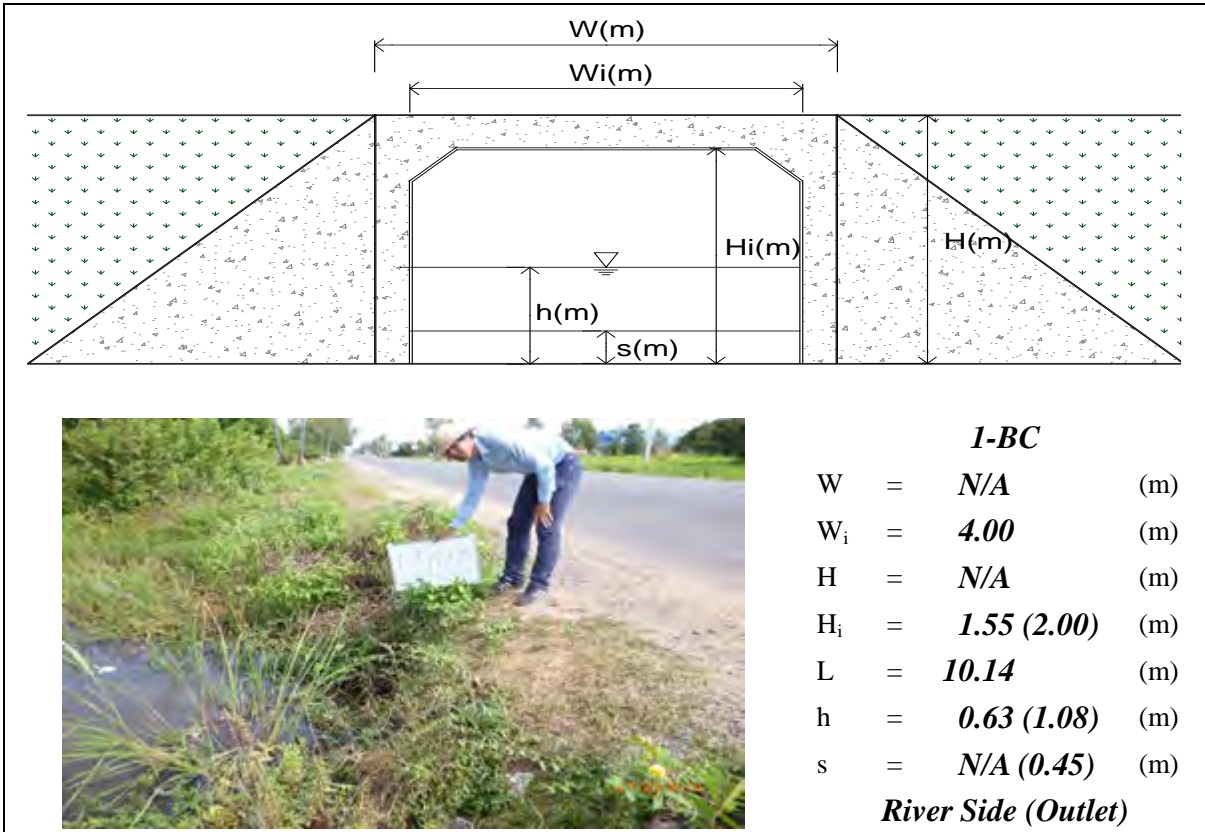
River Side (Outlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂/W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **59+600**

No.: **Bc11**

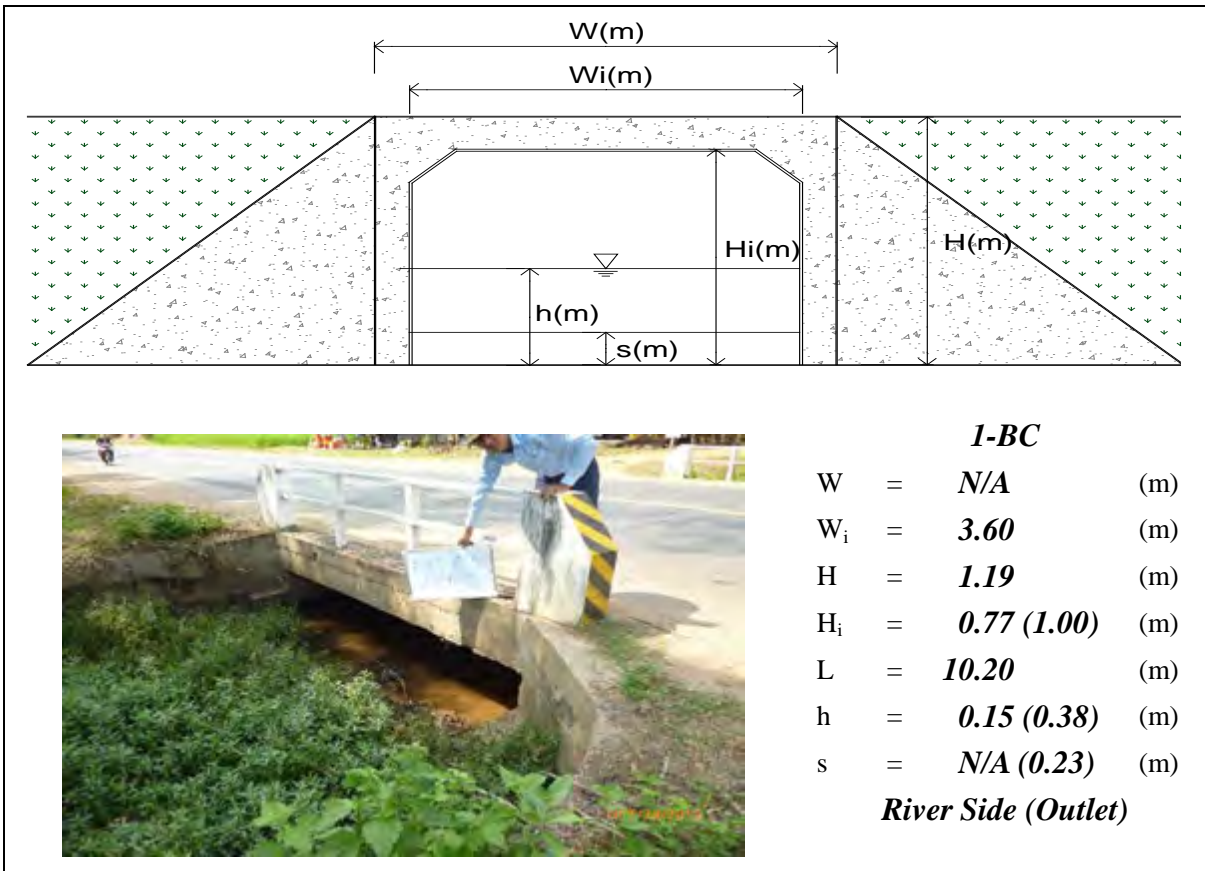
Date: **October 22, 2012**



KP: **59+920**

No.: **Bc12**

Date: **October 22, 2012**

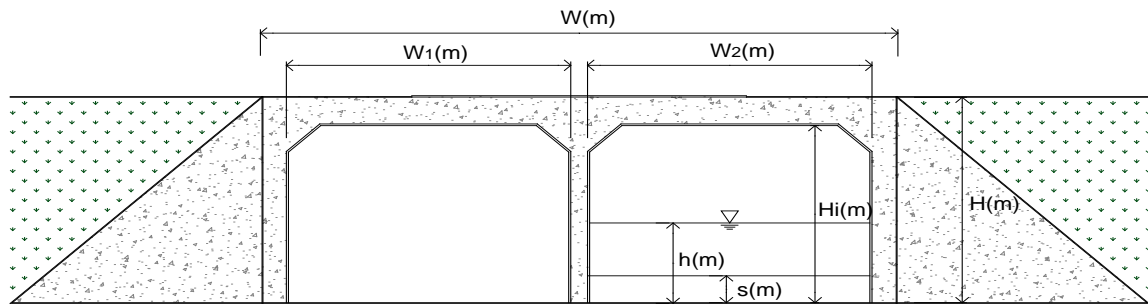


Note: BC means Box Culvert, W=Total Width, W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **61+200**

No.: **Bc13**

Date: **October 22, 2012**

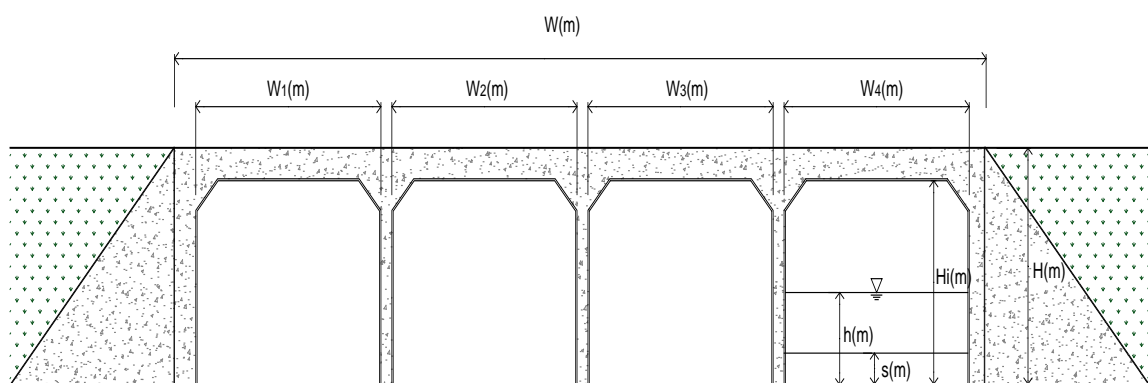


	2-BC	
W	=	5.70 (m)
W ₁ , W ₂	=	2.70 (m)
H	=	N/A (m)
H _i	=	1.74 (1.80) (m)
L	=	10.35 (m)
h	=	0.24 (0.30) (m)
s	=	N/A (0.06) (m)
		River Side (Outlet)

KP: **62+630**

No.: **Bc14 (with Slice Gate)**

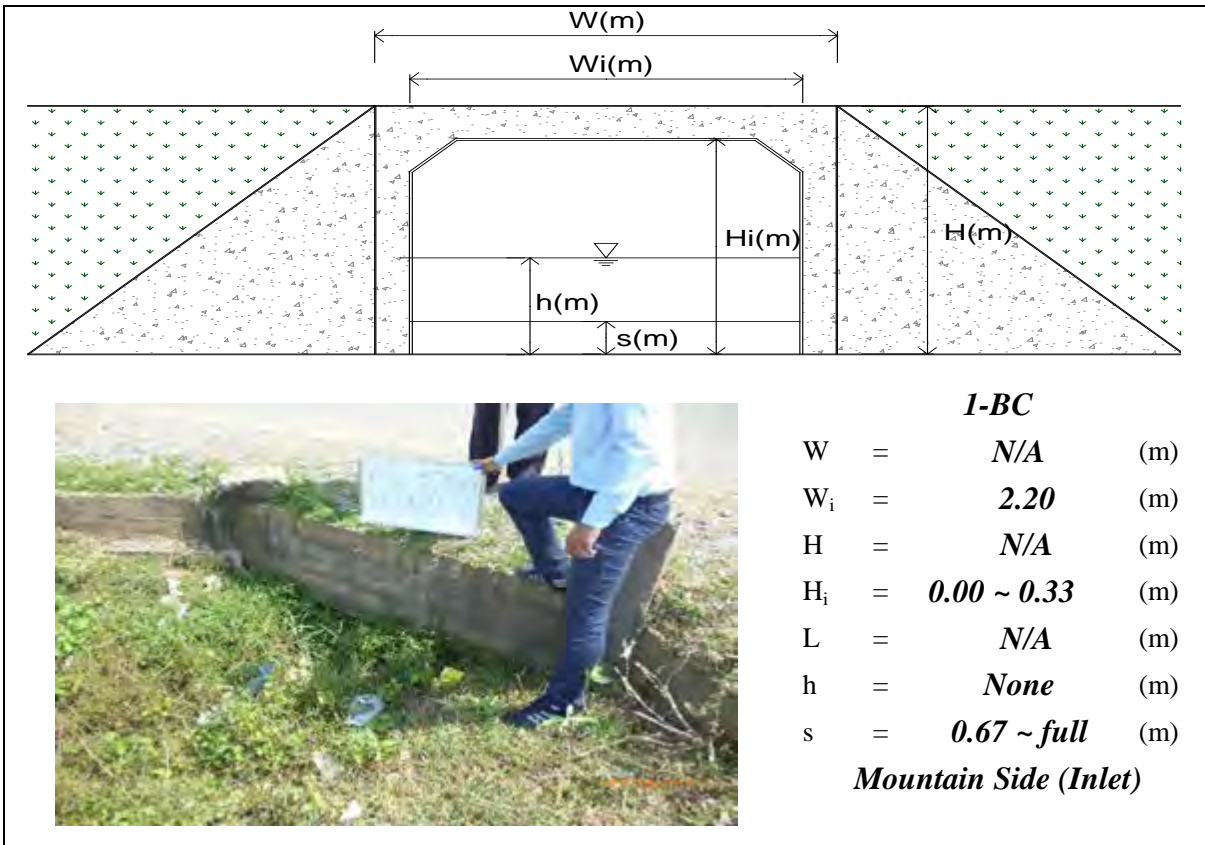
Date: **October 22, 2012**



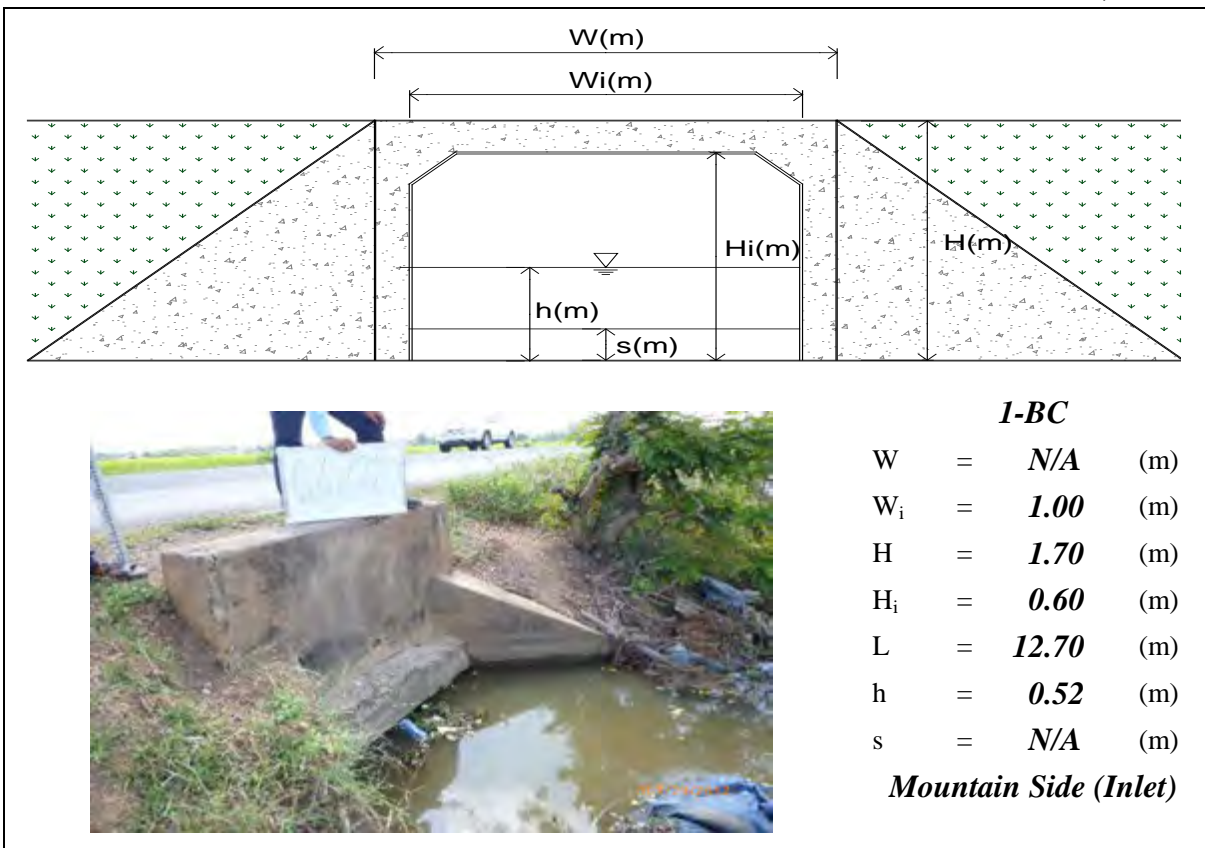
	4-BC	
W	=	6.50 (m)
W ₁ , W ₂ , W ₃ , W ₄	=	1.30 (m)
H	=	N/A (m)
H _i	=	2.00 (m)
L	=	9.50 (m)
h	=	None (m)
s	=	N/A (m)
		Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂/W₃/W₄=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **63+520** No.: **Bc15** (It cannot work due to outlet Date: **October 22, 2012**
was reclaimed by Private Factory)



KP: **64+600** No.: **Bc16** Date: **October 22, 2012**

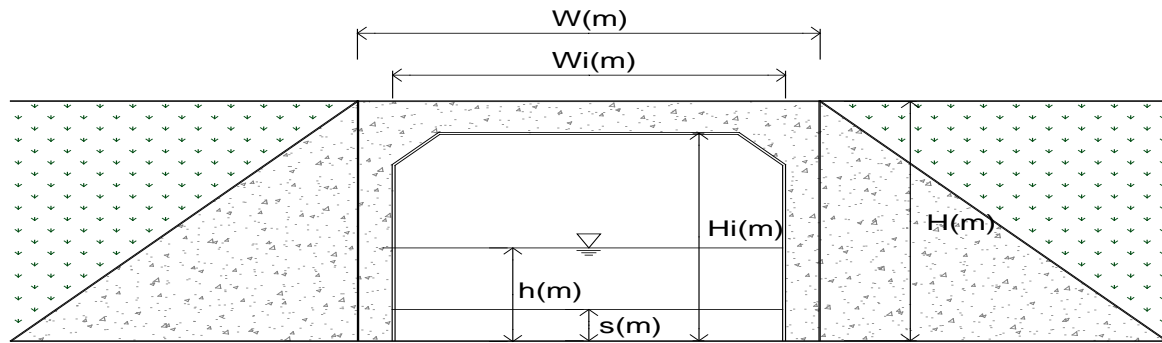


Note: BC means Box Culvert, W=Total Width, W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **65+100**

No.: **Bc17**

Date: **October 22, 2012**



1-BC

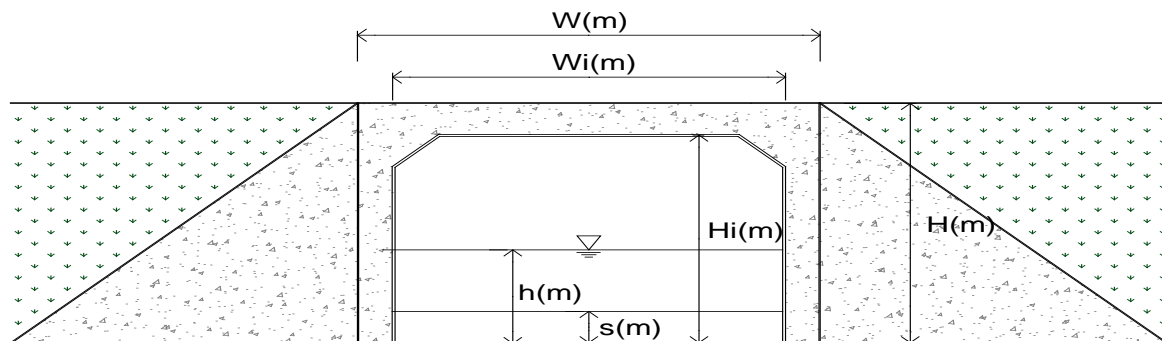
W	=	N/A	(m)
W _i	=	2.00	(m)
H	=	1.37	(m)
H _i	=	1.00	(m)
L	=	10.45	(m)
h	=	None	(m)
s	=	0.77	(m)

River Side (Outlet)

KP: **65+750**

No.: **Bc18**

Date: **October 22, 2012**



1-BC

W	=	N/A	(m)
W _i	=	1.90	(m)
H	=	1.65	(m)
H _i	=	0.67	(m)
L	=	12.00	(m)
h	=	0.54	(m)
s	=	N/A	(m)

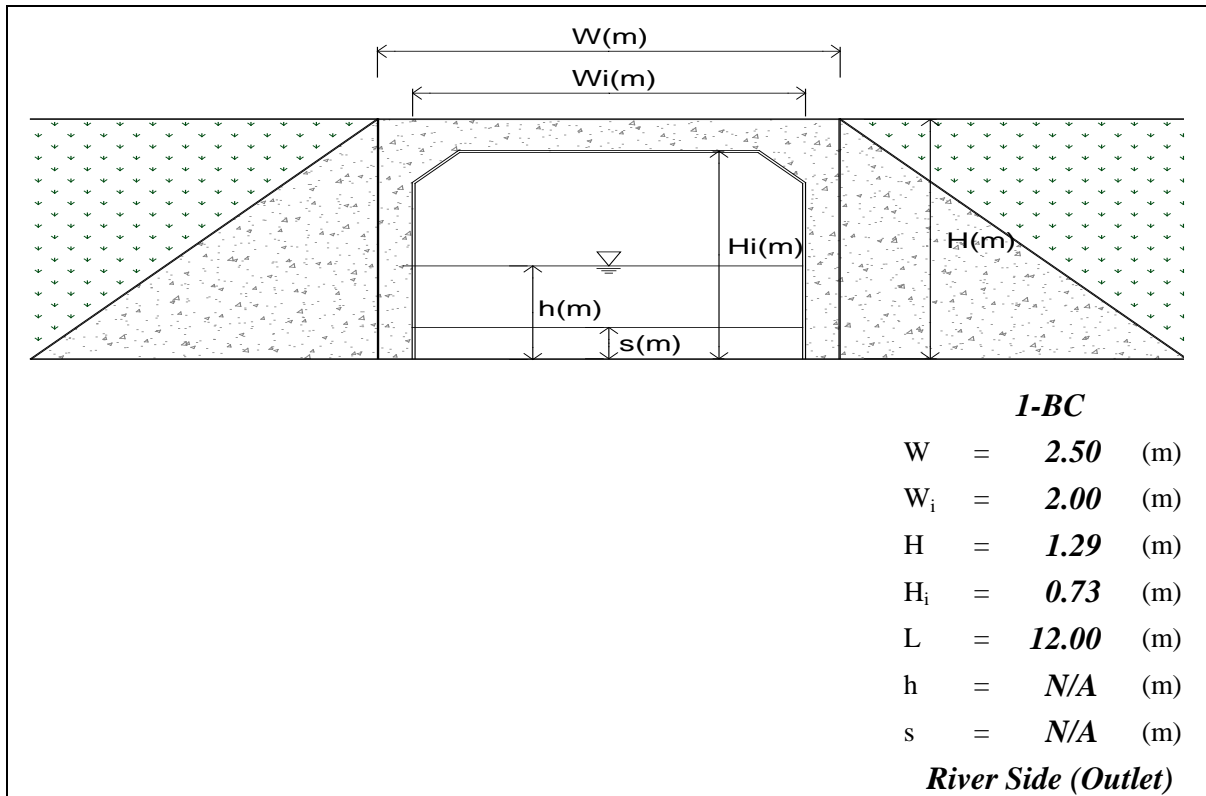
Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **69+200**

No.: **Bc19**

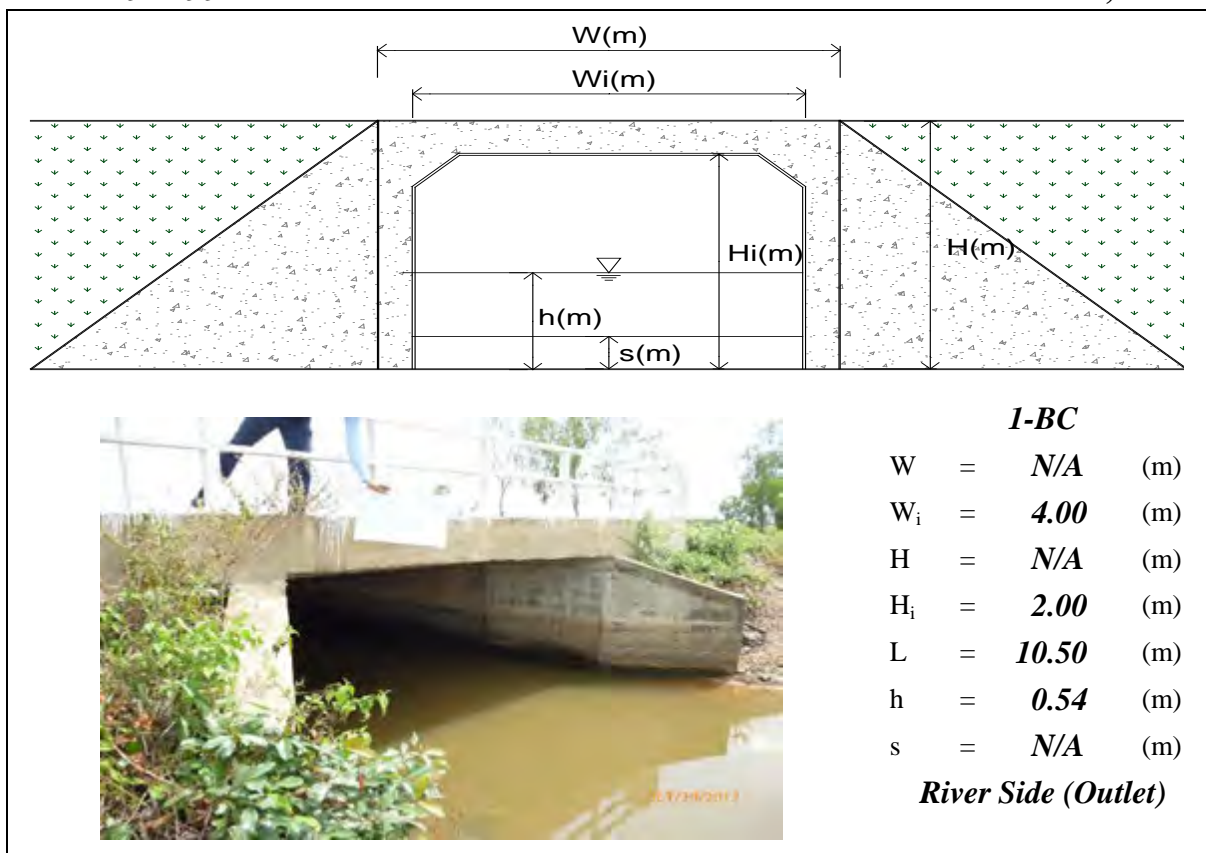
Date: **October 23, 2012**



KP: **70+200**

No.: **Bc20**

Date: **October 23, 2012**

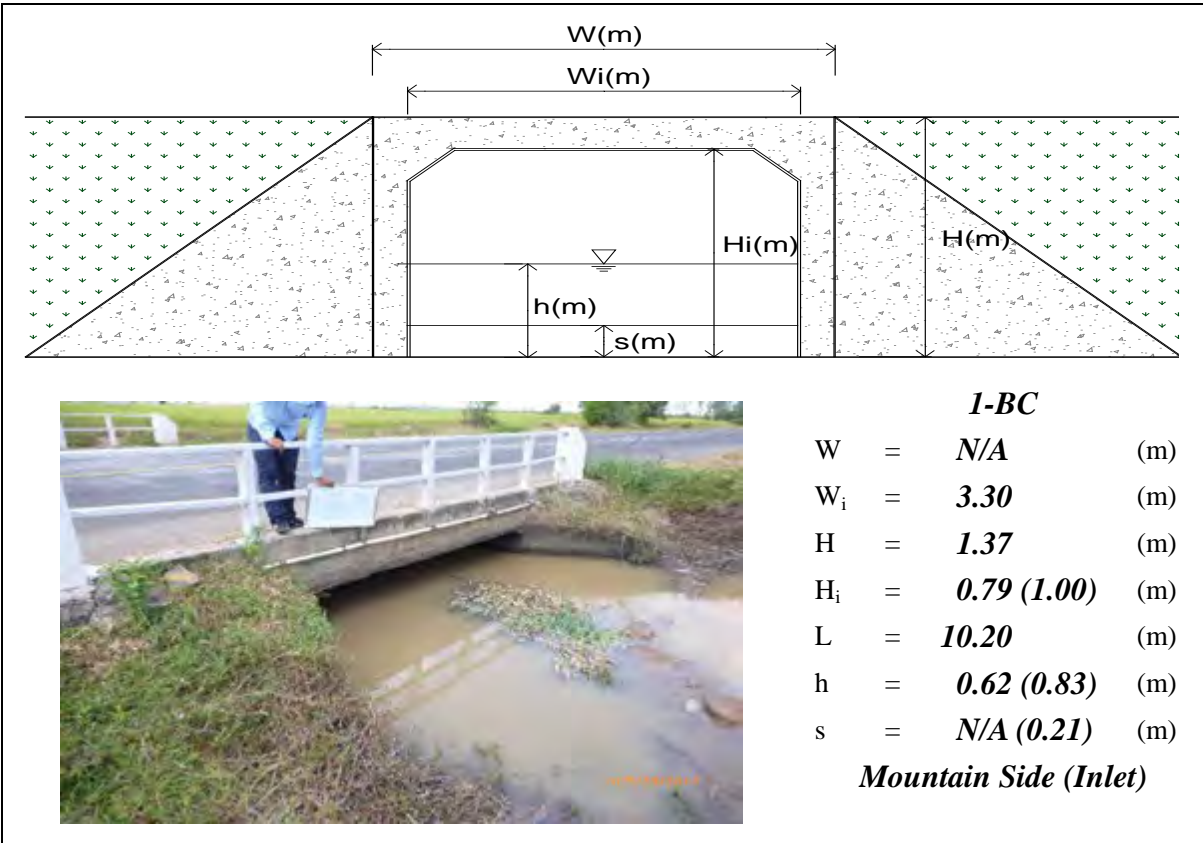


Note: BC means Box Culvert, W=Total Width, W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **71+300**

No.: **Bc21**

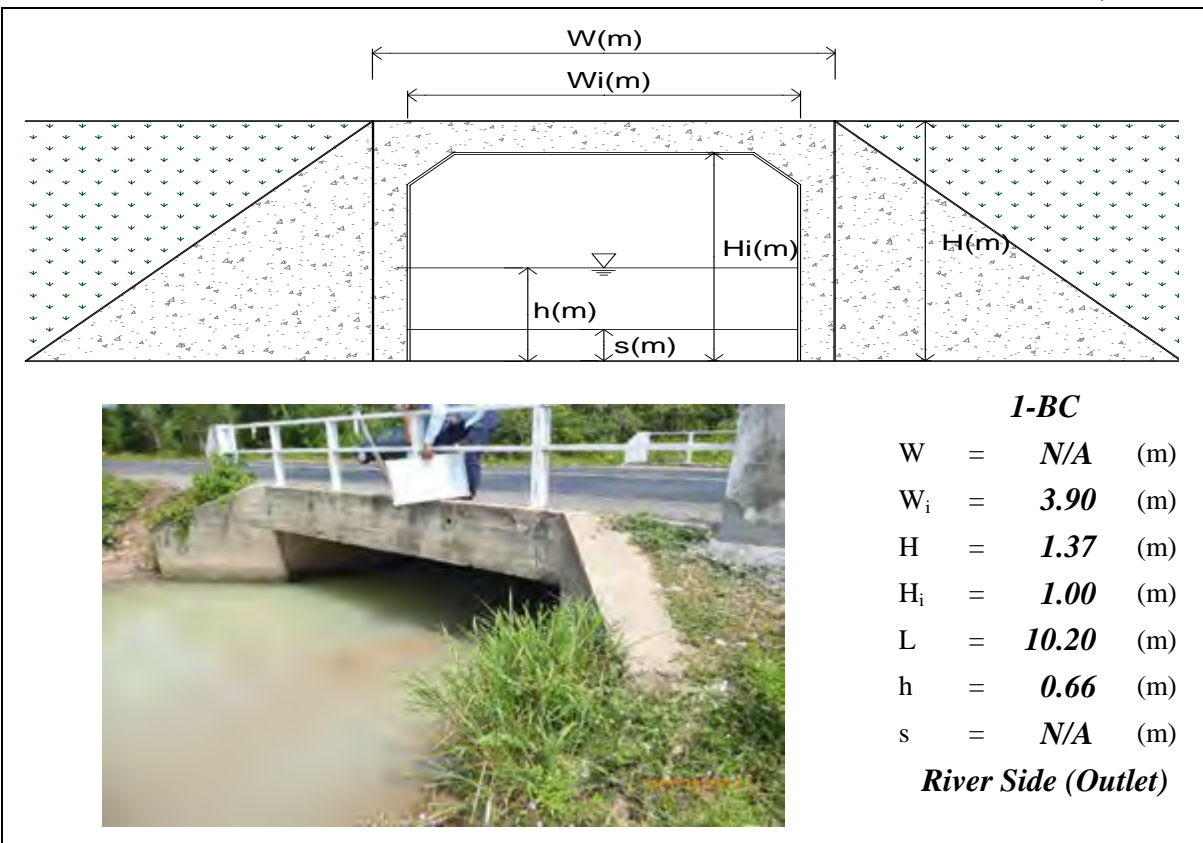
Date: **October 23, 2012**



KP: **72+400**

No.: **Bc22**

Date: **October 29, 2012**

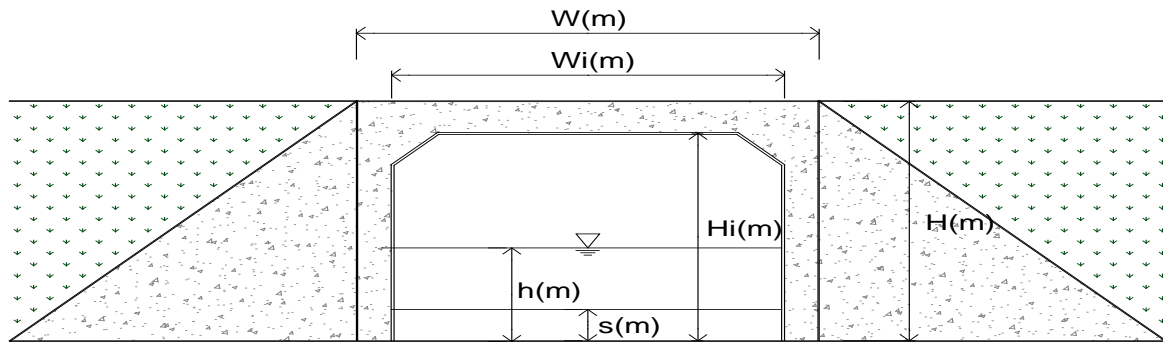


Note: BC means Box Culvert, W=Total Width, W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **73+900**

No.: **Bc23**

Date: **October 23, 2012**



1-BC

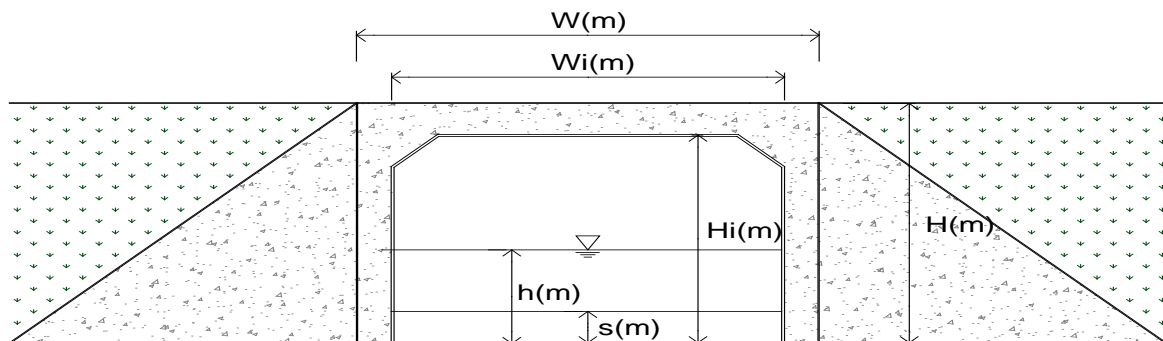
W	=	4.40	(m)
W _i	=	4.00	(m)
H	=	N/A	(m)
H _i	=	1.16 (1.50)	(m)
L	=	10.40	(m)
h	=	0.36 (0.70)	(m)
s	=	N/A (0.34)	(m)

River Side (Outlet)

KP: **88+500**

No.: **Bc24**

Date: **October 19, 2012**



1-BC

W	=	N/A	(m)
W _i	=	3.80	(m)
H	=	1.48	(m)
H _i	=	1.00	(m)
L	=	13.30	(m)
h	=	0.05	(m)
s	=	N/A	(m)

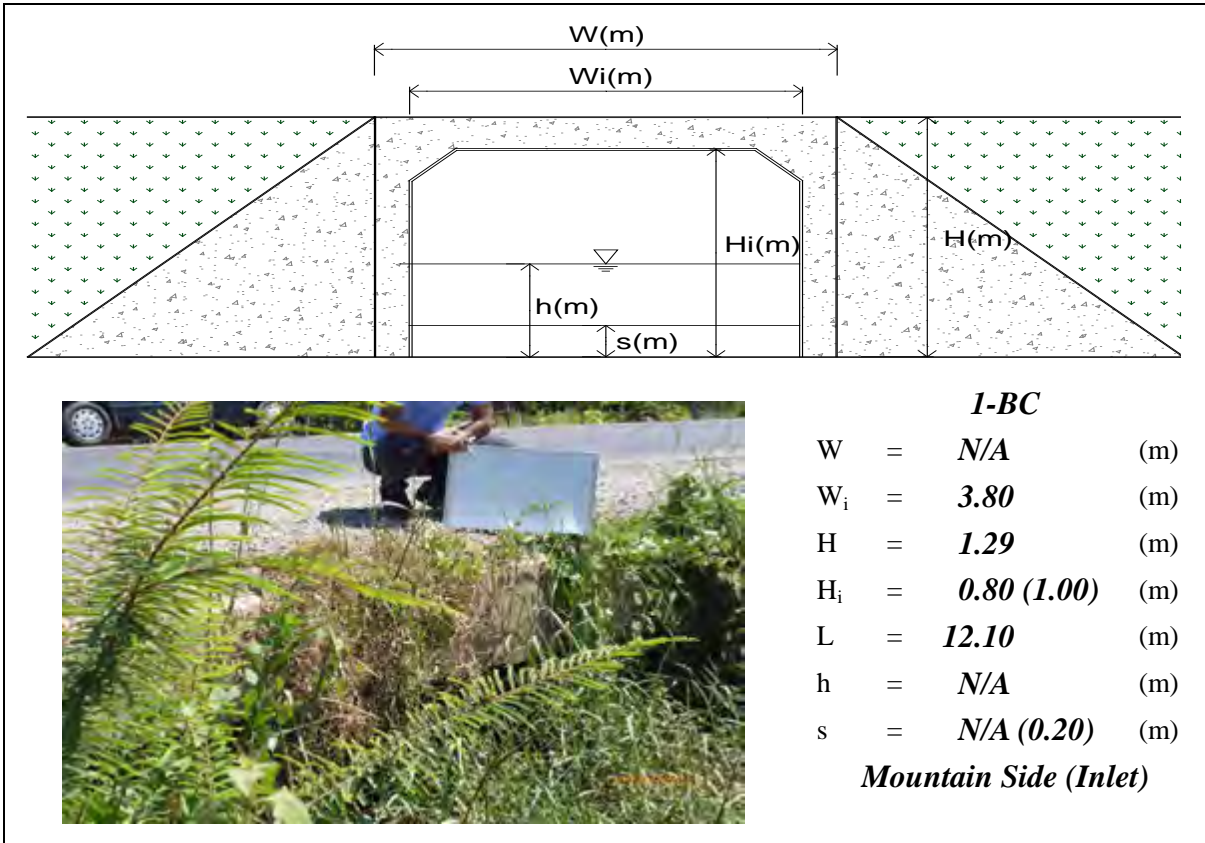
River Side (Outlet)

Note: BC means Box Culvert, W=Total Width, W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **108+400**

NO.: **Bc25**

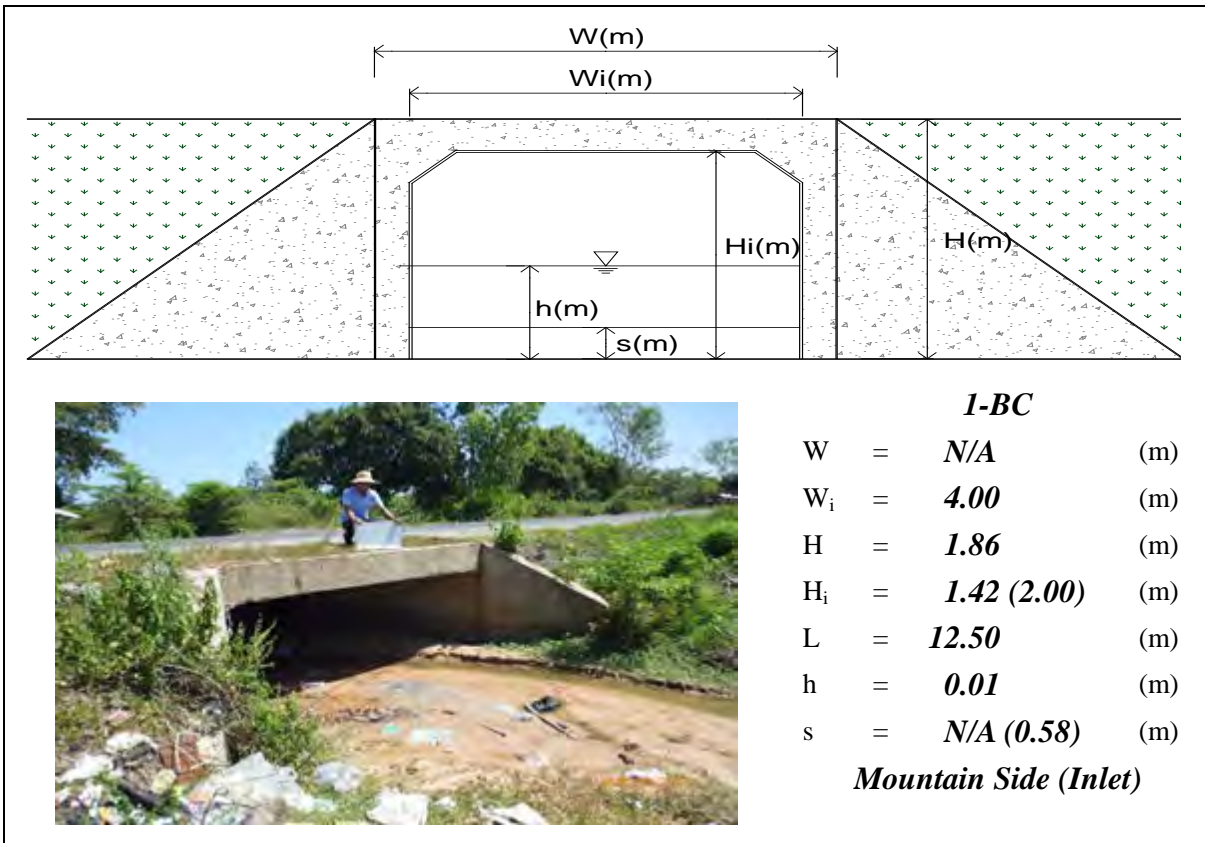
Date: **October 25, 2012**



KP: **111+500**

No.: **Bc26**

Date: **October 25, 2012**

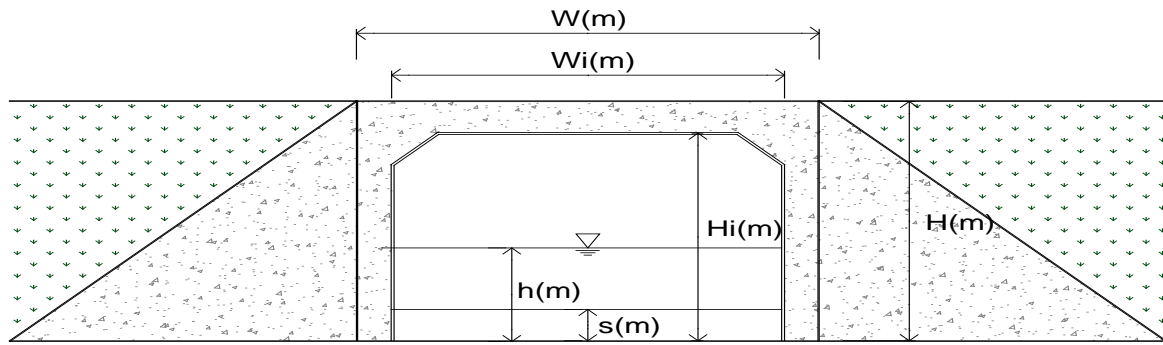


Note: BC means Box Culvert, W=Total Width, W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **112+900**

No.: **Bc27**

Date: **October 25, 2012**



1-BC

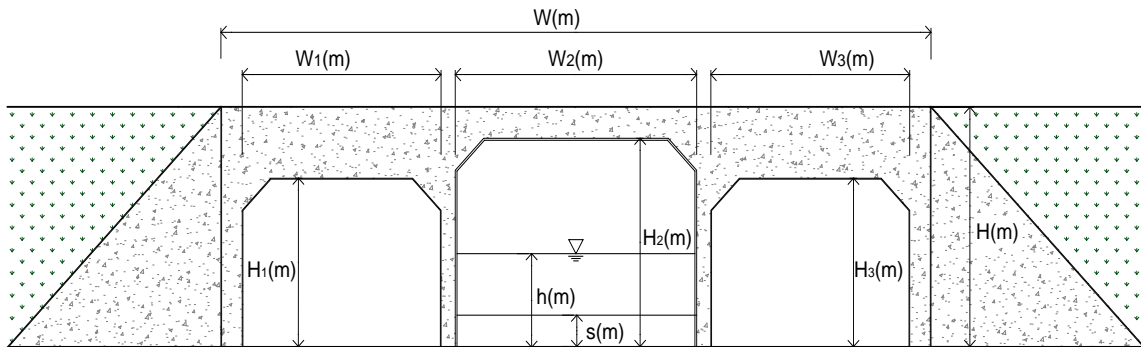
W	=	N/A	(m)
W _i	=	4.00	(m)
H	=	N/A	(m)
H _i	=	2.10 (2.50)	(m)
L	=	13.80	(m)
h	=	1.10 (1.50)	(m)
s	=	N/A (0.40)	(m)

Mountain Side (Inlet)

KP: **114+900**

No.: **Bc28**

Date: **October 26, 2012**



3-BC

W	=	9.70	(m)
W ₁ , W ₂ , W ₃	=	3.00	(m)
H	=	N/A	(m)
H ₁ , H ₃	=	2.00	(m)
H ₂	=	2.15	(m)
L	=	16.80	(m)
h	=	0.84	(m)
s	=	N/A	(m)

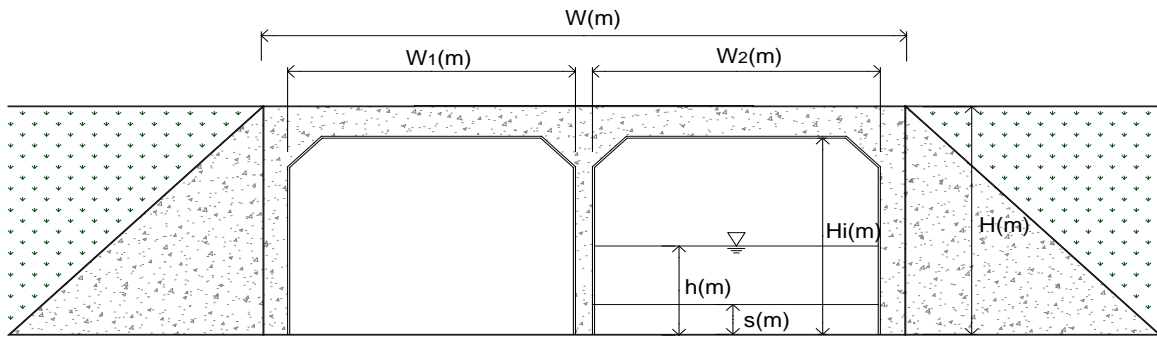
Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W_i/W₁/W₂/W₃=Net Width, H=Total Height, H_i/H₁/H₂/H₃=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **115+000**

No.: **Bc29**

Date: **October 27, 2012**



2-BC

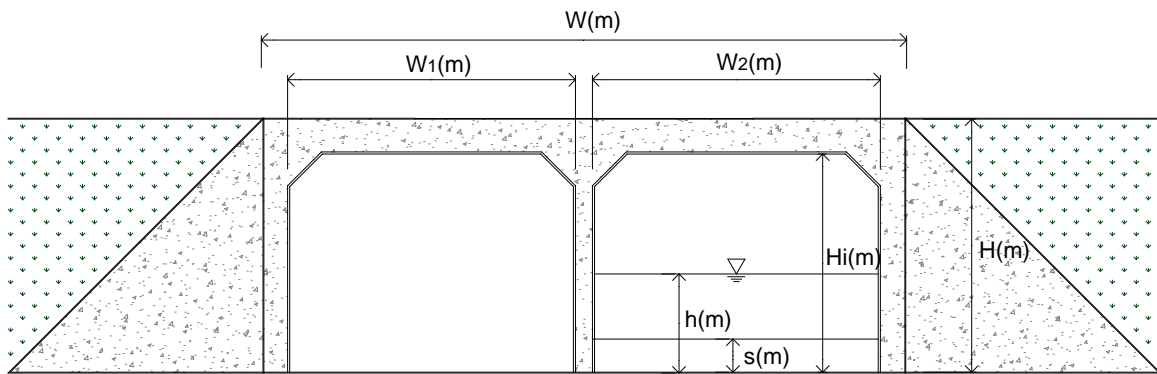
W	=	6.00	(m)
W ₁ , W ₂	=	2.80	(m)
H	=	N/A	(m)
H _i	=	2.00	(m)
L	=	13.60	(m)
h	=	0.64	(m)
s	=	N/A	(m)

Mountain Side (Inlet)

KP: **115+320**

No.: **Bc30**

Date: **October 26, 2012**



2-BC

W	=	N/A	(m)
W ₁ , W ₂	=	2.85	(m)
H	=	N/A	(m)
H _i	=	2.00	(m)
L	=	13.50	(m)
h	=	0.59	(m)
s	=	N/A	(m)

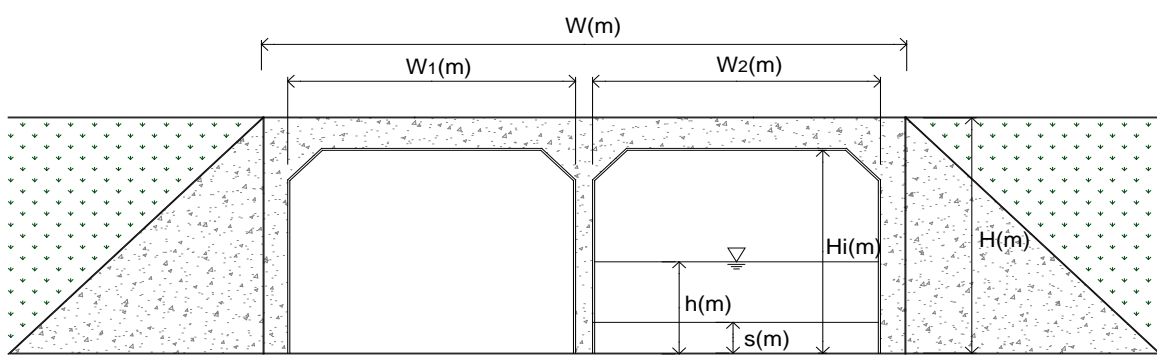
Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available

KP: 120+400

No.: Bc31

Date: October 27, 2012



2-BC

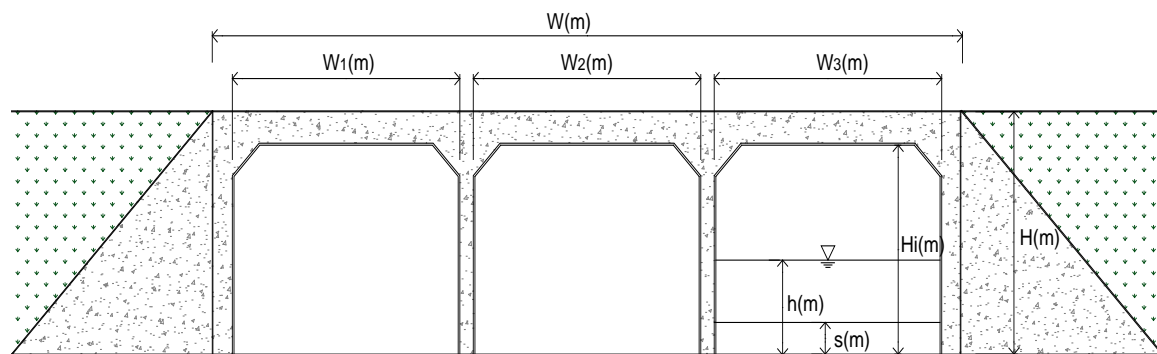
W	=	6.30	(m)
W ₁ , W ₂	=	3.00	(m)
H	=	1.95	(m)
H _i	=	1.50 (2.00)	(m)
L	=	12.10	(m)
h	=	0.79 (1.29)	(m)
s	=	N/A (0.50)	(m)

River Side (Outlet)

KP: 124+900

No.: Bc32

Date: October 26, 2012



3-BC

W	=	9.50	(m)
W ₁ , W ₂ , W ₃	=	3.00	(m)
H	=	1.95	(m)
H _i	=	1.50 (2.00)	(m)
L	=	12.20	(m)
h	=	0.67 (1.17)	(m)
s	=	N/A (0.50)	(m)

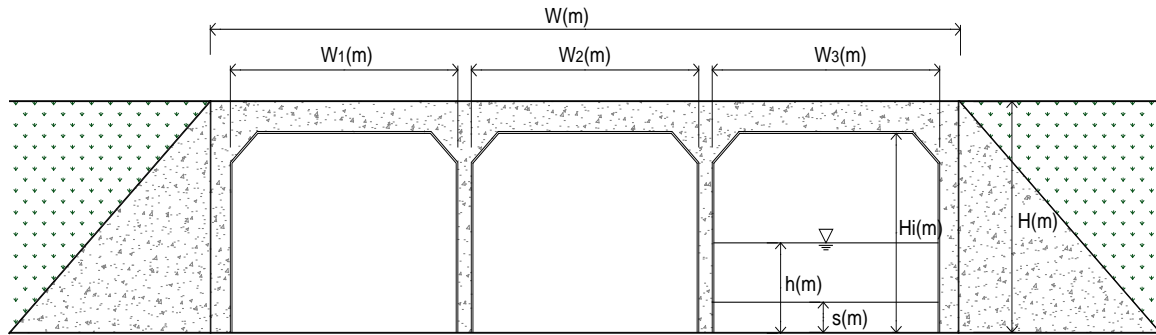
River Side (Outlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂/W₃=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **127+800**

No.: **Bc33**

Date: **October 27, 2012**



3-BC

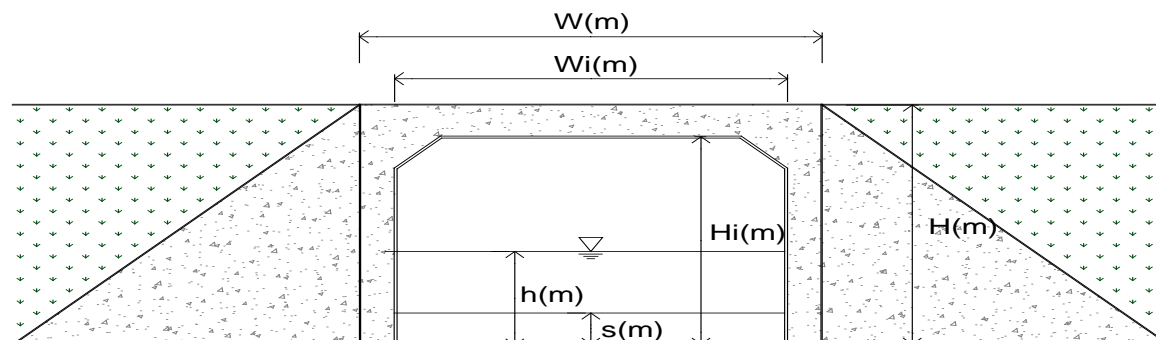
W	=	9.50	(m)
W ₁ , W ₂ , W ₃	=	3.00	(m)
H	=	N/A	(m)
H _i	=	2.00	(m)
L	=	12.30	(m)
h	=	0.45	(m)
s	=	N/A	(m)

Mountain Side (Inlet)

KP: **130+900**

No.: **Bc34**

Date: **October 27, 2012**



1-BC

W	=	N/A	(m)
W _i	=	3.00	(m)
H	=	N/A	(m)
H _i	=	1.67 (1.80)	(m)
L	=	12.10	(m)
h	=	0.15 (0.49)	(m)
s	=	N/A (0.34)	(m)

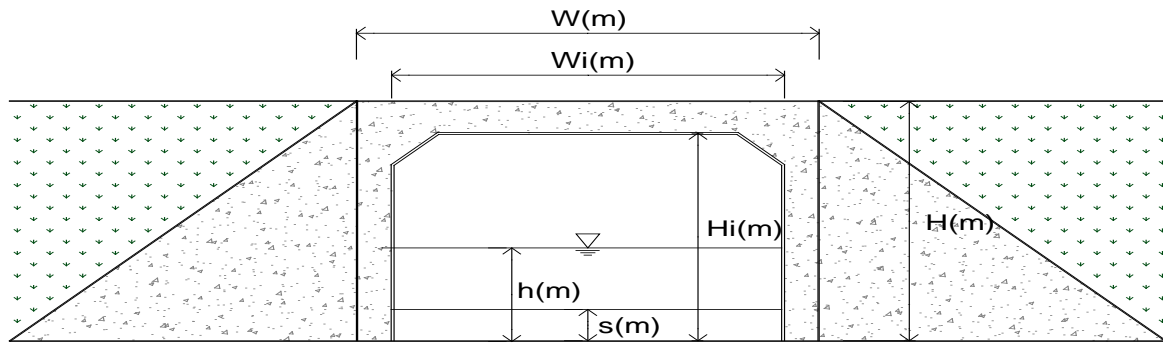
Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂/W₃=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **132+030**

No.: **Bc35**

Date: **October 27, 2012**



1-BC

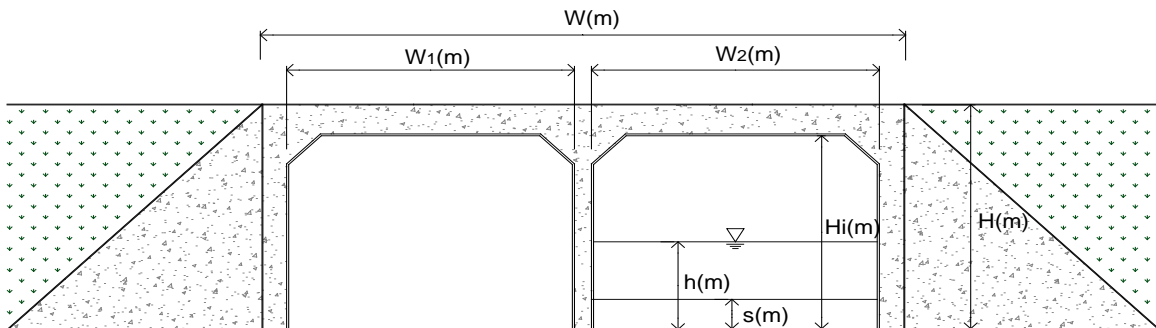
W	=	N/A	(m)
W _i	=	6.20	(m)
H	=	2.40	(m)
H _i	=	2.10	(m)
L	=	12.50	(m)
h	=	0.10	(m)
s	=	0.00	(m)

River Side (Outlet)

KP: **137+600**

No.: **Bc36**

Date: **October 27, 2012**



2-BC

W	=	6.30	(m)
W ₁ , W ₂	=	3.00	(m)
H	=	2.21	(m)
H _i	=	1.81 (2.00)	(m)
L	=	12.20	(m)
h	=	0.60 (0.79)	(m)
s	=	N/A (0.19)	(m)

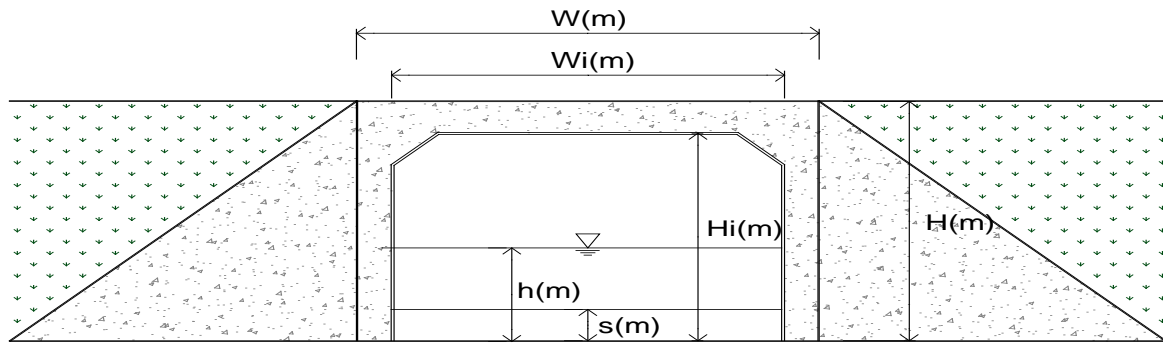
Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **138+200**

No.: **Bc37**

Date: **October 27, 2012**



1-BC

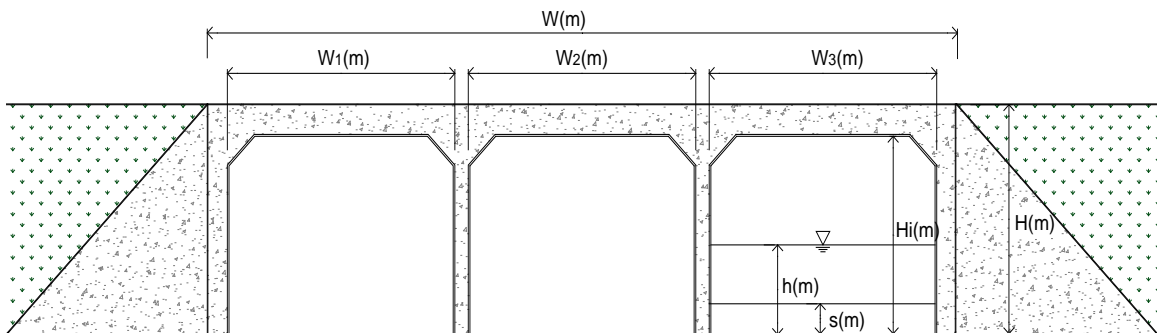
W	=	N/A	(m)
W _i	=	1.80	(m)
H	=	1.15	(m)
H _i	=	0.55 (1.00)	(m)
L	=	11.90	(m)
h	=	0.10	(m)
s	=	N/A (0.45)	(m)

River Side (Outlet)

KP: **140+120**

No.: **Bc38**

Date: **October 27, 2012**



3-BC

W	=	9.60	(m)
W ₁ , W ₂ , W ₃	=	3.00	(m)
H	=	N/A	(m)
H _i	=	1.60 (2.00)	(m)
L	=	12.10	(m)
h	=	0.08 (0.48)	(m)
s	=	N/A (0.40)	(m)

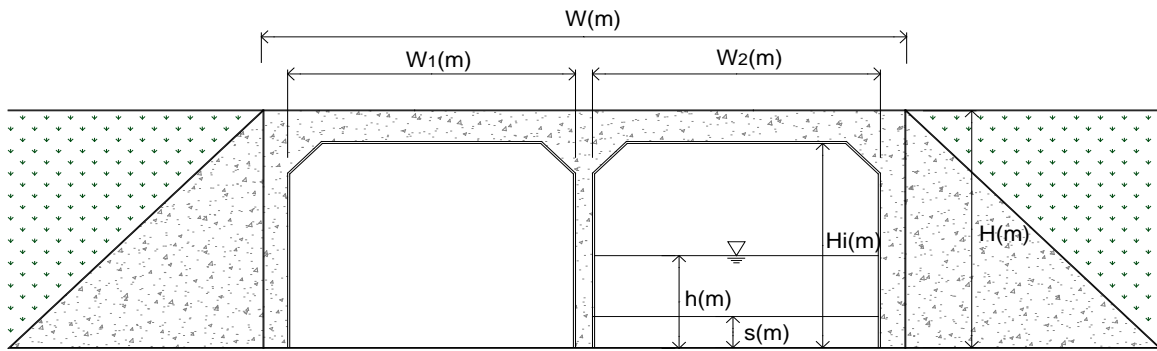
Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂/W₃=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **140+500**

No.: **Bc39**

Date: **November 6, 2012**



2-BC

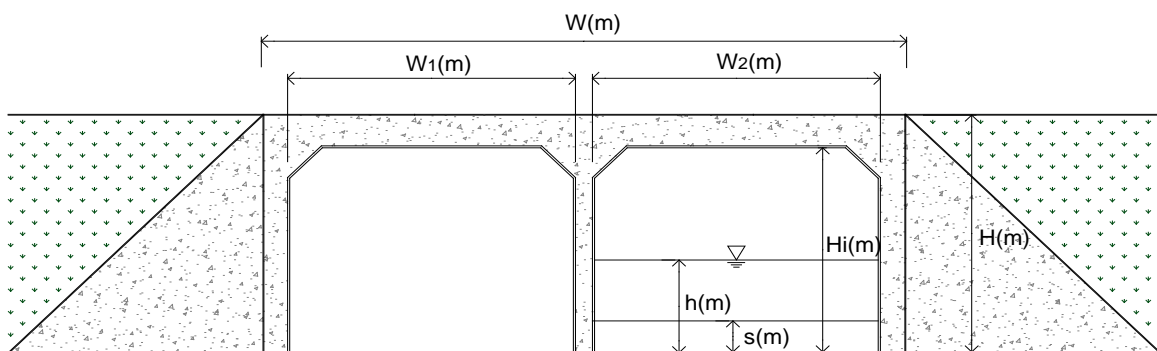
W	=	6.30	(m)
W _i	=	3.00	(m)
H	=	N/A	(m)
H _i	=	1.45 (2.00)	(m)
L	=	12.00	(m)
h	=	None	(m)
s	=	N/A (0.55)	(m)

Mountain Side (Inlet)

KP: **142+200**

No.: **Bc40**

Date: **October 27, 2012**



2-BC

W	=	6.30	(m)
W ₁ , W ₂	=	3.00	(m)
H	=	N/A	(m)
H _i	=	1.00 (2.00)	(m)
L	=	12.20	(m)
h	=	0.13	(m)
s	=	0.03 (1.03)	(m)

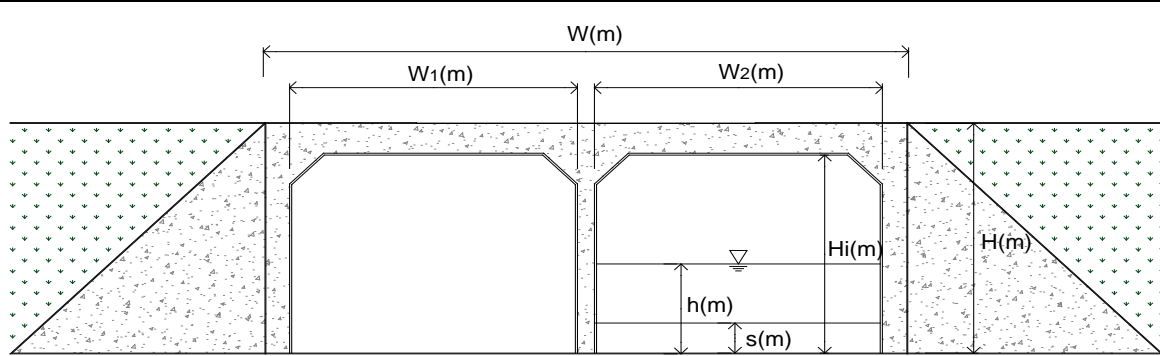
Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂=Net Width, H=Total Height, H_i =Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available

KP: 143+980

No.: Bc41

Date: October 27, 2012



2-BC

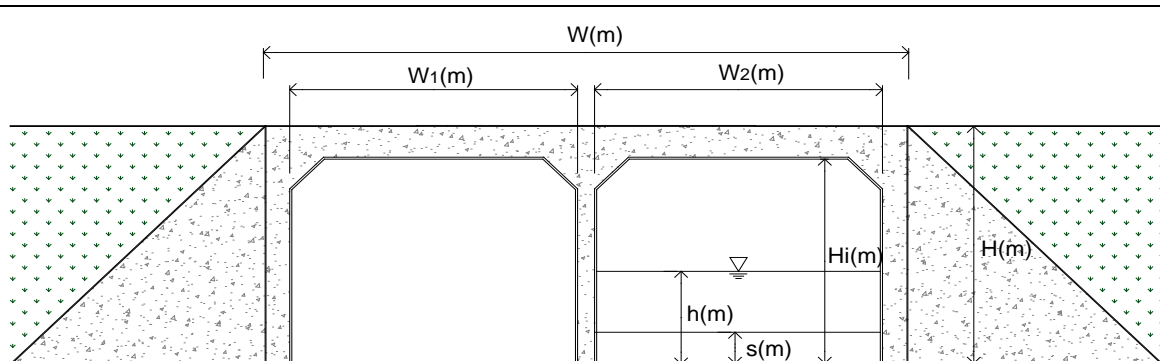
W	=	6.30	(m)
W_1, W_2	=	3.00	(m)
H	=	2.27	(m)
H_i	=	2.00	(m)
L	=	12.10	(m)
h	=	0.55	(m)
s	=	0.10	(m)

Mountain Side (Inlet)

KP: 144+500

No.: Bc42

Date: October 27, 2012



2-BC

W	=	N/A	(m)
W_1, W_2	=	3.00	(m)
H	=	2.43	(m)
H_i	=	2.00	(m)
L	=	13.00	(m)
h	=	0.10	(m)
s	=	N/A	(m)

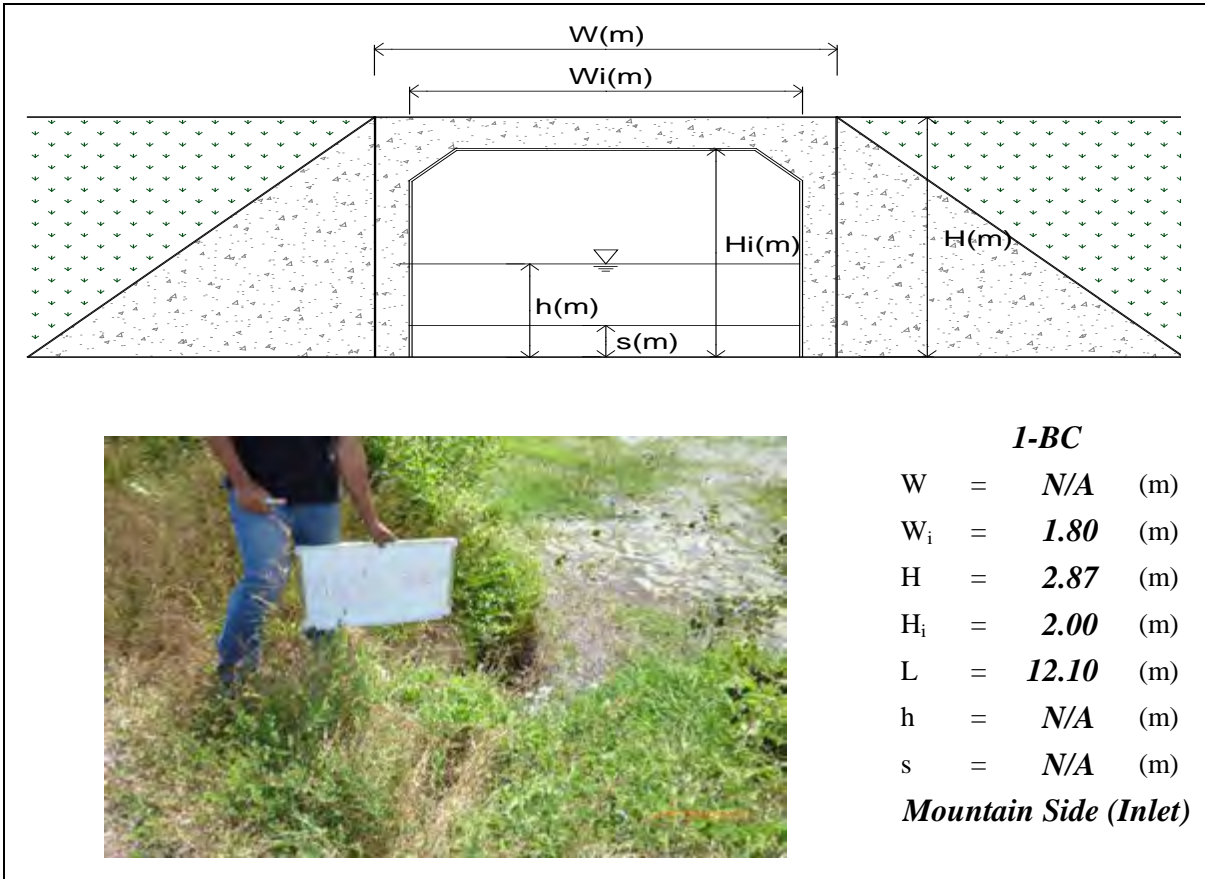
Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W_1/W_2 =Net Width, H=Total Height, H_i =Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available

KP: 149+900

No.: Bc43

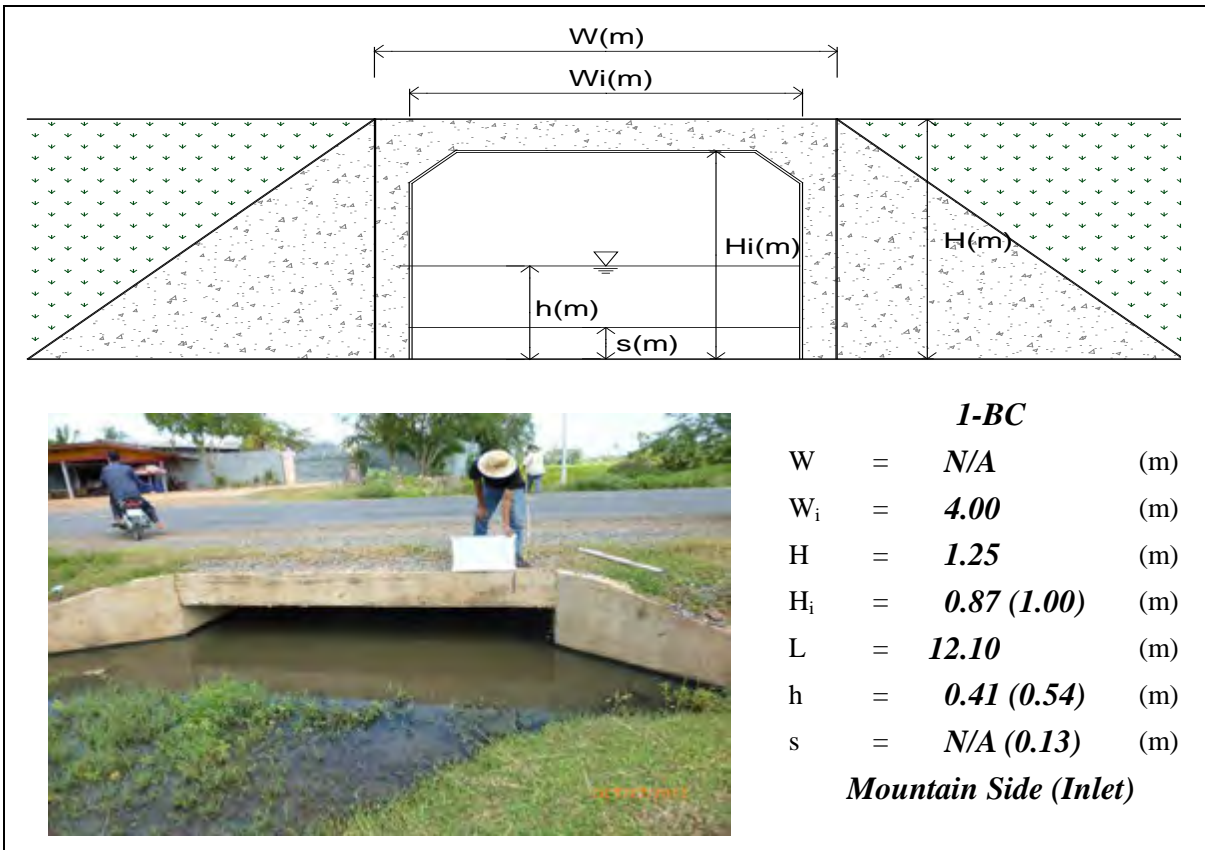
Date: October 27, 2012



KP: 156+300

No.: Bc44

Date: October 27, 2012

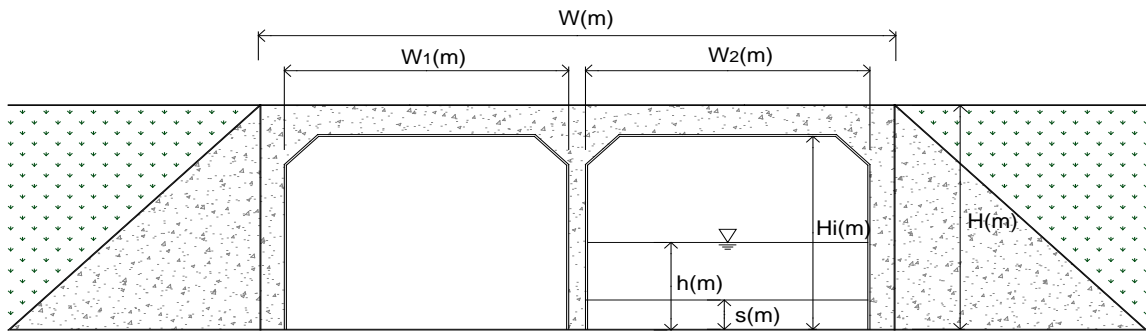


Note: BC means Box Culvert, W=Total Width, W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available

KP: 156+700

No.: Bc45

Date: October 27, 2012



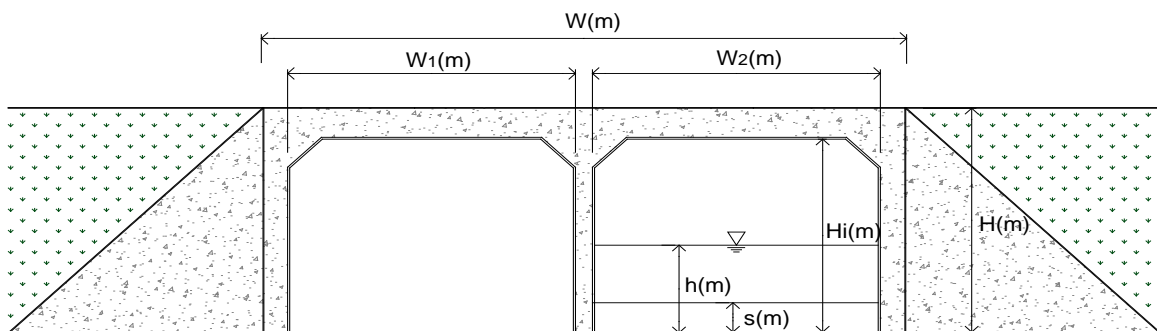
	2-BC	
W	=	6.30 (m)
W ₁ , W ₂	=	3.00 (m)
H	=	N/A (m)
H _i	=	1.58 (2.00) (m)
L	=	12.10 (m)
h	=	0.60 (1.02) (m)
s	=	N/A (0.42) (m)

Mountain Side (Inlet)

KP: 157+400

No.: Bc46

Date: October 27, 2012



	2-BC	
W	=	4.10 (m)
W ₁ , W ₂	=	1.90 (m)
H	=	N/A (m)
H _i	=	1.56 (2.00) (m)
L	=	12.10 (m)
h	=	0.88 (1.32) (m)
s	=	N/A (0.44) (m)

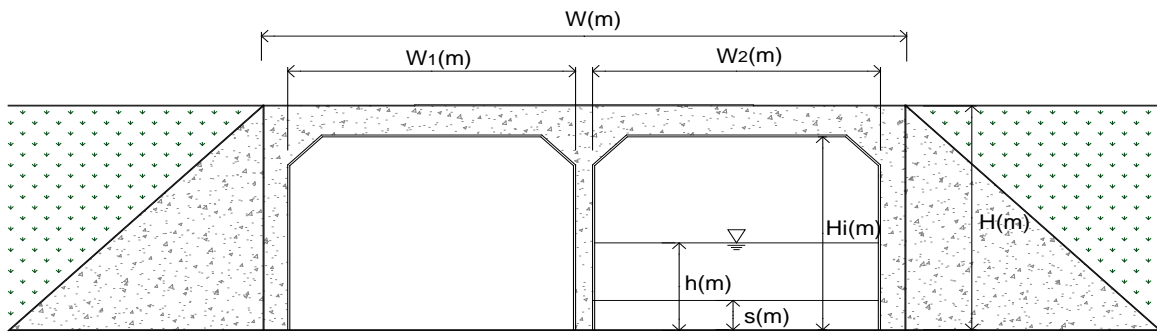
Lake Side (Outlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available

KP: 157+800

No.: Bc47

Date: October 27, 2012



2-BC

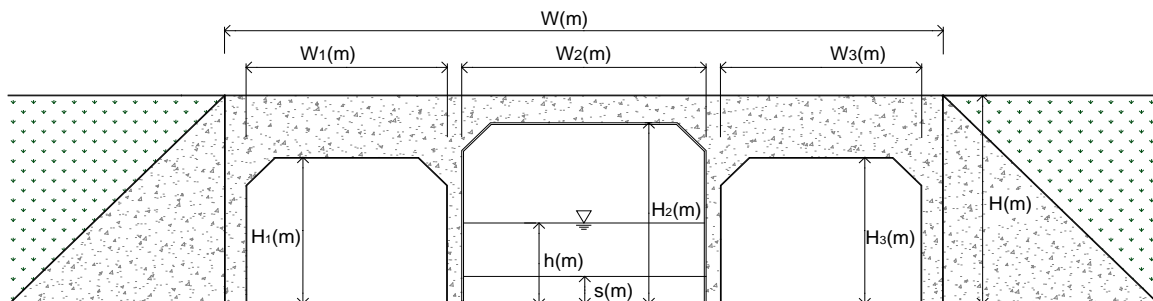
W	=	6.30	(m)
W ₁ , W ₂	=	3.00	(m)
H	=	N/A	(m)
H _i	=	1.84 (2.00)	(m)
L	=	12.20	(m)
h	=	1.06 (1.22)	(m)
s	=	N/A (0.16)	(m)

Lake Side (Outlet)

KP: 159+800

No.: Bc48

Date: October 27, 2012



3-BC

W	=	9.60	(m)
W ₁ , W ₂ , W ₃	=	3.00	(m)
H	=	N/A	(m)
H ₁ , H ₃	=	1.45 (1.85)	(m)
H ₂	=	1.60 (2.00)	(m)
L	=	12.20	(m)
h	=	None	(m)
s	=	N/A (0.40)	(m)

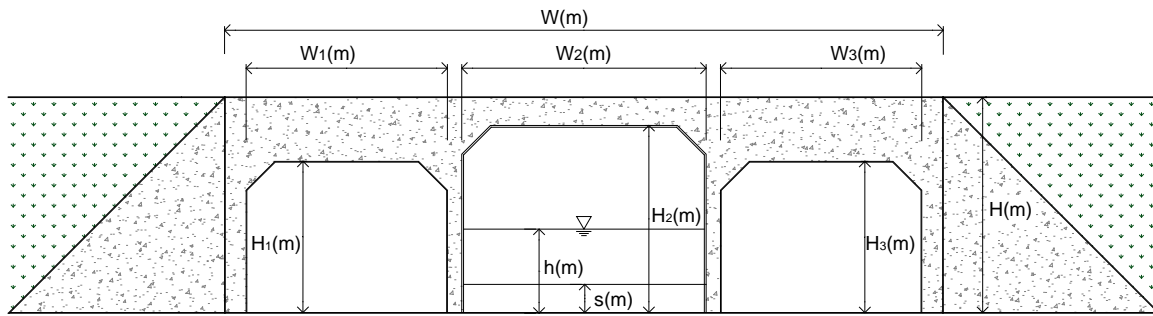
Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂/W₃=Net Width, H=Total Height, H₁/H₂/H₃=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, Lake means the Tonle Sap Lake

KP: 161+050

No.: Bc49

Date: October 27, 2012



3-BC

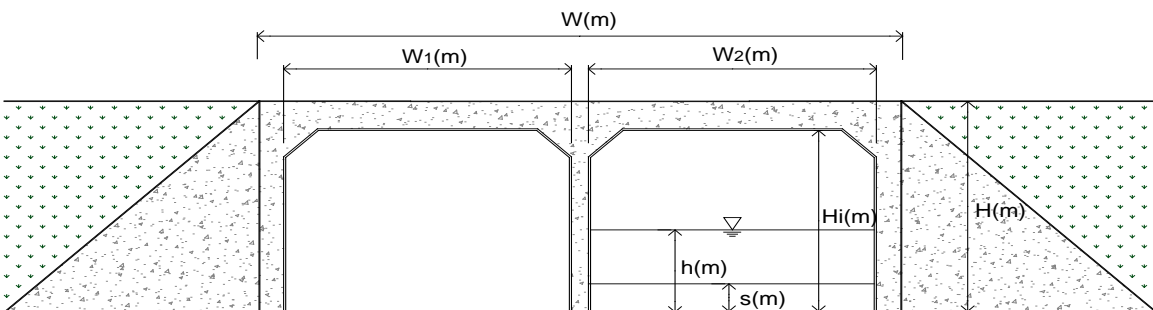
W	=	9.60	(m)
W ₁ , W ₂ , W ₃	=	3.00	(m)
H	=	N/A	(m)
H ₁ , H ₃	=	1.20 (1.70)	(m)
H ₂	=	1.50 (2.00)	(m)
L	=	12.20	(m)
h	=	0.15 (0.65)	(m)
s	=	N/A (0.50)	(m)

Mountain Side (Inlet)

KP: 163+080

No.: Bc50

Date: October 27, 2012



2-BC

W	=	4.00	(m)
W ₁ , W ₂	=	1.85	(m)
H	=	1.98	(m)
H _i	=	1.60 (2.00)	(m)
L	=	12.00	(m)
h	=	0.40 (0.80)	(m)
s	=	N/A (0.40)	(m)

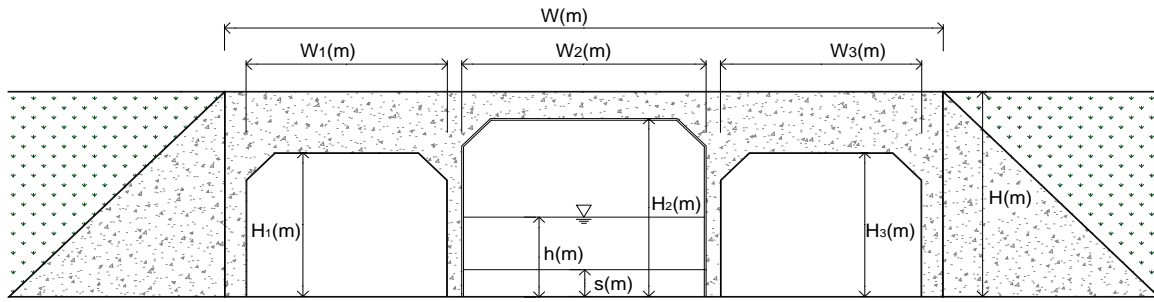
Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂/W₃=Net Width, H=Total Height, H₁/H₂/H₃/H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **164+800**

No.: **Bc51**

Date: **October 27, 2012**



3-BC

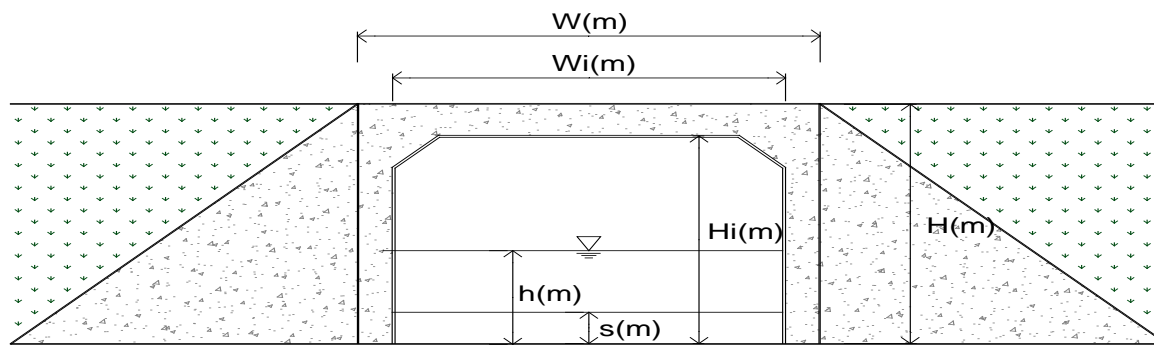
W	=	N/A	(m)
W ₁ , W ₂ , W ₃	=	3.00	(m)
H	=	N/A	(m)
H ₁ , H ₃	=	1.90 (2.65)	(m)
H ₂	=	2.25 (3.00)	(m)
L	=	12.20	(m)
h	=	1.00 (1.75)	(m)
s	=	N/A (0.75)	(m)

Mountain Side (Inlet)

KP: **166+800**

No.: **Bc52**

Date: **October 27, 2012**

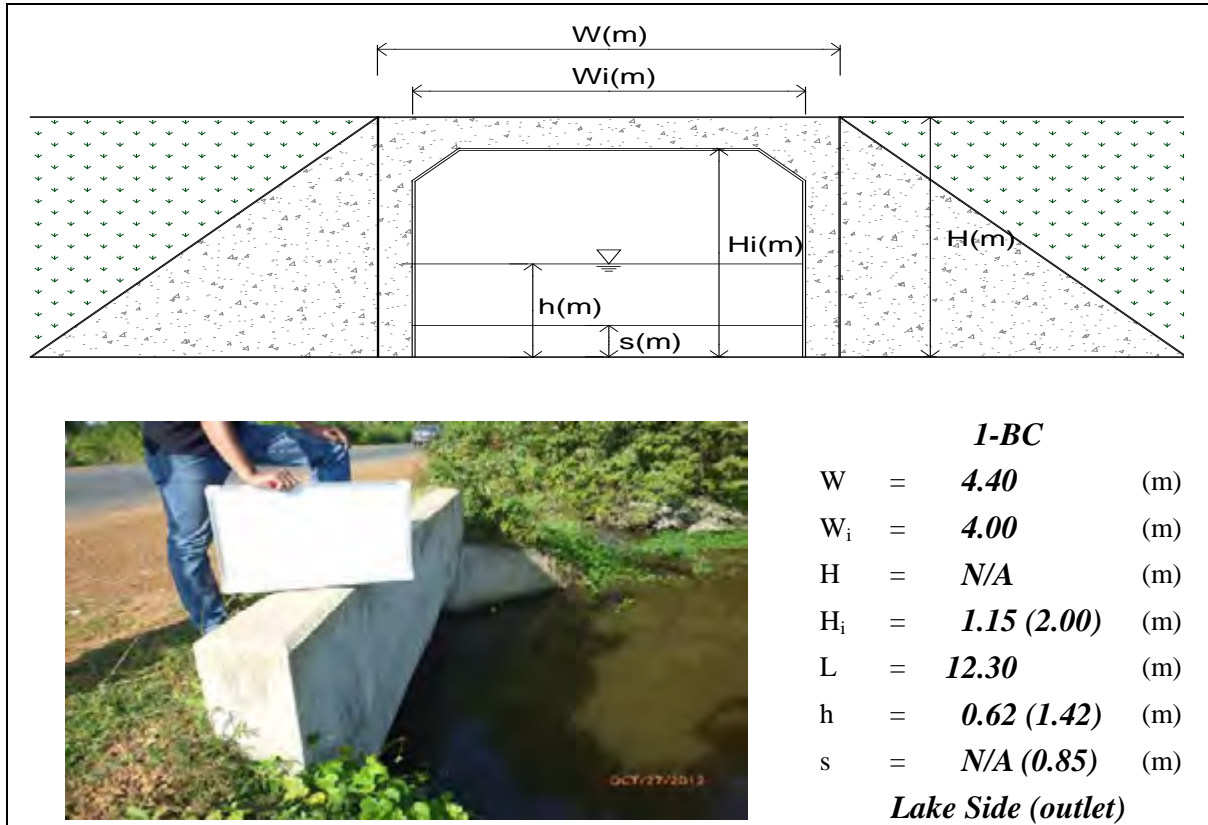


1-BC

W	=	N/A	(m)
W _i	=	4.00	(m)
H	=	N/A	(m)
H _i	=	2.00	(m)
L	=	12.20	(m)
h	=	0.28	(m)
s	=	N/A	(m)

Mountain Side (Inlet)

Note: BC means Box Culvert, W=Total Width, W₁/W₂/W₃=Net Width, H=Total Height, H₁/H₂/H₃/H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available



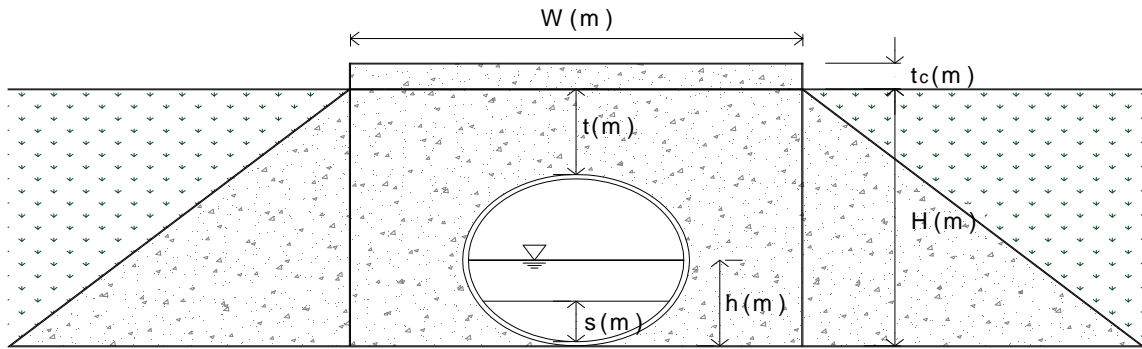
Note: BC means Box Culvert, W=Total Width, W_i=Net Width, H=Total Height, H_i=Net Height, L=Total Length, h=Water Depth, s=Deposition Height, N/A means data not available, Lake means the Tonle Sap Lake

PIPE CULVERT

KP: 36+300

No.: Pc006

Date: October 19, 2012



1Φ100

D = 1.00 (m)

L = 12.25 (m)

H = 2.17 (m)

W = 1.86 (m)

t = 1.20 (m)

h = 0.13 (m)

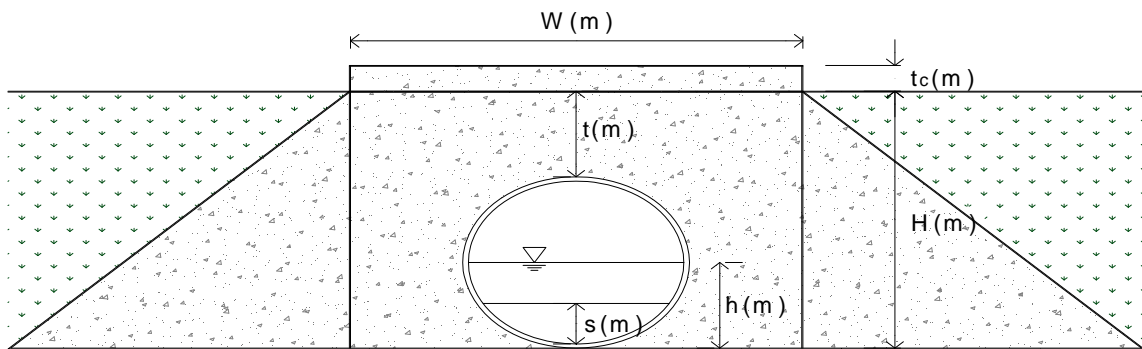
s = 0.03 (m)

River Side (Outlet)

KP: 36+800

No.: Pc007

Date: October 19, 2012



1Φ100

D = 1.00 (m)

L = N/A (m)

H = 2.35 (m)

W = 1.67 (m)

t = 1.35 (m)

h = 0.01 (m)

s = 0.00 (m)

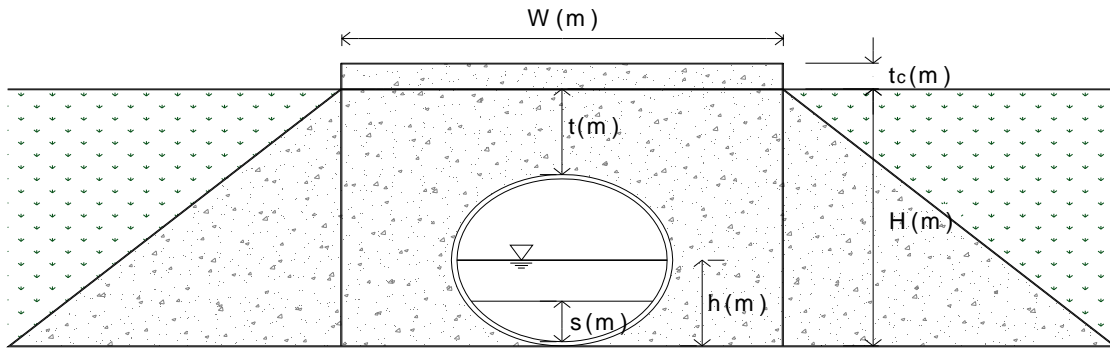
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: 38+800

No.: Pc008

Date: October 20, 2012



1Φ100

D = 1.00 (m)

L = 11.80 (m)

H = 1.57 (m)

W = 2.20 (m)

t = 0.75 (m)

h = 0.35 (m)

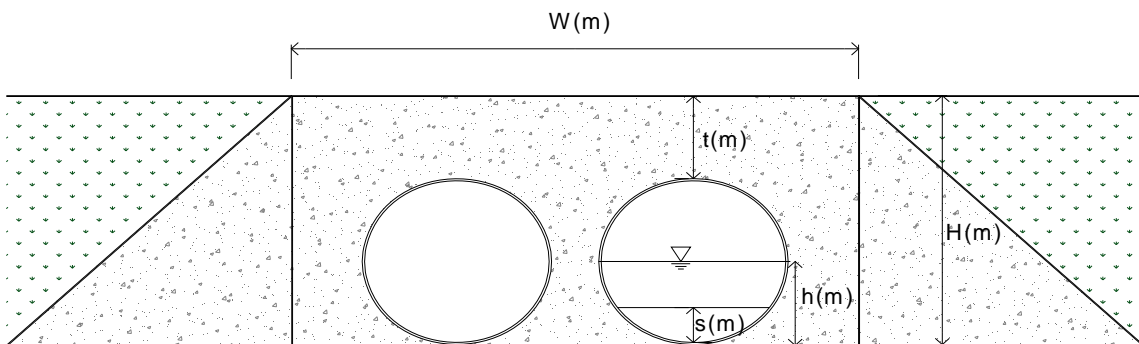
s = 0.18 (m)

River Side (Outlet)

KP: 43+400

No.: Pc009

Date: October 19, 2012



2Φ100

D = 1.00 (m)

L = 12.30 (m)

H = 1.30 (m)

W = 2.40 (m)

t = 0.30 (m)

h = 0.80 (m)

s = 0.03 (m)

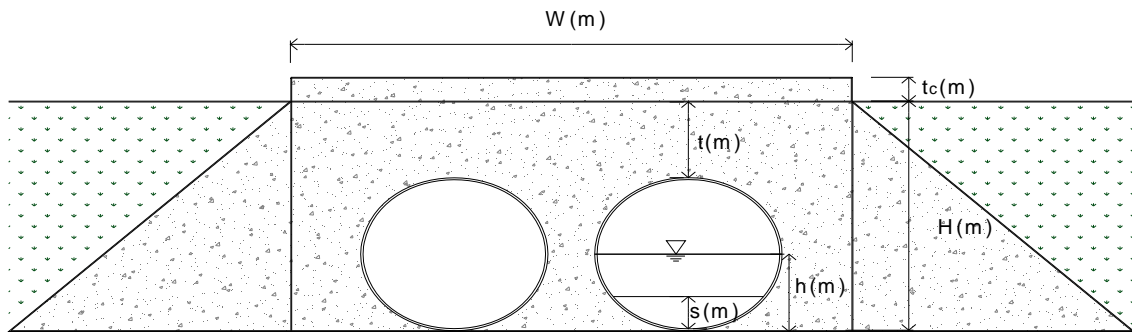
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **50+400**

No.: **Pc010**

Date: **October 22, 2012**



2Φ80

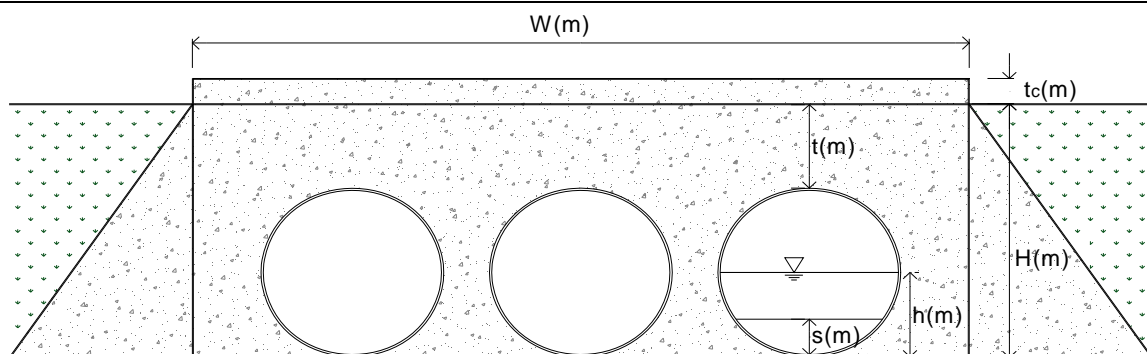
D = **0.80** (m)
 L = **12.50** (m)
 H = **1.90** (m)
 W = **2.65** (m)
 t = **1.10** (m)
 h = **0.78** (m)
 s = **0.20** (m)

Mountain Side (Inlet)

KP: **51+020**

No.: **Pc011**

Date: **October 22, 2012**



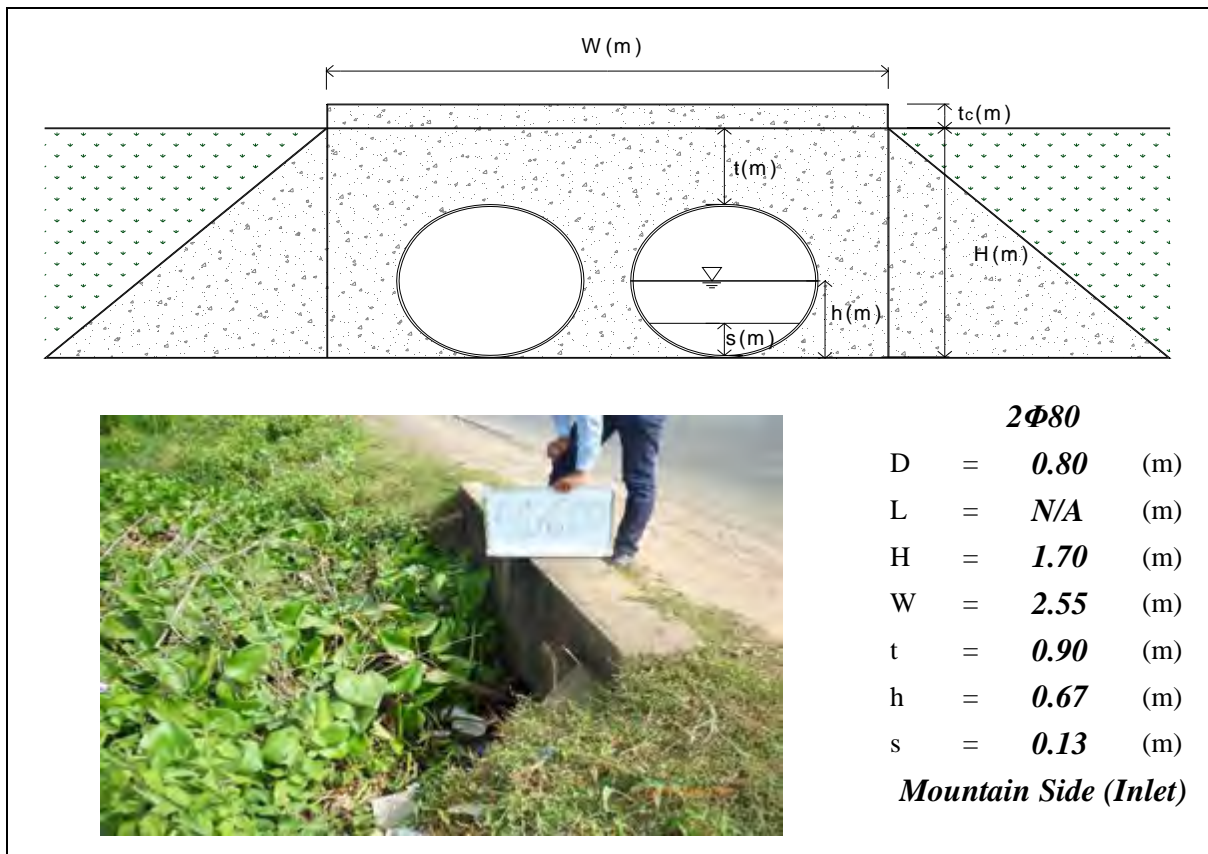
3Φ100

D = **1.00** (m)
 L = **12.60** (m)
 H = **2.00** (m)
 W = **4.00** (m)
 t = **1.00** (m)
 h = **1.35** (m)
 s = **0.60** (m)

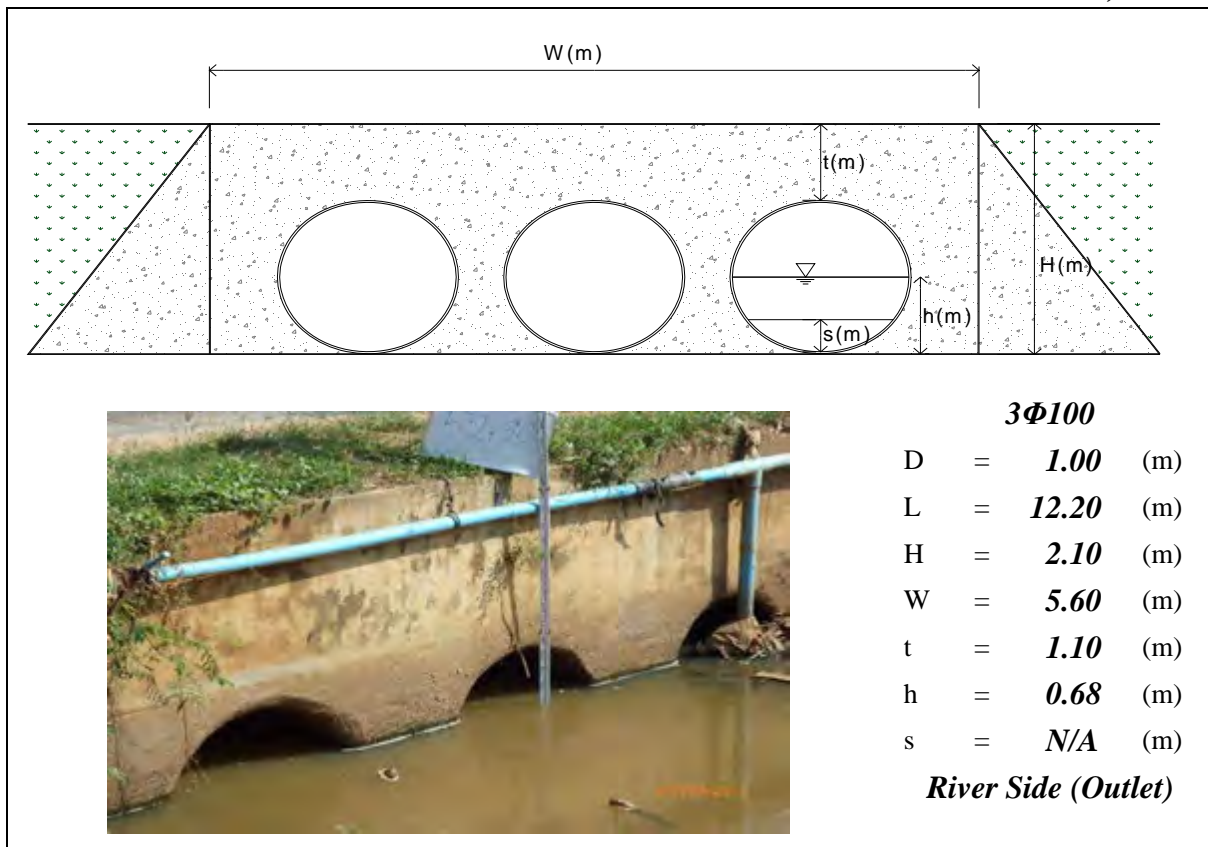
Mountain Side (Inlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **51+600** No.: **Pc012** [River Side (Outlet) embedded by Private Factory] Date: **October 22, 2012**



KP: **52+900** No.: **Pc013** Date: **October 29, 2012**

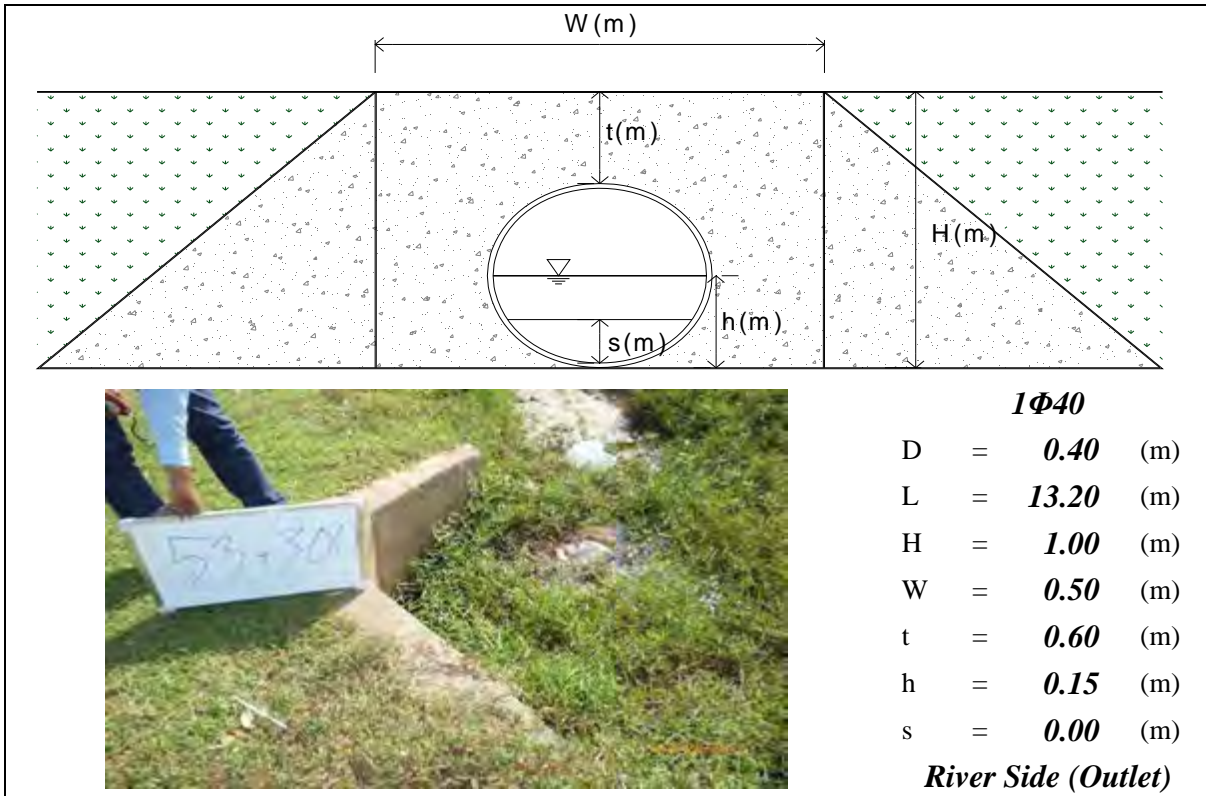


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **53+300**

No.: **Pc014**

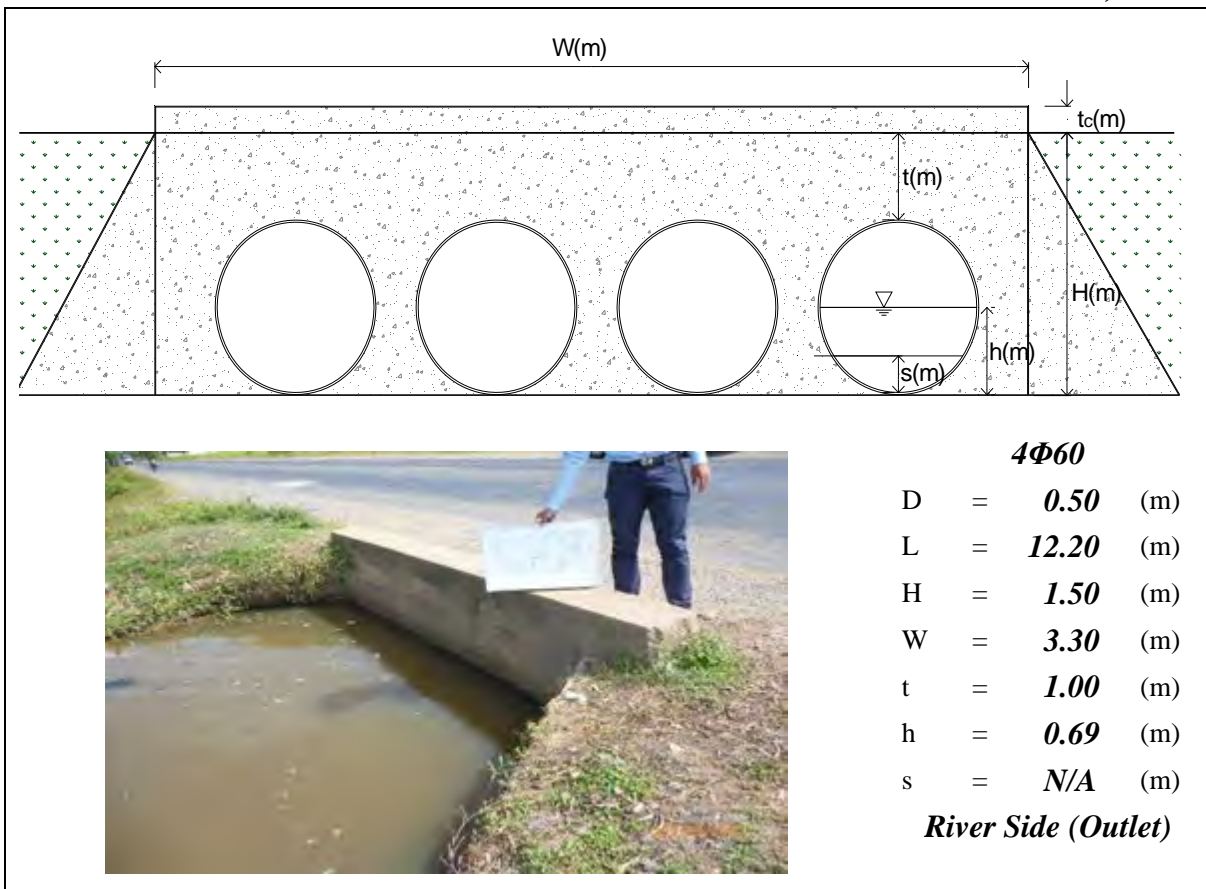
Date: **October 29, 2012**



KP: **56+080**

No.: **Pc015**

Date: **October 29, 2012**

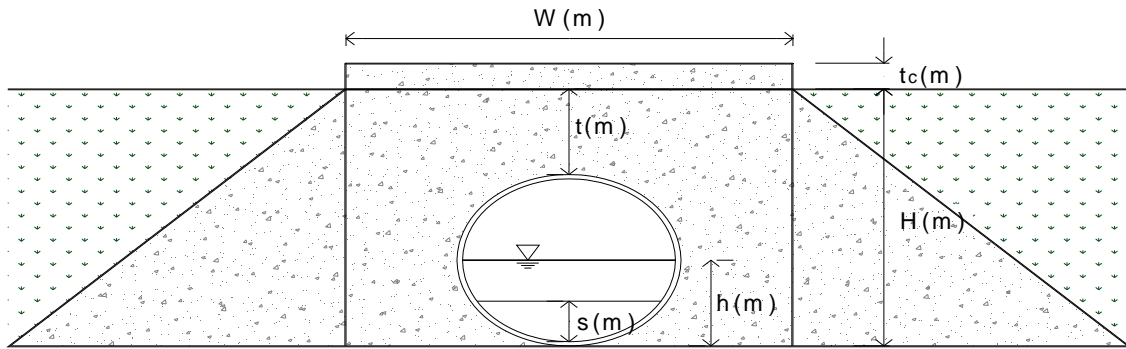


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **56+120**

No.: **Pc016**

Date: **October 22, 2012**



1Φ80

D = **0.80** (m)

L = **12.20** (m)

H = **1.20** (m)

W = **1.00** (m)

T = **0.40** (m)

H = **0.72** (m)

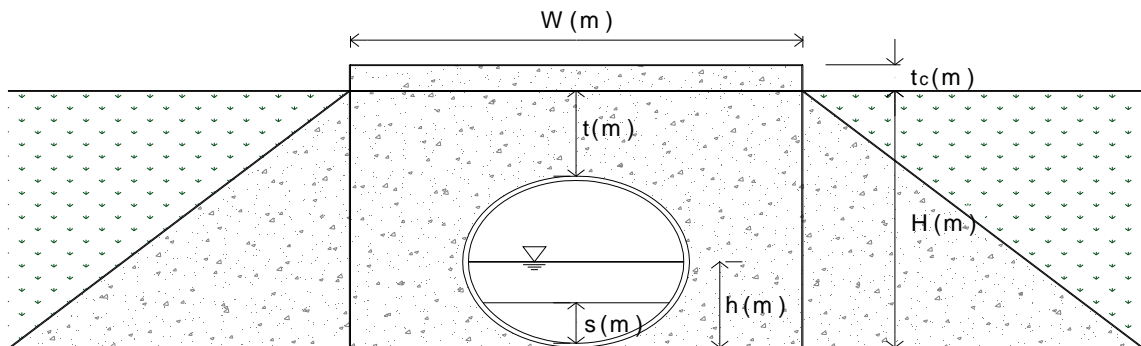
S = **0.20** (m)

River Side (Outlet)

KP: **57+600**

No.: **Pc017**

Date: **October 22, 2012**



1Φ100

D = **1.00** (m)

L = **12.30** (m)

H = **1.60** (m)

W = **1.75** (m)

T = **0.60** (m)

H = **0.77** (m)

S = **0.02** (m)

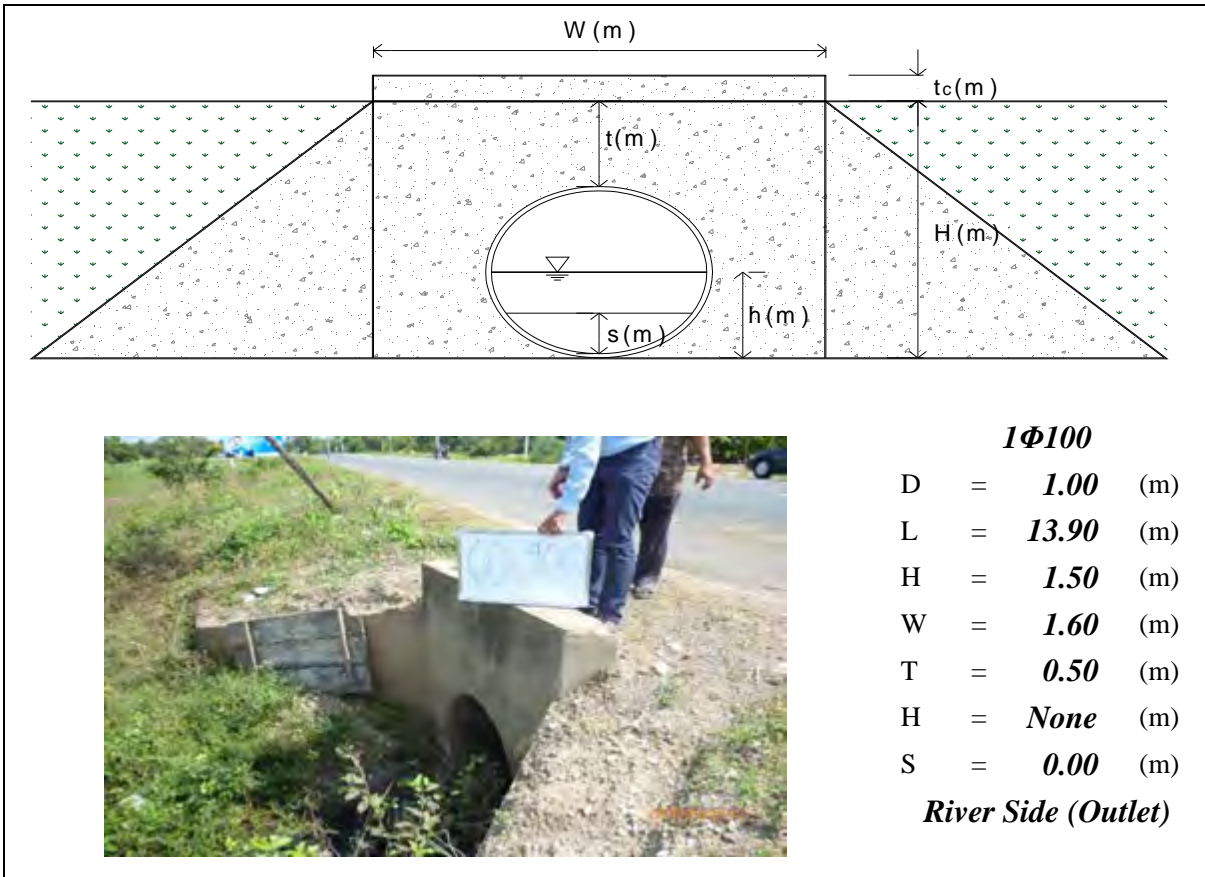
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **60+900**

No.: **Pc018**

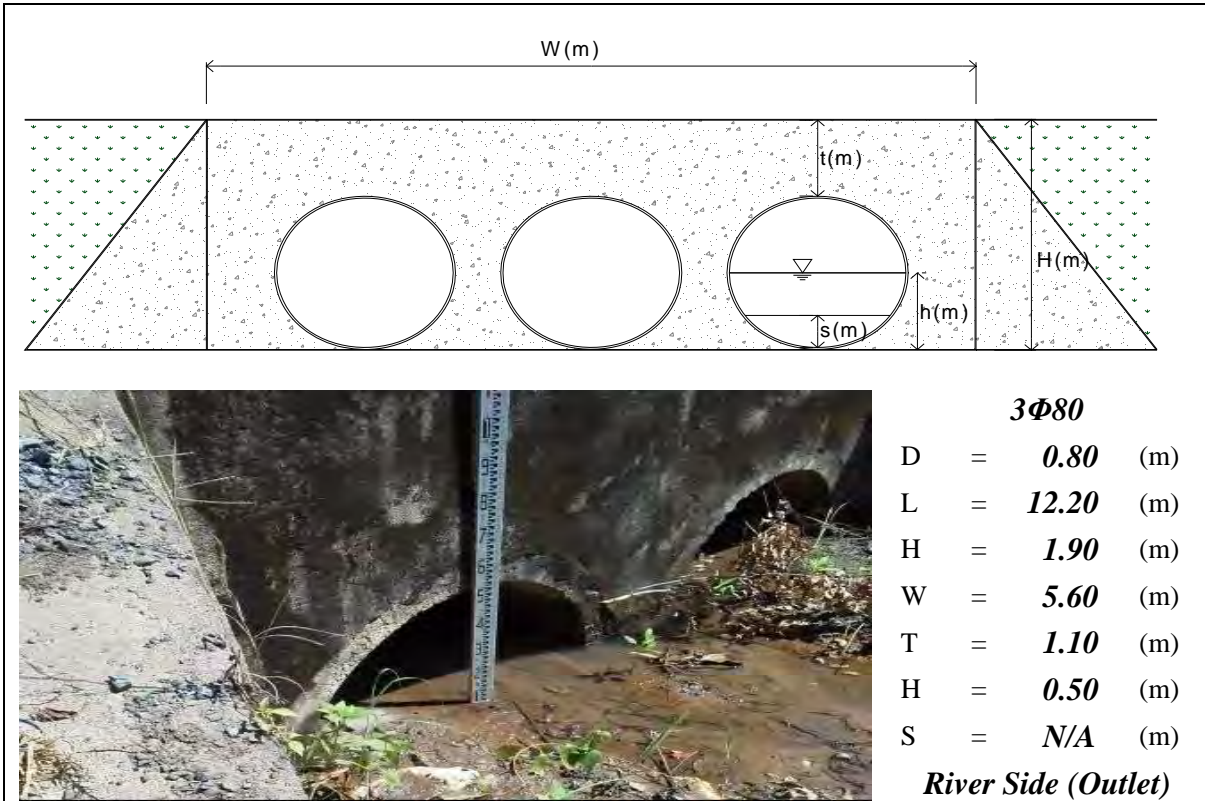
Date: **October 22, 2012**



KP: **62+900**

No.: **Pc019**

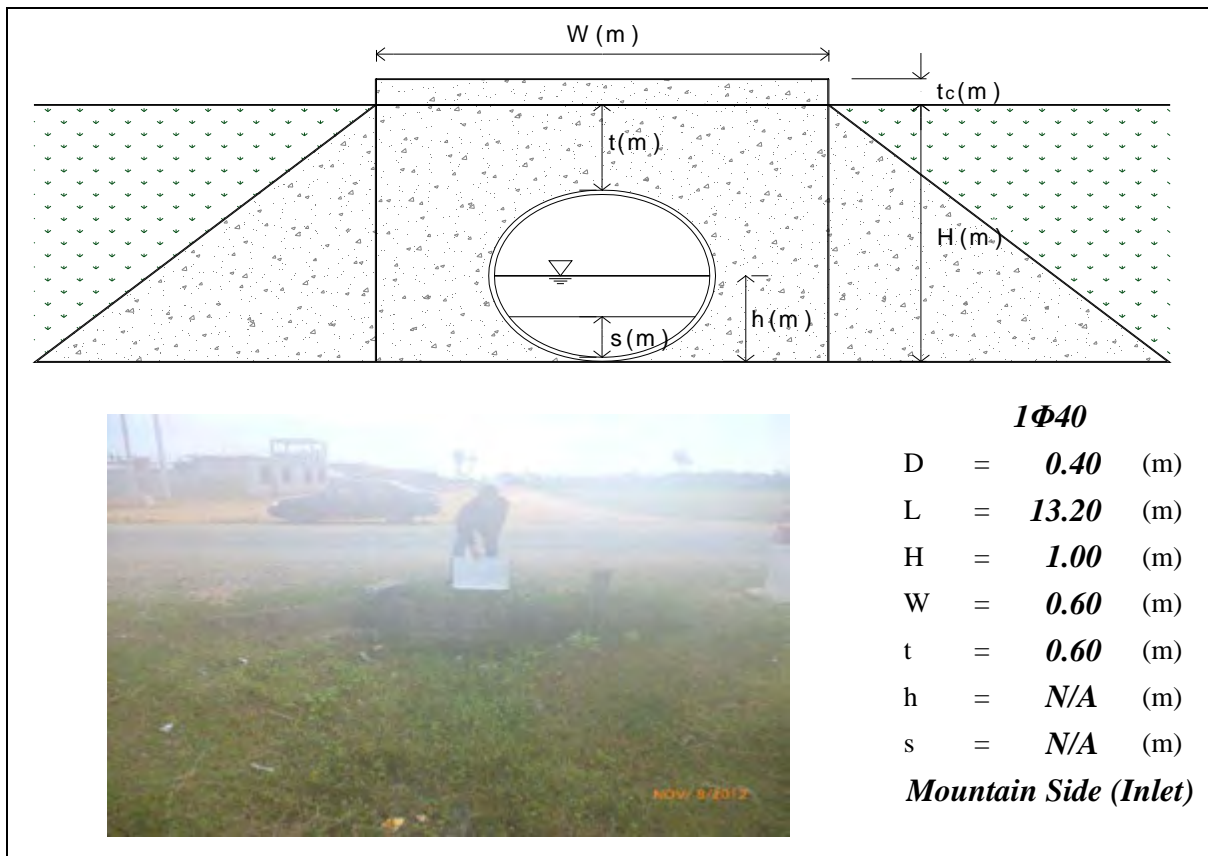
Date: **October 22, 2012**



Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

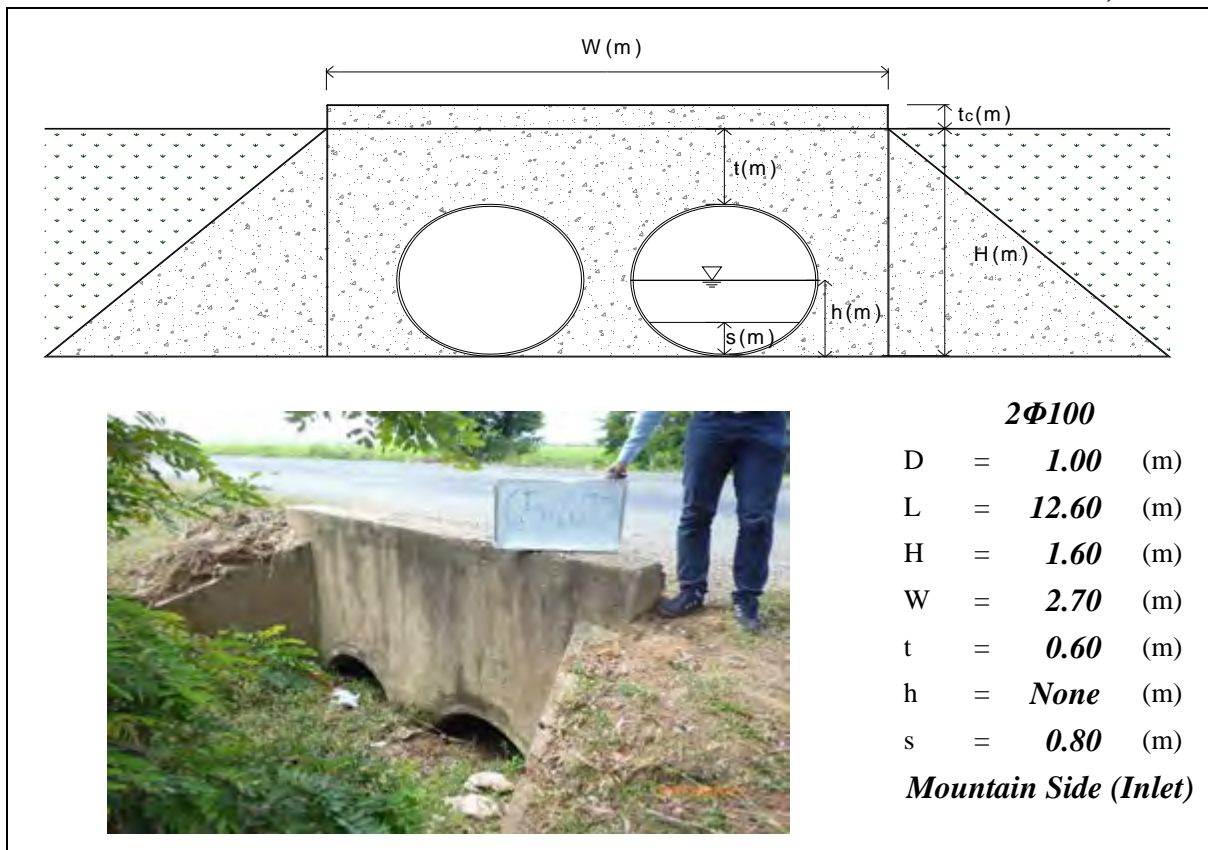
KP: **63+200**

No.: **Pc020** [River Side (Outlet) was reclaimed] Date: **October 22, 2012**

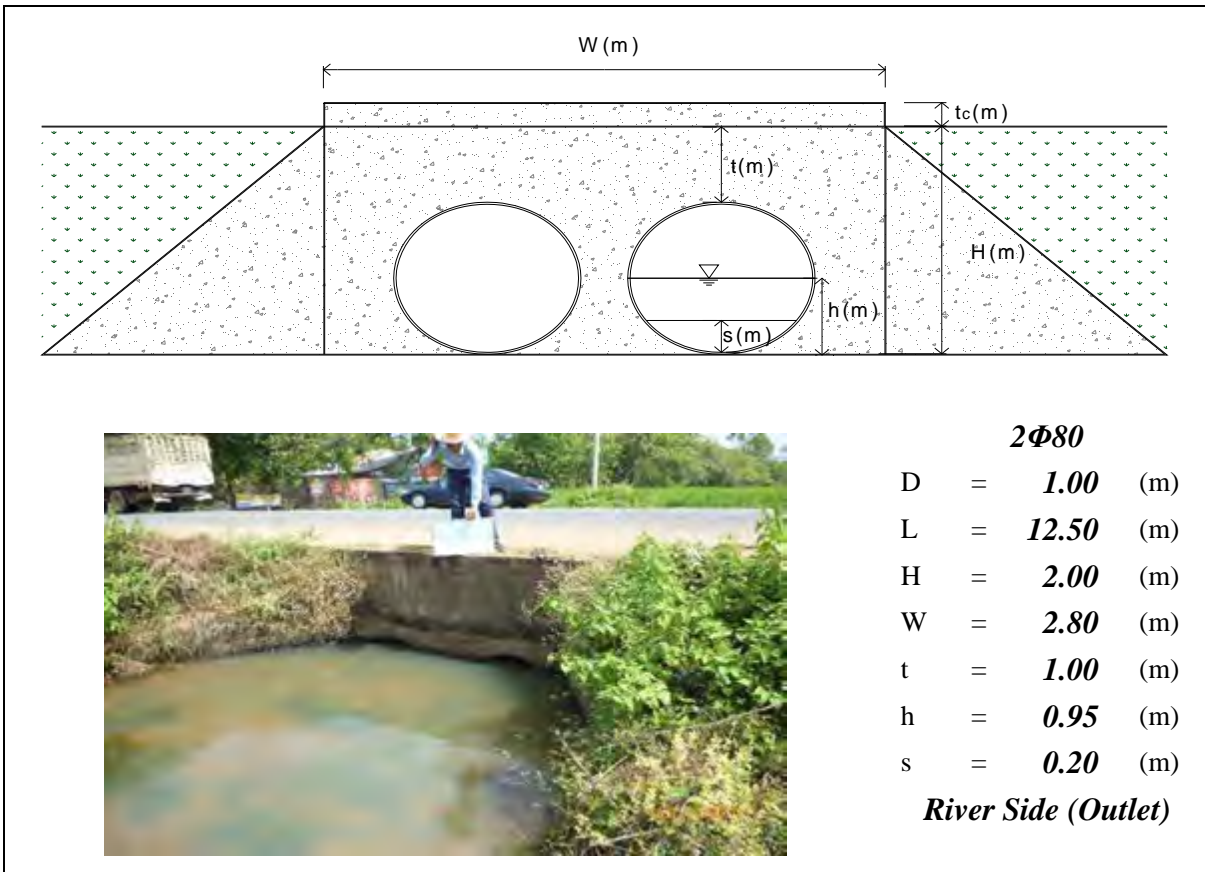
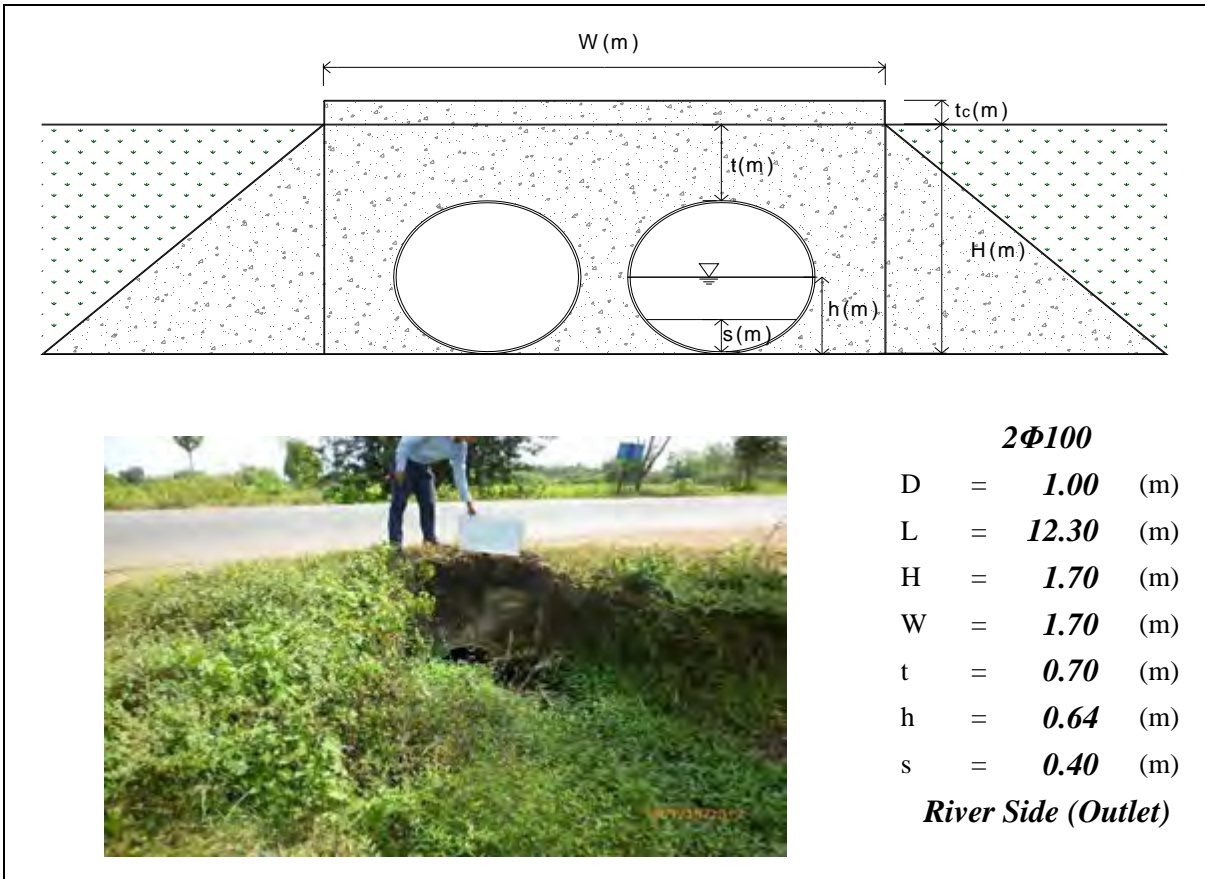


KP: **65+420**

No.: **Pc021** Date: **October 22, 2012**



Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

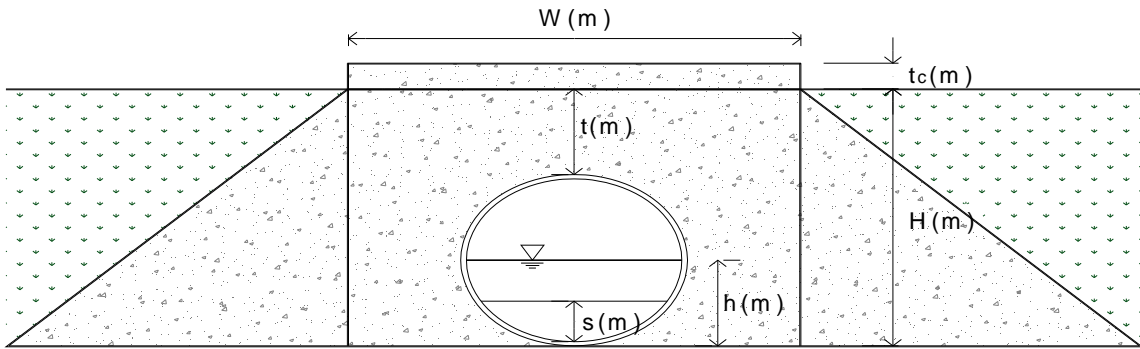


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **68+200**

No.: **Pc024**

Date: **October 23, 2012**



1Φ60

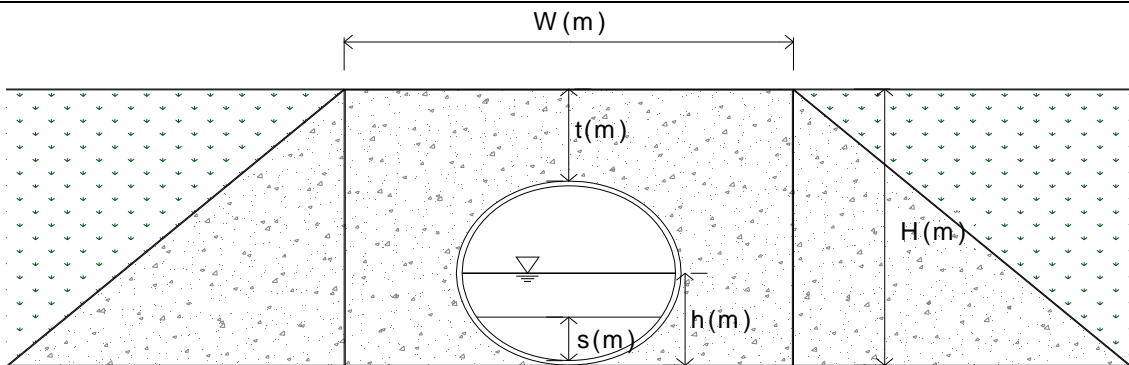
D	=	0.60	(m)
L	=	12.20	(m)
H	=	1.30	(m)
W	=	0.85	(m)
t	=	0.70	(m)
h	=	0.49	(m)
s	=	N/A	(m)

River Side (Outlet)

KP: **68+978**

No.: **Pc025**

Date: **October 23, 2012**



1Φ50

D	=	0.50	(m)
L	=	12.00	(m)
H	=	0.95	(m)
W	=	0.85	(m)
t	=	0.45	(m)
h	=	0.07	(m)
s	=	0.00	(m)

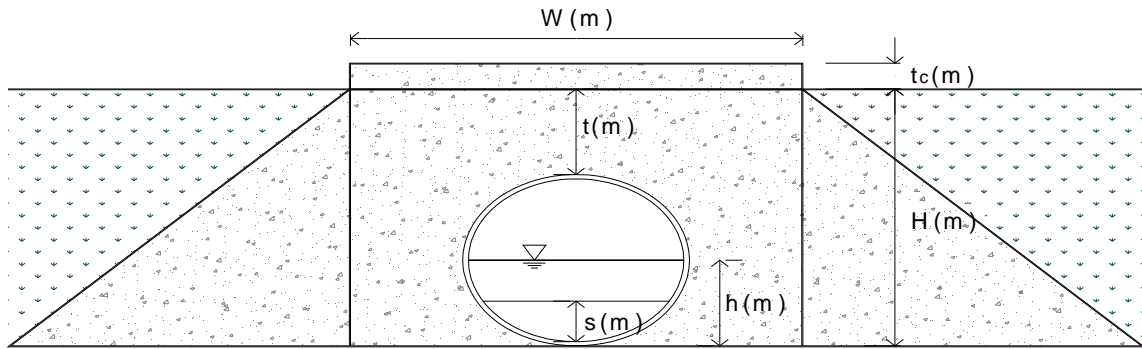
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **68+992**

No.: **Pc026**

Date: **October 23, 2012**



1Φ100

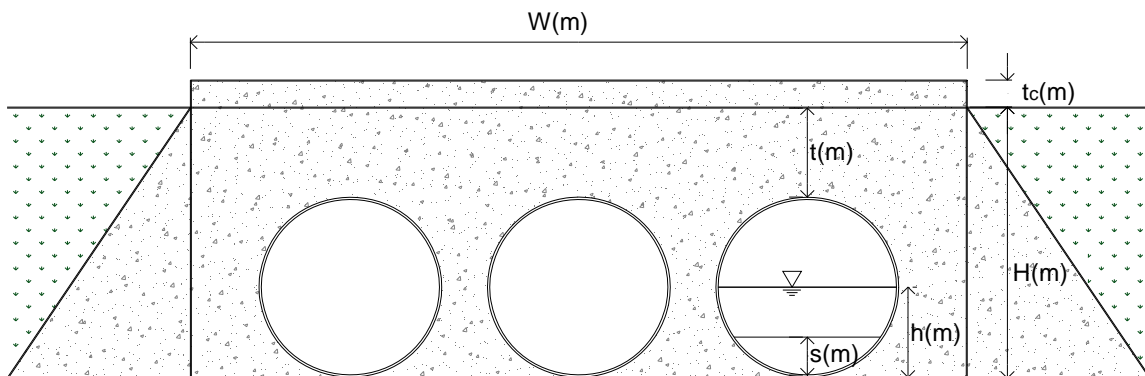
D	=	1.00	(m)
L	=	12.30	(m)
H	=	1.45	(m)
W	=	1.60	(m)
t	=	0.65	(m)
h	=	0.65	(m)
s	=	0.20	(m)

River Side (Outlet)

KP: **69+280**

No.: **Pc027**

Date: **October 23, 2012**



3Φ50

D	=	0.50	(m)
L	=	12.10	(m)
H	=	1.25	(m)
W	=	2.60	(m)
t	=	0.75	(m)
h	=	None	(m)
s	=	0.03	(m)

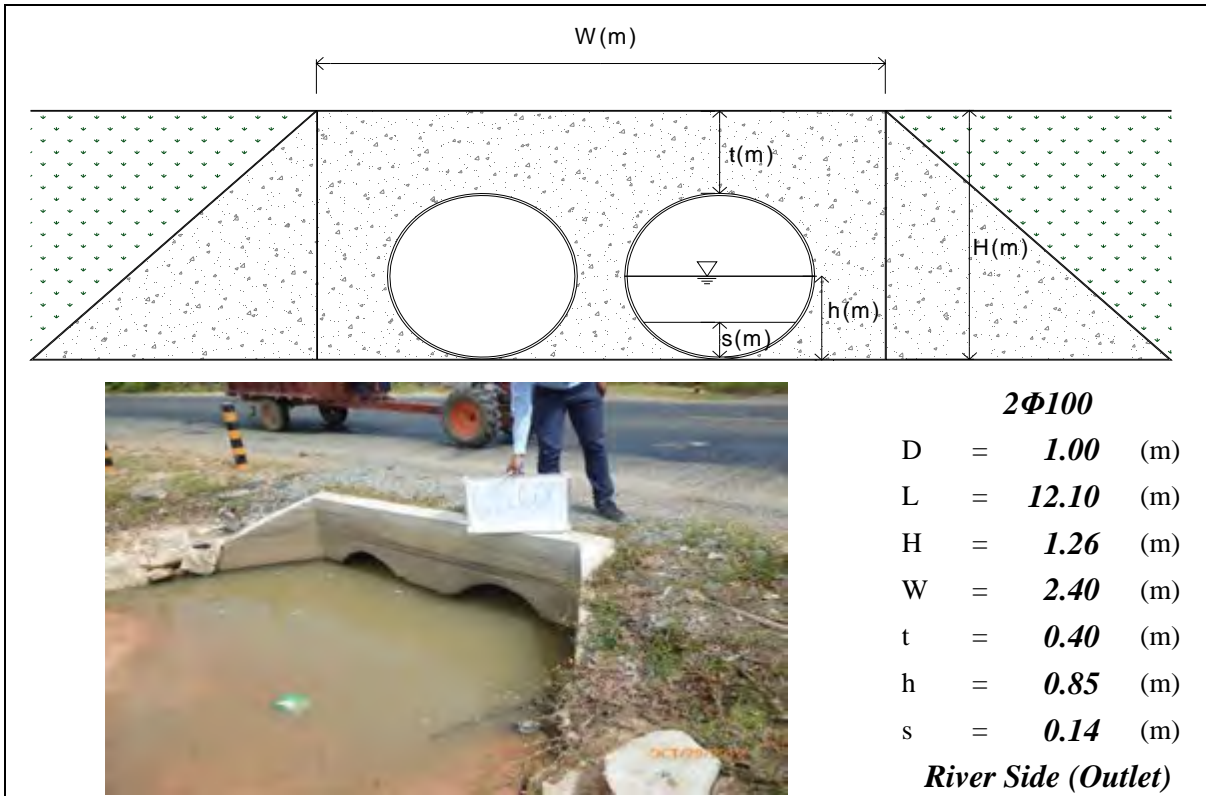
Mountain Side Inlet

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **69+600**

No.: **Pc028**

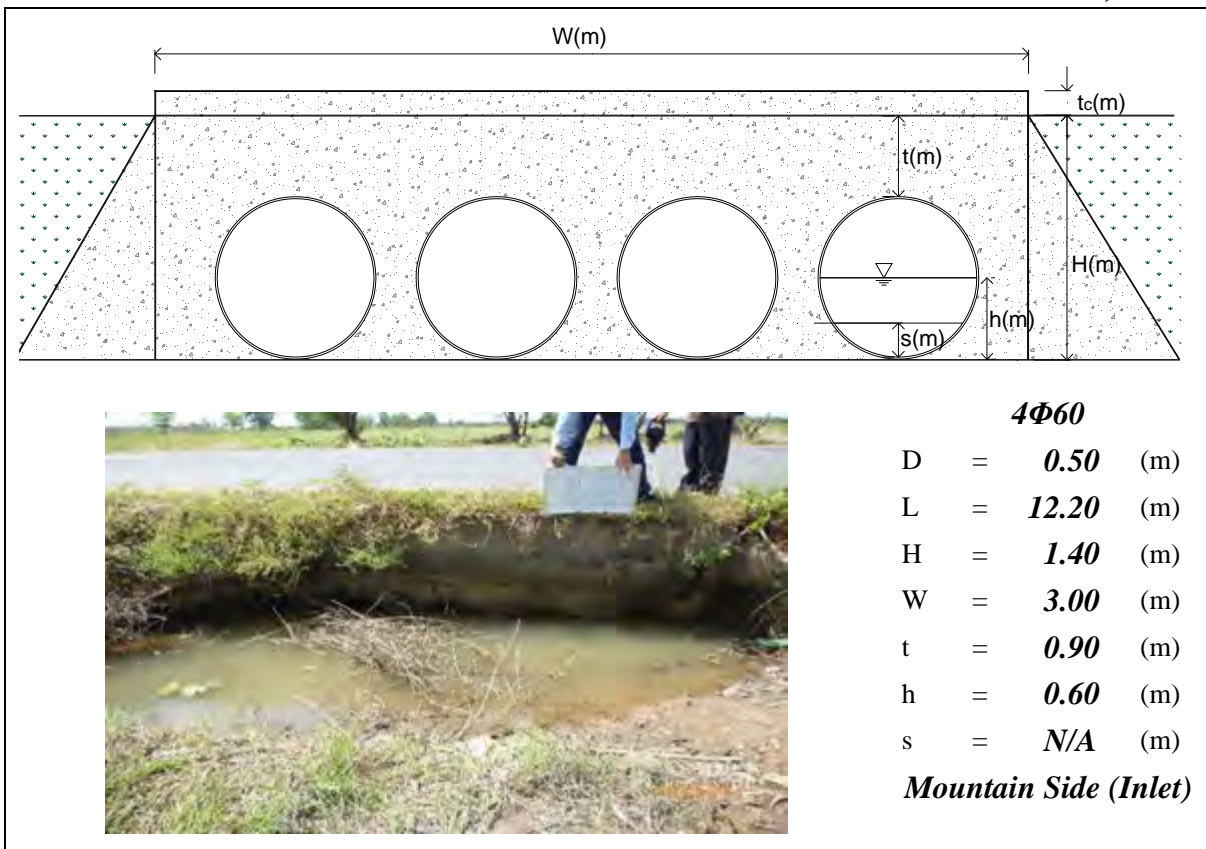
Date: **October 18, 2012**



KP: **70+250**

No.: **Pc029**

Date: **October 29, 2012**

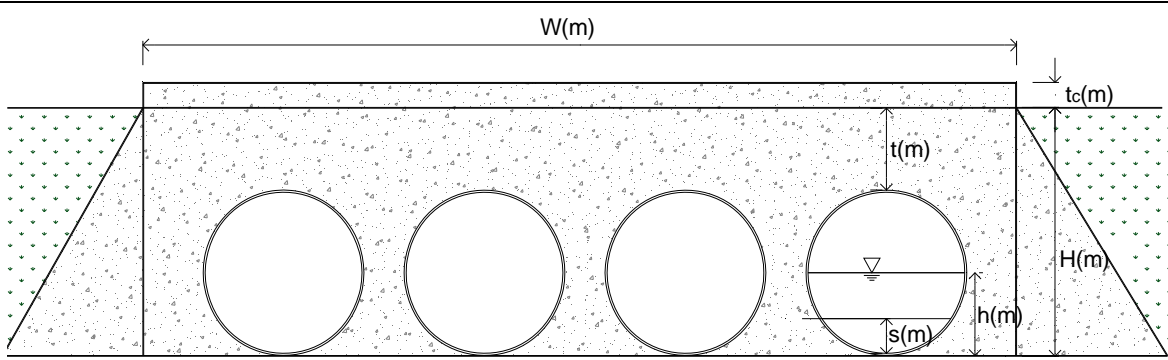


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **70+700**

No.: **Pc030**

Date: **October 29, 2012**



4Φ50

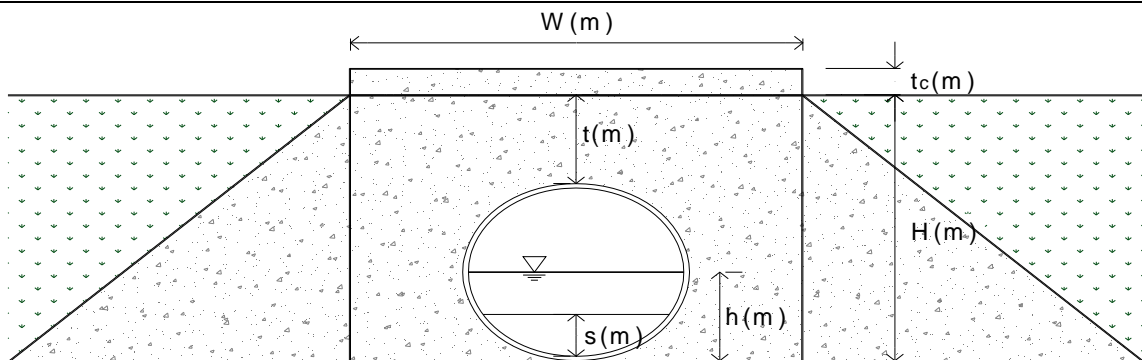
- D = **0.50** (m)
- L = **12.10** (m)
- H = **1.25** (m)
- W = **2.60** (m)
- t = **0.75** (m)
- h = **0.23** (m)
- s = **0.09** (m)

River Side (Outlet)

KP: **73+600**

No.: **Pc031 (Inlet and River Side (Outlet) had been scoured)**

Date: **October 23, 2012**



1Φ100

- D = **1.00** (m)
- L = **12.50** (m)
- H = **1.75** (m)
- W = **1.20** (m)
- t = **0.80** (m)
- h = **0.08** (m)
- s = **0.05** (m)

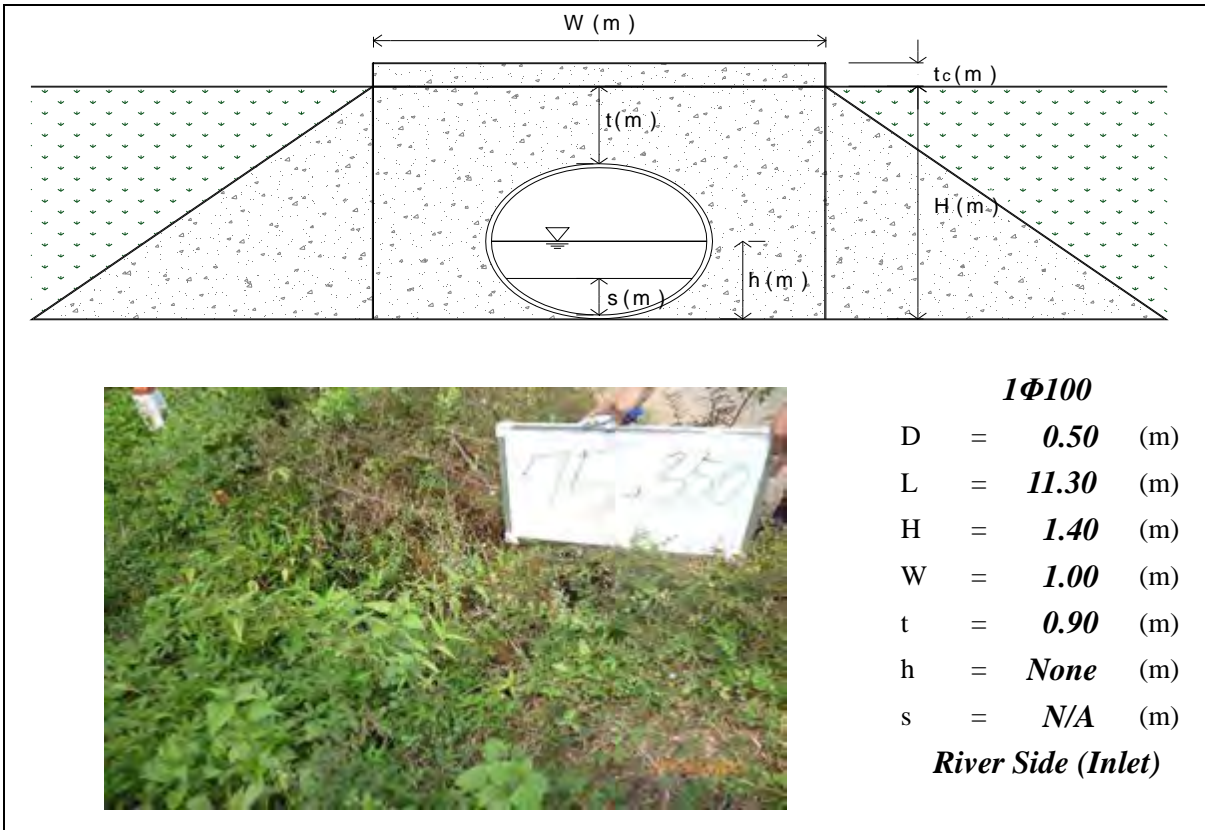
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **75+350**

No.: **Pc032**

Date: **October 23, 2012**

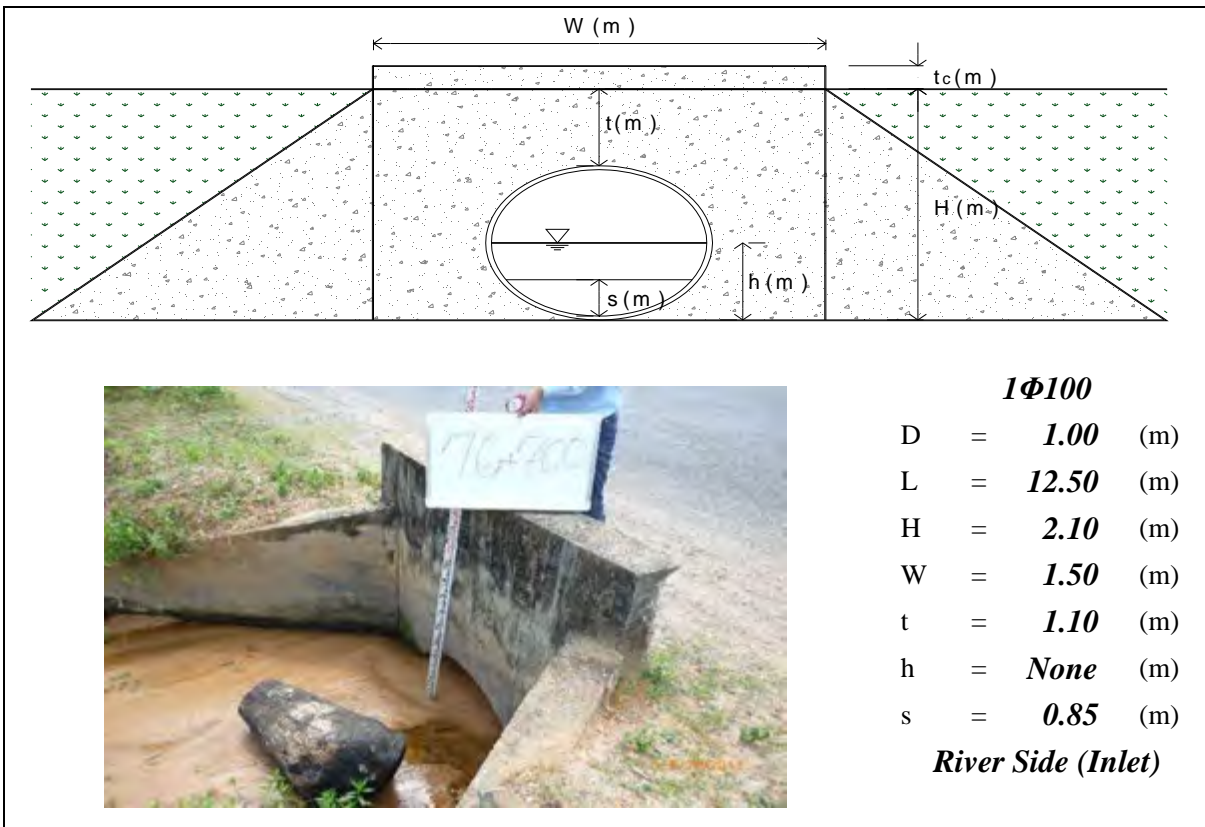


KP: **76+700**

No.: **Pc033**

Date: **October 29, 2012**

(Deposit with many sands)

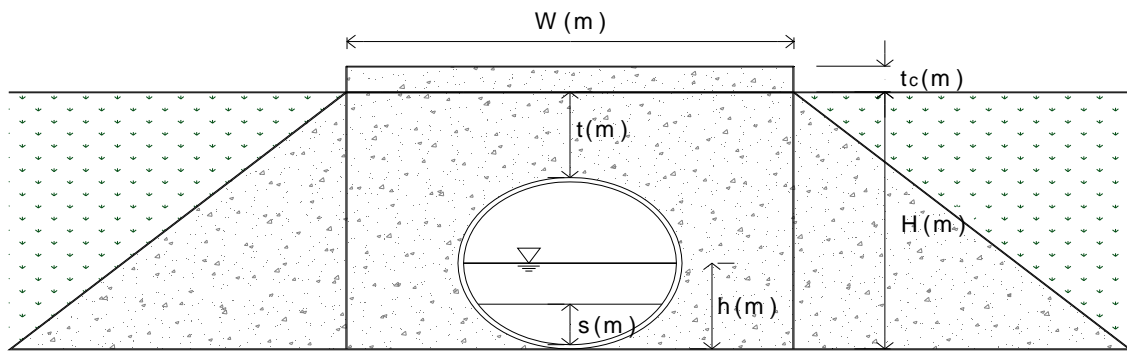


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, flood occurred among Pc032 ~ Pc035 from eastern mountain side (Tonle Sap River side)

KP: **78+500**

No.: **Pc034**

Date: **October 19, 2012**



1Φ100

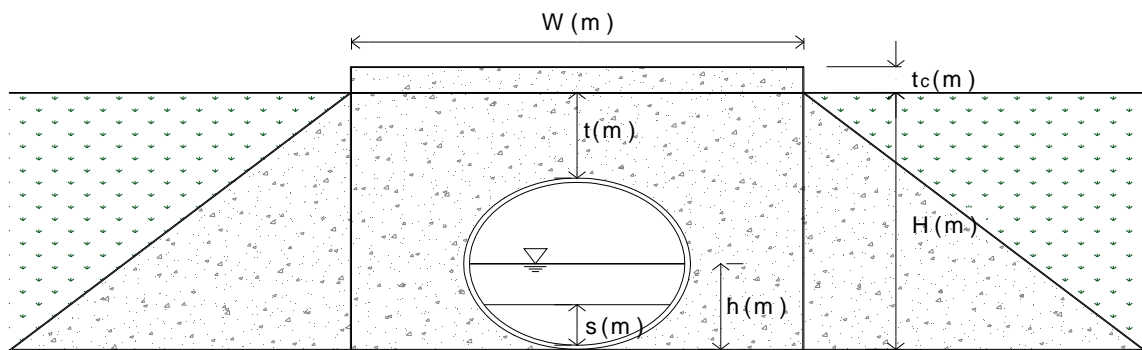
D	=	1.00	(m)
L	=	13.10	(m)
H	=	1.37	(m)
W	=	1.20	(m)
t	=	0.40	(m)
h	=	None	(m)
s	=	0.03	(m)

River Side (Inlet)

KP: **79+900**

No.: **Pc035**

Date: **October 30, 2012**



1Φ80

D	=	0.80	(m)
L	=	15.30	(m)
H	=	2.30	(m)
W	=	2.50	(m)
t	=	1.50	(m)
h	=	None	(m)
s	=	0.12	(m)

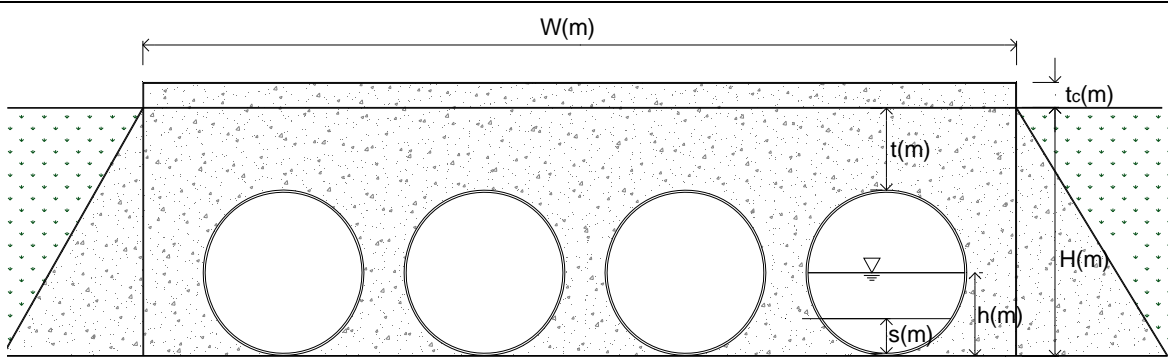
River Side (Inlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, flood occurred among Pc032 ~ Pc035 from eastern mountain side (Tonle Sap River side)

KP: **81+100**

No.: **Pc036**

Date: **October 23, 2012**



4Φ100

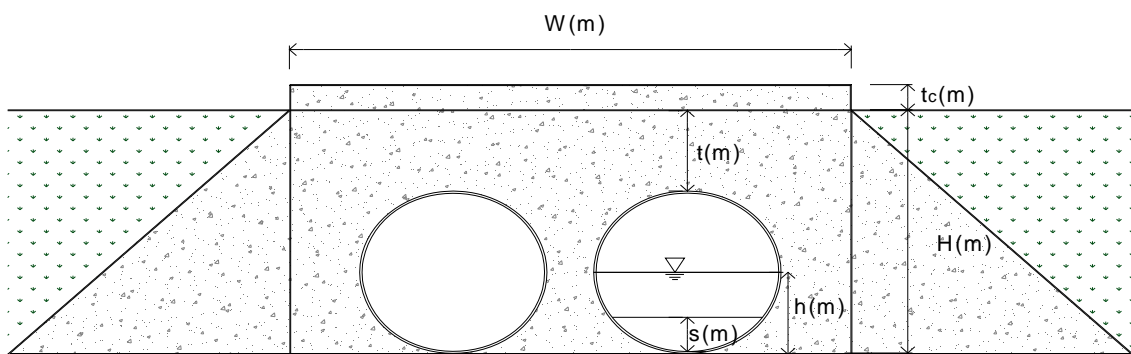
D	=	1.00	(m)
L	=	12.20	(m)
H	=	1.70	(m)
W	=	4.80	(m)
t	=	0.70	(m)
h	=	0.69	(m)
s	=	0.20	(m)

Mountain Side (Inlet)

KP: **81+200**

No.: **Pc037**

Date: **October 29, 2012**



2Φ100

D	=	1.00	(m)
L	=	12.10	(m)
H	=	1.95	(m)
W	=	3.00	(m)
t	=	1.10	(m)
h	=	0.73	(m)
s	=	0.15	(m)

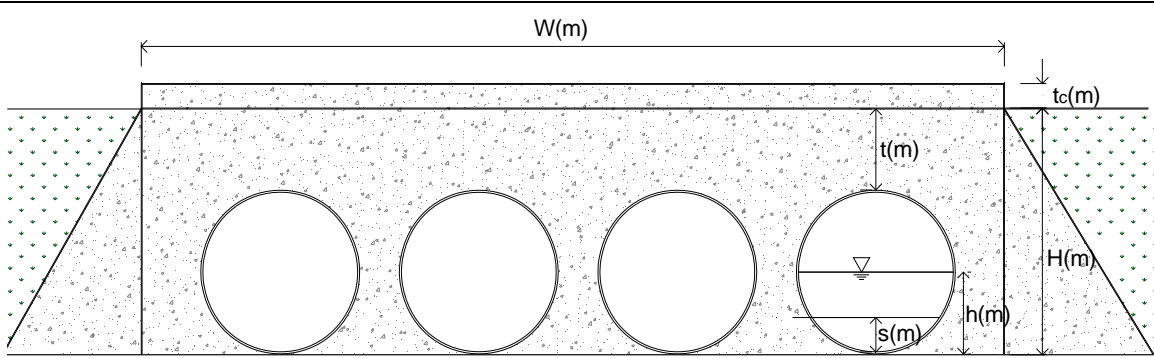
Mountain Side (Inlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **81+300**

No.: **Pc038**

Date: **October 23, 2012**



4Φ100

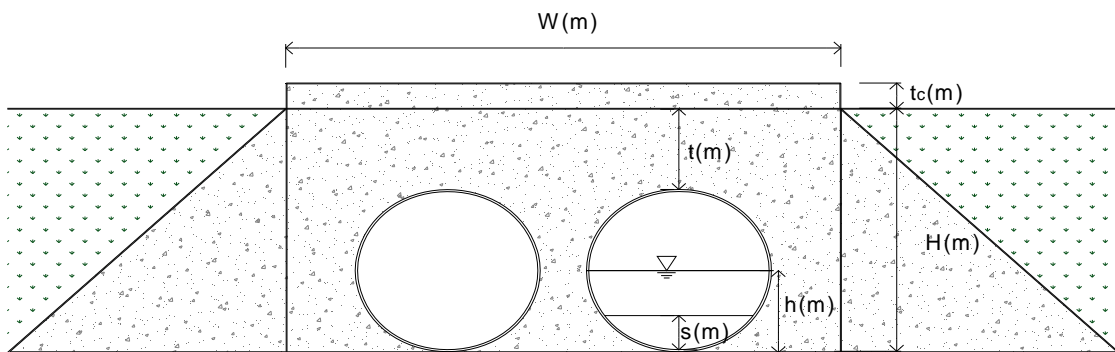
D	=	1.00	(m)
L	=	12.20	(m)
H	=	1.70	(m)
W	=	4.70	(m)
t	=	0.70	(m)
h	=	0.65	(m)
s	=	0.30	(m)

River Side (Outlet)

KP: **81+700**

No.: **Pc039**

Date: **October 30, 2012**



2Φ100

D	=	1.00	(m)
L	=	12.20	(m)
H	=	2.11	(m)
W	=	3.50	(m)
t	=	1.10	(m)
h	=	0.40	(m)
s	=	N/A	(m)

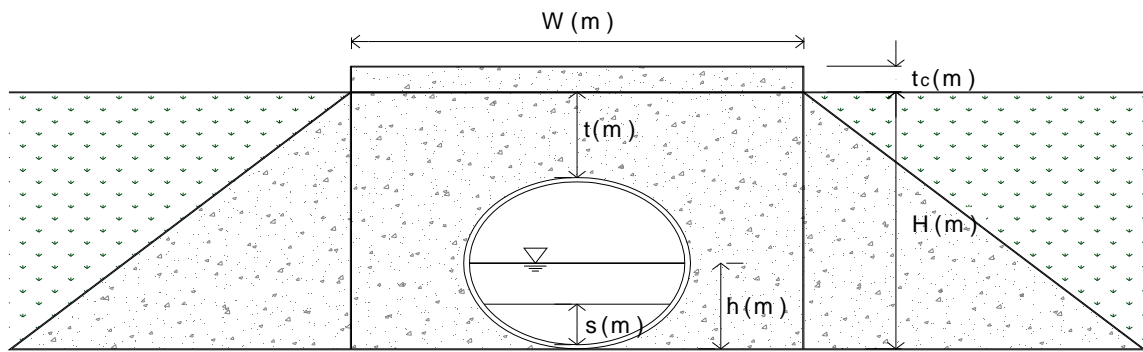
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **81+750**

No.: **Pc040**

Date: **October 18, 2012**



1Φ100

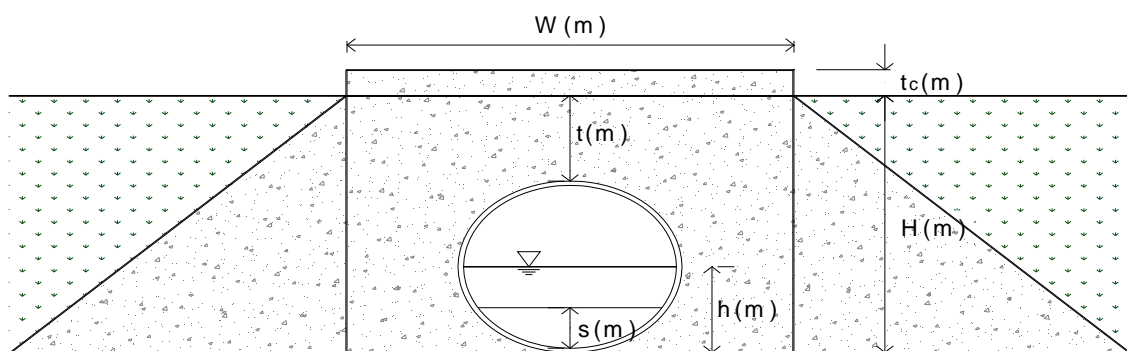
D	=	1.00	(m)
L	=	12.00	(m)
H	=	N/A	(m)
W	=	1.70	(m)
t	=	1.30	(m)
h	=	0.65	(m)
s	=	0.00	(m)

River Side (Outlet)

KP: **81+900**

No.: **Pc041**

Date: **October 19, 2012**



1Φ100

D	=	1.00	(m)
L	=	11.70	(m)
H	=	N/A	(m)
W	=	1.75	(m)
t	=	1.20	(m)
h	=	0.05	(m)
s	=	0.00	(m)

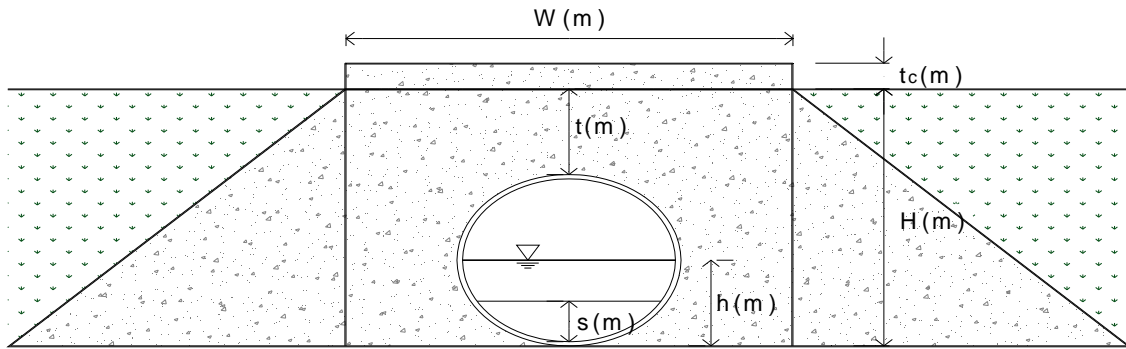
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **81+994**

No.: **Pc042**

Date: **October 19, 2012**



1Φ100

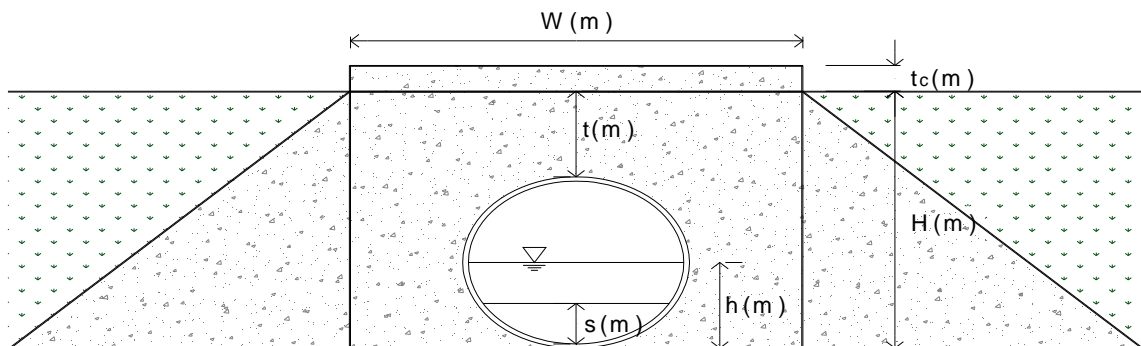
D	=	1.00	(m)
L	=	11.20	(m)
H	=	2.60	(m)
W	=	1.75	(m)
t	=	1.60	(m)
h	=	0.05	(m)
s	=	0.00	(m)

River Side (Outlet)

KP: **82+600**

No.: **Pc043**

Date: **October 19, 2012**



1Φ100

D	=	1.00	(m)
L	=	11.10	(m)
H	=	2.25	(m)
W	=	1.77	(m)
t	=	1.25	(m)
h	=	N/A	(m)
s	=	N/A	(m)

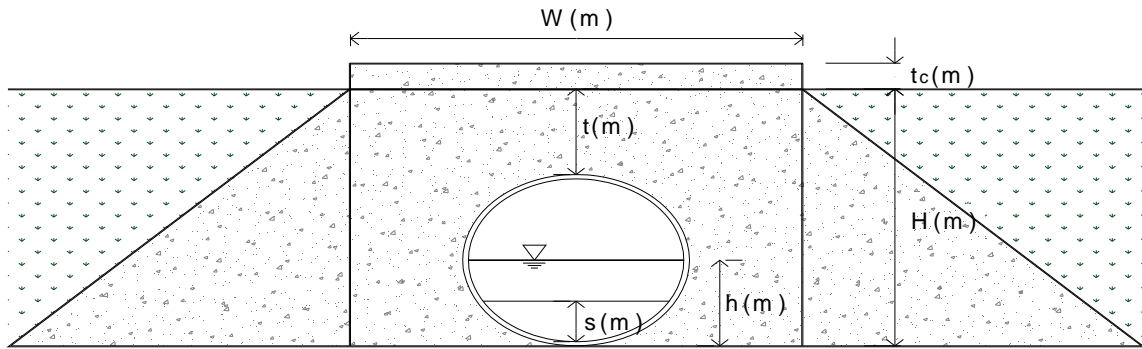
Mountain Side (Inlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: 82+750

No.: Pc044

Date: October 19, 2012



1Φ100

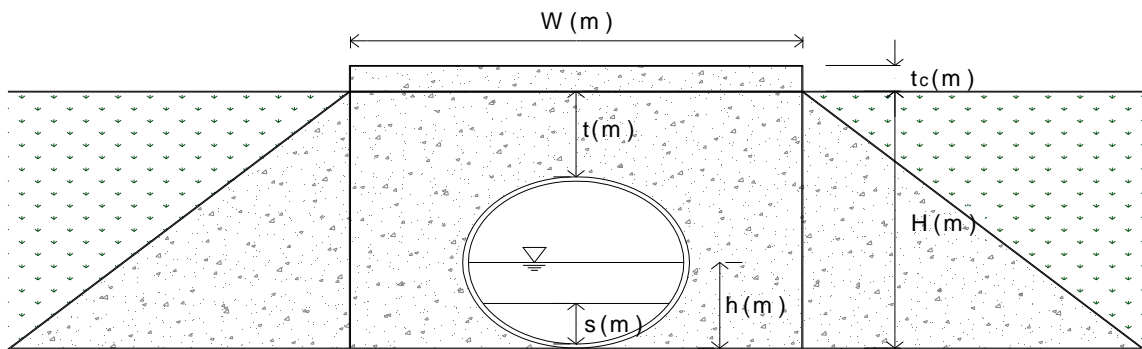
D	=	1.00	(m)
L	=	11.00	(m)
H	=	N/A	(m)
W	=	1.77	(m)
t	=	N/A	(m)
h	=	N/A	(m)
s	=	N/A	(m)

River Side (Outlet)

KP: 82+850

No.: Pc045

Date: October 19, 2012



1Φ100

D	=	1.00	m
L	=	11.00	(m)
H	=	2.80	(m)
W	=	1.77	(m)
t	=	1.80	(m)
h	=	0.03	(m)
s	=	0.02	(m)

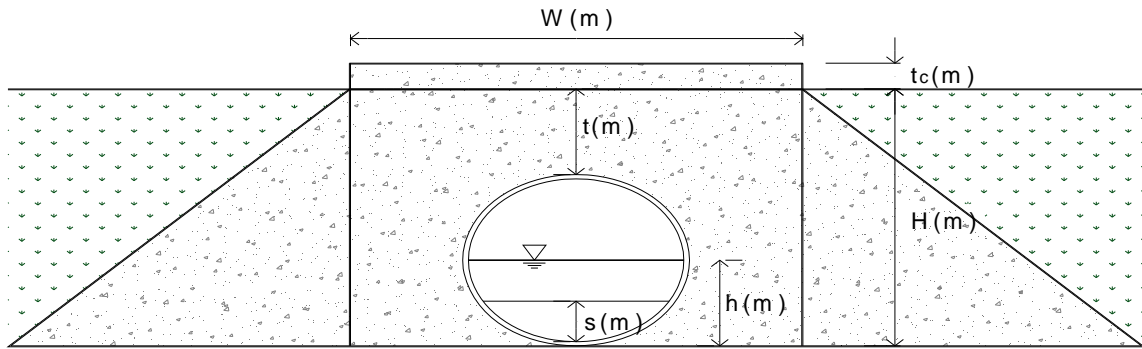
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **82+950**

No.: **Pc046**

Date: **October 30, 2012**



1Φ100

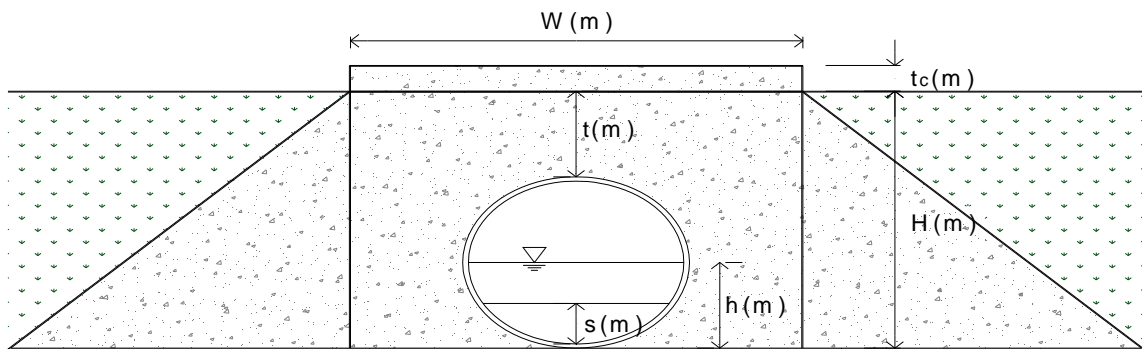
D	=	1.00	(m)
L	=	11.10	(m)
H	=	2.73	(m)
W	=	1.75	(m)
t	=	1.70	(m)
h	=	0.14	(m)
s	=	0.00	(m)

River Side (Outlet)

KP: **84+700**

No.: **Pc047**

Date: **October 29, 2012**



1Φ100

D	=	1.00	(m)
L	=	12.50	(m)
H	=	2.10	(m)
W	=	1.20	(m)
t	=	1.10	(m)
h	=	0.63	(m)
s	=	0.00	(m)

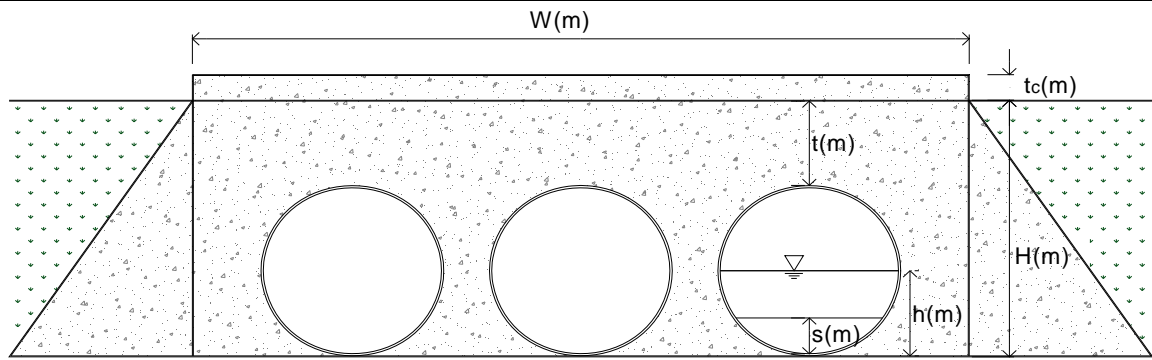
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **87+600**

No.: **Pc048**

Date: **October 29, 2012**



3Φ100

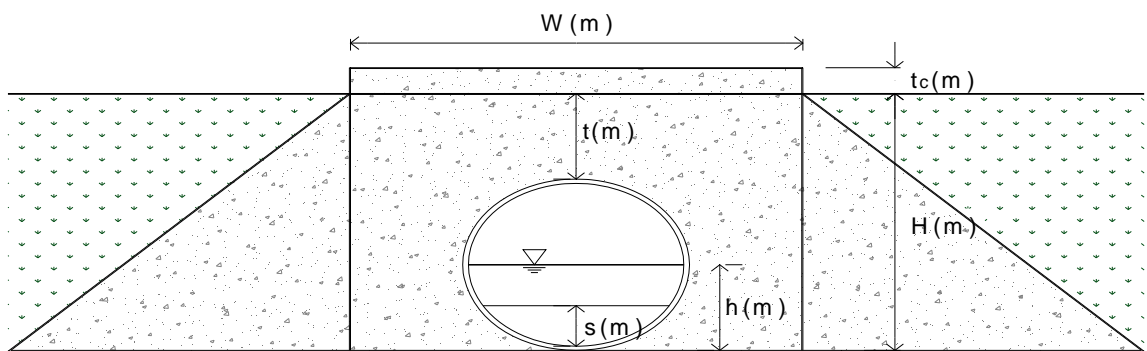
D	=	1.00	(m)
L	=	14.00	(m)
H	=	2.10	(m)
W	=	3.80	(m)
t	=	1.20	(m)
h	=	N/A	(m)
s	=	N/A	(m)

River Side (Outlet)

KP: **92+300**

No.: **Pc049**

Date: **October 20, 2012**



1Φ100

D	=	1.00	(m)
L	=	14.75	(m)
H	=	1.30	(m)
W	=	1.30	(m)
t	=	0.30	(m)
h	=	0.54	(m)
s	=	0.25	(m)

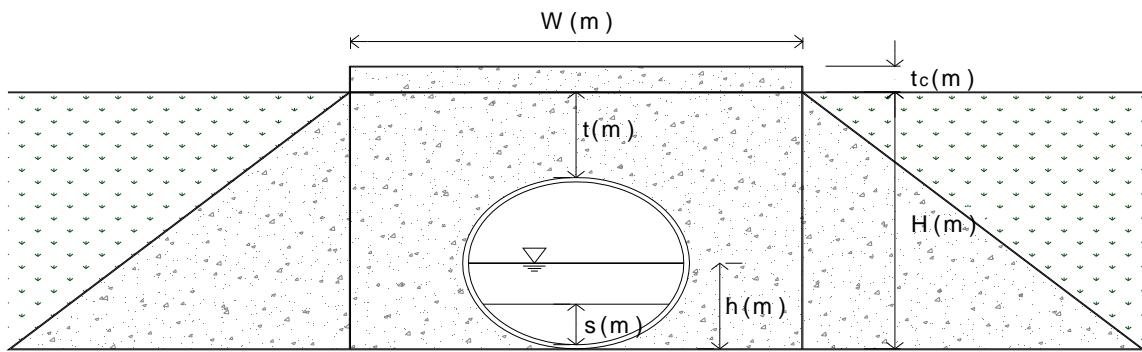
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **92+350**

No.: **Pc050**

Date: **October 20, 2012**



1Φ100

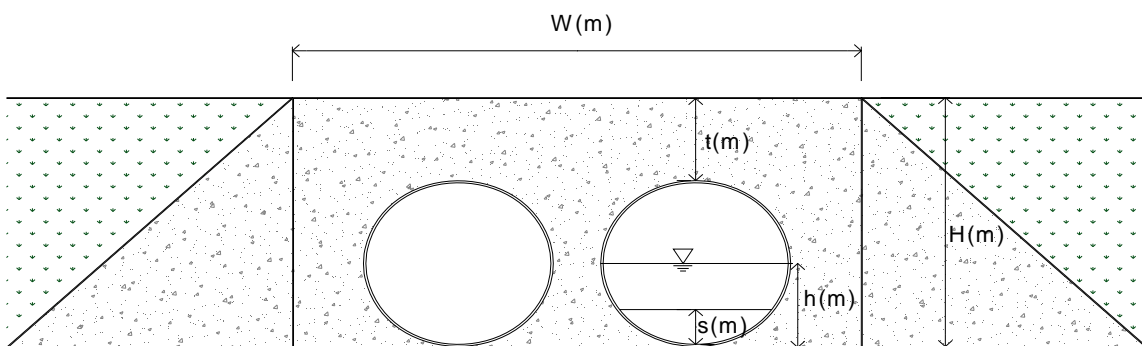
D	=	1.00	(m)
L	=	14.70	(m)
H	=	1.30	(m)
W	=	1.15	(m)
t	=	0.30	(m)
h	=	0.54	(m)
s	=	0.50	(m)

River Side (Outlet)

KP: **93+400**

No.: **Pc051**

Date: **October 30, 2012**



2Φ60

D	=	0.60	(m)
L	=	12.00	(m)
H	=	1.50	(m)
W	=	2.20	(m)
t	=	0.90	(m)
h	=	0.20	(m)
s	=	N/A	(m)

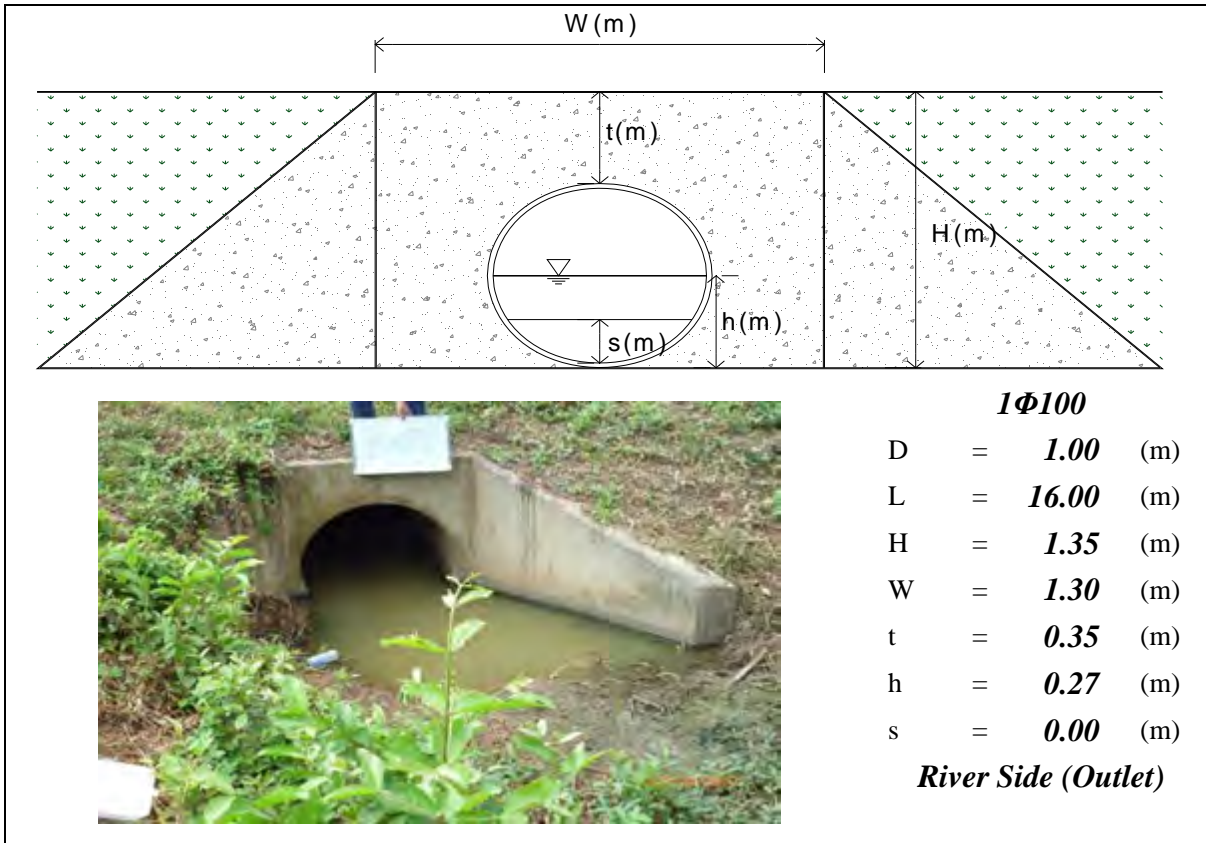
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **93+936**

No.: **Pc052**

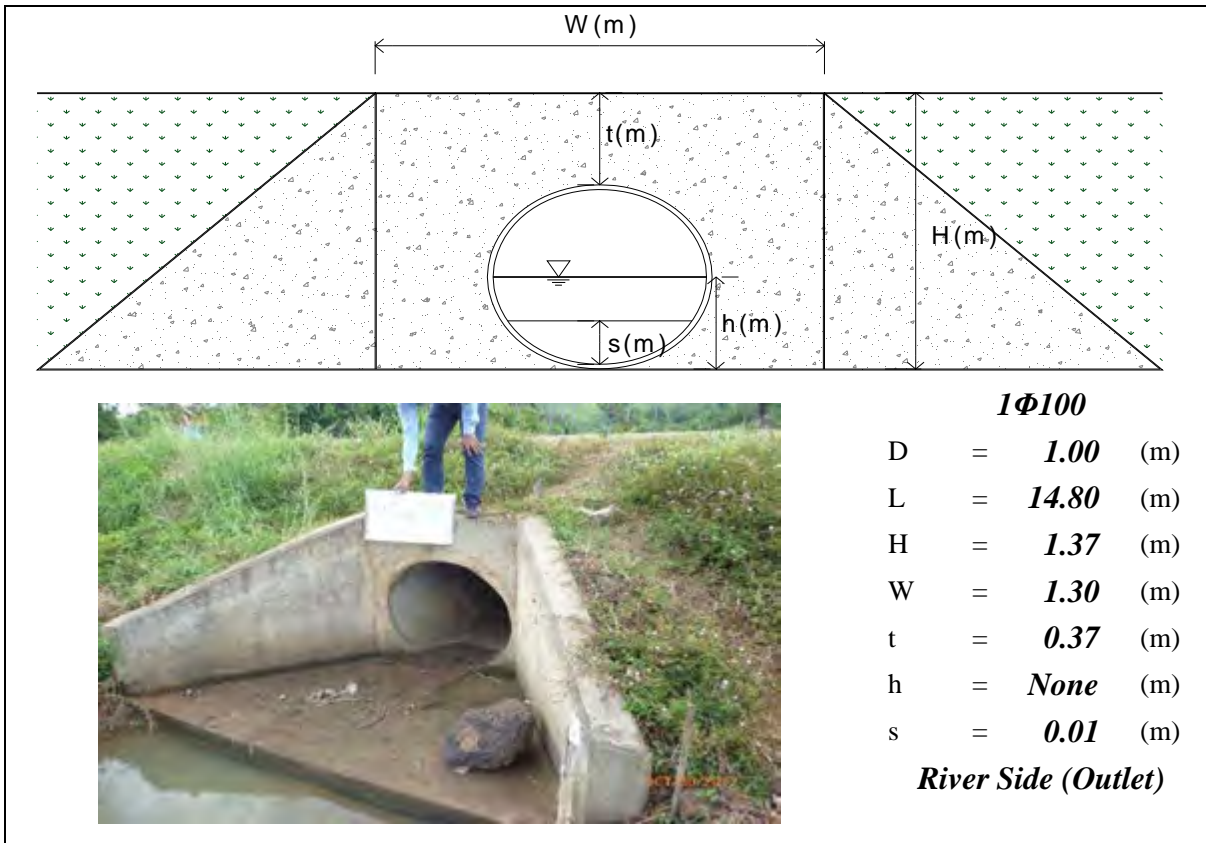
Date: **October 20, 2012**



KP: **95+100**

No.: **Pc053**

Date: **October 20, 2012**

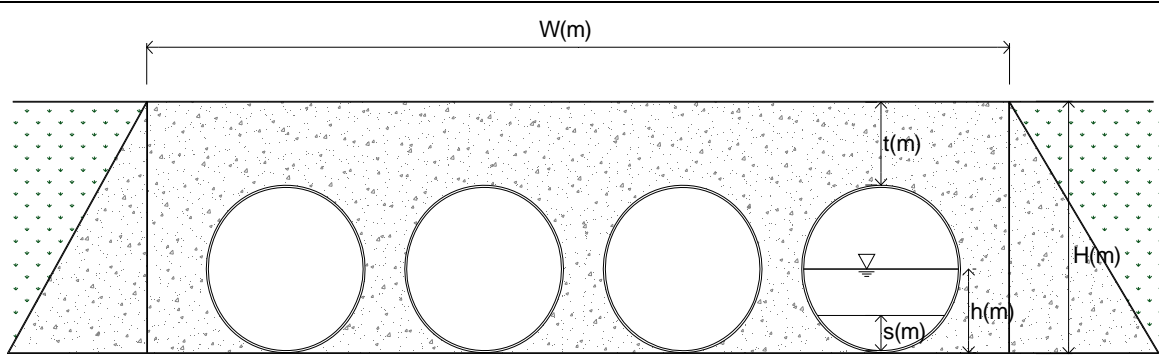


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **96+875**

No.: **Pc054**

Date: **October 20, 2012**



4Φ80

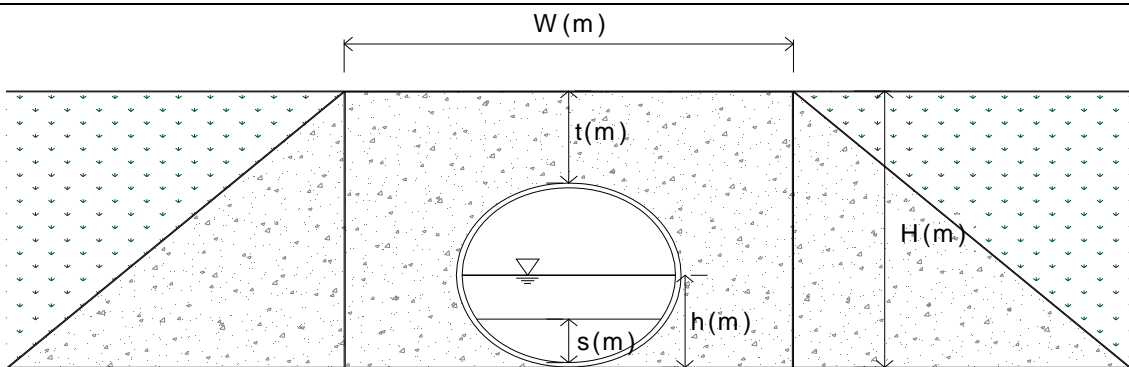
D	=	0.80	(m)
L	=	17.20	(m)
H	=	1.17	(m)
W	=	4.80	(m)
t	=	0.37	(m)
h	=	>0.80	(m)
s	=	N/A	(m)

River Side (Outlet)

KP: **97+400**

No.: **Pc055**

Date: **October 20, 2012**



1Φ100

D	=	1.00	(m)
L	=	14.10	(m)
H	=	1.35	(m)
W	=	1.30	(m)
t	=	0.35	(m)
h	=	0.46	(m)
s	=	0.00	(m)

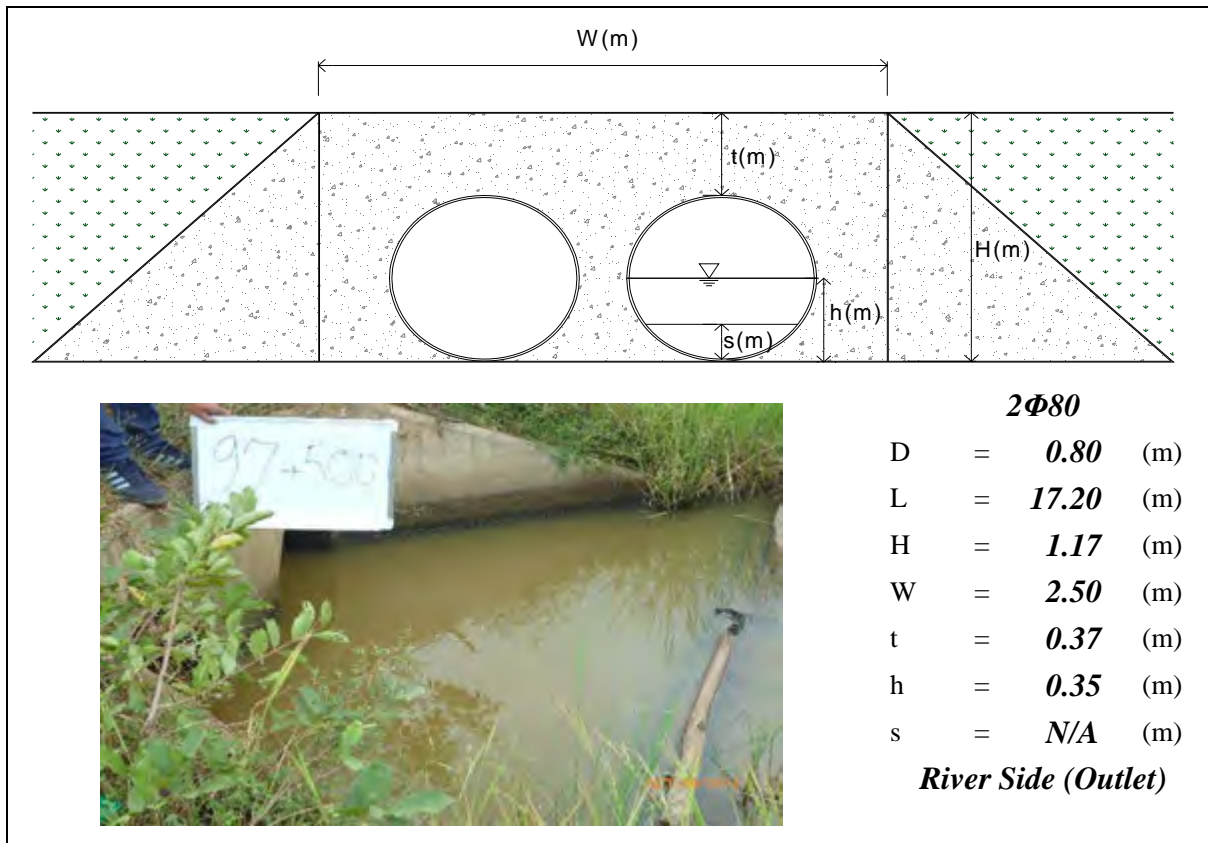
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **97+500**

No.: **Pc056**

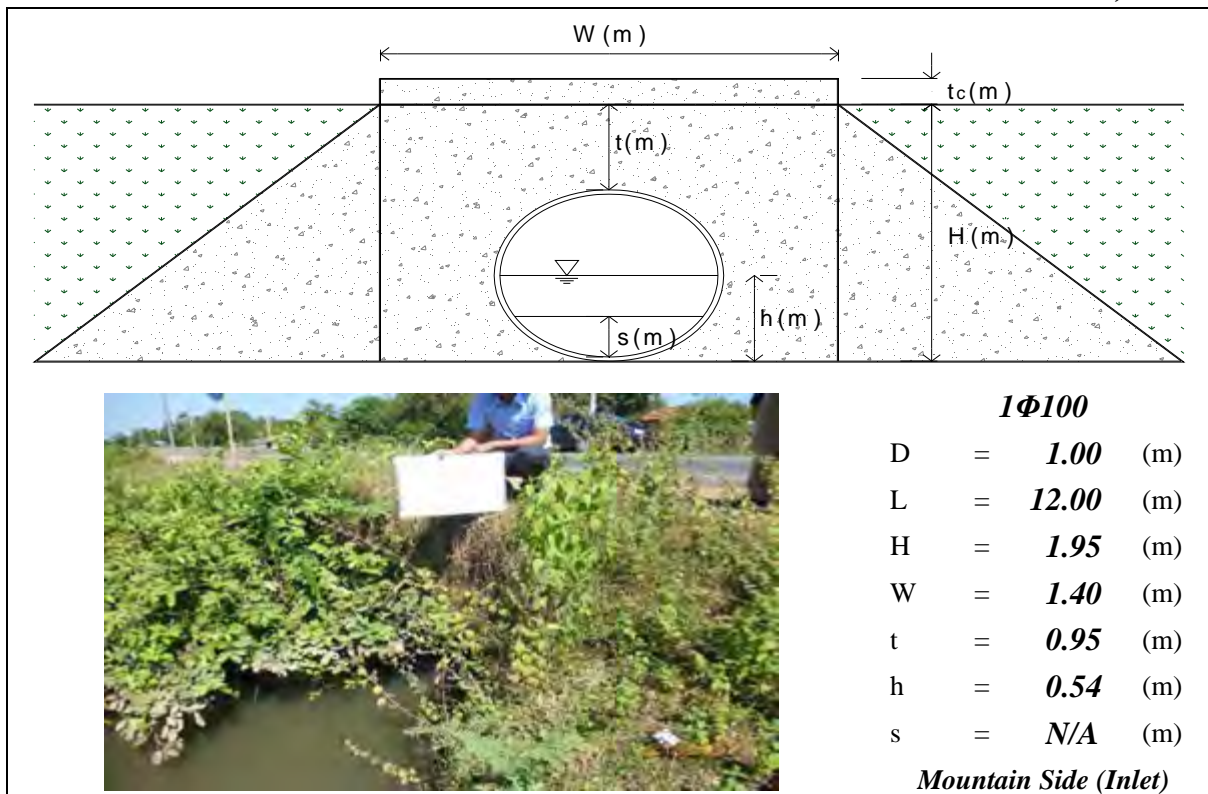
Date: **October 30, 2012**



KP: **98+600**

No.: **Pc057**

Date: **October 25, 2012**

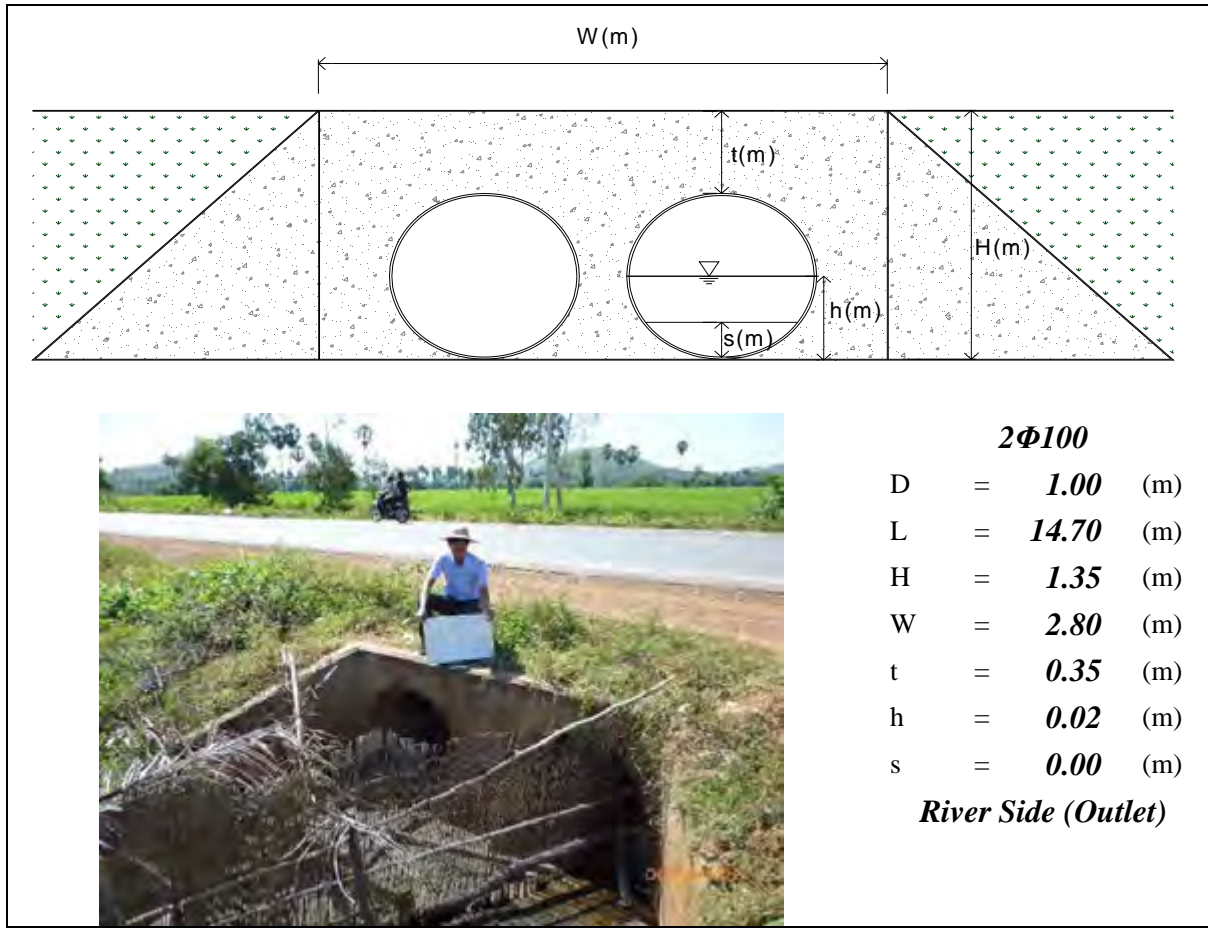


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **99+300**

No.: **Pc058**

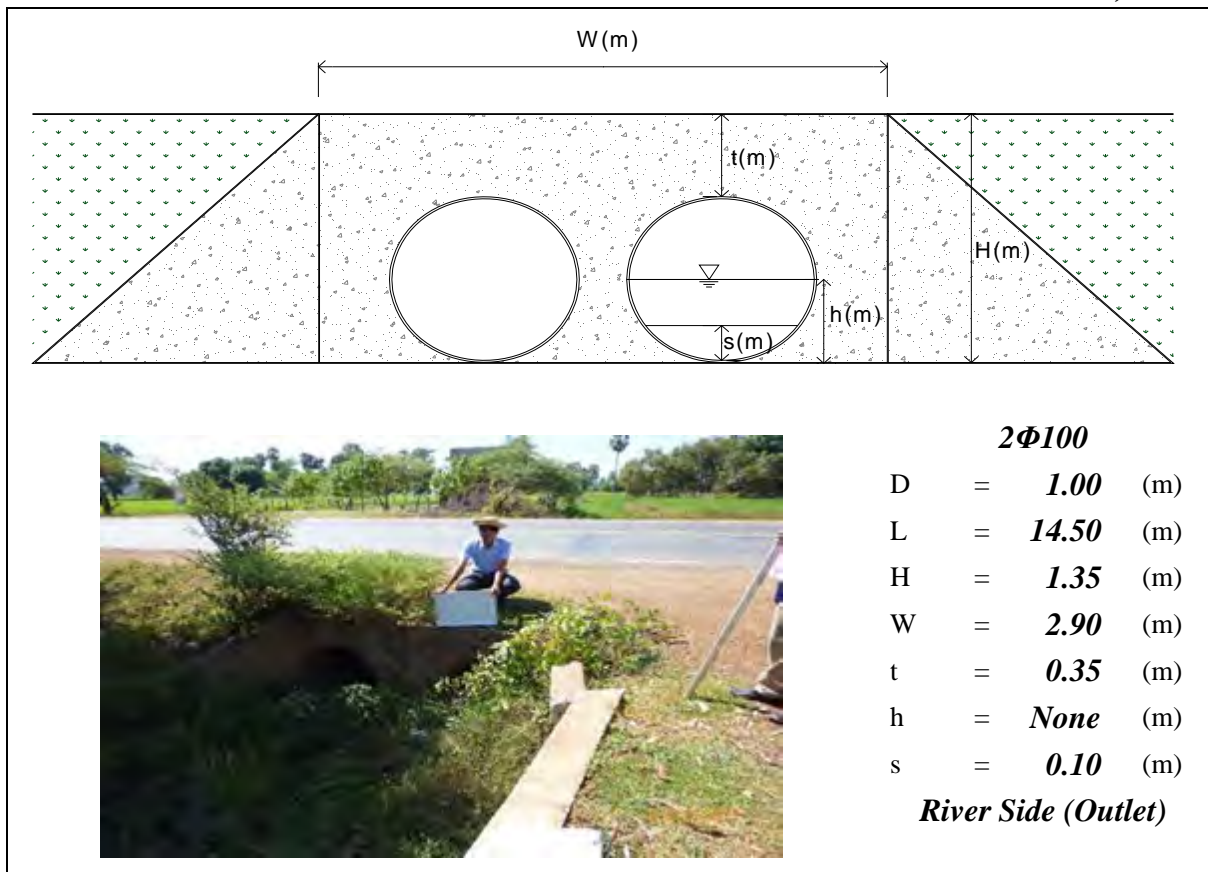
Date: **October 25, 2012**



KP: **99+800**

No.: **Pc059**

Date: **October 25, 2012**

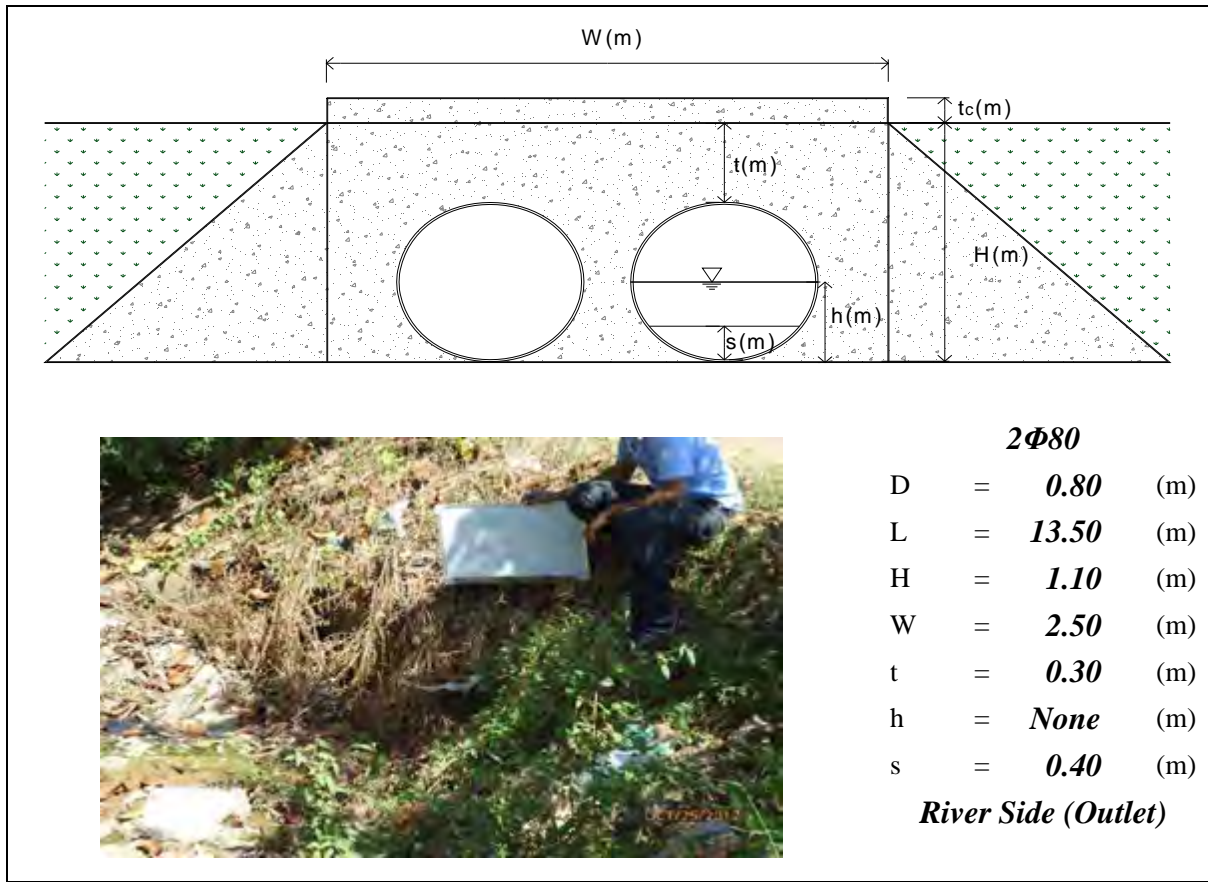


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **100+480**

No.: **Pc060**

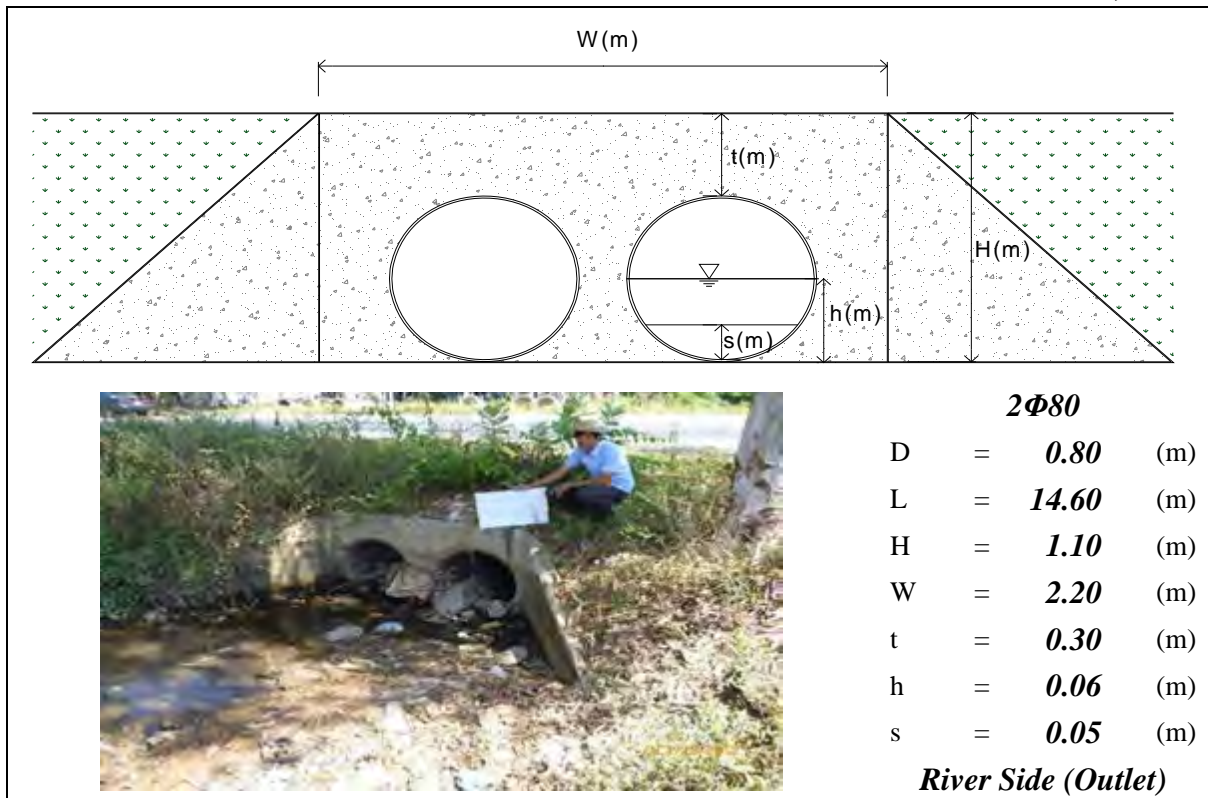
Date: **October 25, 2012**



KP: **100+700**

No.: **Pc061**

Date: **October 25, 2012**

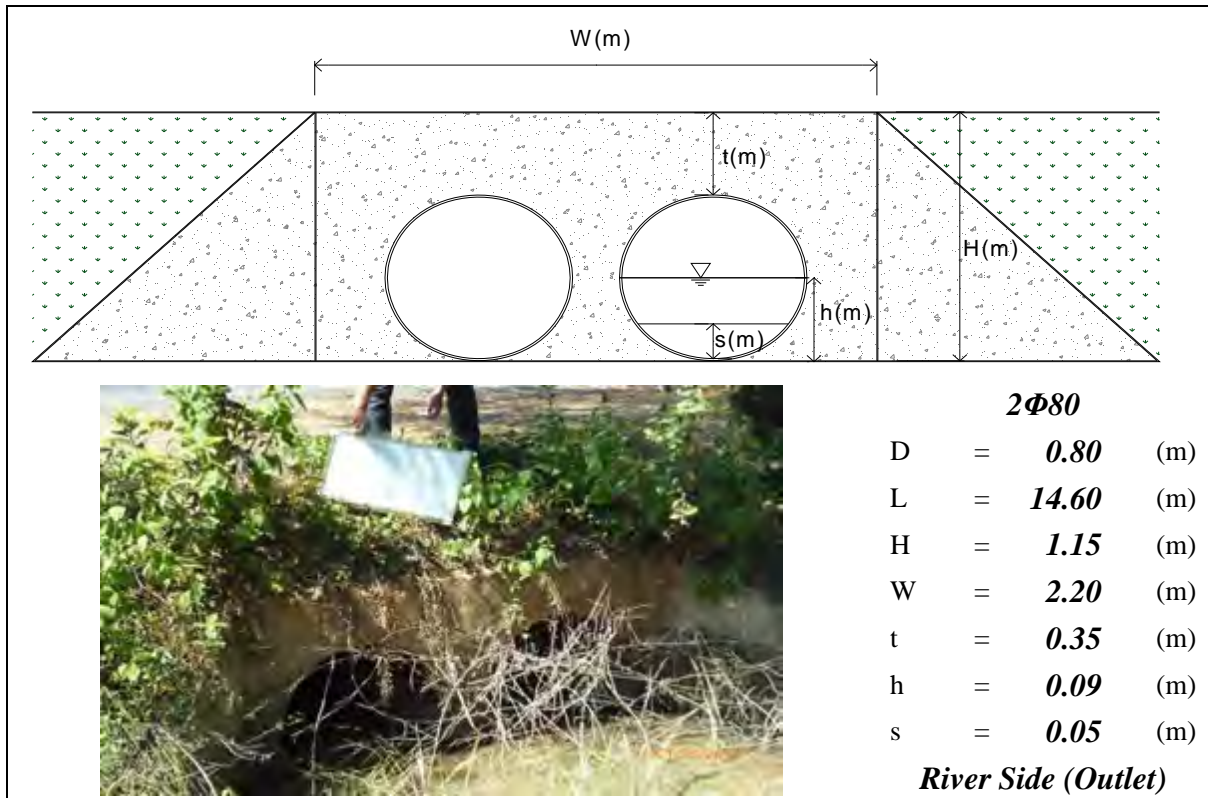


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **101+300**

No.: **Pc062**

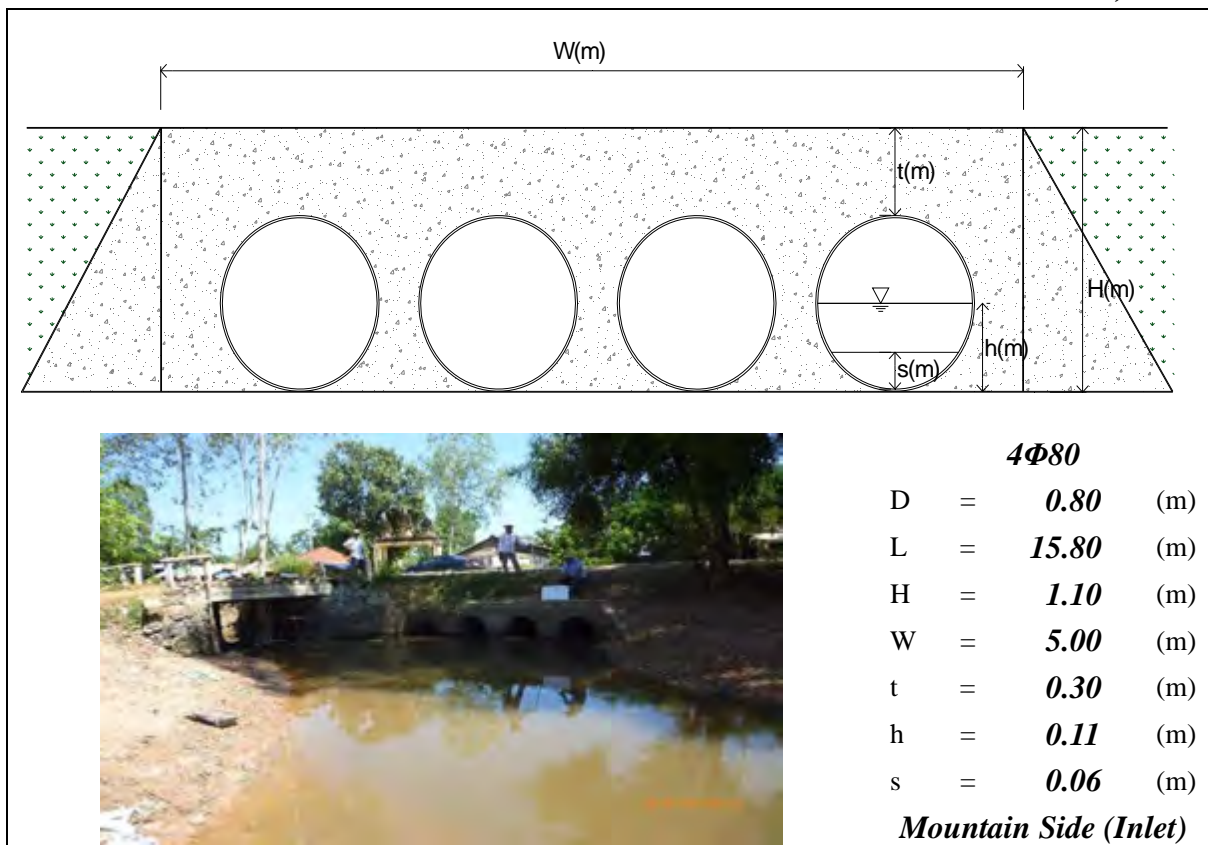
Date: **October 25, 2012**



KP: **101+800**

No.: **Pc063**

Date: **October 25, 2012**

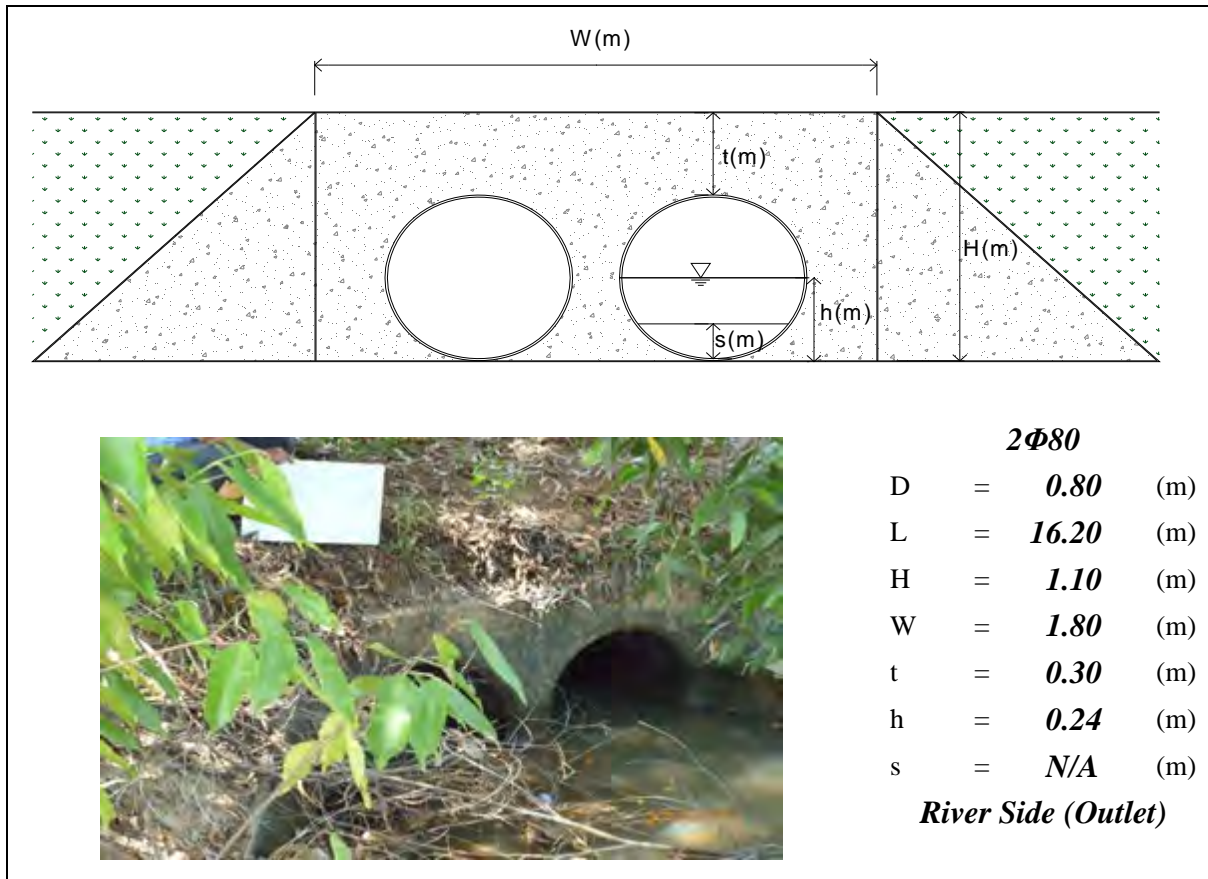


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **102+100**

No.: **Pc064**

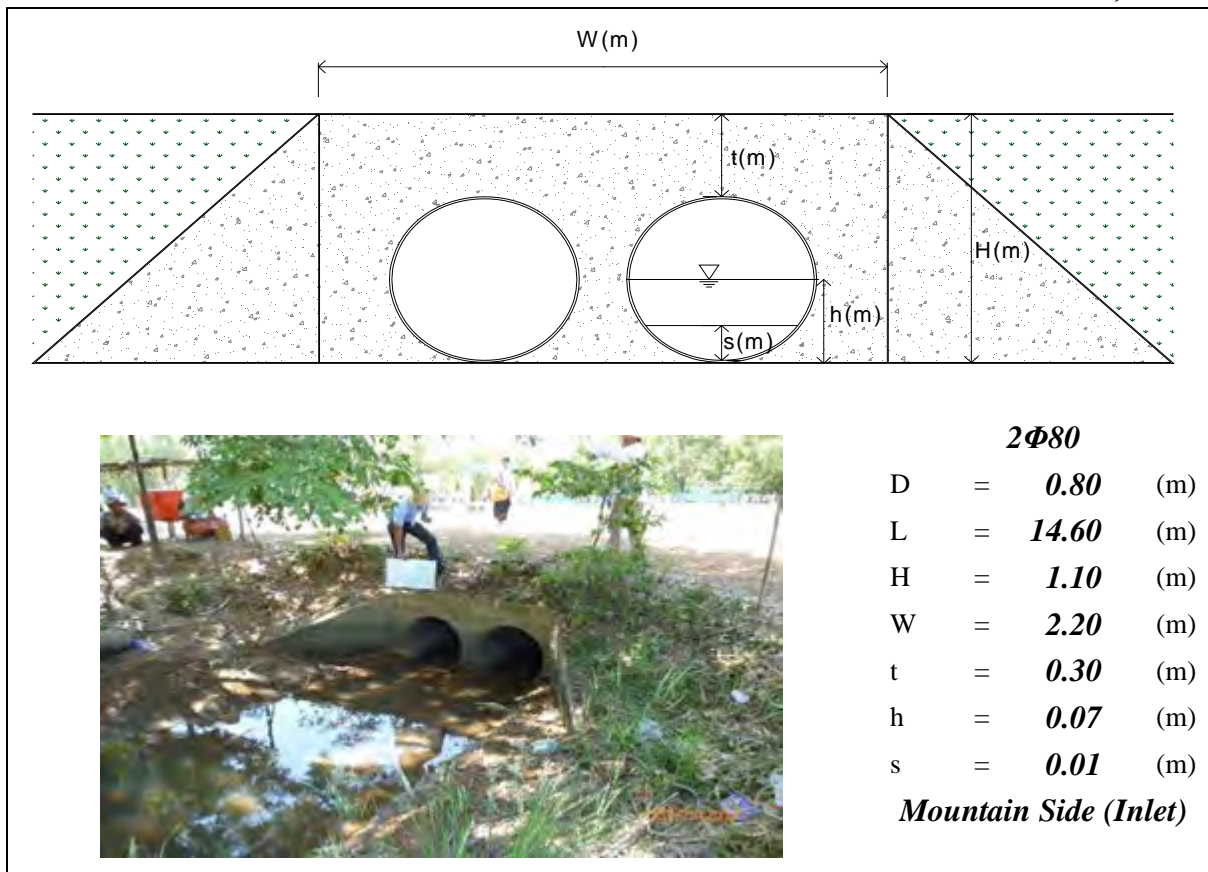
Date: **October 25, 2012**



KP: **102+600**

NO.: **Pc065**

Date: **October 25, 2012**

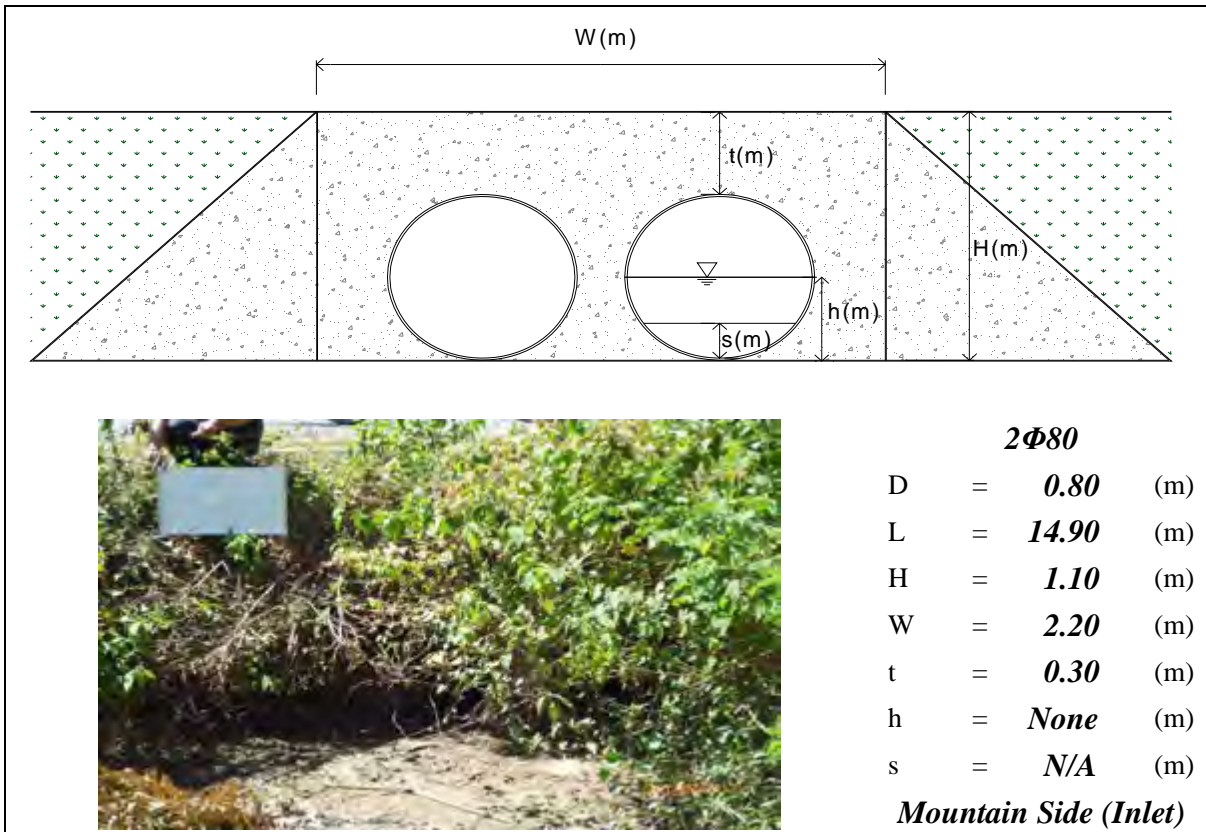


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **103+300**

NO.: **Pc066**

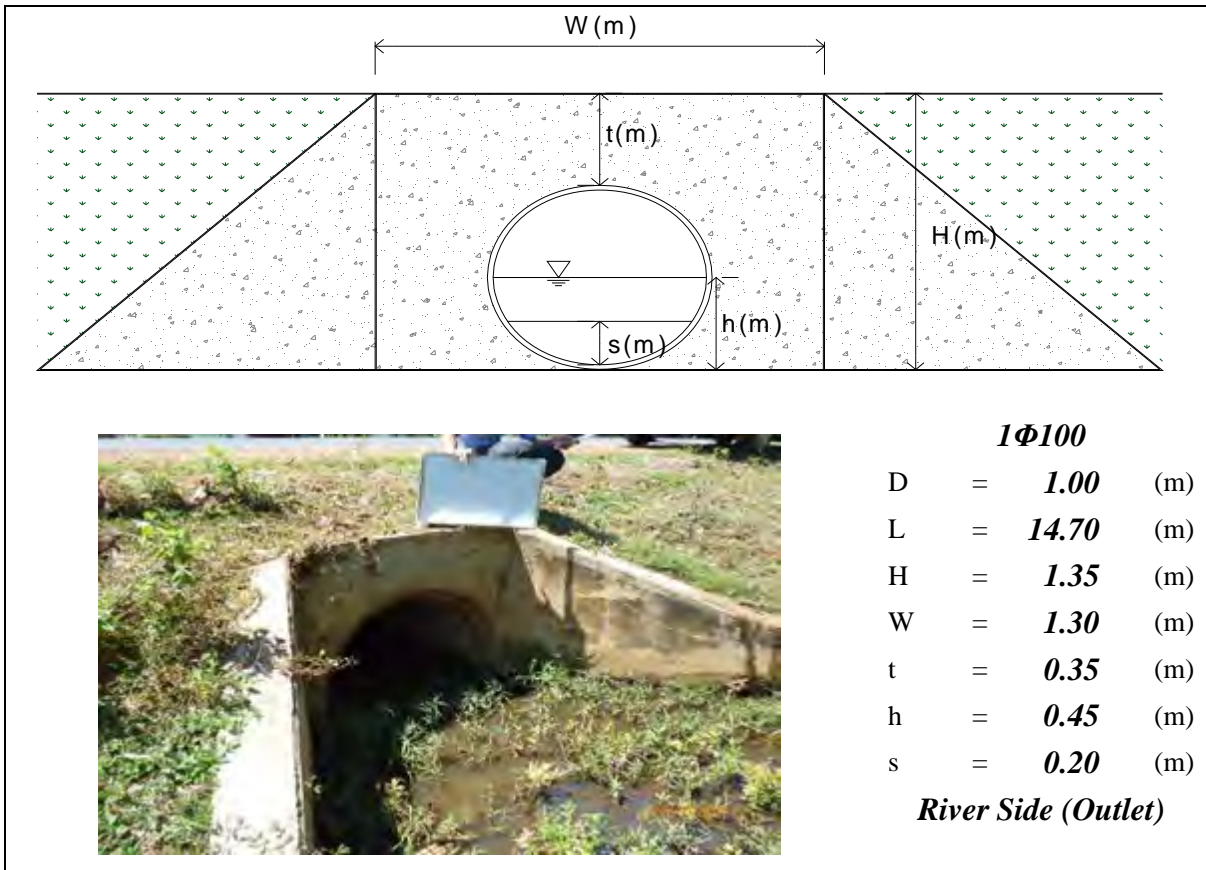
Date: **October 25, 2012**



KP: **110+500**

No.: **Pc067**

Date: **October 25, 2012**

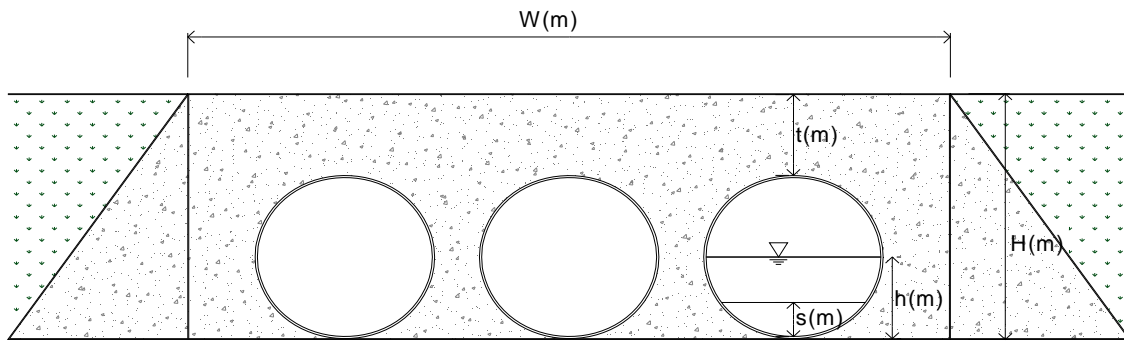


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **112+800**

No.: **Pc068**

Date: **October 25, 2012**



3Φ120

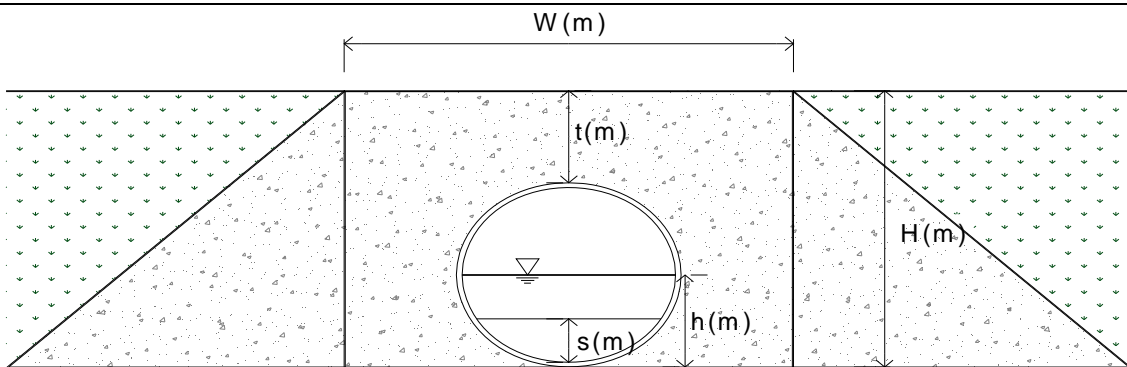
D	=	1.20	(m)
L	=	14.50	(m)
H	=	1.55	(m)
W	=	5.50	(m)
t	=	0.35	(m)
h	=	0.12	(m)
s	=	0.00	(m)

River Side (Outlet)

KP: **114+400**

No.: **Pc069**

Date: **October 26, 2012**



1Φ80

D	=	0.80	(m)
L	=	15.90	(m)
H	=	1.10	(m)
W	=	1.00	(m)
t	=	0.30	(m)
h	=	0.06	(m)
s	=	0.05	(m)

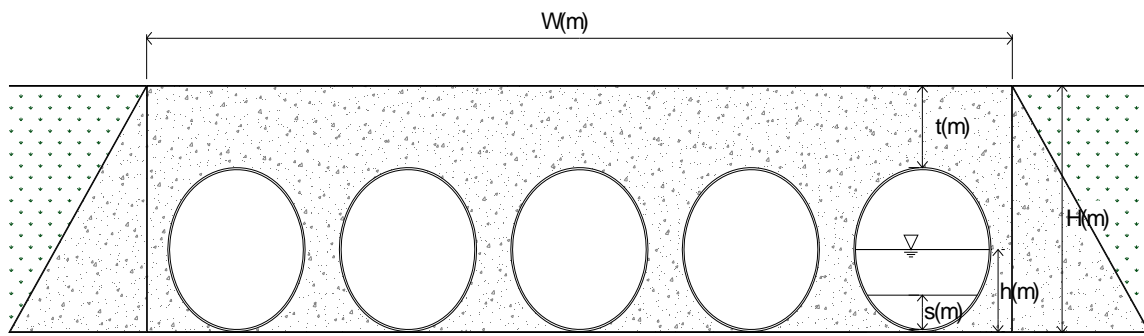
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **115+100**

No.: **Pc070**

Date: **October 26, 2012**



5Φ80

D = **1.00** (m)

L = **17.00** (m)

H = **1.35** (m)

W = **8.00** (m)

t = **0.35** (m)

h = **0.71** (m)

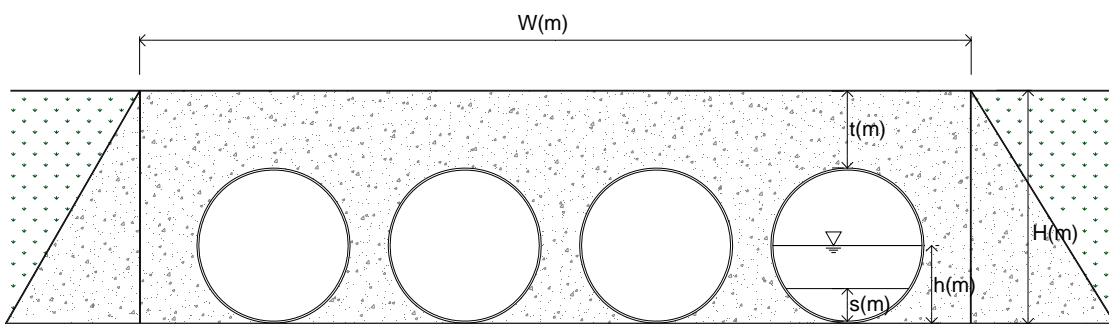
s = **0.35** (m)

River Side (Outlet)

KP: **115+700**

No.: **Pc071**

Date: **October 26, 2012**



4Φ100

D = **1.00** (m)

L = **15.00** (m)

H = **N/A** (m)

W = **5.00** (m)

t = **0.30** (m)

h = **None** (m)

s = **0.00** (m)

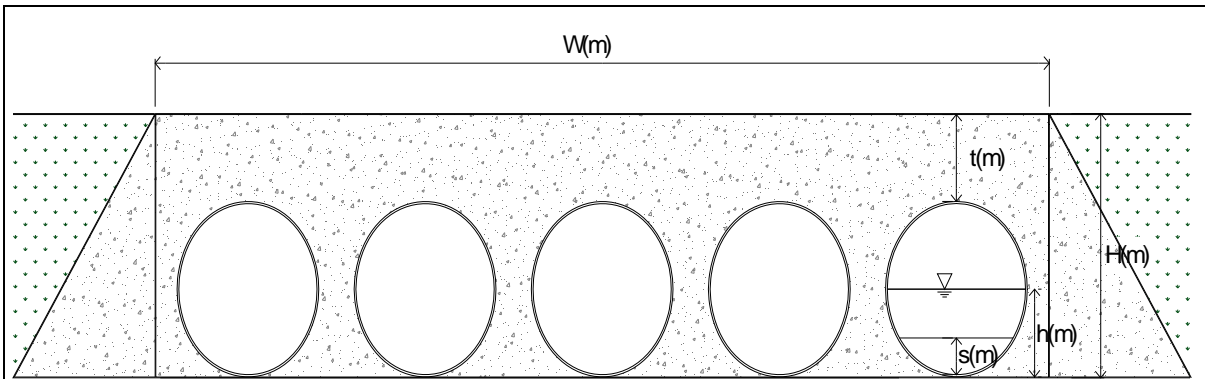
Mountain Side (Inlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **115+900**

No.: **Pc072**

Date: **October 26, 2012**



5Φ100

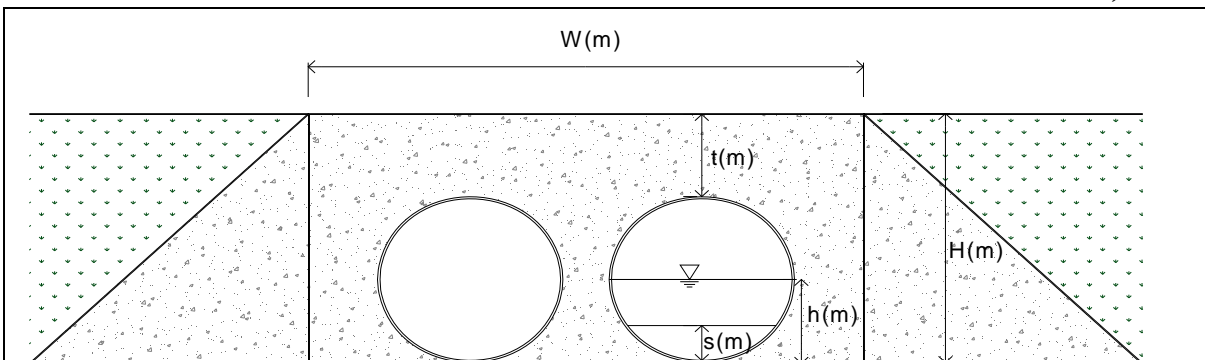
- D = **1.00** (m)
- L = **15.00** (m)
- H = **1.28** (m)
- W = **8.00** (m)
- t = **0.30** (m)
- h = **0.30** (m)
- s = **0.02** (m)

Mountain Side (Inlet)

KP: **117+600**

No.: **Pc073**

Date: **October 26, 2012**



2Φ80

- D = **0.80** (m)
- L = **13.40** (m)
- H = **1.10** (m)
- W = **2.50** (m)
- t = **0.30** (m)
- h = **None** (m)
- s = **0.00** (m)

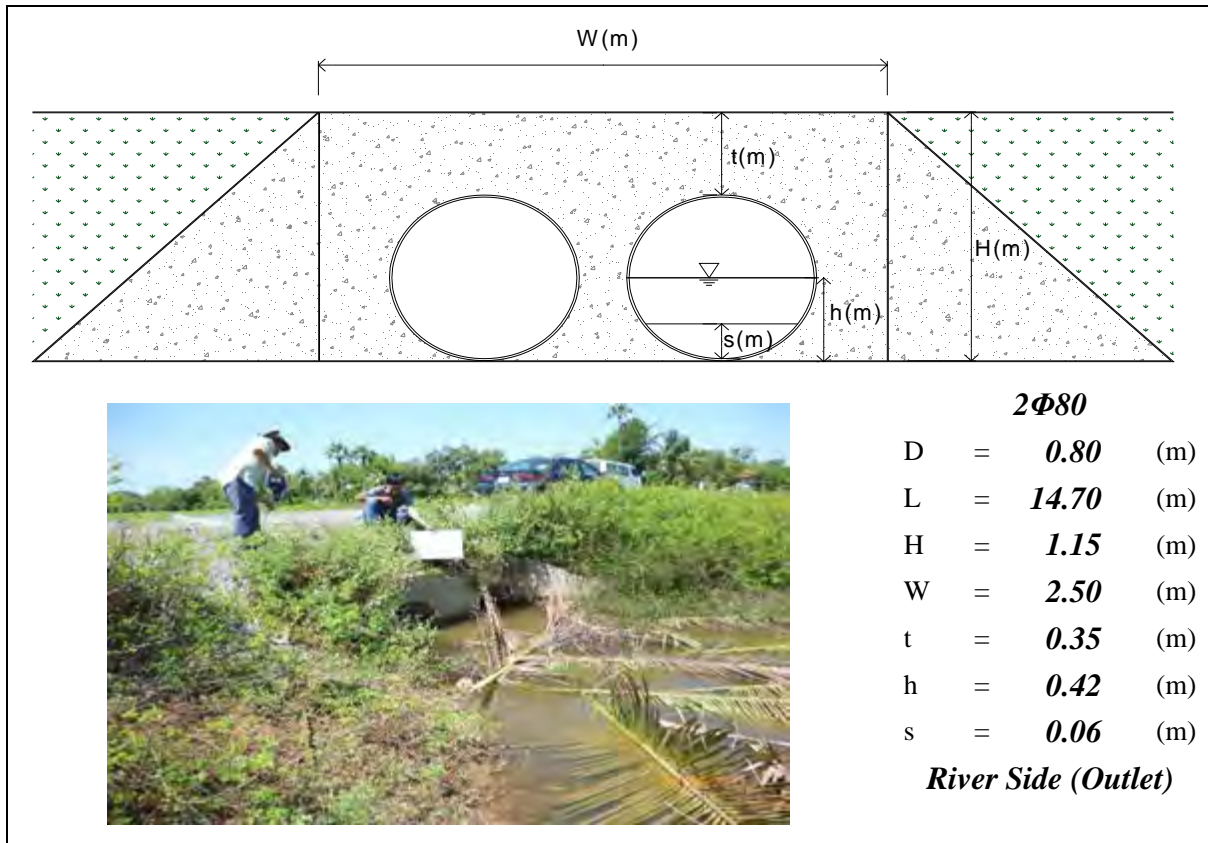
River Side (Outlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **117+700**

No.: **Pc074**

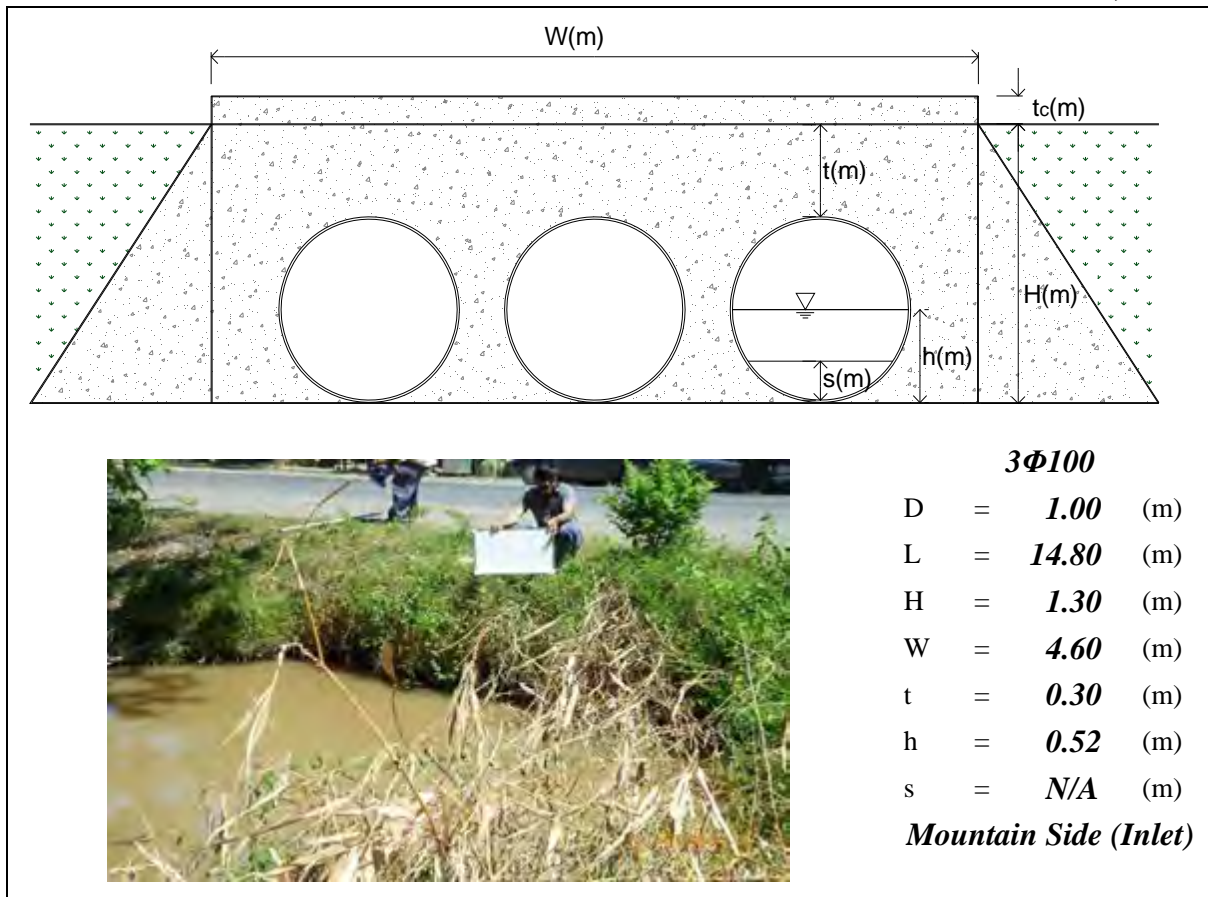
Date: **October 26, 2012**



KP: **118+050**

No.: **Pc075**

Date: **October 26, 2012**

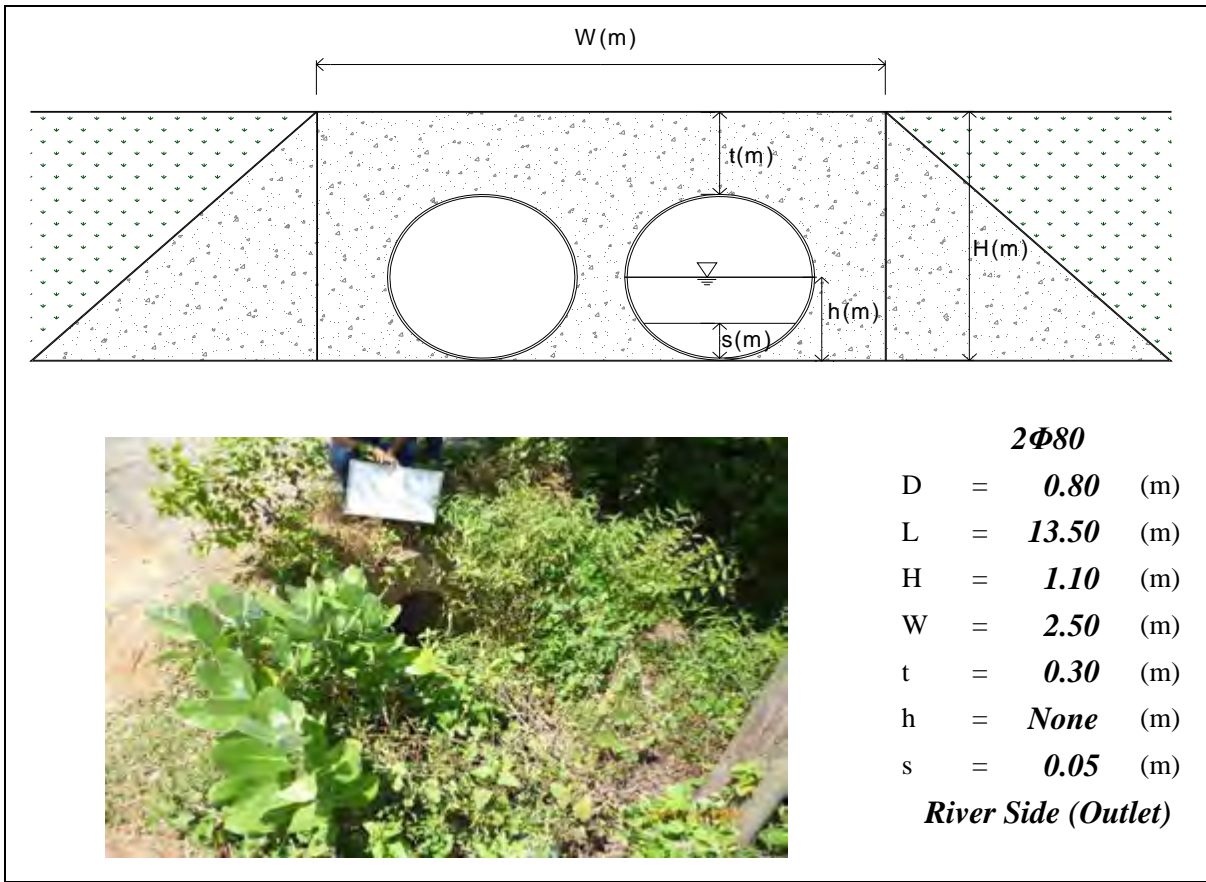


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **118+600**

No.: **Pc076**

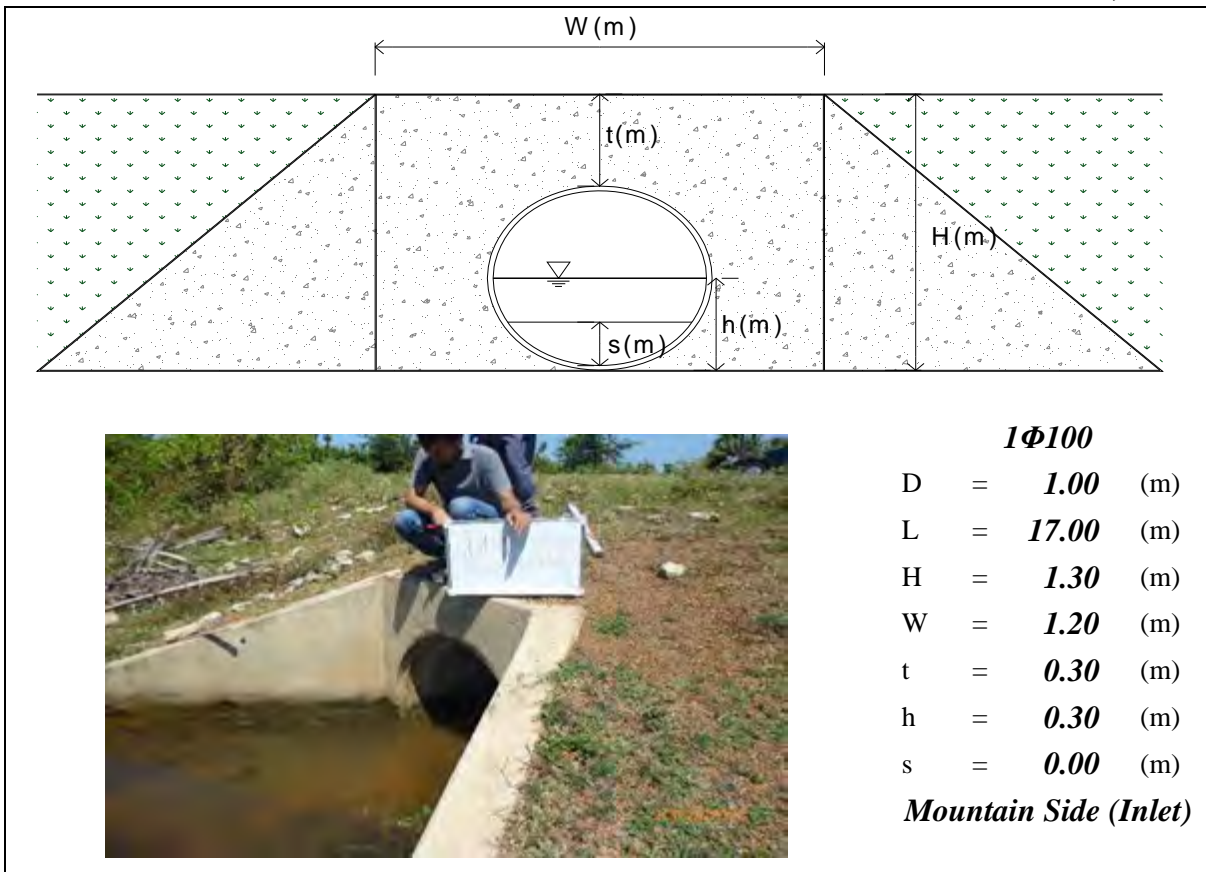
Date: **October 26, 2012**



KP: **119+200**

No.: **Pc077**

Date: **October 26, 2012**

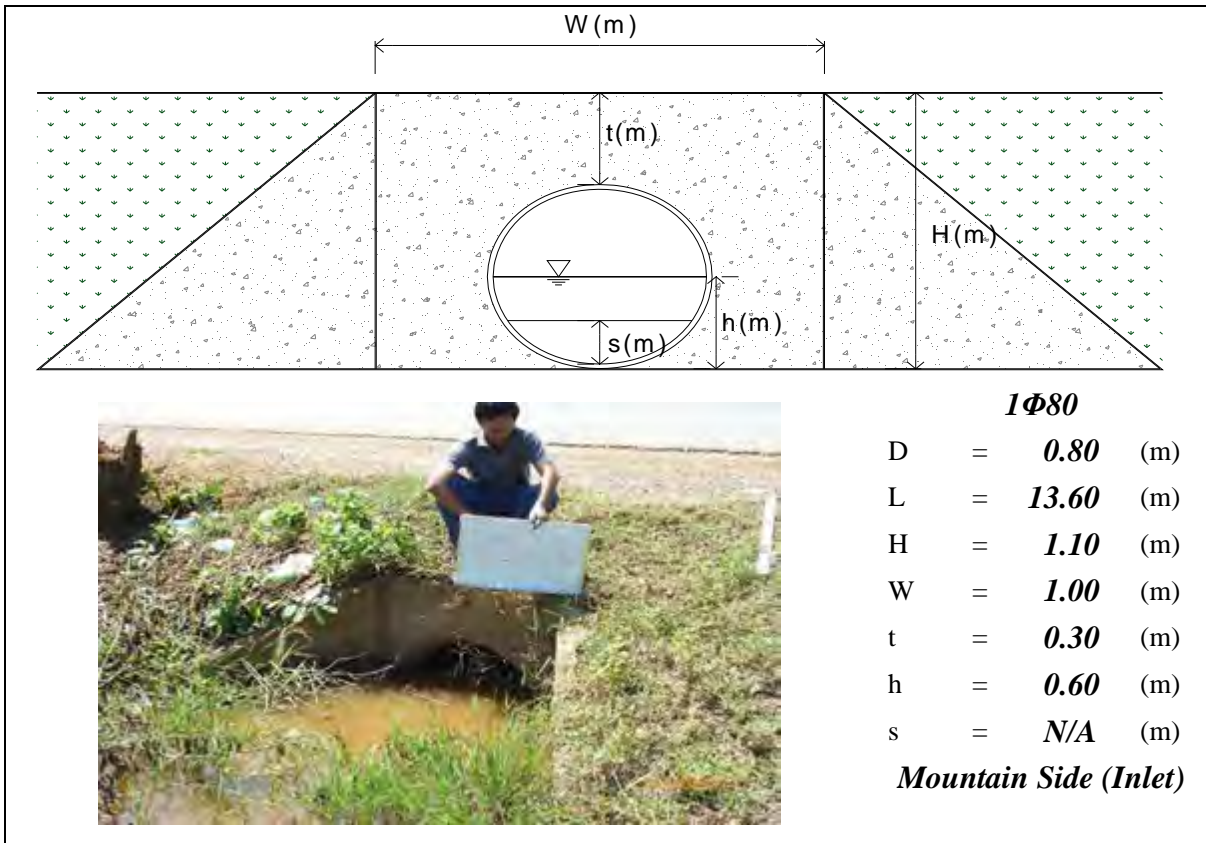


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **120+800**

No.: **Pc078**

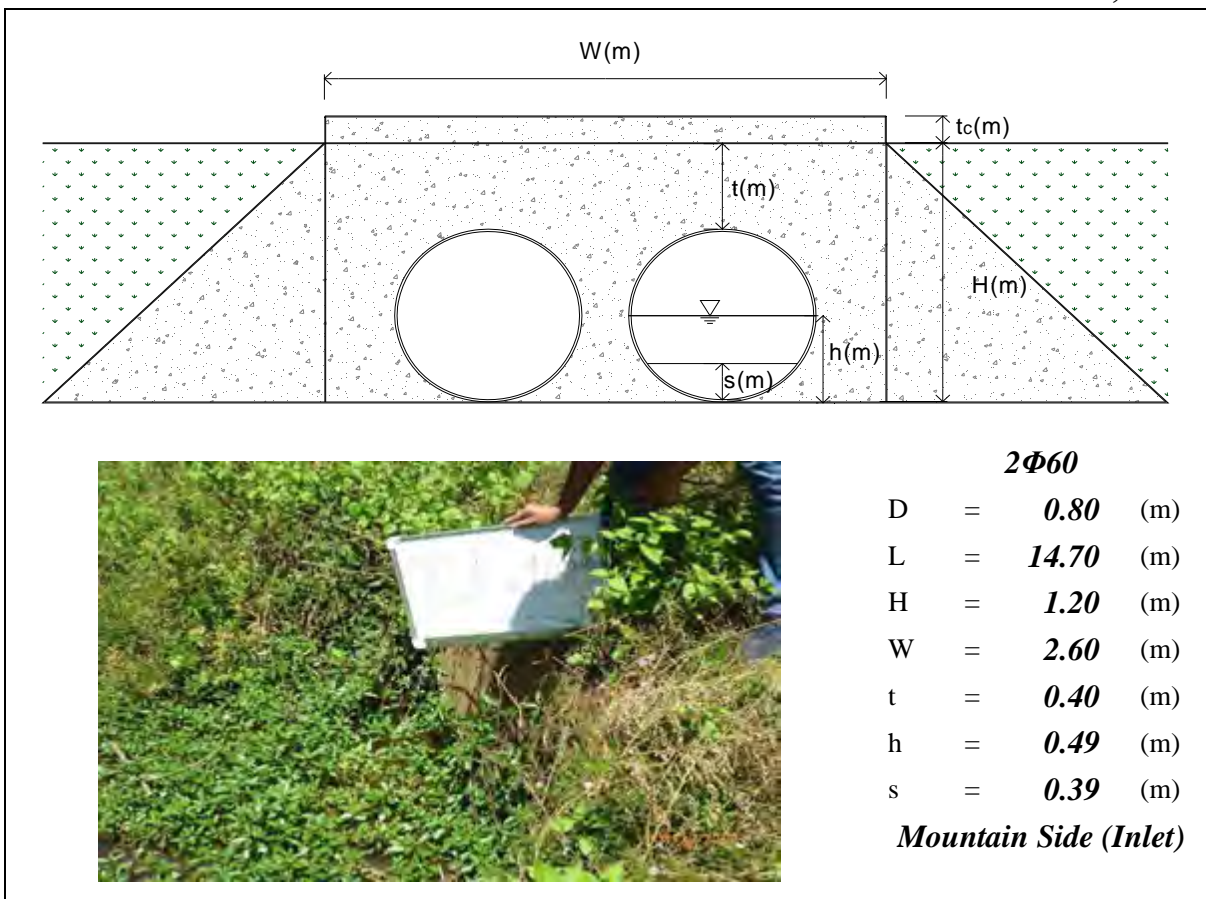
Date: **October 26, 2012**



KP: **121+100**

No.: **Pc079**

Date: **October 26, 2012**

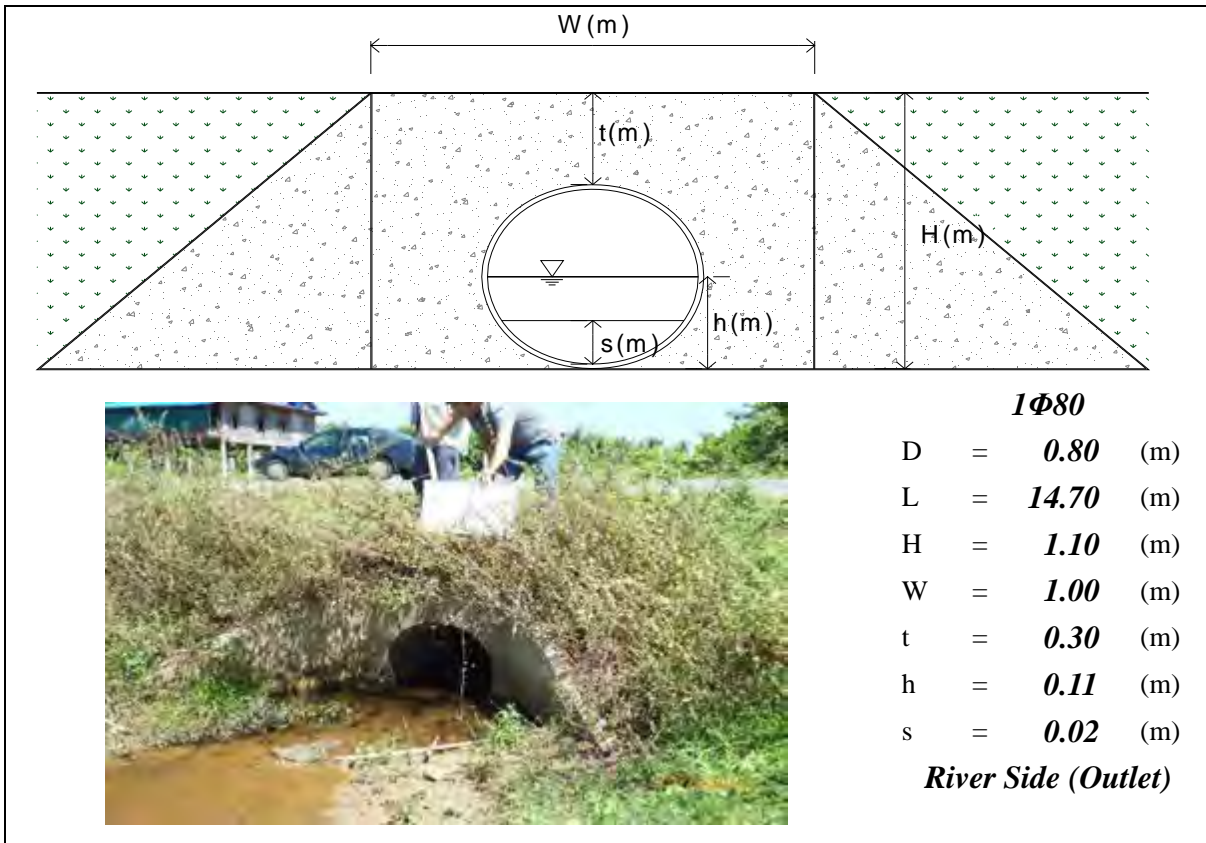


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **121+700**

No.: **Pc080**

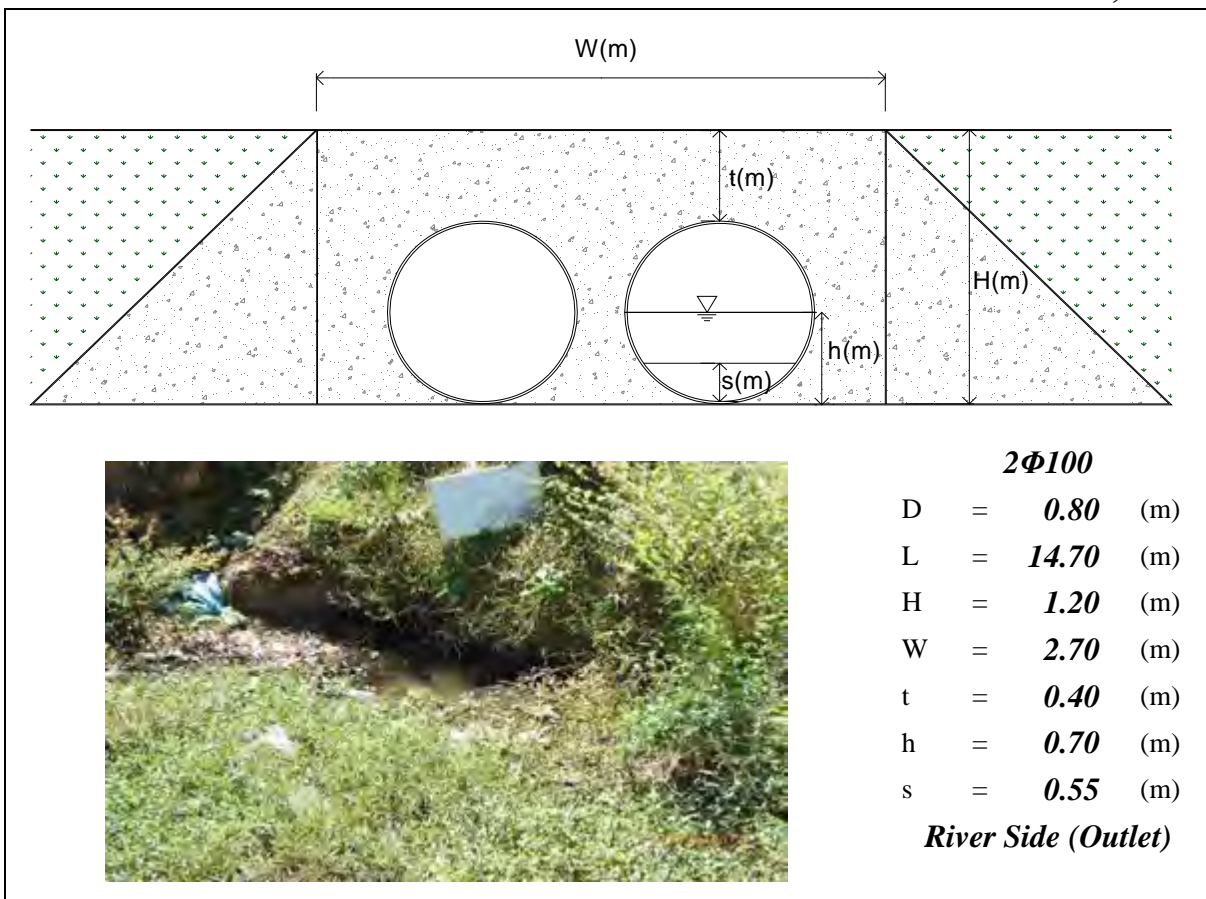
Date: **October 26, 2012**



KP: **122+100**

No.: **Pc081**

Date: **October 26, 2012**

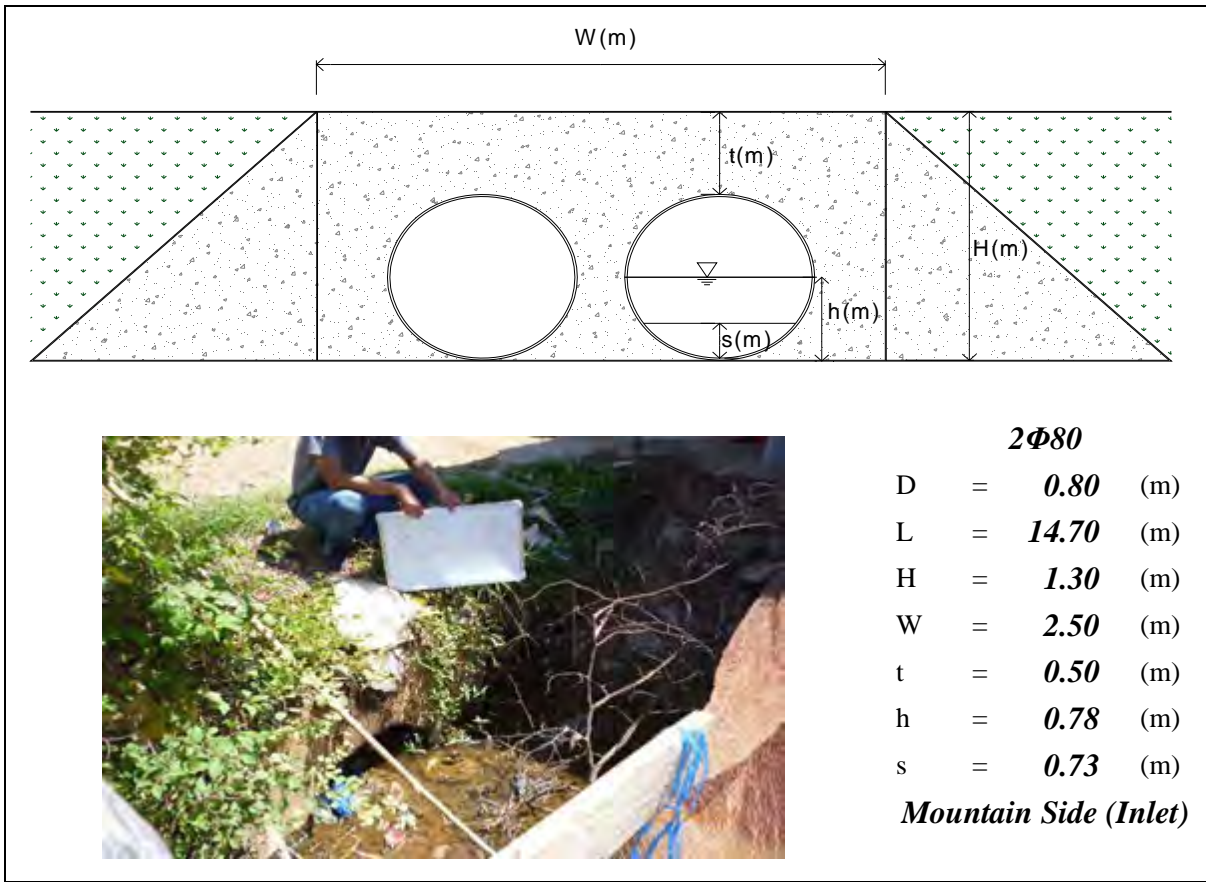


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, River means the Tonle Sap River

KP: **122+500**

No.: **Pc082**

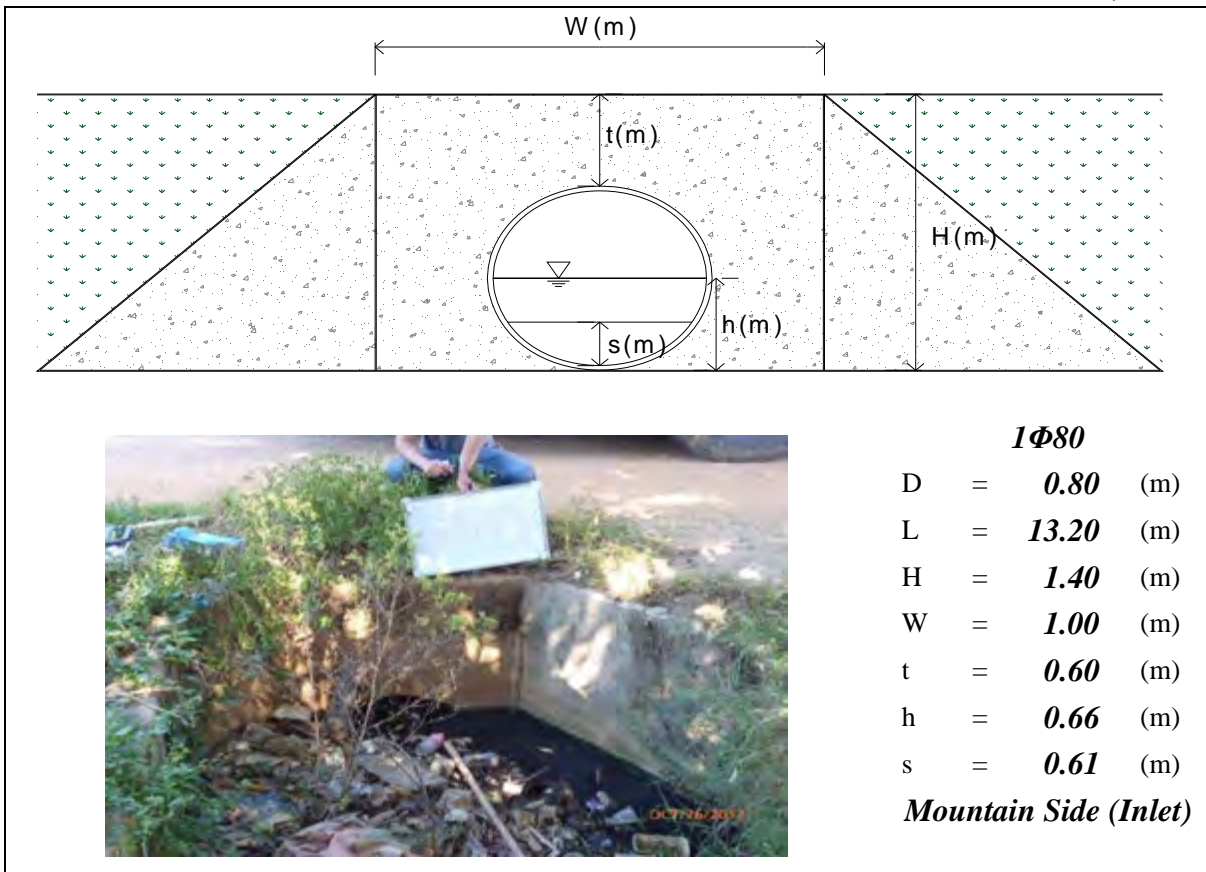
Date: **October 26, 2012**



KP: **124+050**

No.: **Pc083**

Date: **October 26, 2012**

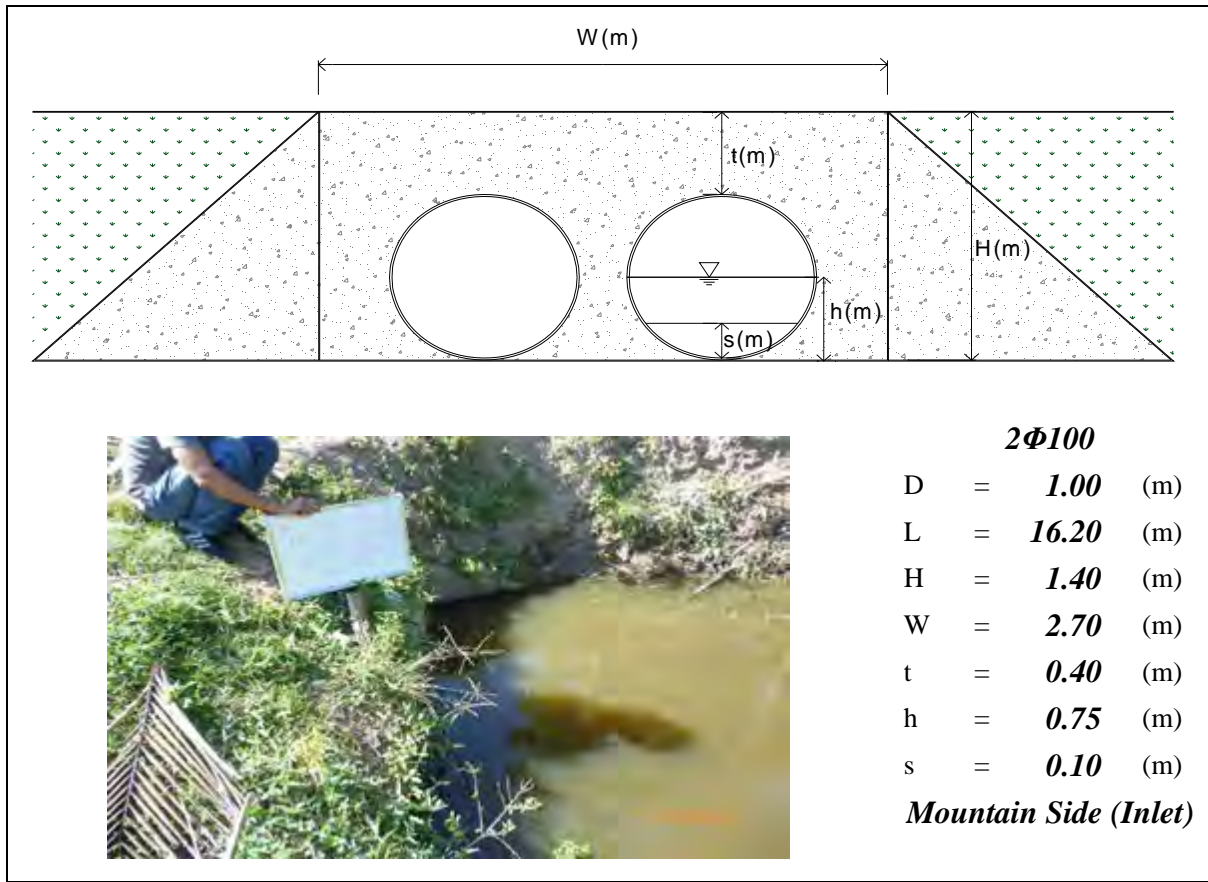


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **124+600**

No.: **Pc084**

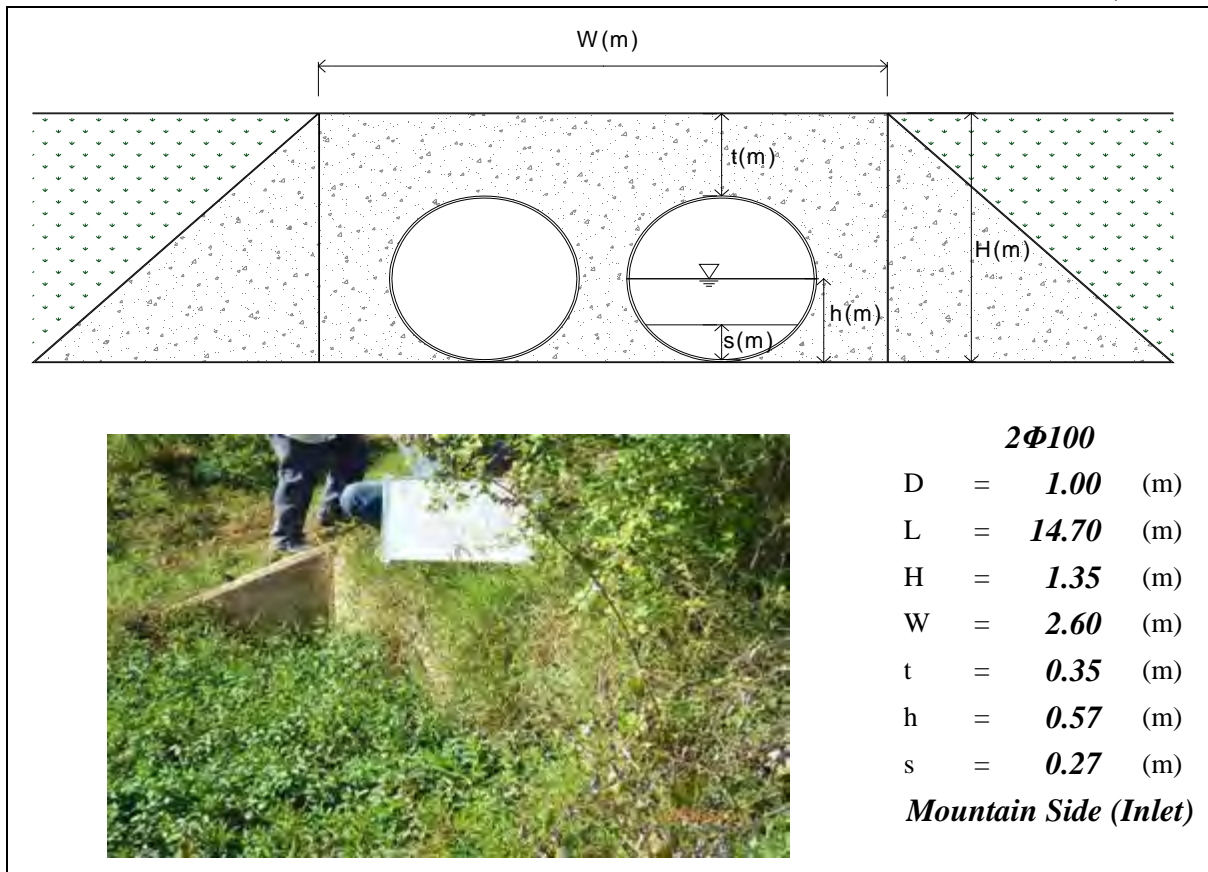
Date: **October 26, 2012**



KP: **126+200**

No.: **Pc085**

Date: **October 26, 2012**

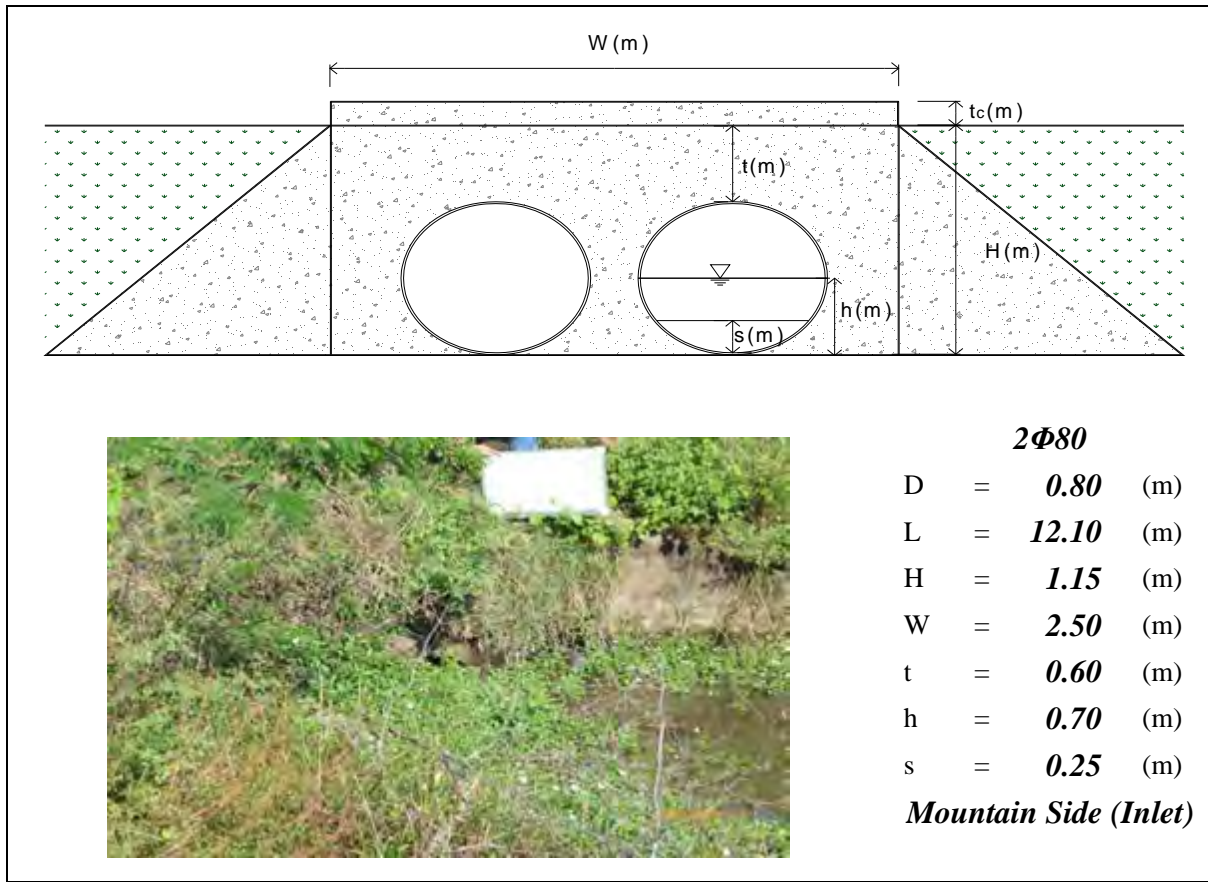


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **126+250**

No.: **Pc086**

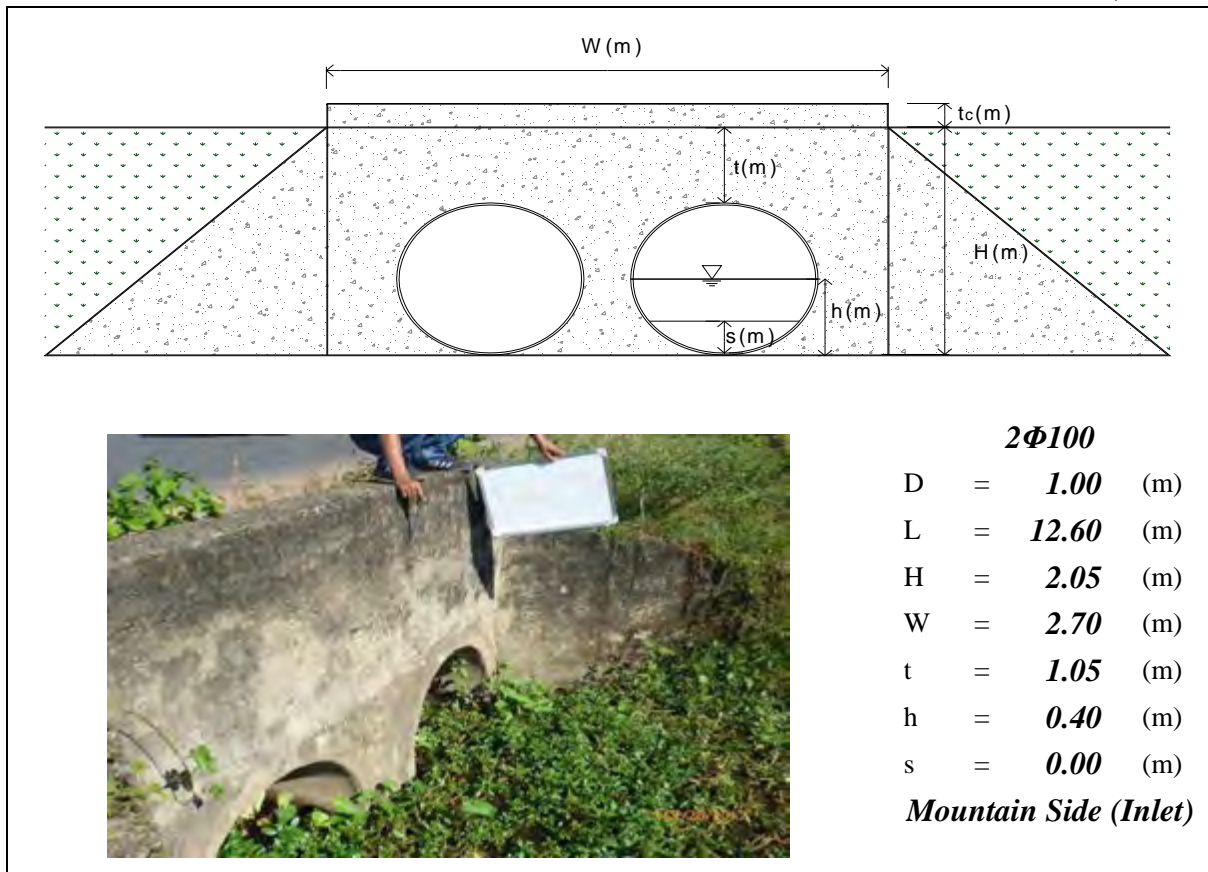
Date: **October 26, 2012**



KP: **126+290**

No.: **Pc087**

Date: **October 26, 2012**

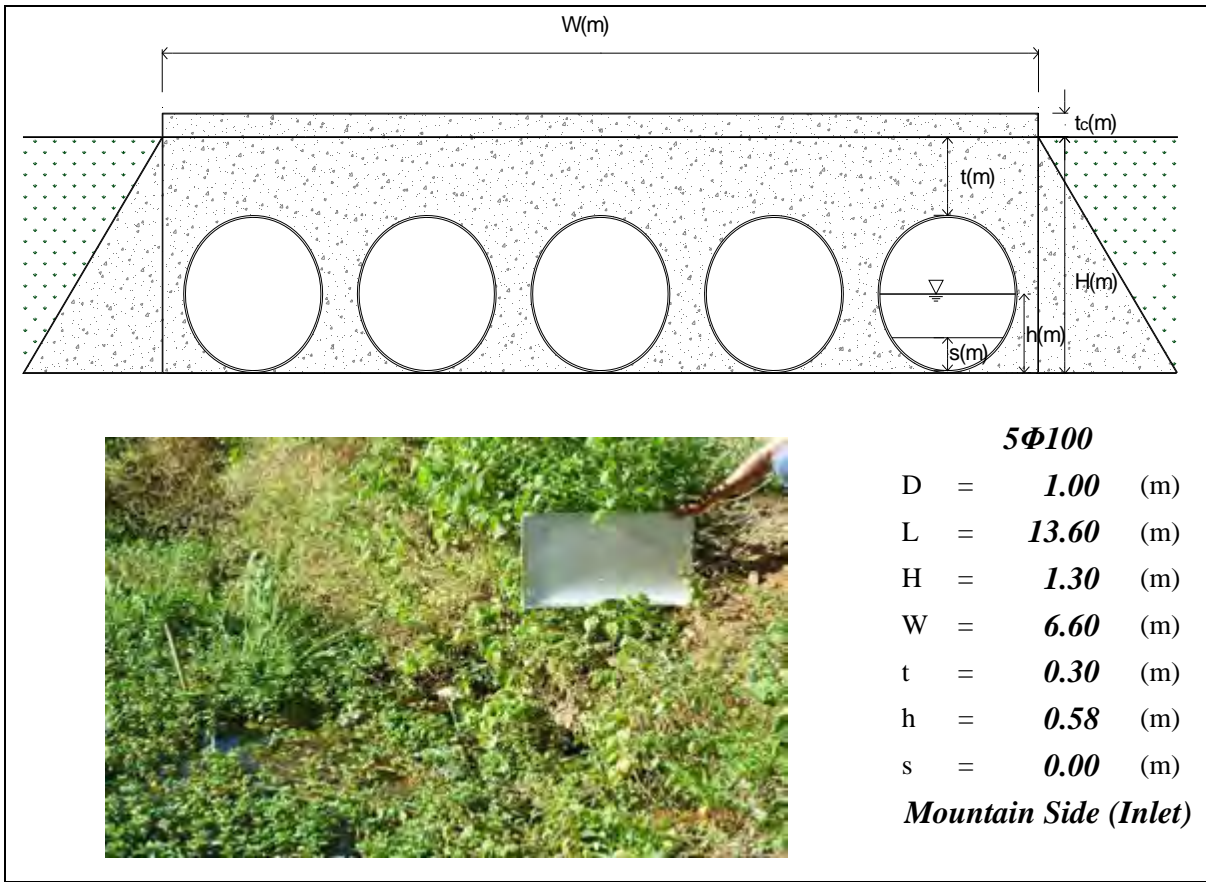


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **126+800**

No.: **Pc088**

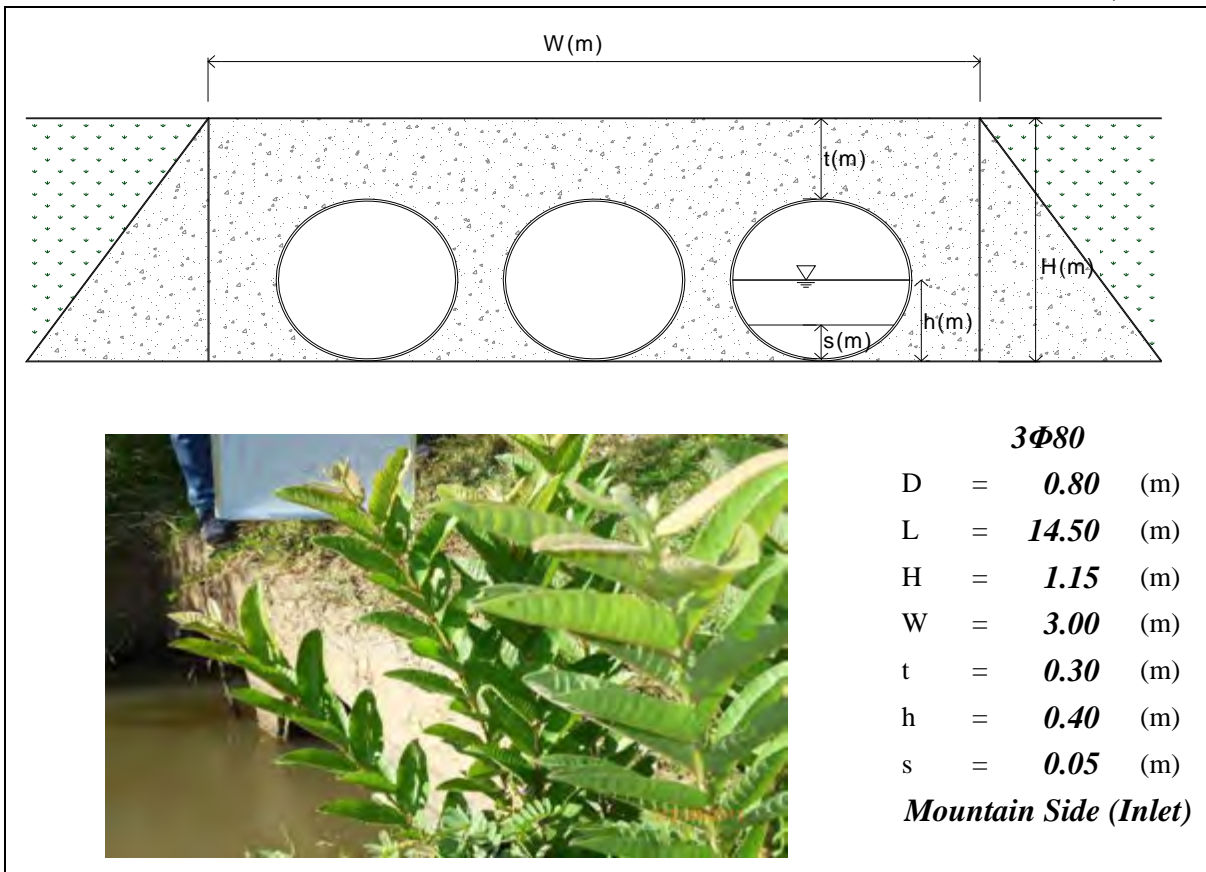
Date: **October 26, 2012**



KP: **127+200**

No.: **Pc089**

Date: **October 26, 2012**

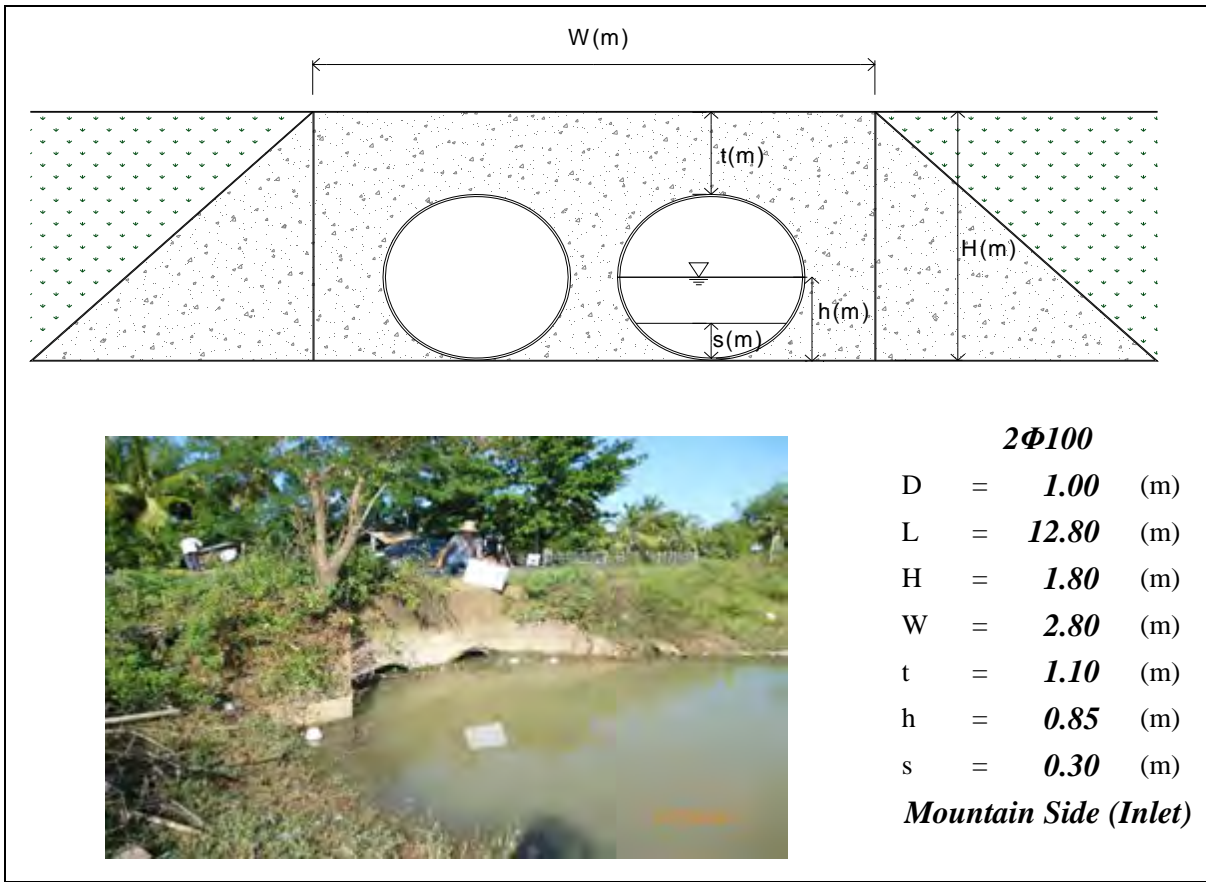


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **128+600**

No.: **Pc090**

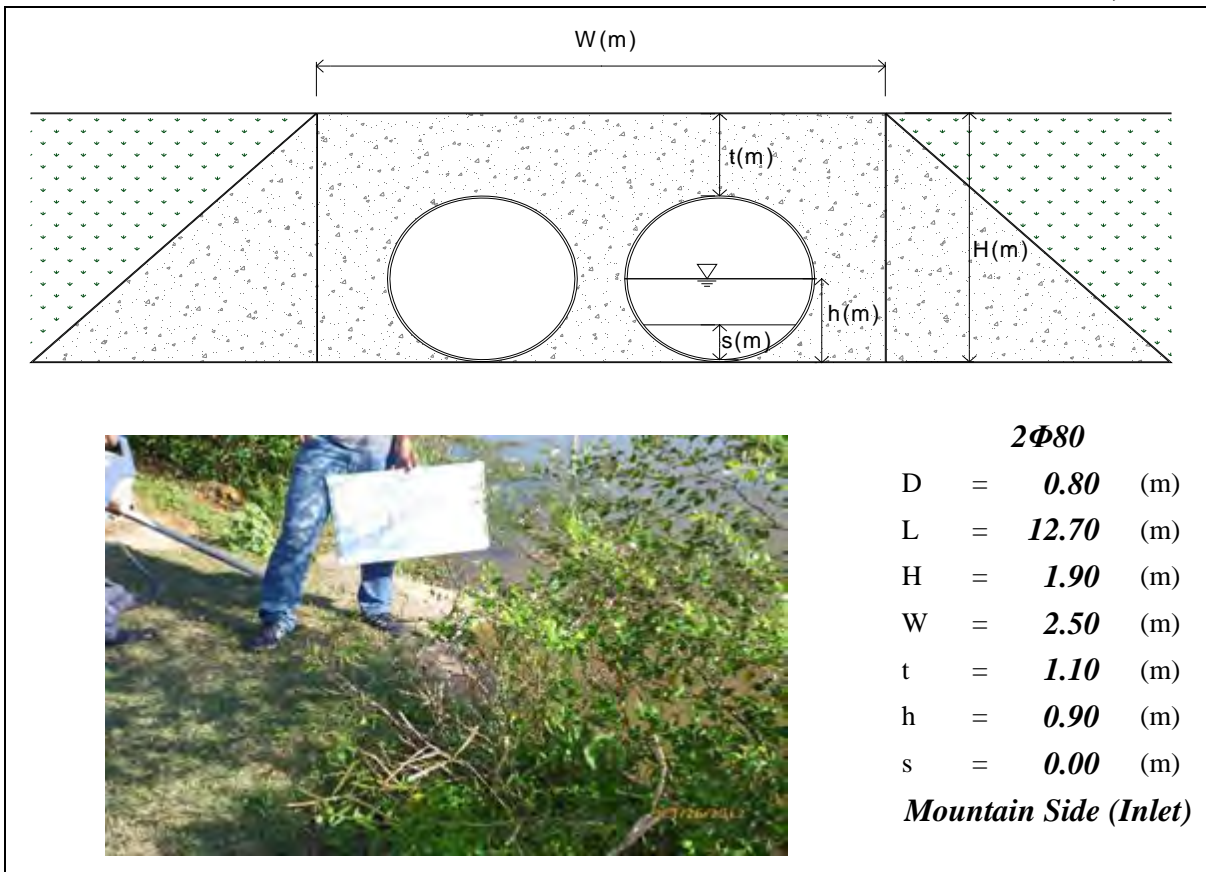
Date: **October 26, 2012**



KP: **129+300**

No.: **Pc091**

Date: **October 26, 2012**

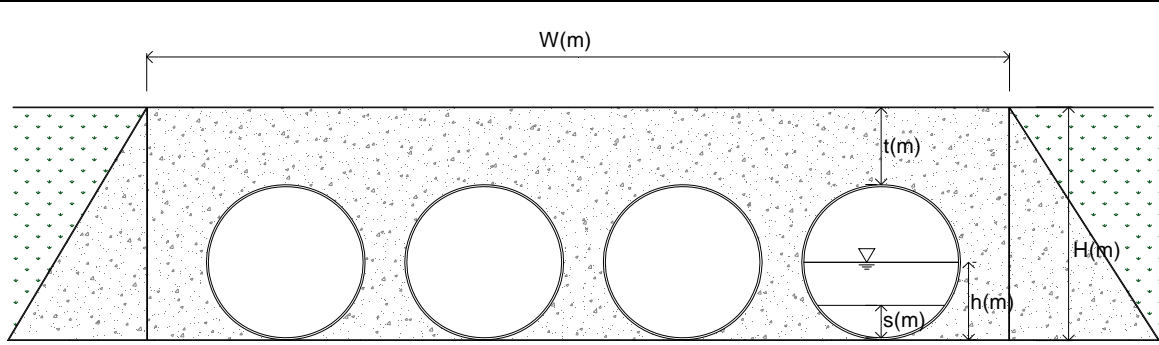


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **129+600**

No.: **Pc092 (Broken)**

Date: **October 26, 2012**



4Φ80

D = **0.80** (m)

L = **13.40** (m)

H = **N/A** (m)

W = **N/A** (m)

t = **N/A** (m)

h = **N/A** (m)

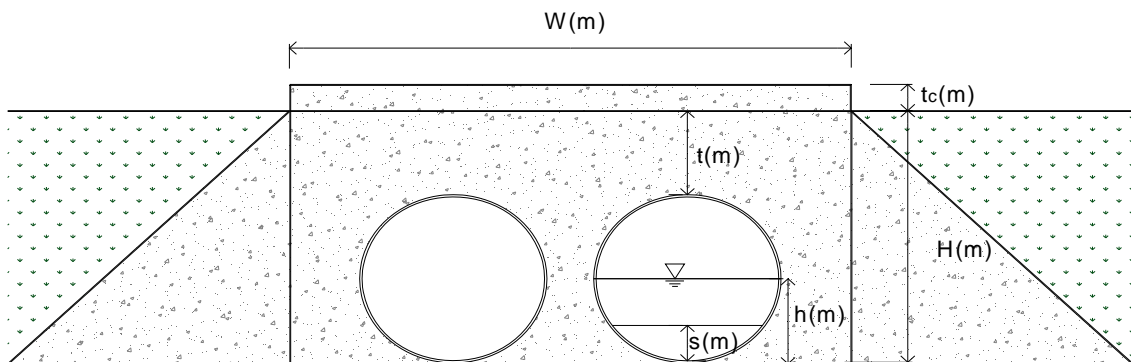
s = **N/A** (m)

Lake Side (Outlet)

KP: **137+100**

No.: **Pc093**

Date: **October 26, 2012**



2Φ80

D = **1.00** (m)

L = **11.80** (m)

H = **1.90** (m)

W = **2.80** (m)

t = **0.90** (m)

h = **0.60** (m)

s = **N/A** (m)

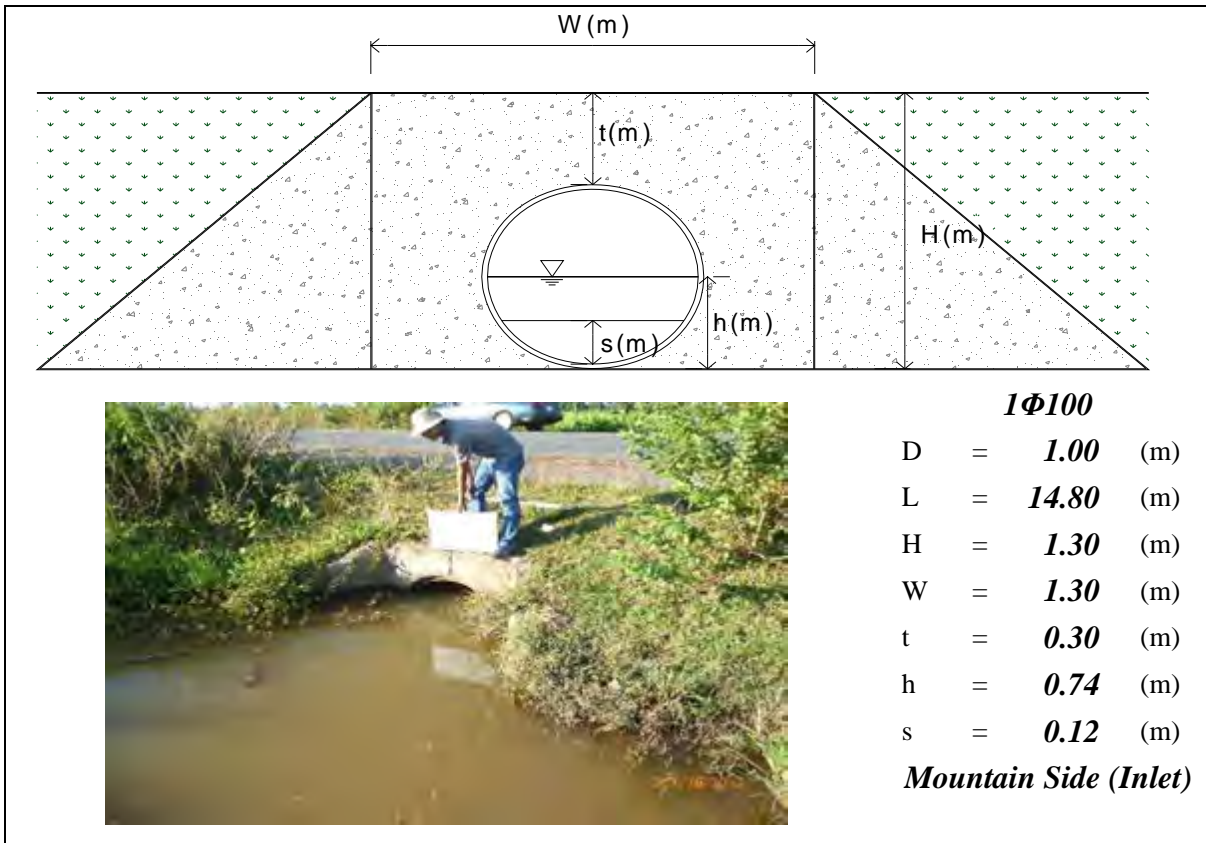
Mountain Side (Inlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, Lake means the Tonle Sap Lake

KP: **137+300**

No.: **Pc094**

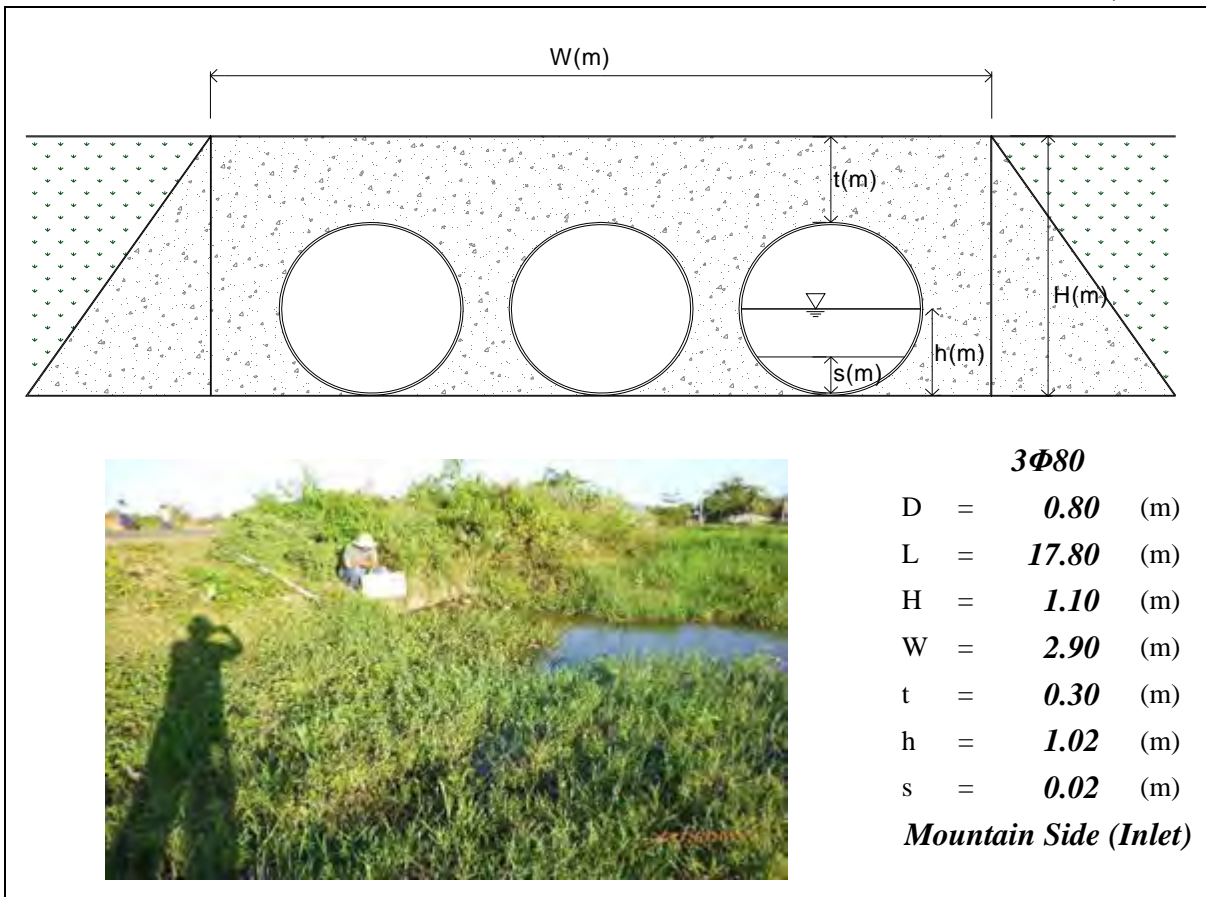
Date: **October 26, 2012**



KP: **138+400**

No.: **Pc095**

Date: **October 26, 2012**

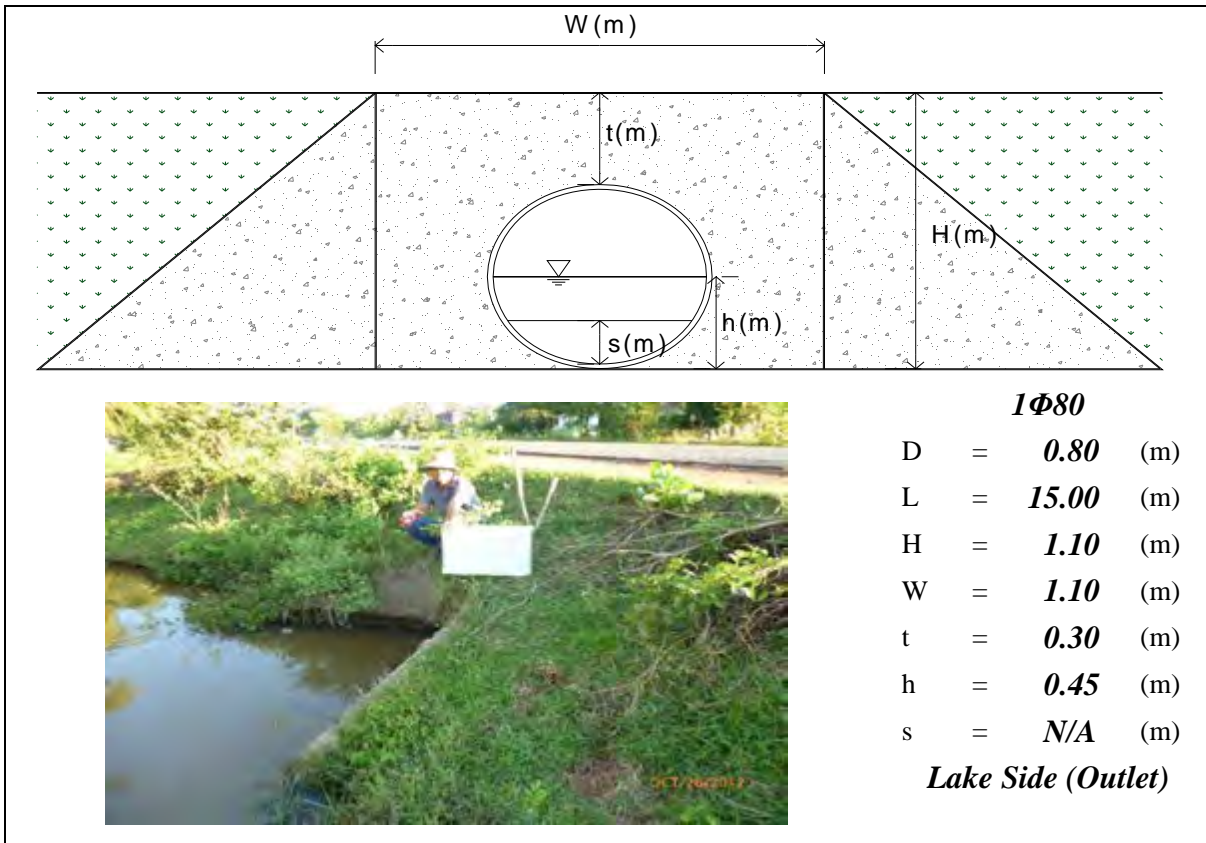


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **139+080**

No.: **Pc096**

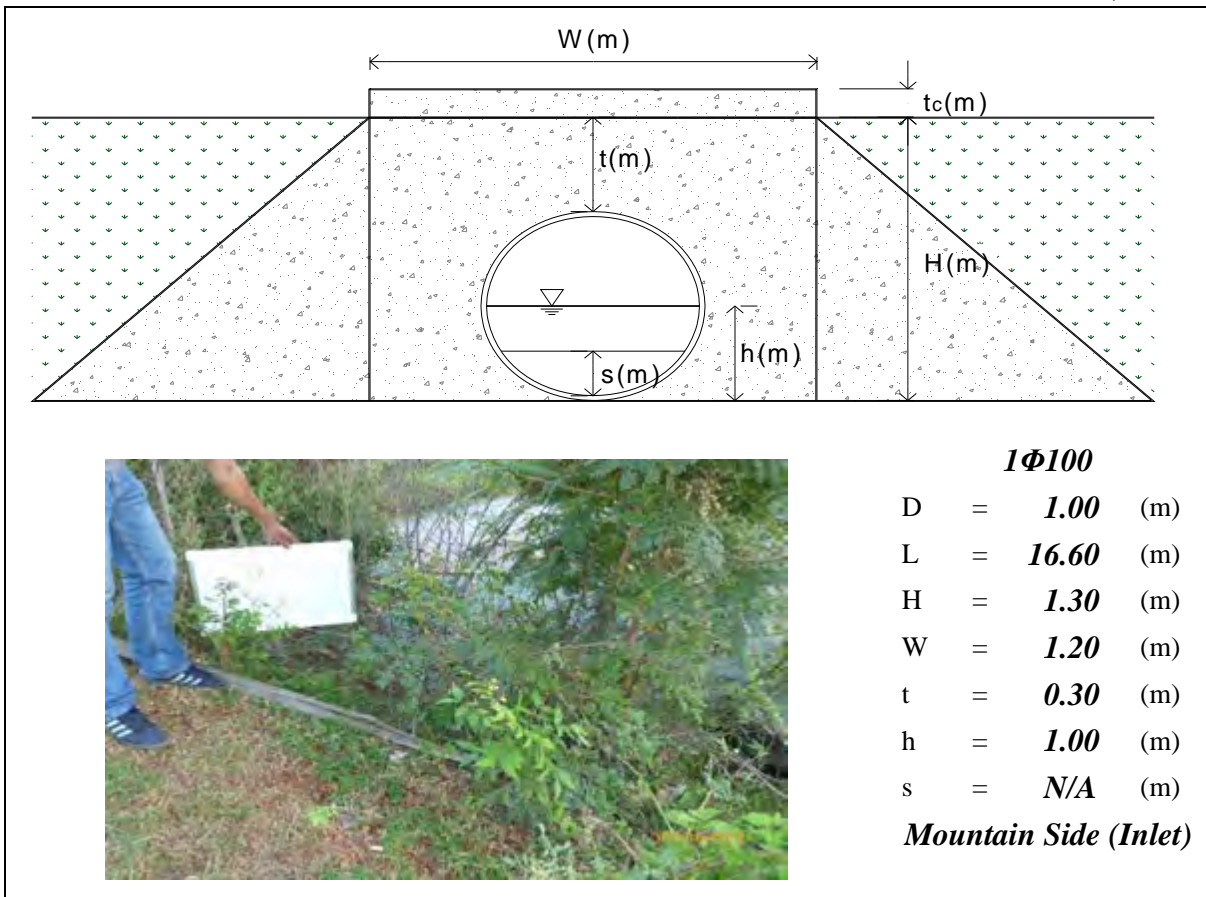
Date: **October 26, 2012**



KP: **139+700**

No.: **Pc097**

Date: **October 26, 2012**

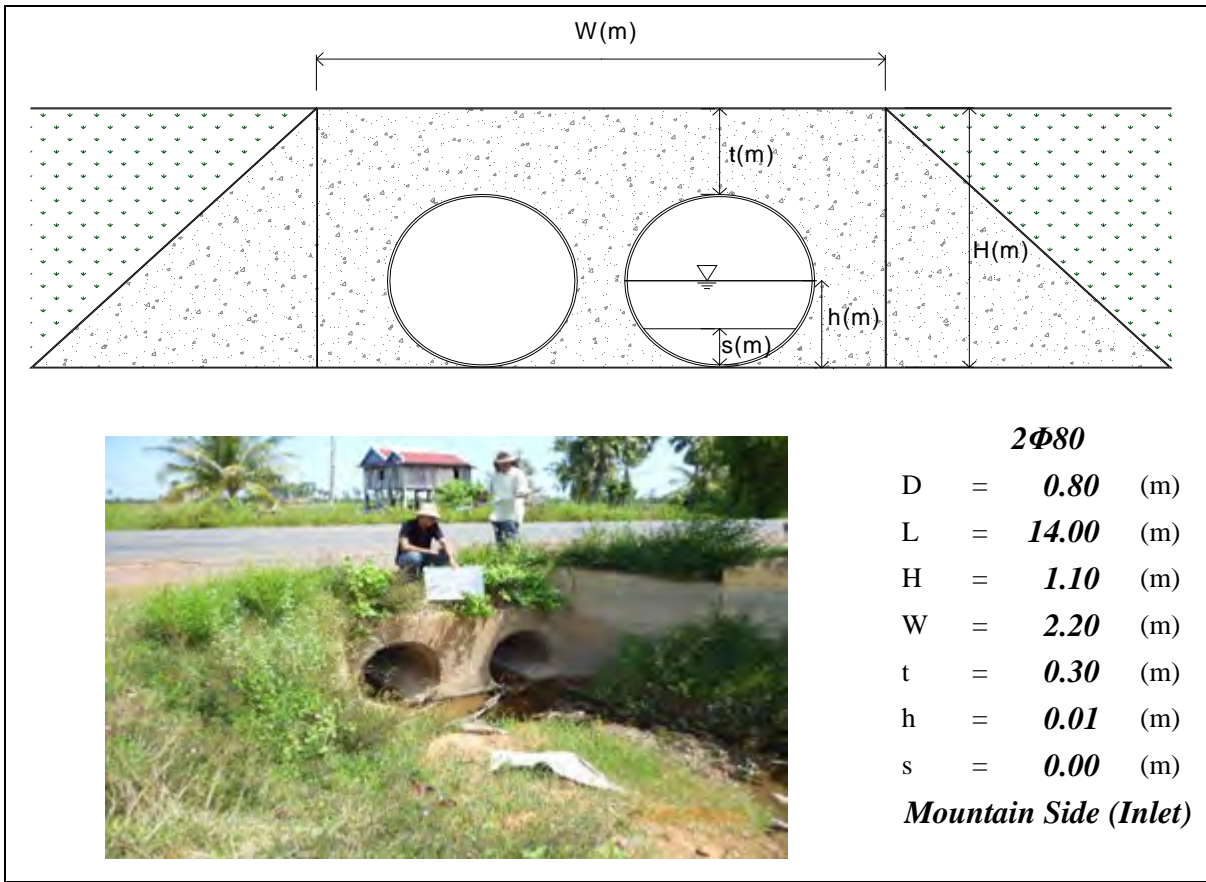


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, Lake means the Tonle Sap Lake

KP: **142+920**

No.: **Pc098**

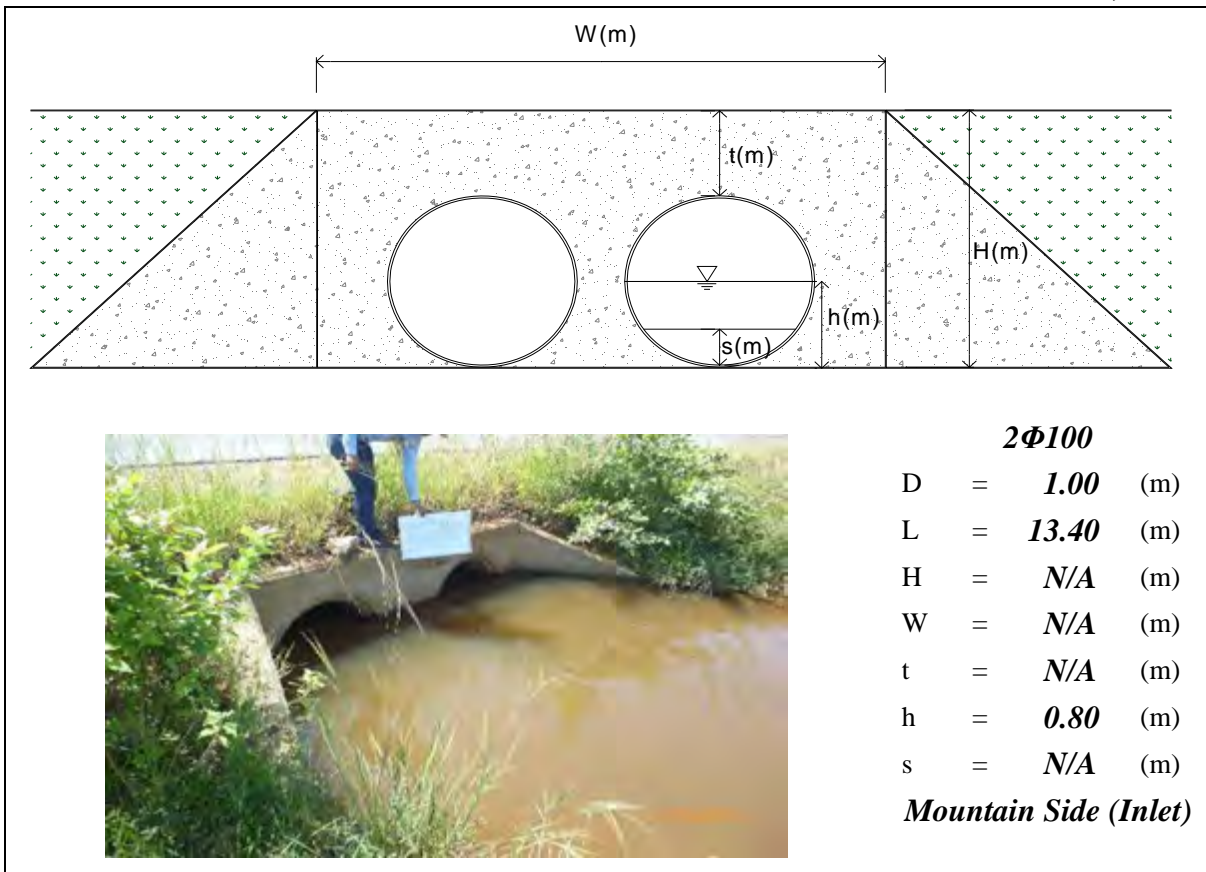
Date: **October 27, 2012**



KP: **147+982**

No.: **Pc099**

Date: **October 18, 2012**

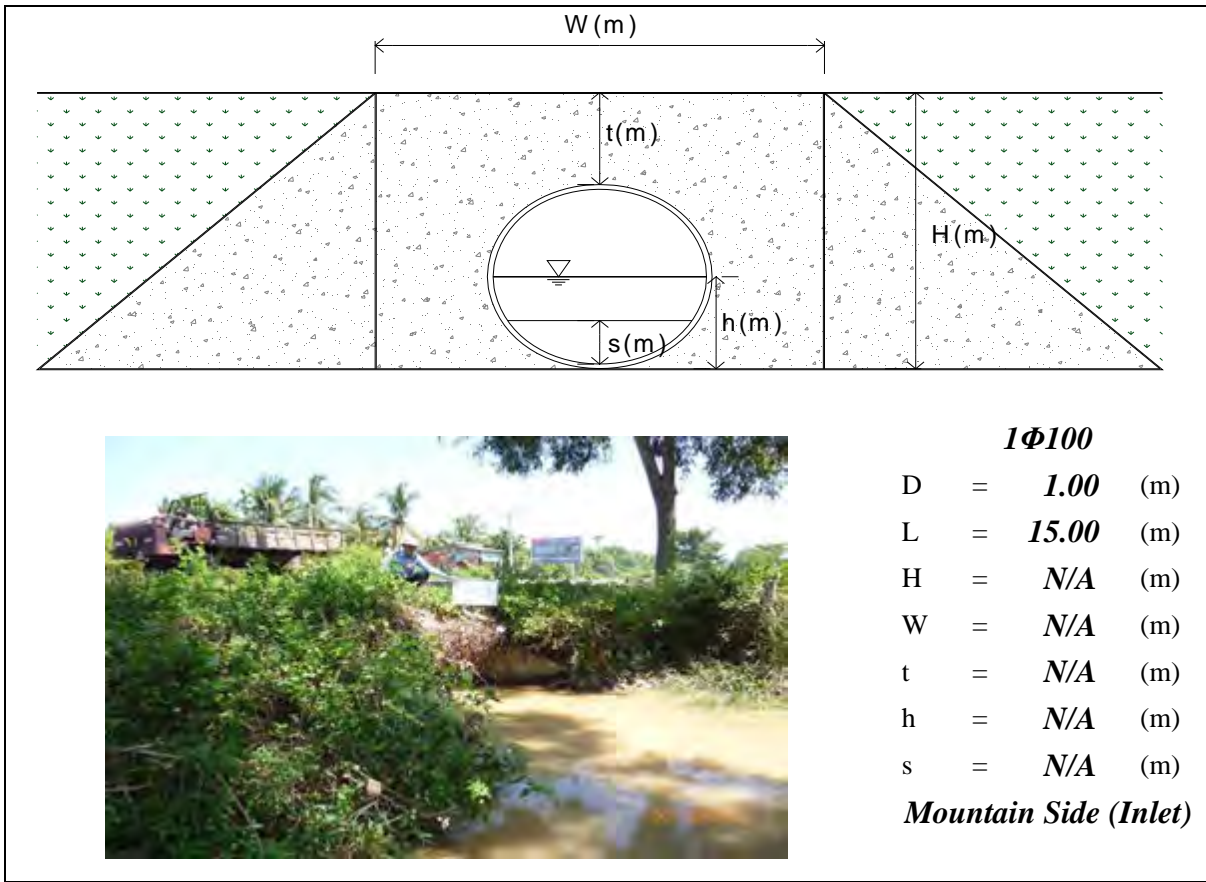


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **151+800**

No.: **Pc100**

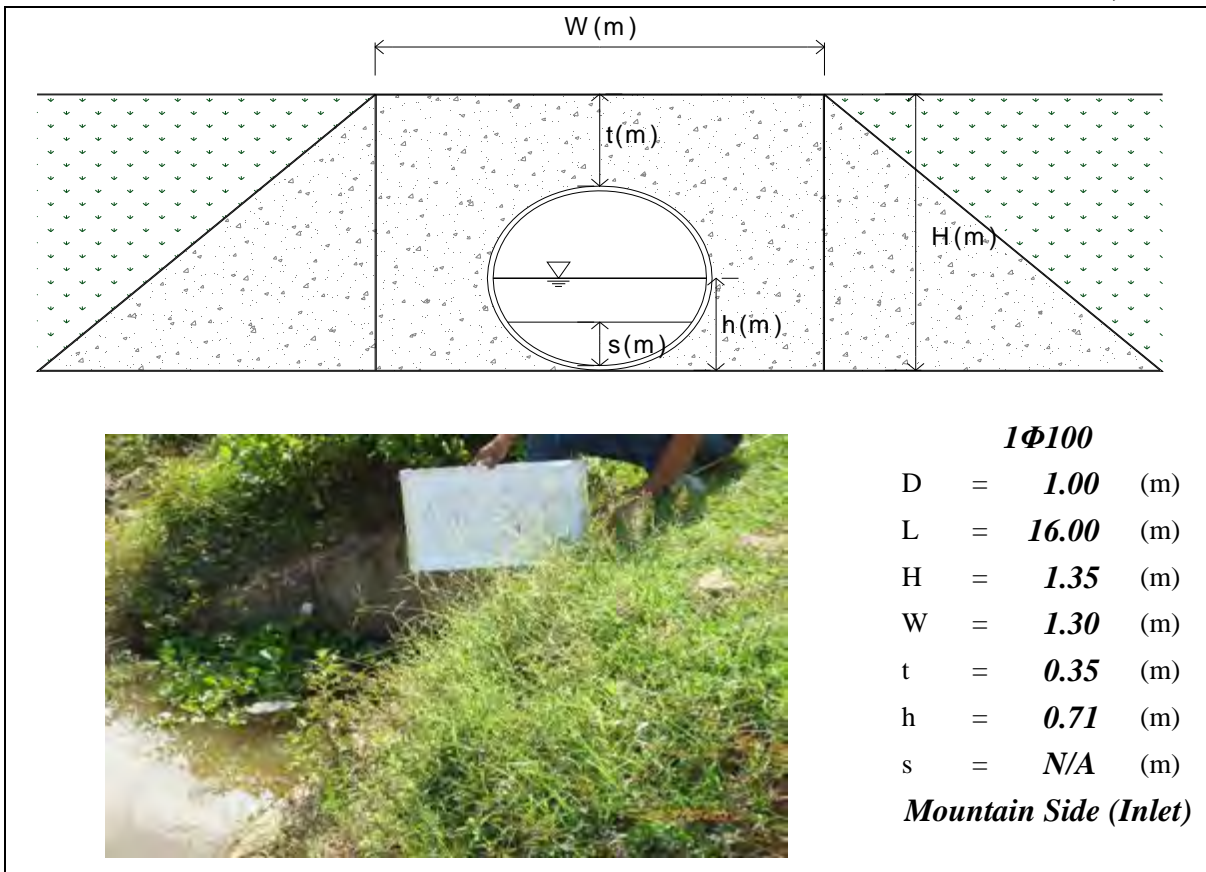
Date: **October 18, 2012**



KP: **152+500**

No.: **Pc101**

Date: **October 27, 2012**

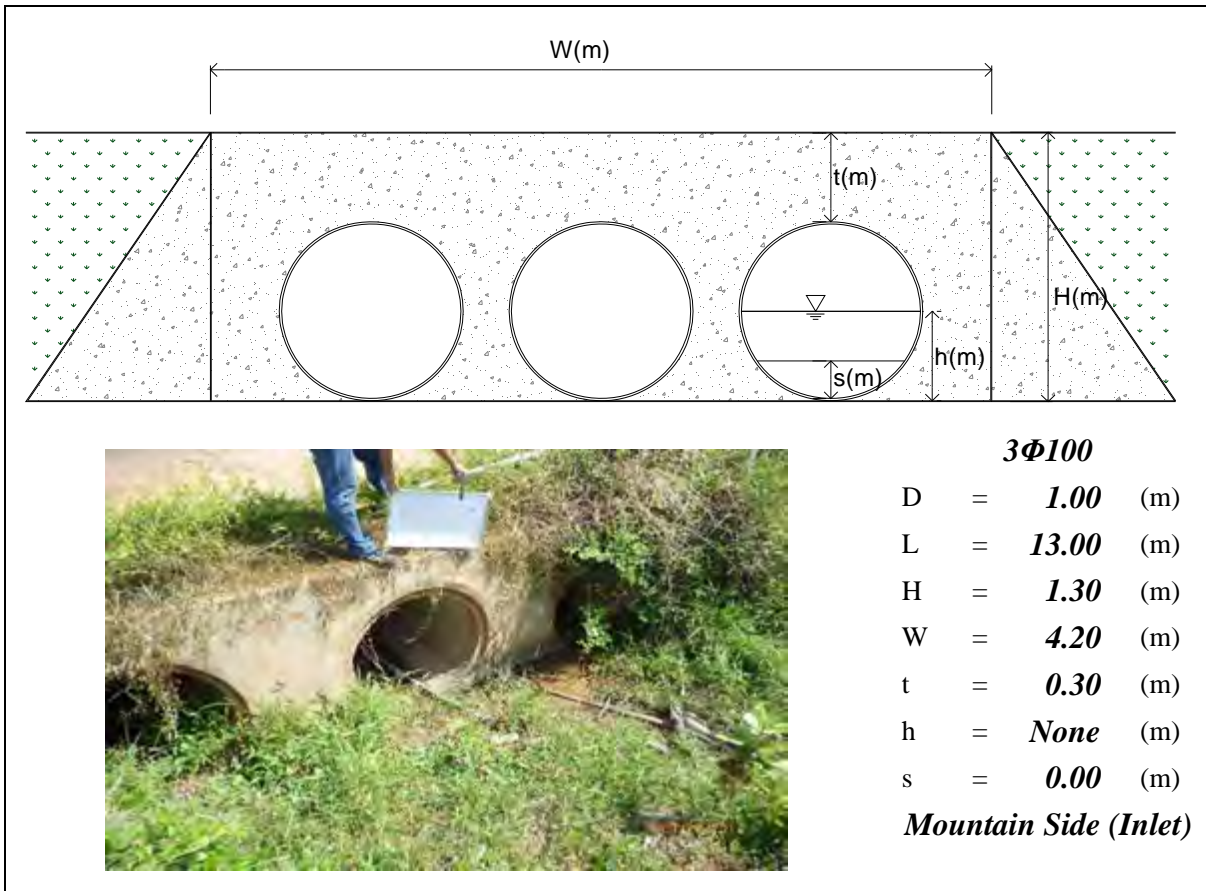


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **152+900**

No.: **Pc102**

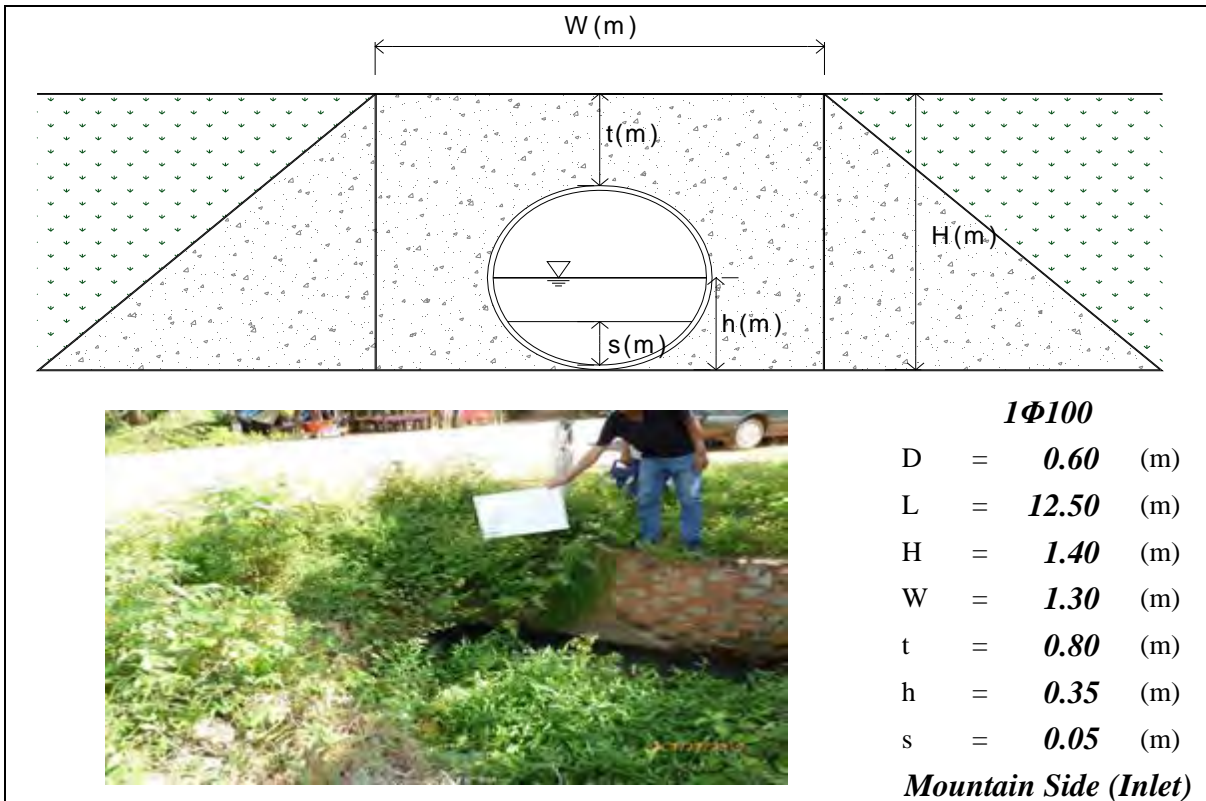
Date: **October 27, 2012**



KP: **154+070**

No.: **Pc103**

Date: **October 27, 2012**

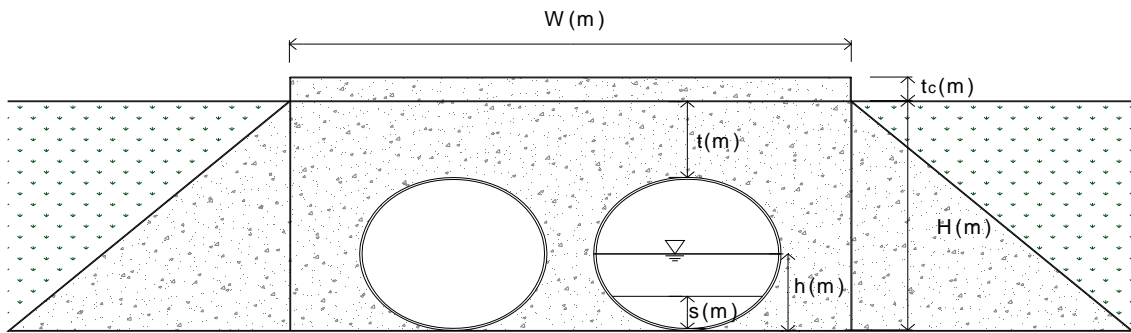


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **155+010**

No.: **Pc104**

Date: **October 27, 2012**



2Φ100

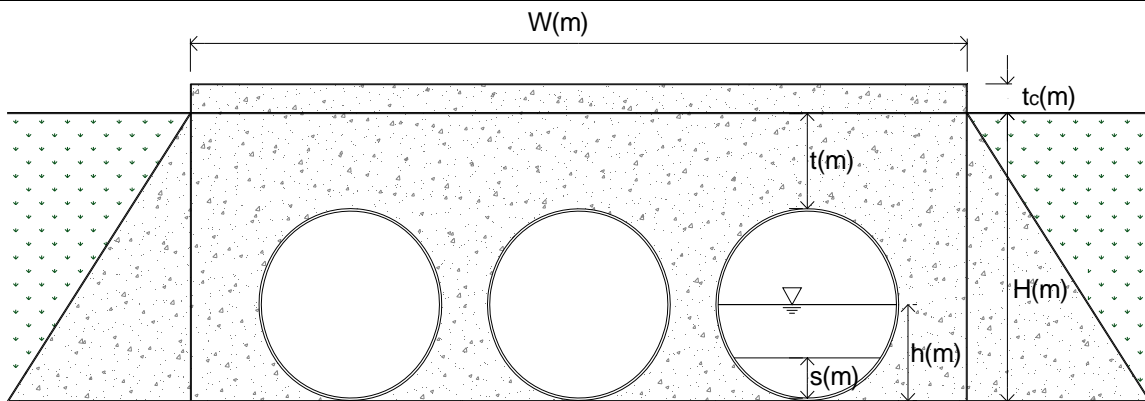
D	=	1.00	(m)
L	=	12,50	(m)
H	=	1.70	(m)
W	=	2.50	(m)
t	=	0.70	(m)
h	=	0.54	(m)
s	=	N/A	(m)

Mountain Side (Inlet)

KP: **158+200**

No.: **Pc105**

Date: **October 27, 2012**



3Φ80

D	=	0.80	(m)
L	=	12.70	(m)
H	=	1.92	(m)
W	=	3.40	(m)
t	=	1.15	(m)
h	=	1.08	(m)
s	=	0.03	(m)

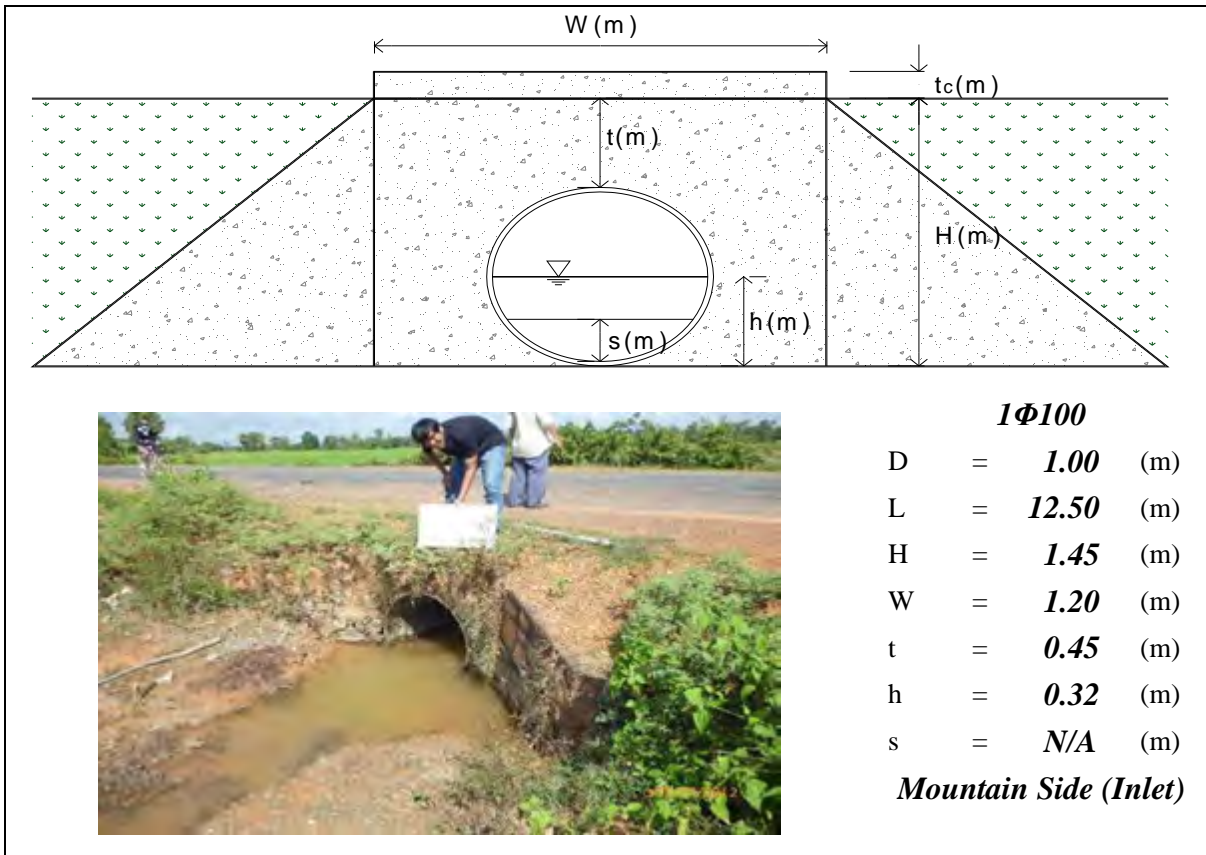
Mountain Side (Inlet)

Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **158+800**

No.: **Pc106 (Partly collapsed)**

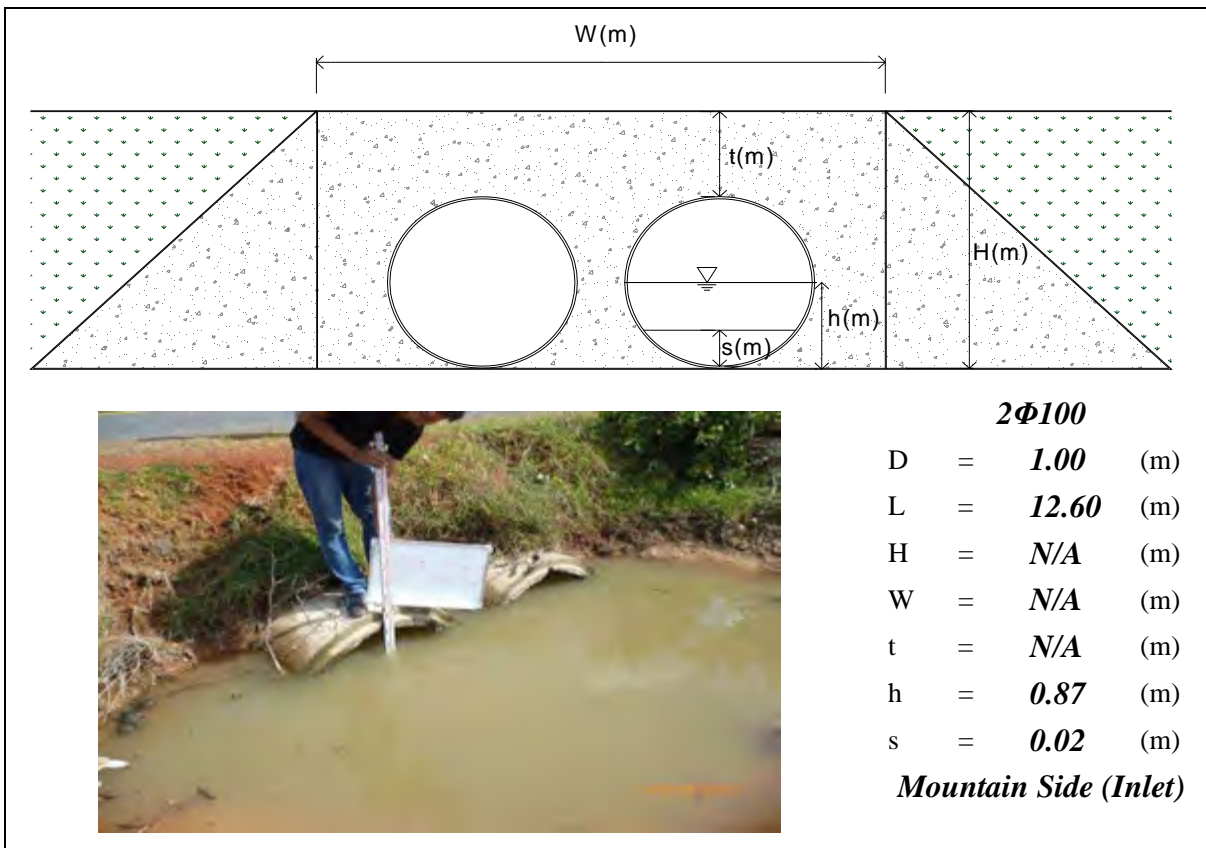
Date: **October 27, 2012**



KP: **159+600**

No.: **Pc107 (Inlet had been Damaged)**

Date: **October 27, 2012**

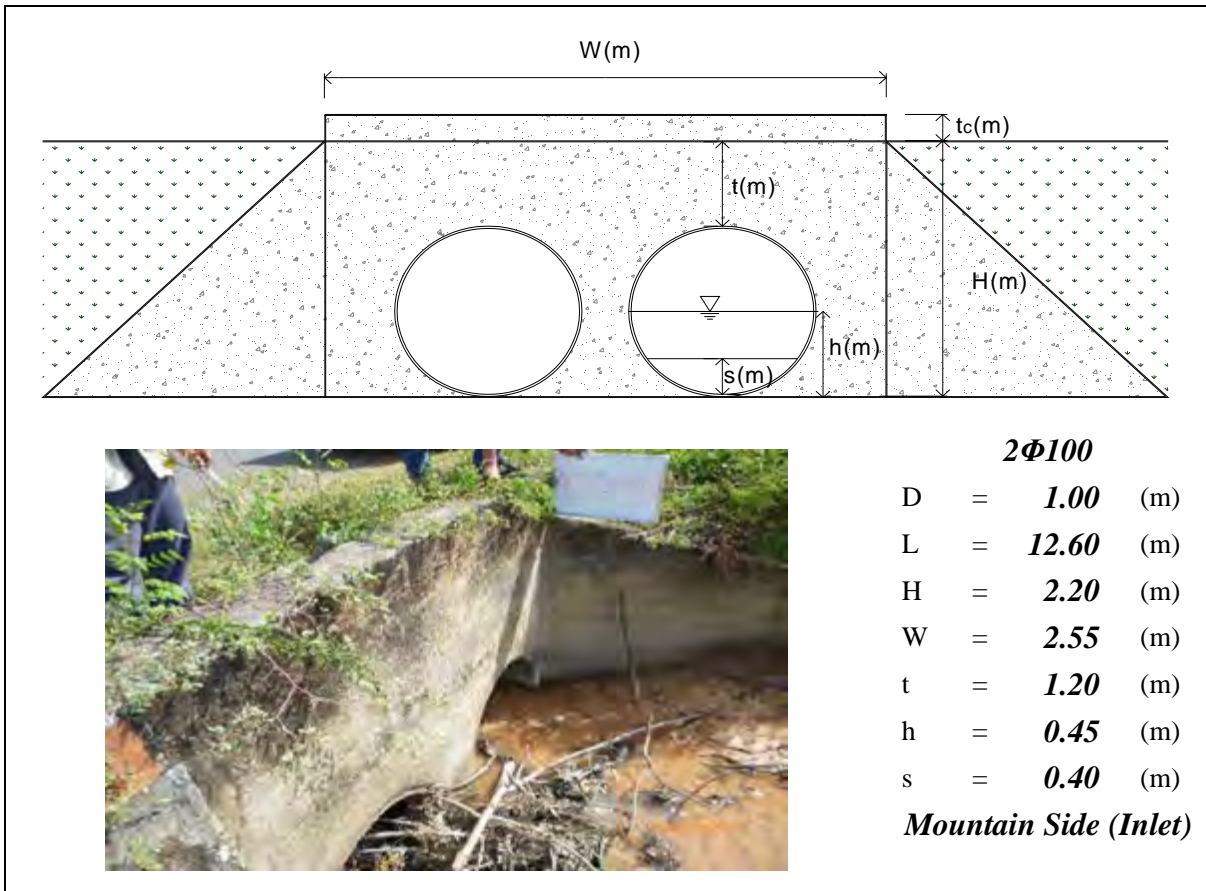


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **159+900**

No.: **Pc108**

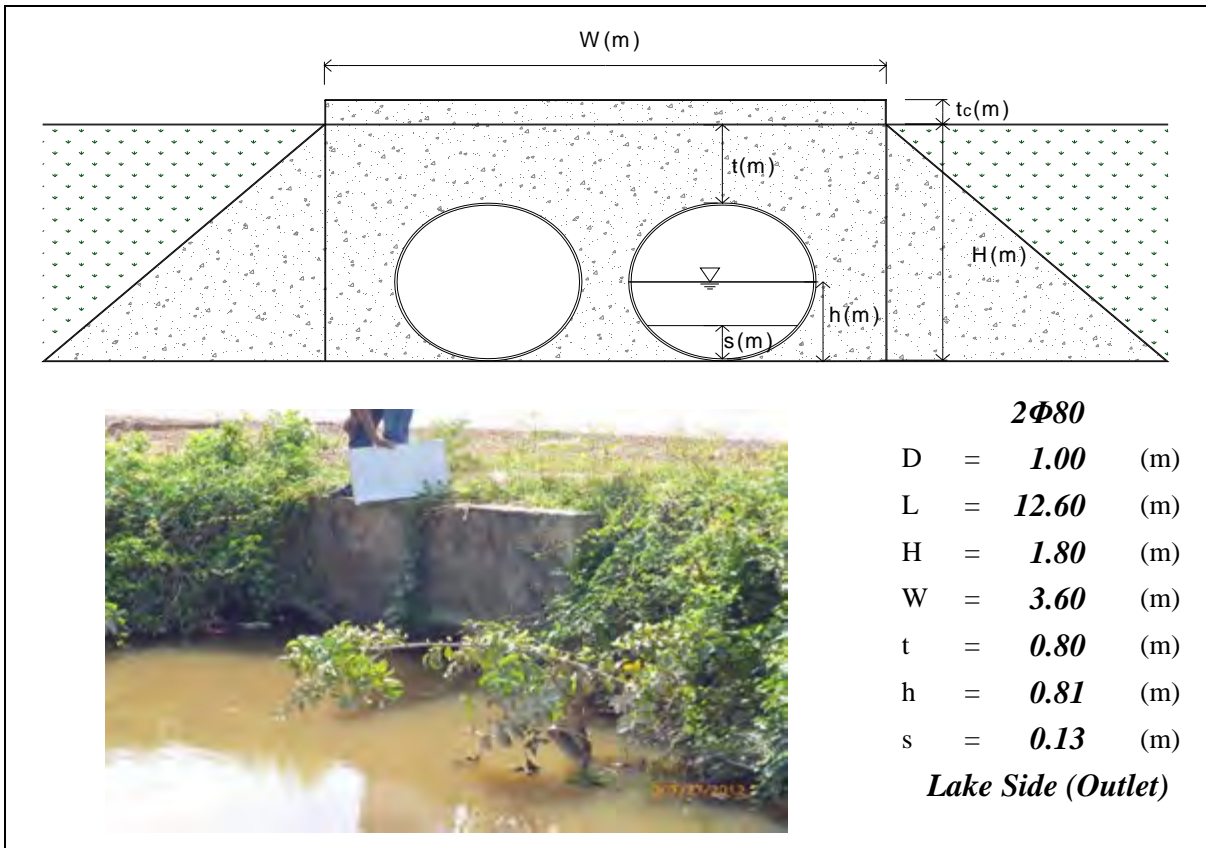
Date: **October 27, 2012**



KP: **161+300**

No.: **Pc109**

Date: **October 27, 2012**

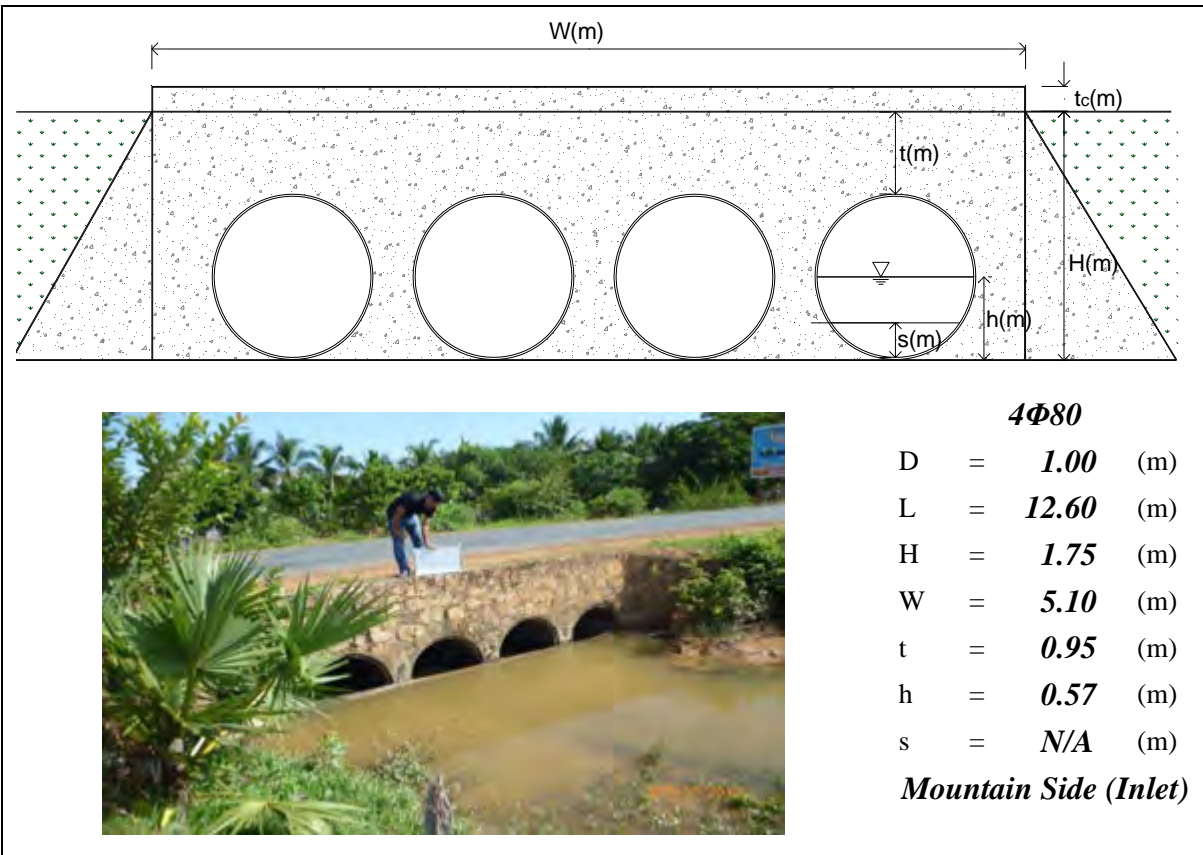


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available, Lake means the Tonle Sap Lake

KP: **161+700**

No.: **Pc110**

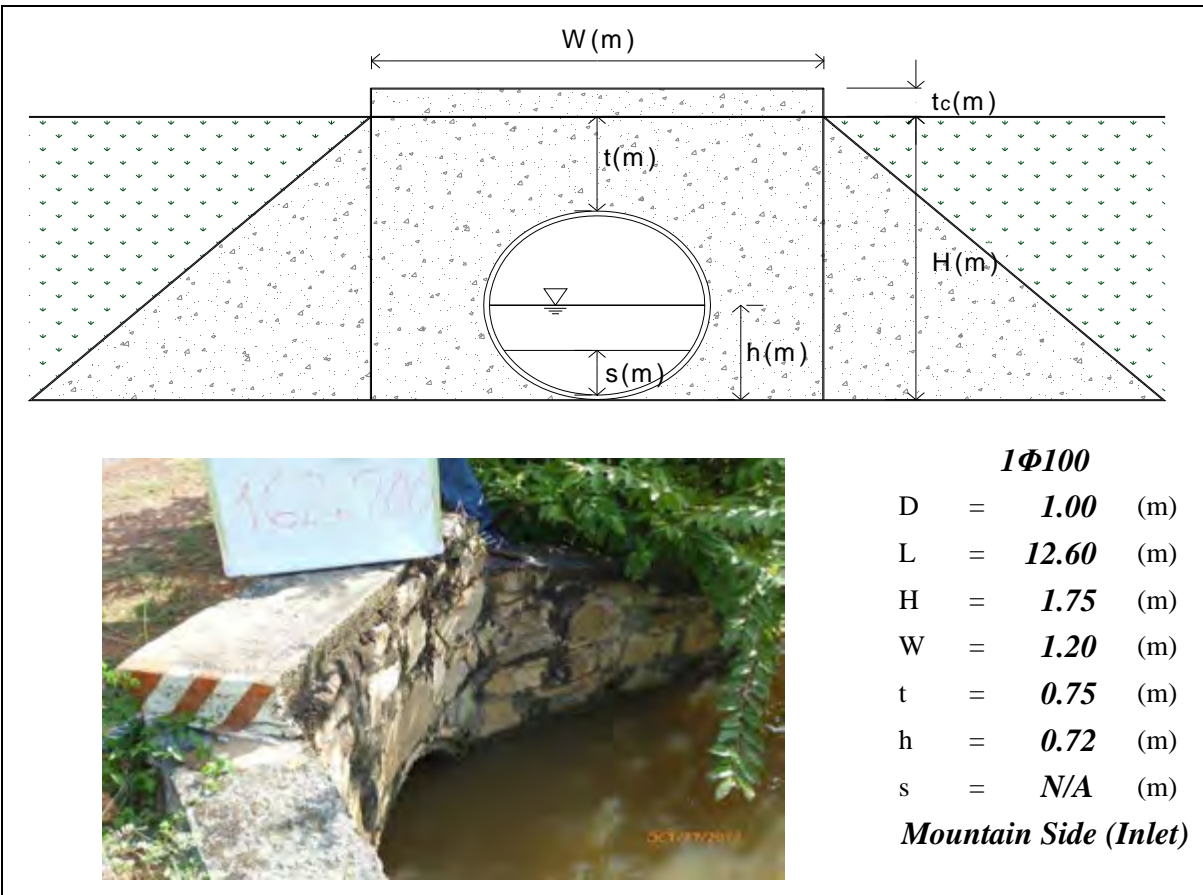
Date: **October 27, 2012**



KP: **162+700**

No.: **Pc111**

Date: **October 27, 2012**

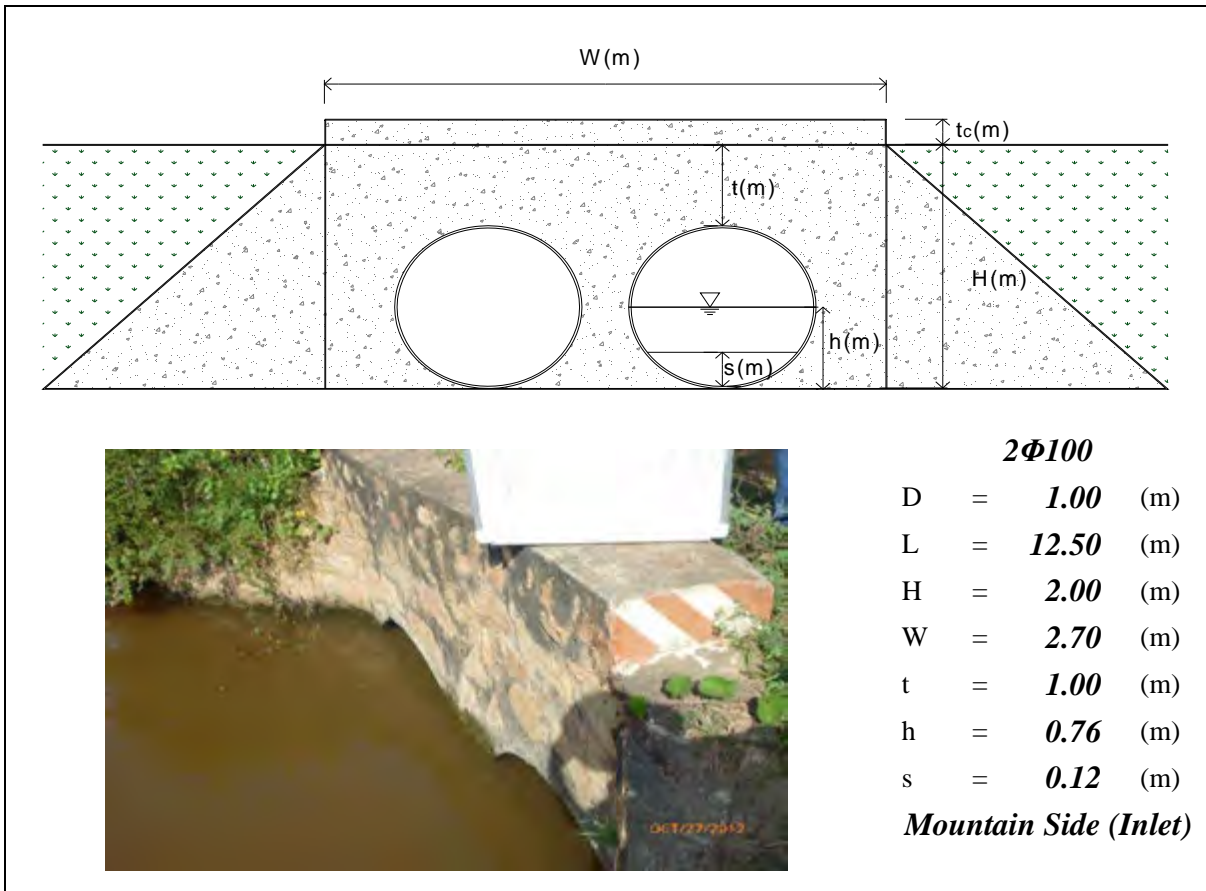


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **163+600**

No.: **Pc112**

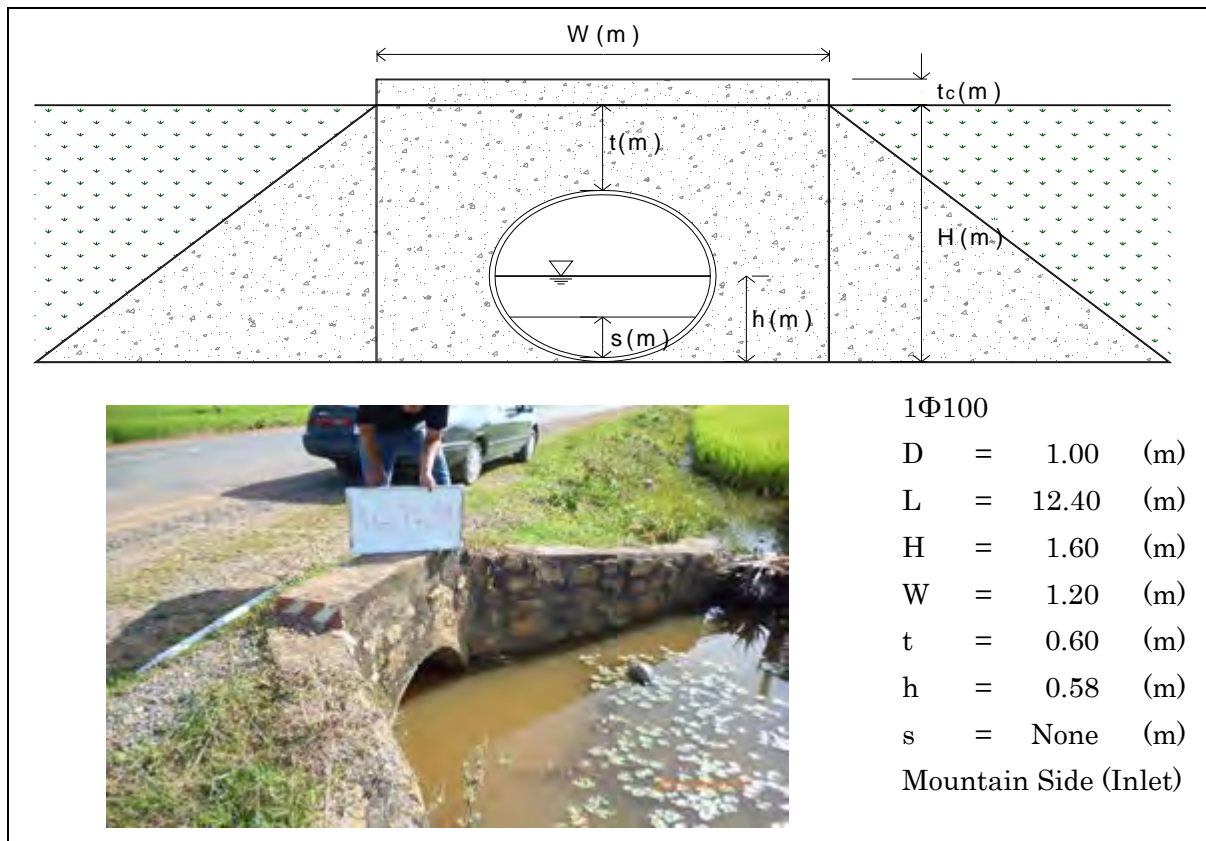
Date: **October 27, 2012**



KP: 164+200

No.: Pc113

Date: October 27, 2012

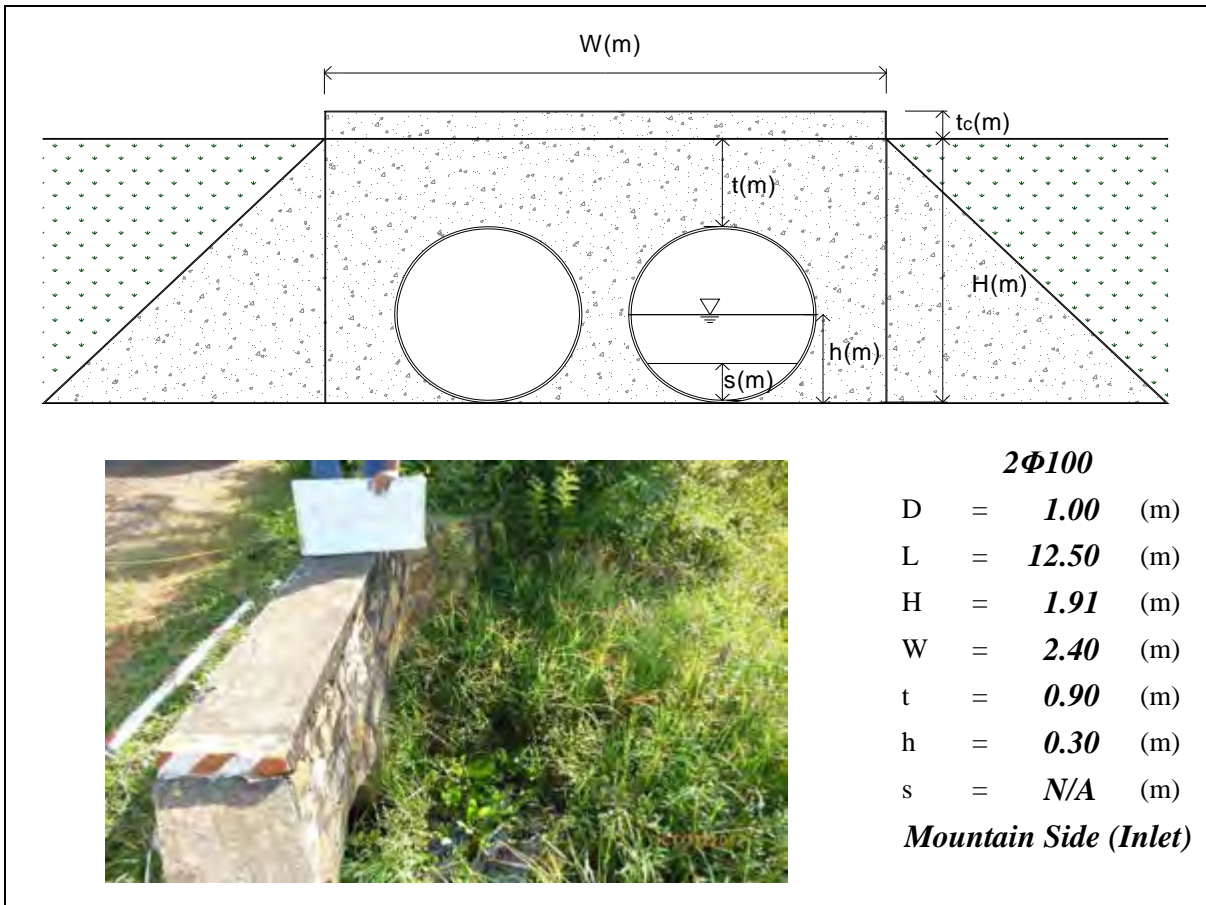


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **165+400**

No.: **Pc114**

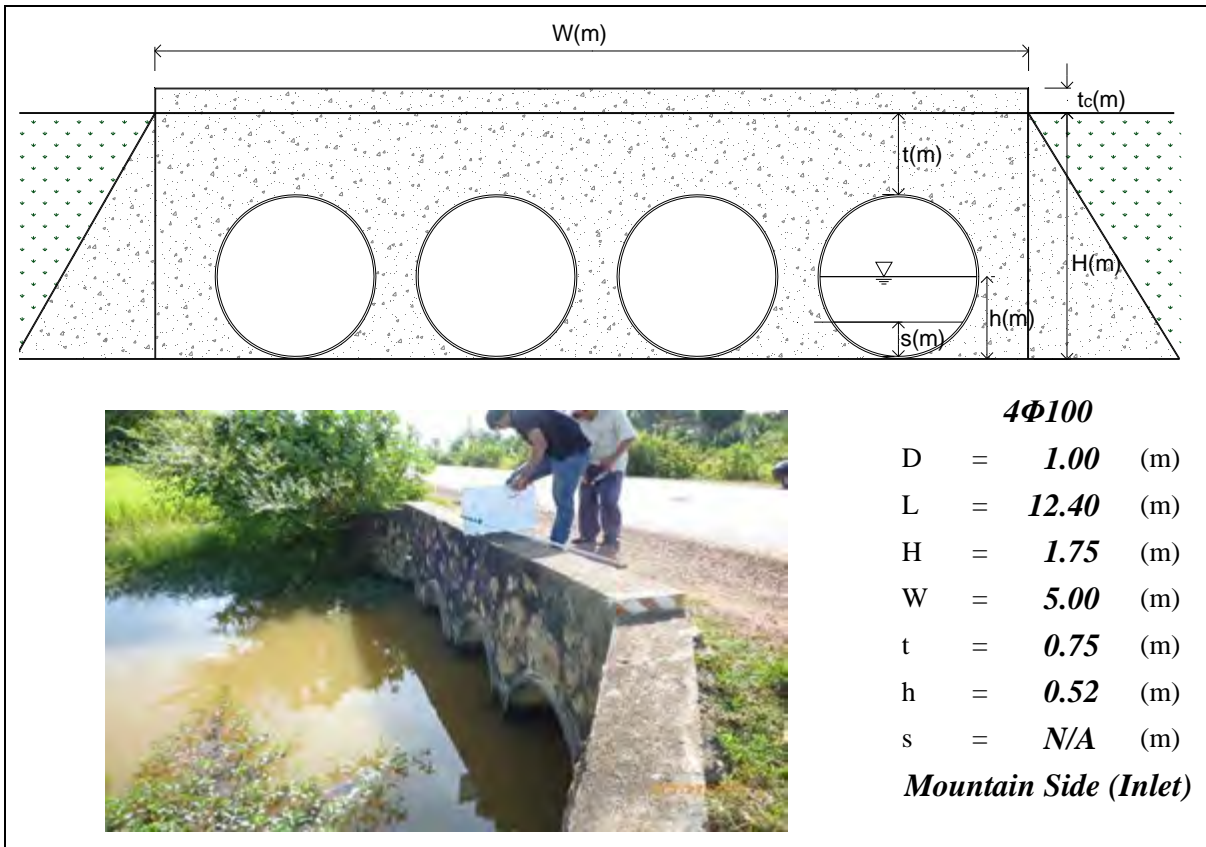
Date: **October 27, 2012**



KP: **166+500**

No.: **Pc115**

Date: **October 27, 2012**

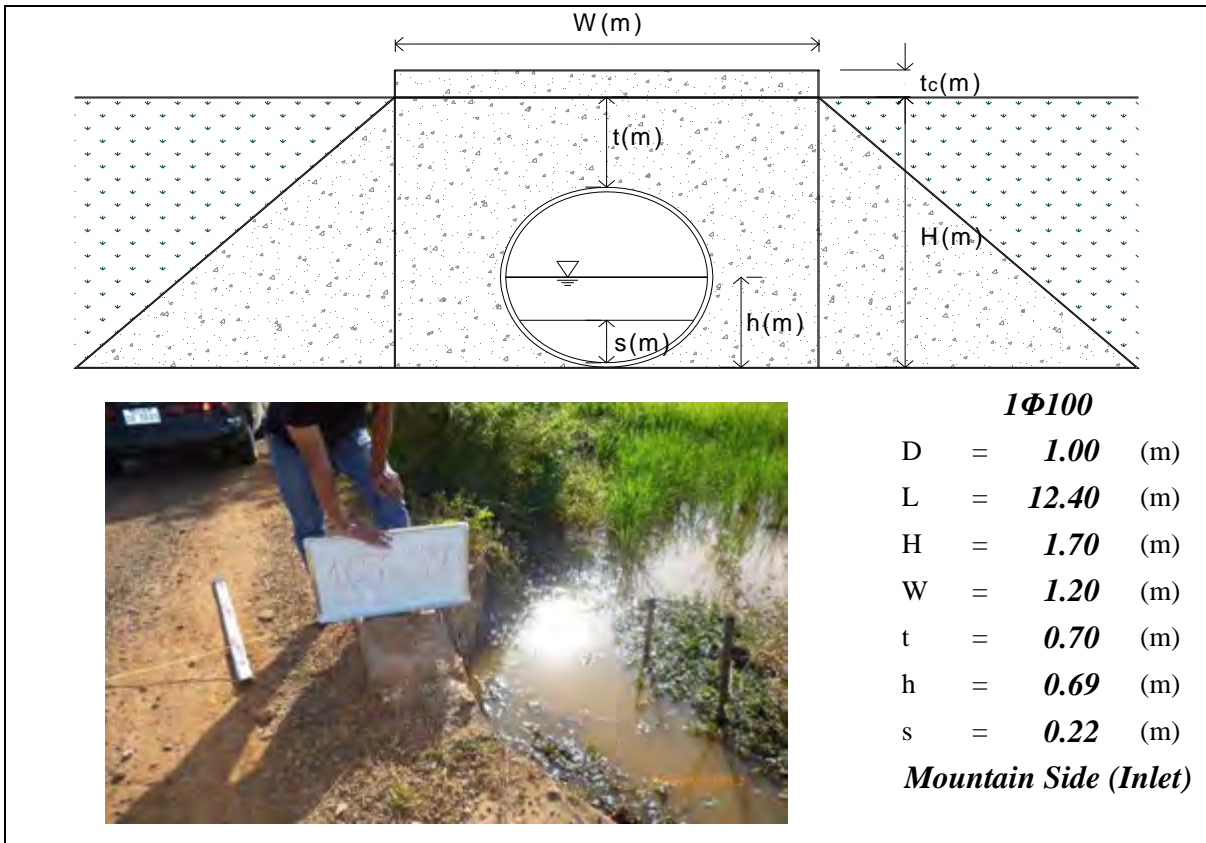


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **167+700**

No.: **Pc116**

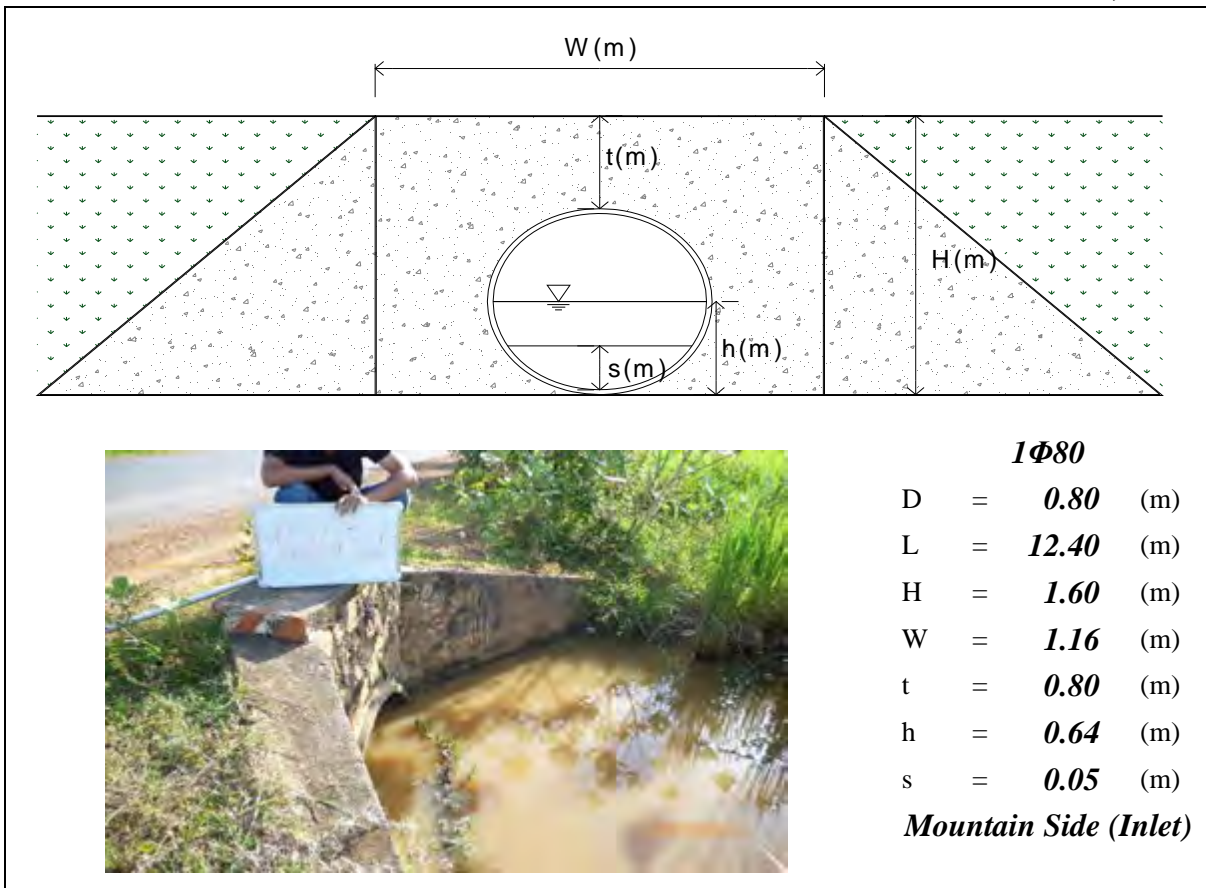
Date: **October 27, 2012**



KP: **168+500**

No.: **Pc117**

Date: **October 27, 2012**

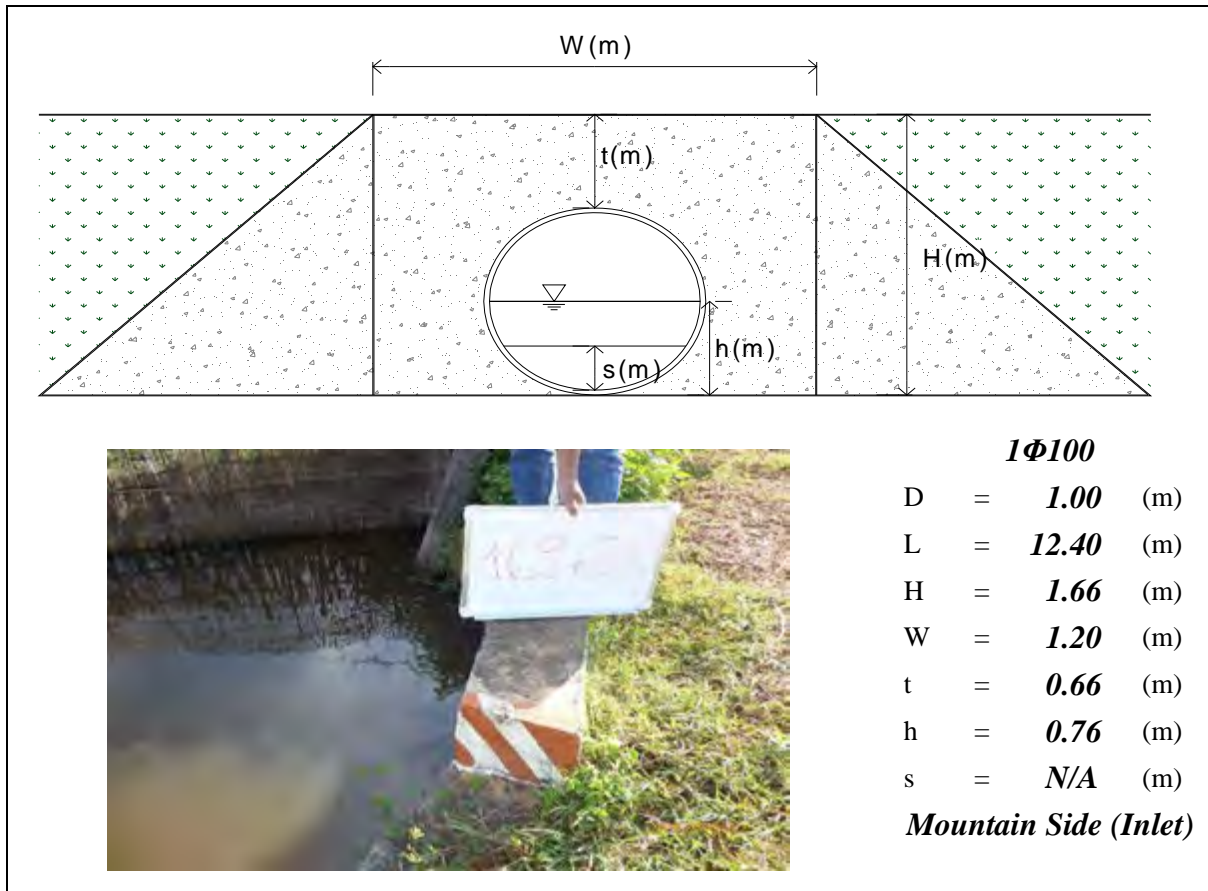


Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

KP: **169+200**

No.: **Pc118**

Date: **October 27, 2012**



Note: PC means Pipe Culvert, D=Diameter, L=Total Length, H=Total Height, W=Width, t=Height of Soil over Top, h=Water Depth, s=Deposition Height, N/A means data not available

