

DETAILED IMPROVEMENT PLAN																																	Page:	9										
Road Name: ISILOLO-MLANGO-OLDONYIRO										County: ISILOLO										From: 58+000					To: 59+000																			
Chain-age	(kilometres)		58 + 0				58 + 100				58 + 200				58 + 300				58 + 400				58 + 500				58 + 600				58 + 700				58 + 800				58 + 900				59 + 0	
	(metres)		LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS									
Road form.	Subgrade		LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS									
	Cross section		A	A	A	A	E	E	E	E	A	A	A	A	A	A	A	E	E	E	E	E	E	E	E	E	E	A	A	A	A	E	E	E	E	A	A	A	A					
Earth-works	Method: RES, ETL or FILL		RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES	RES					
	Choice of reshaping: L, T or E		E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E					
	Volume of ETL or Fill (m3/m)																																											
Gra-vel	Total	Thickness (cm,comp.)																																										
		Source (quarry No.)																																										
Longitudinal gradient (in %)			-3				0				2				5				1				1			2		0			1			3										
Mitre drains	Total	Number left =		1							1								1													1												
	10	Number right =					1						1									1						1						1										
Catch water	Total	Length of drain left =																																										
	0	Length of drain right =																																										
Culverts	N Ex	Chainage (m) = New line						34+160	N																																			
		= Existing line																																										
		= Cross drainage							BC																																			
		= Access culvert/ drift																																										
	(m)	= Left/ right																																										
		Ø 450mm																																										
		Ø 600mm																																										
	Ramp	Ø 900mm																																										
Earth fill (m3)																																												
Head-walls	Inlet (Material/Type)																																											
	Outlet (Material/Type)																																											
Scour Checks	HC	= Material this sheet/ Spacing left (m) =													20																													
	3	Spacing right (m) = =Total No. this sheet													20																													
Additional Instruction as per Reference														Longopito Town																														

Quantity Assessment		ISIOLO-MLANGO-OLDONYIRO				#	#	County: ISIOLO				From: 58+000				To: 59+000				pg	10									
Chainage:	58+000				58+200				58+400				58+600				58+800				59+000									
Input Measurements:	Free Clearance Width for Calculating areas																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Bush Clearing	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m
Grass Cutting						m						m						m						m						m
Grubbing	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m
Tree and stump removal	0					m	0					m	0	0				m	0					m	0					m
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Cross Section Sketch																														
Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Height of cut < 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
Height of cut > 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
For Reshaping :	Difference in Level between Exist. Camber and Side Drain for calculating volumes																													
Existing Roads	0					cm	0					cm	0					cm	0					cm	0					cm
Sloping						cm						cm						cm						cm						cm
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Quantities:	Quantities																				Total this page									
Bush Clearing	400		m2		400		m2		400		m2		400		m2		400		m2		400		2,000							
Grass Cutting			m2				m2				m2				m2				m2											
Grubbing	0		m2		0		m2		0		m2		0		m2		0		m2		0		0							
Tree and stump removal	0		No.		0		No.		0		No.		0		No.		0		No.		0		0							
	Quantities																				Total this page									
Height of cut < 0.25m	0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		0							
Height of cut > 0.25m	0		m3 (insitu)		324		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		324							
Embankment/Fill			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				0							
Drains full re-construction	242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		1,208							
Reshaping by Labour			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Towed Grader/Labour			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Equipment Based Method			m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
Data Collected by: Name: Date: Signature:																														

[illegible]

Quantity Assessment		ISIOLO-MLANGO-OLDONYIRO				#	#	County: ISIOLO				From: 59+000				To: 60+000				pg	11									
Chainage:	59+000				59+200				59+400				59+600				59+800				60+000									
Input Measurements:	Free Clearance Width for Calculating areas																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Bush Clearing	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m
Grass Cutting						m						m						m						m						m
Grubbing	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m
Tree and stump removal	0					m	0					m	0					m	0					m	0					m
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Cross Section Sketch																														
Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Height of cut < 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
Height of cut > 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
For Reshaping :	Difference in Level between Exist. Camber and Side Drain for calculating volumes																													
Existing Roads	0					cm	0					cm	0					cm	0					cm	0					cm
Sloping						cm						cm						cm						cm						cm
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Quantities:	Quantities																								Total this page					
Bush Clearing	400	m2		400	m2		400	m2		400	m2		400	m2		400	m2		400	m2		400	m2		400	m2		2,000		
Grass Cutting		m2			m2			m2			m2			m2			m2			m2			m2			m2				
Grubbing	0	m2		0	m2		0	m2		0	m2		0	m2		0	m2		0	m2		0	m2		0	m2		0		
Tree and stump removal	0	No.		0	No.		0	No.		0	No.		0	No.		0	No.		0	No.		0	No.		0	No.		0		
	Quantities																								Total this page					
Height of cut < 0.25m	0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0		
Height of cut > 0.25m	0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0		
Embankment/Fill		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)		0		
Drains full re-construction	242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		1,208		
Reshaping by Labour		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)				
By Towed Grader/Labour		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)				
By Equipment Based Method		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)				
Data Collected by: Name: Date: Signature:																														

Quantity Assessment						ISIOLO-MLANGO-OLDONYIRO						#	#	County:						ISIOLO						From: 60+000						To: 61+000						pg	12
Chainage:						60+000						60+200						60+400						60+600						60+800						61+000			
Input Measurements:						Free Clearance Width for Calculating areas																																	
						Aver. (m) 1 to 4 readings ^{y)}																		Aver. (m) 1 to 4 readings															
Bush Clearing						11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m				
Grass Cutting											m						m						m						m					m					
Grubbing						11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m				
Tree and stump removal						0					m	0					m	0					m	0					m	0					m				
^{y)} Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																																							
Cross Section Sketch																																							
Measurements for small cut to fill:						Height of Cut / Differences in Levels for calculating volumes																																	
						Aver. (m) 1 to 4 readings ^{y)}																		Aver. (m) 1 to 4 readings ^{y)}															
Height of cut < 0.25m						0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm				
Height of cut > 0.25m						0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm				
For Reshaping : Difference in Level between Exist. Camber and Side Drain for calculating volumes																																							
Existing Roads						0					cm	0					cm	0					cm	0					cm	0					cm				
Sloping											cm						cm						cm						cm						cm				
^{y)} Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																																							
Quantities:						Quantities																														Total this page			
Bush Clearing						400		m2		400		m2		400		m2		400		m2		400		m2		400		m2		2,000									
Grass Cutting								m2				m2				m2				m2				m2				m2											
Grubbing						0		m2		0		m2		0		m2		0		m2		0		m2		0		m2		0									
Tree and stump removal						0		No.		0		No.		0		No.		0		No.		0		No.		0		No.		0									
						Quantities																														Total this page			
Height of cut < 0.25m						0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0									
Height of cut > 0.25m						0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0									
Embankment/Fill								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)		0									
Drains full re-construction						242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		1,208									
Reshaping by Labour								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Towed Grader/Labour								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Equipment Based Method								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
Data Collected by: Name: Date: Signature:																																							

Quantity Assessment		ISIOLO-MLANGO-OLDONYIRO					#	#	County: ISIOLO					From: 61+000					To: 62+000					pg	13					
Chainage:	61+000					61+200					61+400					61+600					61+800					62+000				
Input Measurements:	Free Clearance Width for Calculating areas																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Bush Clearing	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m
Grass Cutting						m						m						m						m						m
Grubbing	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m
Tree and stump removal	0					m	0					m	0					m	0					m	0					m
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Cross Section Sketch																														
Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes																													
	Aver. (m) 1 to 4 readings ^{*)}																													
Height of cut < 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
Height of cut > 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
For Reshaping :	Difference in Level between Exist. Camber and Side Drain for calculating volumes																													
Existing Roads	0					cm	0					cm	0					cm	0					cm	0					cm
Sloping						cm						cm						cm						cm						cm
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Quantities:	Quantities																				Total this page									
Bush Clearing	400	m2		400	m2		400	m2		400	m2		400	m2		400	m2		400	m2		400	m2		400	m2		2,000		
Grass Cutting		m2			m2			m2			m2			m2			m2			m2			m2			m2				
Grubbing	0	m2		0	m2		0	m2		0	m2		0	m2		0	m2		0	m2		0	m2		0	m2		0		
Tree and stump removal	0	No.		0	No.		0	No.		0	No.		0	No.		0	No.		0	No.		0	No.		0	No.		0		
	Quantities																				Total this page									
Height of cut < 0.25m	0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0		
Height of cut > 0.25m	0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0	m3 (insitu)		0		
Embankment/Fill		m3 (insitu)		81	m3 (insitu)		162	m3 (insitu)		162	m3 (insitu)		162	m3 (insitu)		162	m3 (insitu)		162	m3 (insitu)		162	m3 (insitu)		162	m3 (insitu)		567		
Drains full re-construction	242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		242	m3 (insitu)		1,208		
Reshaping by Labour		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)				
By Towed Grader/Labour		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)				
By Equipment Based Method		m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)			m3 (insitu)				
Data Collected by: Name: Date: Signature:																														

Quantity Assessment						ISIOLO-MLANGO-OLDONYIRO						#	#	County:						ISIOLO						From: 62+000						To: 63+000						pg	14		
Chainage:						62+000						62+200						62+400						62+600						62+800								62+000			
Input Measurements:						Free Clearance Width for Calculating areas																																			
						Aver. (m) 1 to 4 readings ^{*)}																									Aver. (m) 1 to 4 readings										
Bush Clearing						11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m						
Grass Cutting											m						m						m						m					m							
Grubbing						11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m						
Tree and stump removal						0					m	0					m	0					m	0					m	0					m						
^{*)} Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																																									
Cross Section Sketch																																									
Measurements for small cut to fill:						Height of Cut / Differences in Levels for calculating volumes																																			
						Aver. (m) 1 to 4 readings ^{*)}																									Aver. (m) 1 to 4 readings ^{*)}										
Height of cut < 0.25m						0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm						
Height of cut > 0.25m						0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm						
For Reshaping : Difference in Level between Exist. Camber and Side Drain for calculating volumes																																									
Existing Roads						0					cm	0					cm	0					cm	0					cm	0					cm						
Sloping											cm						cm						cm						cm						cm						
^{*)} Note: The user free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																																									
Quantities:						Quantities																														Total this page					
Bush Clearing						400		m2		400		m2		400		m2		400		m2		400		m2		400		m2		2,000											
Grass Cutting								m2				m2				m2				m2				m2				m2													
Grubbing						0		m2		0		m2		0		m2		0		m2		0		m2		0		m2		0											
Tree and stump removal						0		No.		0		No.		0		No.		0		No.		0		No.		0		No.		0											
						Quantities																														Total this page					
Height of cut < 0.25m						0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0											
Height of cut > 0.25m						0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0											
Embankment/Fill								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)		0											
Drains full re-construction						242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		1,208											
Reshaping by Labour								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)													
By Towed Grader/Labour								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)													
By Equipment Based Method								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)													
Data Collected by: Name: Date: Signature:																																									

Quantity Assessment						ISIOLO-MLANGO-OLDONYIRO						#	#	County:						ISIOLO						From: 63+000						To: 64+000						pg	15
Chainage:						63+000						63+200						63+400						63+600						63+800						64+000			
Input Measurements:						Free Clearance Width for Calculating areas																																	
						Aver. (m) 1 to 4 readings ^{y)}																		Aver. (m) 1 to 4 readings															
Bush Clearing						11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m				
Grass Cutting											m						m						m						m					m					
Grubbing						11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m				
Tree and stump removal						0					m	0					m	0					m	0					m	0					m				
^{y)} Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																																							
Cross Section Sketch																																							
Measurements for small cut to fill:						Height of Cut / Differences in Levels for calculating volumes																																	
						Aver. (m) 1 to 4 readings ^{y)}																		Aver. (m) 1 to 4 readings ^{y)}															
Height of cut < 0.25m						0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm				
Height of cut > 0.25m						0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm				
For Reshaping : Difference in Level between Exist. Camber and Side Drain for calculating volumes																																							
Existing Roads						0					cm	0					cm	0					cm	0					cm	0					cm				
Sloping											cm						cm						cm						cm						cm				
^{y)} Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																																							
Quantities:						Quantities																														Total this page			
Bush Clearing						400		m2		400		m2		400		m2		400		m2		400		m2		400		m2		2,000									
Grass Cutting								m2				m2				m2				m2				m2				m2											
Grubbing						0		m2		0		m2		0		m2		0		m2		0		m2		0		m2		0									
Tree and stump removal						0		No.		0		No.		0		No.		0		No.		0		No.		0		No.		0									
						Quantities																														Total this page			
Height of cut < 0.25m						0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0									
Height of cut > 0.25m						0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0		m3 (insitu)		0									
Embankment/Fill								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)		0									
Drains full re-construction						242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		242		m3 (insitu)		1,208									
Reshaping by Labour								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Towed Grader/Labour								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
By Equipment Based Method								m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)				m3 (insitu)											
Data Collected by: Name: Date: Signature:																																							

Quantity Assessment		ISIOLO-MLANGO-OLDONYIRO					#	#	County: ISIOLO					From: 64+000					To: 65+000					pg	16					
Chainage:	64+000					64+200					64+400					64+600					64+800					65+000				
Input Measurements:	Free Clearance Width for Calculating areas																													
	Aver. (m) 1 to 4 readings ^{*)}											Aver. (m) 1 to 4 readings																		
Bush Clearing	10	10	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m
Grass Cutting						m						m						m						m						m
Grubbing	10	10	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m	11	11	0	0	0	m
Tree and stump removal	1	1				m	0					m	0					m	0					m	0					m
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Cross Section Sketch																														
Measurements for small cut to fill:	Height of Cut / Differences in Levels for calculating volumes																													
	Aver. (m) 1 to 4 readings ^{*)}											Aver. (m) 1 to 4 readings ^{*)}																		
Height of cut < 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
Height of cut > 0.25m	0	0				cm	0					cm	0		0		0	cm	0		0		0	cm	0		0		0	cm
For Reshaping :	Difference in Level between Exist. Camber and Side Drain for calculating volumes																													
Existing Roads	0					cm	0					cm	0					cm	0					cm	0					cm
Sloping						cm						cm						cm						cm						cm
*) Note: The user is free to select the number of reading required according to the site conditions. (min. 1 max. 4 for each section).																														
Quantities:	Quantities																									Total this page				
Bush Clearing	600	m2				400	m2				400	m2					m2					m2				1,400				
Grass Cutting		m2					m2					m2					m2					m2								
Grubbing	200	m2				0	m2				0	m2					m2					m2				200				
Tree and stump removal	1	No.				0	No.				0	No.				0	No.					No.				1				
	Quantities																									Total this page				
Height of cut < 0.25m	0	m3 (insitu)				0	m3 (insitu)				0	m3 (insitu)				0	m3 (insitu)				0	m3 (insitu)				0				
Height of cut > 0.25m	0	m3 (insitu)				0	m3 (insitu)				0	m3 (insitu)				0	m3 (insitu)				0	m3 (insitu)				0				
Embankment/Fill		m3 (insitu)					m3 (insitu)					m3 (insitu)					m3 (insitu)					m3 (insitu)				0				
Drains full re-construction	242	m3 (insitu)				242	m3 (insitu)				242	m3 (insitu)					m3 (insitu)					m3 (insitu)				725				
Reshaping by Labour		m3 (insitu)					m3 (insitu)					m3 (insitu)					m3 (insitu)					m3 (insitu)								
By Towed Grader/Labour		m3 (insitu)					m3 (insitu)					m3 (insitu)					m3 (insitu)					m3 (insitu)								
By Equipment Based Method		m3 (insitu)					m3 (insitu)					m3 (insitu)					m3 (insitu)					m3 (insitu)								
Data Collected by: Name: Date: Signature:																														