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Cost		(Unit : 1,00					Cost		(0.0. 1,00	
ction O&M Cost	Totel	Bencfit	Net Benefit		Year		Cost	Total	Benefit	Nct Be
99 0 247	62,399 247	0.0 3,772,0	-62,399 3,526		1	49,331	0 111	. 49,331 []]	0.0 2,352.0	2
247	247	4,076.3	3,830		3		111	111	2,563.1	2
247	247	4,411.0			4					2 2
			4,938	1	6			111	3,331.7	3
247	247	5,629.8	5,383		7	. *	111	111	3,640.8	3
247 247	247									4
247	247	7,251.9	7,005		10		186	111	4,766.1	4
247	247	7,904.2	7,658		11	· · ·	- 111	- 111		5 5
										6
247	247	10,279.2			. 14	t gene	-111	111	6,866.2	6
247	247	11,234.3	10,988		15		111	111		7.
247	247	12,284.8								8, 8,
	247	13,440.4			18	•	111	111	9,941.0	- 9
247	247	16,109.8	15,863		. 19		111	111	10,911.0 11.978.0	10 11
		17,047.8	17,401			0	<u>. </u>			
(= 89 	7b			l i			, x			
	· · ·		2							
	247 247 247 247 247 247 247 247 247 247	247 247 247	247 247 4,411.0 247 247 4,719.2 247 247 5,184.3 247 247 5,629.8 247 247 6,619.9 247 247 6,658.9 247 247 6,621.8 247 247 8,621.3 247 247 9,411.0 247 247 10,279.2 247 247 12,244.8 247 247 12,244.3 247 247 11,234.3 247 247 13,440.4 247 247 14,711.5 247 247 16,109.8 247 247 17,647.8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

Table G.1.13 Calculation Table for IRR

•		'	(N	acnua (Jpazila) (41	U	ng Bang Kalinan		5		
(<u></u>	Cost an	d Benefit S	tream		1			Cost an	d Benefit St	ream	
	Upezila	KACHU		No.	5			Upazila	KACHU	A	No.	6
. ·	Name of Road	RR-3						Name of Road	RR-4			
	Length of Road	- 1 A	Km		a sultante de la composición de la comp			Length of Road	5.5 1	Km		
	Cost	36,905					1 · ·	Cost	37,347	11.11		
	Unit O&M Cos		O&M Cost	136.0				Unit O&M Cos	ı 17.0	O&M Cost	93.5	
	Benefit T			*****				Benefit T				
		997.0	10.00 %		40 M 1	ļ		<u>A</u>	1,617.0	10.00 9	6 "(Unit : 1,00	() Taka)
`				(Unit : 1,0	UU IAKA)		line in the second seco		Cost		(Onit : 1100	
Yea	Construction	Cost	Total	Benefit	Net Benefit		Year	Construction		Total	Benefit	Net Benefit
	Cest	Cost						Cont	Cost	· .		
	1 36,905	0	36,905	0.0	-36,905	1		37,347	0	37,347	0.0	-37,347
	2	136	136	1,415.0	1,279		2		94 94	94 94	2,128.0 2,289.7	2,035 2,195
	3	136	136	1,514.7 1,624.4	1,379 1,488		3		94	94	2,467.6	2,374
	4 5	136 136	136	1,745.0	1,609		5		94	94	2,663.2	2,570
	Ś.	136	136	1,877.7	1,742		6	an a	94	94	2,878.4	2,785
	7 - 19 - 19 - 19 - 19 - 19 - 19 - 19 - 1	136	136	2,023.7	1,888		1 7	and the second	94 94	94 94	3,115.2 3,375.6	3,022 3,282
	8	136	136	2,184.2	2,048 2,225		8	n Na tanàn	- 94	94	3,662.1	3,569
1	9 · · · ·	136 136	136 136	2,560.5	2,419		10		-94	. 94	3,977.2	3,884
		136	136	2,768.9	2,633	[453 H		94	94	4,323.8	4,230
1		136	136	3,004.0	2,868		12		94	94 94	4,705,1	4,612 5,031
1:		136	136	3,262.6	3,127]	13		94 94	94	5,124.5 5,585.8	5,492
1.		136 136	136	3,547.0	3,411 3,724		15		94	94	6,093.3	6,000
		136	135	4,204.1	4,068		16		94	- 94	6,651.6	6,558
1. î		136	136	4,582.7	4,447	} .	1 17		94	94	7,265.6	7,172
1		136	136	4,999.2	4,863		18		94 94	94	7,941.1 8,684.1	7,848
1		136 136	136 136	5,457.3 5,961.2	5,321 5,825		20		94	94	9,501.4	9,408
			ببنيسمي		·	{ .		IRR =	8			
an i	IRR =	3	2							rv i i		
				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		J	L					
						1	 					
		Cost an	d Benefit S	Stream		]	[		Cost an	d Benefit St	ream	
	Upazila	2	in a sa sa s	Stream No.	7			Upaziła	Cost an KACHI	1	ream No.	8
	Upazila Name of Road	Cost an KACHU RR-5	in a sa sa s		7			Name of Road	KACHU RR-6	JA		8
	-	KACHU RR-5	JA		7			Name of Road Length of Road	KACHU RR-6 20.0 1	JA		8
	Name of Road	KACHU RR-5	JA		7			Name of Road	KACHU RR-6 20.0 1 80,106	JA		8
	Name of Road Length of Road	KACHU RR-5 1 12.0 61,757	JA	No.	7			Name of Road Length of Road	KACHU RR-6 20.0 1 80,106	JA		8
	Name of Road Length of Road Cost	KACHU RR-5 61,757 1 17.0	JA Km	No.	7			Name of Road Length of Road Cost Unit O&M Cos Benefit T	KACHU RR-6 20.0 1 80,106 1 17.0 541.0	JA Km <u>O&amp;M Cost</u>	No. 340.0	8
	Name of Road Length of Road Cost Unit O&M Cos	KACHU RR-5 61,757 1 17.0 5 399.0	JA Km	No. 204.0	7 7 (1) Taka			Name of Road Length of Road Cost Unit O&M Cos Benefit T	KACHU RR-6 20.0 1 80.106 1 17.0	JA Km	No. 340.0	
	Name of Road Length of Road Cost Unit O&M Cost Benefit	KACHU RR-5 61,757 1 17.0 7 399.0 4 2,363.0	JA Km O&M Cost	No. 204.0	7 00 Taka)			Name of Road Length of Road Cost Unit O&M Cos Benefit T	KACHU RR-6 20.0 1 80,106 1 17.0 541.0 (2,377.0	JA Km <u>O&amp;M Cost</u>	No. 340.0	
Yce	Name of Road Length of Road Cost Unit O&M Cos Benefit	KACHU RR-5 12.0 61,757 17.0 7 399.0 A 2,363.0 Cost	JA Km <u>O&amp;M Cost</u> <u>10.00 2</u>	No. 204.0	7 00 Taka) Net Benefit		Year	Name of Road Length of Road Cost Unit O&M Cos Bepefit T A	KACHU RR-6 20.0 1 80,106 1 17.0 541.0 2,377.0 Cost	JA Km <u>O&amp;M Cost</u>	No. 340.0	
Ycs	Name of Road Length of Road Cost Unit O&M Cos Benefit	KACHU RR-5 12.0 61,757 17.0 7 399.0 A 2,363.0 Cost	JA Km O&M Cost	No. 204.0 5 (Unit : 1,0			Year	Name of Road Length of Road Cost Unit O&M Cos Bepefit T A	KACHU RR-6 20.0 1 80,106 1 17.0 541.0 2,377.0 Cost	JA Km <u>0&amp;M Cost</u> 10.00 5	No. 340.0 (Unit : 1,00	10 Taka)
	Name of Road Length of Road Cost Unit O&M Cos Benefit 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	KACHU RR-5 61,757 t 17.0 7 399.0 A 2,363.0 Cost Cost	JA Km <u>0&amp;M Cost</u> <u>10.00 9</u> ToteT	No. 204.0 (Unit : 1,0 Benefit	Net Benefit		Year	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	KACHU RR-6 20.0 1 80,106 1 17.0 541.0 2,377.0 Cost O&M	JA Km <u>0&amp;M Cost</u> 10.00 5	No. 340.0 (Unit : 1,00	0 Taks) Net Benefit -80,106
. 	Name of Road Length of Road Cost Unit O&M Cos Benefit r Construction Cost 1 61,757	KACHU RR-5 61,757 1 17.0 7 399.0 A 2,363.0 Cost a O&M Cost 0	JA <u>O&amp;M Cost</u> <u>10.00 9</u> <u>Tota</u> <u>61,757</u>	No. 204.0 (Unit : 1,0 Benefit 0.0	Net Benefit -61,757			Name of Road Length of Road Cost Unit O&M Cos Bepefit T A Construction	KACHU RR-6 20.01 80,106 1 17.0 541.0 2,377.0 Cost Cost O&M Cost 0 340	JA Kan <u>O&amp;M Cost</u> <u>10.00 5</u> Total 80,106 340	No. 340.0 6 (Unit : 1,00 Benefit 0.0 2,918.0	0 Taks) Net Benefit -80,106 2,578
	Name of Road Length of Road Cost Unit O&M Cos Benefit 1 4 r Construction Cost 1 61,757 2	KACHU RR-5 12.0 61,757 1.17.0 7 399.0 A 2,363.0 Cost a O&M Cost 0 204 204	JA <u>O&amp;M Cost</u> 10.00 % Total 61,757 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3	Net Benefit -61,757 2,558 2,794		1 2 3	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	KACHU RR-6 20.01 80,106 1 17.0 541.0 2,377.0 Cost Cost Cost Cost 0 & M Cost 0 340 340	JA Km <u>O&amp;M Cost</u> <u>10.00 5</u> Total 80,106 340 340	No. 340.0 6 (Unit : 1,00 Benefit 0,0 2,918.0 3,155.7	0 Takø) Net Benefit -80,106 2,578 2,816
	Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 r Construction Cost 1 61,757 2 3	KACHU RR-5 4 12.0 61,757 t 17.0 5 399.0 4 2,363.0 Cost Cost Cost Cost 0 204 204 204 204	JA <u>O&amp;M Cost</u> 10.00 % Total 61,757 204 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2	Net Benefit -61,757 2,558 2,794 3,054		1 2 3 4	Name of Road Length of Road Coat Unit O&M Cos Bepefit T A Construction Cost 80,106	KACHU RR-6 20.01 80,106 t 17.0 541.0 2.377.0 Cost Cost 0 340 340 340	JA <u>C&amp;M Cost</u> 10.00 5 Total 80,106 340 340	No. 340.0 6 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,417.2	0 Taks) Net Benefit -80,106 2,578 2,816 3,077
	Name of Road Length of Road Cost Unit O&M Cos Benefit 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 8 8 8 8	KACHU RR-5 4 12.01 61,757 t 17.0 5 399.0 A 2,363.0 Cost Cost Cost 0 204 204 204 204 204	JA <u>O&amp;M Cost</u> 10.00 9 Total 61,757 204 204 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2	Net Benefit -61,757 2,558 2,794 3,054 3,340		1 2 3 4 5	Name of Road Length of Road Cost Unit O&M Cos Bevefit T A Construction Cost 80,106	KACHU RR-6 20.01 80,106 t 17.0 541.0 2,377.0 Cost Cost Cost O&M Cost 0 340 340 340 340 340	JA <u>C&amp;M Cost</u> <u>10.00 5</u> Total 80,106 340 340 340	No. 340.0 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,417.2 3,704.8	0 Taks) Net Benefit -80,106 2,578 2,816
	Name of Road Length of Road Cost Unit O&M Cos Benefit 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	KACHU RR-5 12.01 61,757 12 17.0 7 399.0 2,363.0 Cost Cost Cost 0 204 204 204 204 204 204 204	JA Km 0.&M Cost 10.00 9 Total 61,757 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,558.7	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,655		1 2 3 4	Name of Road Length of Road Coat Unit O&M Cos Bepefit T A Construction Cost 80,106	KACHU RR-6 20.01 80,106 t 17.0 541.0 2.377.0 Cost Cost 0 340 340 340	JA <u>C&amp;M Cost</u> 10.00 5 Total 80,106 340 340	No. 340.0 6 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,417.2	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365
	Name of Road Length of Road Cost Unit O&M Cos Benefit 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 8 8 8 8	KACHU RR-5 4 12.01 61,757 t 17.0 5 399.0 A 2,363.0 Cost Cost Cost 0 204 204 204 204 204	JA Km 0&M Cost 10.00 % Total 61,757 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2 3,858.7 4,204.6 4,585.2	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,655 4,001 4,381		1 2 3 4 5 6 7 8	Name of Road Length of Road Coat Unit O&M Cos Bepefit T A Construction Cost 80,106	KACHU RR-6 20.01 80,106 1 17.0 541.0 2,377.0 Cost Cost Cost Cost 0 340 340 340 340 340 340 340 340	JA Km <u>O&amp;M Cost</u> 10.00 5 Totel 80,106 340 340 340 340 340 340 340 340	No. 340.0 (Unit : 1,00 Benefit 0,0 2,918.0 3,155.7 3,417.2 3,704.8 4,021.2 4,369.2 4,752.0	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365 3,681 4,029 4,412
	Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 3 4 5 6 7 8	KACHU RR-5 12.0 61,757 12.0 61,757 12.0 5399.0 2,363.0 Cost Cost Cost 0 204 204 204 204 204 204 204	JA Km 0.00 % 10.00 % Total 61,757 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2 3,858.7 4,204.6 4,585.2 5,003.8	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,655 4,001 4,381 4,800		1 2 3 4 5 6 7 8 9	Name of Road Length of Road Cost Unit O&M Cos Bevefit T A Construction Cost 80,105	KACHU RR-6 20.01 80,106 1 17.0 541.0 2.377.0 Cost Cost Cost 0 340 340 340 340 340 340 340 340 340 3	JA Km <u>O&amp;M Cost</u> 10.00 5 Totel 80,106 340 340 340 340 340 340 340 340	No. 340.0 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,417.2 3,704.8 4,021.2 4,369.2 4,752.0 5,173.1	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365 3,681 4,029 4,412 4,833
	Name of Road Length of Road Cost Unit O&M Cos Benefit 7 7 7 7 7 7 7 7 7 7 7 7 8 8 9 9	KACHU RR-5 12.01 61,757 12.01 12.01 61,757 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01	JA <u>O&amp;M Cost</u> 10.00 9 TotaT 61,757 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2 3,858.7 4,204.6 4,585.2 5,003.8 5,464.3	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,655 4,001 4,381 4,800 5,260		1 2 3 4 5 6 7 8 9 10	Name of Road Length of Road Cost Unit O&M Cos Bevefit T A Construction Cost 80,105	KACHI RR-6 20.01 80,106 1 17.0 541.0 2,377.0 Cost Cost O&M Cost 0 340 340 340 340 340 340 340 340 340 3	JA Km 0&M Cost 10.00 5 Total 80,106 340 340 340 340 340 340 340 340	No. 340.0 6 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,417.2 3,704.8 4,021.2 4,369.2 4,752.0 5,173.1 5,636.3	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365 3,681 4,029 4,412 4,833 5,296
	Name of Road Length of Road Cost Unit O&M Cos Benefit 7 7 7 7 7 8 8 9 9 9	KACHU RR-5 12.0 61,757 17.0 7399.0 2,363.0 Cost 0 204 204 204 204 204 204 204	JA Km O&M Cost 10.00 % Total 61,757 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2 3,858.7 4,204.6 4,585.2 5,464.3 5,464.3 5,464.3	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,655 4,001 4,381 4,800 5,260 5,767		1 2 3 4 5 6 7 8 9	Name of Road Length of Road Cost Unit O&M Cos Bepefit T A Construction Cost 80,106	KACHU RR-6 20.01 80,106 1 17.0 541.0 2.377.0 Cost Cost Cost 0 340 340 340 340 340 340 340 340 340 3	JA Km <u>O&amp;M Cost</u> 10.00 5 Totel 80,106 340 340 340 340 340 340 340 340	No. 340.0 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,417.2 3,704.8 4,021.2 4,369.2 4,752.0 5,173.1	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365 3,681 4,029 4,412 4,833 5,296 5,806 6,366
	Name of Road Length of Road Cost Unit O&M Cos Benefit 1 4 r Coastructio Cost 1 61,757 2 3 4 5 5 6 7 8 9 9	KACHU RR-5 12.01 61,757 12.01 12.01 61,757 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01 12.01	JA <u>O&amp;M Cost</u> 10.00 9 TotaT 61,757 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2 3,558.7 4,204.6 4,585.2 5,003.8 5,464.3 5,970.8 6,528.0 7,140.9	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,655 4,001 4,381 4,800 5,260 5,767 6,324 6,937		1 2 3 4 5 6 7 7 8 9 9 10 11 12 13	Name of Road Length of Road Cost Unit O&M Cos Bevefit T A Construction Cost 80,106	KACHU RR-6 20.01 80,106 17.0 541.0 2,377.0 Cost Cost Cost Cost Cost 0 340 340 340 340 340 340 340 340 340 3	JA Km <u>O&amp;M Cost</u> 10.00 9 Totef 80,106 340 340 340 340 340 340 340 340 340 340	No. 340.0 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,417.2 3,704.8 4,021.2 4,369.2 4,752.0 5,173.1 5,636.3 6,145.8 6,706.3 7,322.9	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365 3,681 4,029 4,412 4,833 5,296 5,806 6,366 6,366 6,983
	Name of Road Length of Road Cost Unit O&M Cos Benefit 1 7 7 7 7 8 8 9 9 9 9 1 2 2 3 4	KACHU RR-5 12.0 61,757 12.0 61,757 12.0 399.0 2,363.0 Cost Cost Cost 0 204 204 204 204 204 204 204	JA Km <u>0&amp;M Cost</u> 10.00 9 Total 61,757 204 204 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2 3,858.7 4,204.6 4,585.2 5,003.8 5,464.3 5,970.8 6,528.0 7,140.9 7,815.1	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,655 4,001 4,381 4,800 5,260 5,767 6,324 6,337 7,611		1 2 3 4 5 6 7 7 8 9 9 10 11 11 12 13 14	Name of Road Length of Road Cost Unit O&M Cos Bevefit T A Construction Cost 80,105	KACHU RR-6 20.01 80,106 1 17.0 541.0 2.377.0 Cost Cost 0 340 340 340 340 340 340 340 340 340 3	JA Km <u>O&amp;M Cost</u> 10.00 5 Totel 80,106 340 340 340 340 340 340 340 340 340 340	No. 340.0 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,417.2 3,704.8 4,021.2 4,369.2 4,369.2 4,752.0 5,173.1 5,636.3 6,145.8 6,706.3 7,322.9 8,001.0	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365 3,681 4,029 4,412 4,833 5,296 5,806 6,366 6,366 6,983 7,661
	Name of Road Length of Road Cost Unit O&M Cos Benefit 7 7 7 7 7 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9	KACHU RR-5 12.0 61,757 17.0 7399.0 2,363.0 Cost Cost 0 204 204 204 204 204 204 204	JA Km O&M Cost 10.00 9 Total Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Co	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2 3,858.7 4,204.6 4,585.2 5,003.8 5,464.3 5,970.8 6,528.0 7,140.9 7,815.1 8,556.7	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,340 3,655 4,001 4,381 4,800 5,260 5,767 6,324 6,937 7,611 8,353		1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14 14 15	Name of Road Length of Road Cost Unit O&M Cos Bevefit T A Construction Cost 80,106	KACHU RR-6 20.01 80.106 1 17.0 541.0 2,377.0 Cost O&M Cost 0 340 340 340 340 340 340 340 340 340 3	JA Km <u>O&amp;M Cost</u> 10.00 5 Total 80,106 340 340 340 340 340 340 340 340	No. 340.0 6 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,174.8 4,021.2 4,369.2 4,752.0 5,173.1 5,636.3 6,145.8 6,706.3 7,322.9 8,001.0 8,747.0	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365 3,681 4,029 4,412 4,833 5,296 5,806 6,366 6,366 6,983 7,661 8,407
	Name of Road Length of Road Cost Unit O&M Cos Benefit 7 7 7 7 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	KACHU RR-5 12.0 61,757 17.0 7399.0 2,363.0 Cost 0 204 204 204 204 204 204 204	JA Km O&M Cost 10.00 % Total 61,757 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2 3,858.7 4,204.6 4,585.2 5,970.8 5,464.3 5,970.8 6,528.0 7,140.9 7,815.1 8,556.7 9,372.5	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,655 4,001 4,381 4,800 5,260 5,767 6,324 6,937 7,611 8,353 9,168		1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 14 5 16	Name of Road Length of Road Cost Unit O&M Cos Bepefit T A Construction Cost 80,106	KACHU RR-6 20.01 80,106 1 17.0 541.0 2.377.0 Cost Cost 0 340 340 340 340 340 340 340 340 340 3	JA Km <u>O&amp;M Cost</u> 10.00 5 Totel 80,106 340 340 340 340 340 340 340 340 340 340	No. 340.0 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,417.2 3,704.8 4,021.2 4,369.2 4,369.2 4,752.0 5,173.1 5,636.3 6,145.8 6,706.3 7,322.9 8,001.0	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365 3,681 4,029 4,412 4,833 5,296 5,806 5,806 6,366 6,983 7,661 8,407 9,228 10,130
	Name of Road Length of Road Cost Unit O&M Cos Benefit 1 4 7 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	KACHU RR-5 12.0 61,757 17.0 7399.0 2,363.0 Cost Cost 0 204 204 204 204 204 204 204	JA Km O&M Cost 10.00 9 Total Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Co	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2 3,858.7 4,204.6 4,585.2 5,003.8 5,464.3 5,970.8 6,528.0 7,140.9 7,815.1 8,556.7	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,340 3,655 4,001 4,381 4,800 5,260 5,767 6,324 6,937 7,611 8,353		1 2 3 4 5 6 7 9 10 11 11 13 13 14 15 16 17 18	Name of Road Length of Road Cost Unit O&M Cos Bevefit T A Construction Cost 80,106	KACHU RR-6 20.01 80,106 17.0 541.0 2,377.0 Cost Cost Cost Cost Cost 0 340 340 340 340 340 340 340 340 340 3	JA Km <u>O&amp;M Cost</u> 10.00 5 Total 80,106 340 340 340 340 340 340 340 340	No. 340.0 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,417.2 3,704.8 4,021.2 4,369.2 4,752.0 5,173.1 5,636.3 6,145.8 6,706.3 7,322.9 8,001.0 8,747.0 9,567.7 10,470.3 11,463.3	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365 3,681 4,029 4,412 4,833 5,296 5,806 6,5806 6,5805 6,983 7,661 8,407 9,228 10,130 11,123
	Name of Road Length of Road Cost Unit O&M Cos Benefit 1 Coastruction Cost 1 61,757 2 3 4 5 5 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	KACHU RR-5 12.01 61,757 399.0 2,363.0 2,363.0 2,363.0 2,363.0 2,363.0 2,363.0 2,363.0 2,363.0 2,363.0 2,363.0 2,04 2,04 2,04 2,04 2,04 2,04 2,04 2,0	JA Km O&M Cost 10.00 9 Total Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Co	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2 3,858.7 4,204.6 4,585.2 5,003.8 5,464.3 5,970.8 6,528.0 7,140.9 7,815.1 8,556.7 9,372.5 10,269.8 11,256.9 12,342.7	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,655 4,001 4,381 4,800 5,260 5,767 6,324 6,937 7,611 8,353 9,168 10,056 11,053 12,139		1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14 15 16 17 7 7 8 9 9 9 10 11 12 13 14 15 16 16 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	Name of Road Length of Road Cost Unit O&M Cos Bevefit T A Construction Cost 80,105	KACHI RR-6 20.01 80,106 1 17.0 541.0 2,377.0 Cost 0&M Cost 0 340 340 340 340 340 340 340 340 340 3	JA Km <u>O&amp;M Cost</u> 10.00 5 Total 80,106 340 340 340 340 340 340 340 340	No. 340.0 (Unit : 1,00 2,918.0 3,155.7 3,104.8 4,021.2 4,369.2 4,752.0 5,173.1 5,636.3 6,145.8 6,706.3 7,322.9 8,001.0 8,747.0 9,567.7 10,470.3 11,463.3 12,555.5	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365 3,681 4,029 4,412 4,833 5,296 5,806 6,366 6,366 6,366 6,383 7,661 8,407 9,228 10,130 11,123 12,215
	Name of Road Length of Road Cost Unit O&M Cos Benefit 1 7 Coastruction Cost 1 61,757 2 3 4 5 6 7 8 9 9 0	KACHU RR-5 12.0 61,757 17.0 7 399.0 4 2,363.0 7 399.0 4 2,363.0 7 399.0 7 2,363.0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7	JA Km 0&M Cost 10.00 % Total 61,757 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,0 Benefit 0.0 2,762.0 2,998.3 3,258.2 3,544.2 3,858.7 4,204.6 4,585.2 5,003.8 5,464.3 5,970.8 5,464.3 5,970.8 5,464.3 5,970.8 5,56.7 9,372.5 10,269.8 11,256.9	Net Benefit -61,757 2,558 2,794 3,054 3,340 3,655 4,001 4,381 4,800 5,260 5,767 6,324 6,937 7,611 8,353 9,168 10,066 11,053		1 2 3 4 5 6 7 9 10 11 11 13 13 14 15 16 17 18	Name of Road Length of Road Cost Unit O&M Cos Bevefit T A Construction Cost 80,105	KACHU RR-6 20.01 80,106 17.0 541.0 2,377.0 Cost 0 340 340 340 340 340 340 340 340 340 3	JA Km <u>O&amp;M Cost</u> 10.00 5 Total 80,106 340 340 340 340 340 340 340 340	No. 340.0 (Unit : 1,00 Benefit 0.0 2,918.0 3,155.7 3,417.2 3,704.8 4,021.2 4,369.2 4,752.0 5,173.1 5,636.3 6,145.8 6,706.3 7,322.9 8,001.0 8,747.0 9,567.7 10,470.3 11,463.3	0 Taka) Net Benefit -80,106 2,578 2,816 3,077 3,365 3,681 4,029 4,412 4,833 5,296 5,806 6,5806 6,5805 6,983 7,661 8,407 9,228 10,130 11,123

#### Table G.1.13 Calculation Table for IRR (Kachua Upazila) (2/10)

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#### Table G.1.13 Calculation Table for IRR (Kachua Upazila) (3/10)

		Cost and I	seacht 21	ream	
	Uparila	KACHUA	5. S.	No.	9
	Name of Road	RR-7	•		
	Length of Road	11.5 Km			
	renkin or kosa	11.7 Au			
	Cost	52,787			
	Unit O&M Cost	17.0 0	&M Cost	195.5	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -
	Benefit T	176.0			· · · · ·
:	A	772.0	10.00 %	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 19	
				(Unit : 1,0	00 Taka)
		Cost			
Year	Construction	O&M	Total	Benefit	Net Beach
	Cost	Cost			1.1
	10.000		60 707	0.0	-52,78
1	•	0 196	52,787 196	948.0	-52,18 75
2		196	196	1,025.2	83
3		196	196	1,110.1	91
5		196	196	1,203.5	1,00
6		196	196	1,306.3	1,11
· 7		196	196	1,419.3	1,22
8		196	196	1,543.6	1,34
9		196	196	1,680.4	1,48
10	e i da la	196	196	1,830.9	1,63
11		196	196	1,996.3	1,80
12		196	196	2,178.4	1,98
13		196	196	1,378.6	2,18
14		196	196	2,598.9	2,40 2,64
15		196	196	2,841.2	2,91
16 17		196 196	196 196	3,107.7 3,400.8	3,20
18		196	196	3,723.3	3,52
19		196	196	4,078.1	3,88
					4,27
		196	196	9.405.3	4.47.
	IRR =	-3 %	196	4,468.3	4,21,
					4,21.
- 20	IRR =	-3 % Cost and H KACHUA	Benefit St		<u>4</u> ,2,
	IRR = Upazils Name of Road	-3 % Cost and F KACHUA RR-9	Benefît Si	ream	
- 20	IRR =	-3 % Cost and H KACHUA	Benefît Si	ream	
- 20	IRR = Upazils Name of Road	-3 % Cost and F KACHUA RR-9	Benefît Si	ream	
	IRR = Upazile Name of Road Length of Road Cost	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315	Benefît St	ream No.	
- 20	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost	-3 % Cost and H KACHUA RR-9 11.0 Km 60,315 17.0 0	Benefît Si	ream	
- 20	IRR = Upazile Name of Road Length of Road Cost Unit O&M Cost Benefit T	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 188.0	Benefit Si	ream No.	
- 20	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost	-3 % Cost and H KACHUA RR-9 11.0 Km 60,315 17.0 0	Benefit Si A&M Cost 10.00 %	ream No. 187.0	<u>11</u>
- 20	IRR = Upazile Name of Road Length of Road Cost Unit O&M Cost Benefit T	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 188.0	Benefit Si A&M Cost 10.00 %	ream No.	<u>11</u>
Year	IRR = Upazile Name of Road Length of Road Cost Unit O&M Cost Benefit T	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 O 188.0 1,266.0 Cost	Benefit Si A&M Cost 10.00 %	ream No. 187.0	<u>11</u> 00 Teka)
Year	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 O 188.0 1,266.0 Cost Cost Cost	Benefit Si A&M Cost 10.00 %	ream No. 187.0 (Unit : 1,0 Benefit	11 00 Taka) Net Benefi
Year	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 O 188.0 1,266.0 Cost Cost Cost O&M Cost	Benefit Si <u>8&amp;M Cost</u> 10.00 % Total 60,315	ream No. 187.0 (Unit : 1,0 Benefit 0.0	11 00 Taka) Net Benefi -60,31:
Year	IRR = Upaziis Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 C 188.0 1,266.0 Cost Cost Cost Cost Cost Cost Cost Cost	Benefit Sf & M Cost 10.00 % Total 60,315 187	FEATTI No. 187.0 (Unit : 1,0 Benefit 0.0 1,454.0	11 00 Teka) Net Benefi -60,31: 1,26
Year	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 O 188.0 1,266.0 Cost Cost Cost O&M Cost	Benefit Si <u>8&amp;M Cost</u> 10.00 % Total 60,315	ream No. 187.0 (Unit : 1,0 Benefit 0.0	11 00 Teka) Net Benefi 1,26' 1,39
Year 1 2 3	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 C0 188.0 1,266.0 Cost Cost Cost Cost Cost Cost Cost Cost	Benefit Sf M&M Cost 10.00 % Total 60,315 187 187	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,454.0 1,580.6	11 00 Teka) Net Benefi 1,26 1,33 1,53 1,68
Year 1 1 2 3 3 4	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Henefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 CO 188.0 1,266.0 Cost Cost Cost Cost Cost Cost Cost Cost	Benefit Sf Benefit Sf 10.00 % Total 60,315 187 187 187	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,454.0 1,580.6 1,719.9	11 00 Taka) Net Benefi 1,26 1,39 1,53 1,68 1,85
Year 1 2 3 3 4 5	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 O 188.0 1,266.0 Cost Cost Cost Cost Cost Cost Cost Cost	Benefit Sf 26.00 % 10.00 % 10.00 % 10.00 % 10.00 % 10.01 %	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,454.0 1,580.6 1,719.9 1,873.0 2,041.6 2,226.9	11 00 Taka) Net Benefi 1,26 1,39 1,53 1,68 1,85 2,04
Year 11 2 3 3 4 4 5 6 6 6 7 7 8 8	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Unit O&M Cost Benefit T Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 C0 188.0 1,266.0 Cost Cost Cost Cost Cost Cost Cost Cost	Benefit St Benefit St 10.00 % Total 60,315 187 187 187 187 187 187 187	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,580.6 1,719.9 1,873.0 2,041.6 2,226.9 2,2430.8	11 00 Teka) Net Benefi 1,26 1,39 1,53 1,68 1,85 2,04 2,24
Year 1 2 3 4 5 6 7 7 8 9 9	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 CO 188.0 1,266.0 Cost Cost Cost 0 2 Cost 0 187 187 187 187 187 187 187 187	Benefit Si Benefit Si 10.00 % Total 60,315 187 187 187 187 187 187 187 187	ream No. 187.0 (Unit : 1,0 Benefit 1,454.0 1,580.6 1,719.9 1,873.0 2,041.6 2,226.9 2,430.8 2,430.8 2,455.1	11 00 Teka) Net Benefi 1,26 1,39 1,53 1,68 1,85 2,04 2,24 2,24
Year 1 2 3 4 5 5 6 7 7 8 9 9	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 O 188.0 1,266.0 Cost Cost Cost Cost Cost Cost Cost Cost	Benefit Si 2000 % Total 60,315 187 187 187 187 187 187 187 187	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,580.6 1,719.9 1,873.0 2,041.6 2,226.9 2,430.8 2,655.1 2,901.8	11 00 Teka) Net Benefi 1,26 1,33 1,68 1,85 2,04 2,24 2,24 2,24 2,24 2,24 2,24
Year 1 2 3 4 4 5 6 6 7 7 8 8 9 10	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 O 188.0 1,266.0 Cost O&M Cost O 887 187 187 187 187 187 187 187 187 187	Benefit Si 282 M Cost 10.00 % 10.00 % 10.00 % 187 187 187 187 187 187 187 187	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,454.0 1,580.6 1,719.9 1,873.0 2,041.6 2,226.9 2,430.8 2,655.1 2,901.8 3,173.2	11 00 Taka) Net Benefi 1,26 1,39 1,53 1,68 1,85 2,04 2,24 2,46 2,71 2,98
Year 1 2 3 4 4 5 6 6 7 7 8 9 9 10 11 12	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 C 188.0 1,266.0 Cost Cost Cost Cost Cost 0 87 187 187 187 187 187 187 187 187 187	Benefit St Benefit St 10.00 % Total 60,315 187 187 187 187 187 187 187 187	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,454.0 1,580.6 1,719.9 1,873.0 2,041.6 2,226.9 2,230.8 2,265.1 2,201.8 3,173.2 3,173.7	11 00 Teka) Net Benefit 1,26 1,39 1,53 1,68 1,85 2,044 2,24 2,46 2,711 2,98 3,28
Year 1 2 3 4 4 5 6 6 7 7 8 9 9 10 11 11 12 13	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 CO 188.0 1,266.0 Cost Cost Cost 0 187 187 187 187 187 187 187 187	Benefit Si Benefit Si 10.00 % Total 60,315 187 187 187 187 187 187 187 187 187 187	Feam No. 187.0 (Unit : 1,0 Benefit 1,580.6 1,719.9 1,873.0 2,041.6 2,226.9 2,430.8 2,655.1 2,901.8 3,173.2 3,471.7 3,800.0	11 00 Teka) Net Benefi 1,26 1,39 1,53 1,68 1,85 1,85 1,85 1,85 1,85 1,85 1,85 1,8
Year 1 2 3 4 4 5 6 6 7 7 8 9 9 10 11 11 12 13 14	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 O 188.0 1,266.0 Cost Cost Cost 0 187 187 187 187 187 187 187 187	Benefit Si 20.00 % Total 60,315 187 187 187 187 187 187 187 187	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,454.0 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,580.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6 1,590.6	11 00 Teka) Net Benefi 1,26 1,39 1,53 1,68 1,85 2,04 2,24 2,24 2,24 2,24 2,24 2,24 2,24
Year 1 2 3 4 4 5 6 6 7 7 8 9 10 11 11 12 13 14 4 15	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 O 188.0 1,266.0 Cost Cost Cost 0 187 187 187 187 187 187 187 187	Benefit Si 2000 % Total 10.00 % Total 60,315 187 187 187 187 187 187 187 187	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,580.6 1,719.9 1,873.0 2,041.6 2,226.9 2,430.8 2,655.1 2,901.8 3,173.2 3,471.7 3,800.0 4,161.3 4,558.6	11 00 Teka) Net Benefi 1,26 1,33 1,53 1,68 1,85 2,04 2,24 2,24 2,24 2,24 2,24 2,24 2,24
Year 1 2 3 4 4 5 6 6 7 7 8 9 10 11 11 12 13 14 15 16	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 O 188.0 1,266.0 Cost O 187 187 187 187 187 187 187 187	Benefit St Benefit St 10.00 % Total 60,315 187 187 187 187 187 187 187 187	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,454.0 1,580.6 1,719.9 1,873.0 2,041.6 1,580.6 1,719.9 2,430.8 2,226.9 2,430.8 2,265.1 2,901.8 2,3173.2 3,173.2 3,171.7 3,800.0 4,161.3 4,558.6	11 00 Taka) Net Benefi 1,26 1,39 1,53 1,68 1,85 2,04 2,24 2,46 2,71 2,98 3,28 3,61 3,97 4,37 4,80
Year 1 2 3 4 4 5 6 6 7 7 8 9 9 10 11 11 12 13 14 15 16 17 17	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 CO 188.0 1,266.0 Cost Cost Cost Cost 0 187 187 187 187 187 187 187 187	Benefit St Benefit St 10.00 % Total 60,315 187 187 187 187 187 187 187 187	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,454.0 1,580.6 1,719.9 1,873.0 2,041.6 2,226.9 2,430.8 2,655.1 2,901.8 3,173.2 2,430.8 2,655.1 2,901.8 3,173.7 3,800.0 4,151.3 4,558.6 4,995.6 5,476.4	11 00 Teka) Net Benefi 1,26 1,39 1,53 1,68 1,85 1,85 1,85 1,68 1,85 1,85 1,85 1,85 1,85 1,85 1,85 1,8
Year 1 2 3 4 4 5 6 6 7 7 8 9 10 11 11 12 13 14 15 16	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,315	-3 % Cost and F KACHUA RR-9 11.0 Km 60,315 17.0 O 188.0 1,266.0 Cost O 187 187 187 187 187 187 187 187	Benefit St Benefit St 10.00 % Total 60,315 187 187 187 187 187 187 187 187	ream No. 187.0 (Unit : 1,0 Benefit 0.0 1,454.0 1,580.6 1,719.9 1,873.0 2,041.6 1,580.6 1,719.9 2,430.8 2,226.9 2,430.8 2,265.1 2,901.8 2,3173.2 3,173.2 3,171.7 3,800.0 4,161.3 4,558.6	<u>11</u>

0%

IRR =

		Cost and	d Benefit St	ream	
1	Upazila	KACHU	A	No.	10
· · · 1	Name of Road	RR-8			. ]
	Length of Road	6.5 }	(m		
	Cost	42,647			
, i	Unit O&M Cos	t 17.0	O&M Cost	110.5	
	Benefit T	87.0			· · ·
	P	1,150.0	10.00 %		
				(Unit : 1,00	) Tska)
		Cost			
Year	Construction	O&M	Total	Benefit	Net Benefit
	Cost	Cost			
1	42,647	0	42,647	0.0	-42.647
2		m	111	1,237.0	1,127
3		m	111	1,352.0	1,242
4		- 111	111	1,478.5	1,368
5		· 111	111	1,617.7	1,507
6		111	.111	1,770.7	1,660
7		111	111	1,939.1	1,829
8		111	111	2,124.3	2,014
9		111	111	2,328.0	2,218
10		111	111	2,552.1	2,442
11		. 111	111	2,798.6	2,688
12		111	111	3,069.8	2,959
13		111	111	3,368.1	3,258
14		111	111	3,696.2	3,586
. 15		111	111	4,057.1	3,947
- 16		111	111	4,454.1	4,344
17		. 111	111	4,890.8	4,780
18		111	111	5,371.2	5,261
19		111	111	5,899.6	5,789
20		111	111	6,480.9	6,370
	IRR =	2 5	8		

		( ) 	Cost and	Benefit St	ream	
	Upazila	. 1	KACHU	A'	No. 1	2
	Name of R	oed )	RR-10		· · · · ·	-
	Length of I	Road	8.0 K	ញ ្		
	Cost		44,693			
-	Unit O&M	Cost	17.0	O&M Cost	136.0	
	Benefit	τ	192.0		· · · · · ·	
:	Denorm	Ā	1,926.0	10.00 %	5	•
					(Unit : 1,000	) Taka)
			Cost			
Year	Construc	tion (		Total	Beacht	Net Benefit
	Cost		Cost			
						-44,693
· 1	44,6	93	0	44,693	0.0	-44,69: 1,982
2 3		· ·	136	136	2,118.0 2,310.6	2,175
			136	136 136	2,522.5	2,380
- 4 - 5			136	130	2,755.5	2,620
			136	136	3.011.9	2,876
6			136	136	3,293.8	3,158
. 7		8 . j.e.	136 136	136	3,295.6 3.604.0	3,468
÷ 9			136	136	3,945.2	3,809
10		1.11	136	136	4.320.6	4,18
· 10		5	136	136	4,733.4	4,59
12			136	136	5.187.5	5,052
12			136	136	5,687.1	5,551
14			136	136	6.236.6	6,10
15		- e - 1	136	136	6.841.1	6,70
16			136	136	7,506.0	7,370
17			136	136	8.237.4	8,10
18			136	136	9,041.9	8,90
. 19			136	136	9,926.9	9,79
20	·	14 . L.	136	136	10,900.4	10,76
	IRR		7 %		• • •	- ,

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			· · · (	Kachua	Upazila)	(4/10)		t in t	- 1		
		Cost and	Benefit S					Cost an	d Benefit St	rcam	
-1									¥.a	No	
	Upazila	KACHU	A	<u>No.</u>	13		Upazila Name of Road	KACHU	un est	<u>No.</u>	<u></u>
	Name of Road	RR-11					Length of Rosc		Km	n sere a staater a	5
	Length of Road	9.0 1	un		ана стала 1911 — Пола	н. С			NUR V		
	Cost	53,160	series. Series		• • • •		Cost	61,455 n 17.0	O&M Cost	110.5	
	Unit O&M Cost		O&M Cost	153.0			Unit O&M Cos Benefit		Uncivi Cost		
	Benefit T		10.00 %		1. 			4,111.0	10.00 2		
			·····	(Unit : 1,00	O Teka)					(Unit : 1,00	0 Taka)
Yea	r Construction Cost	Cost O&M Cost	Total	Benefit	Net Benefit	Yee	r Construction Cost	Cost 1 O&M Cost	Total	Benefit	Net Benefit
1	53,160	0	53,160	0.0	-53,160		61,455	0	61,455	0.0	-61,455
1	2	153	153	1,701.0	1,548		2	111:		4,595.0 5,006.1	4,485
3		153 153	153 . 153	1,856.6 2,027.8	1,704	· .	3	111		5,458.3	5,348
. 5		155	153	2,216.0	2,063		5	111	111	5,955.7	5,845
. 6	5	153	153	2,423.1	2,270		5 7	- 111		6,502.9 7,104.8	6,392 6,994
1		153 153	153 153	2,651.0 2,901.5	2,498 2,749		<i>i</i> B	· 111	111	7,766.9	7,656
	9	153	153	3,177.2	3,024		9	111	111	8,495.2	8,385
10		153	153	3,480.4	3,327	1 1 1 1 1 1 1 1	0 .	111		9,296.3 10,177.5	9,186 10,067
11		153 153	153 153	3,814.0 4,180.9	3.661 4,028			111	111	11,146.9	11,036
- 13		153	153	4,584.4	4,431	- 1		111		12,213.2	12,103 13,276
14		153	153 153	5,028.4 5,516.7	4,875 5,364			111 111	-111	13,386.1 14,676.3	14,566
15		153 153	153	6,053.9	5,901	i		111	111	16,095.5	15,985
17	7	153	153	6,644.8	6,492	1		111	111	17,656.7 19,373.9	17,546 19,263
19		153 153	153 153	7,294.8 8,009.8	7,142			111	111	21,262.9	21,152
20		153	153	8,796.2	8,643	2		111	i iii	23,340.8	23,230
	IRR =	3 9		<b></b>			IRR =	12	%		
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		Cost on							A Damatta Di		
		COST CON	i Benefit S	itream			an an air an an An	Cost an	d Benefit St	ream	
· ·	Upazila	KACHU	· .		15		Upszila	KACHU	1997 - A.S.		<u>16</u>
	Name of Road	KACHU RR-13	A		<u>15</u>		Name of Road	KACHU RR-14	JÁ		<u>16</u>
		KACHU RR-13 5.5 I	A		15		Name of Road Length of Road	KACHU RR-14 1 8.01	JÁ		<u>16</u>
	Name of Road Length of Road Cost	KACHU RR-13 5.5 I 32,088	A Km	No.	<u>15</u>		Name of Road Length of Road Cost	KACHU RR-14 1 8.0 1 47,125	JA Km	No.	<u>16</u>
· ·	Name of Road Length of Road Cost Unit O&M Cost	KACHU RR-13 5.5 I 32,088 1, 17.0	A	No.	<u>15</u>		Name of Road Length of Road Cost Unit O&M Cost	KACHU RR-14 1 8.0 1 47,125 at 17.0	JÁ		<u>l6</u>
	Name of Road Length of Road Cost Unit O&M Cost Benefit T	KACHU RR-13 5.5 I 32,088 1, 17.0 117.0	A Km O&M Cost	No.	<u>15</u>		Name of Road Length of Road Cost Unit O&M Cost Benefit	KACHU RR-14 1 8.0 1 47,125 51 17.0 F 162.0	JA Km O&M Cost	No. 136.0	<u>l6</u>
	Name of Road Length of Road Cost Unit O&M Cost	KACHU RR-13 5.5 I 32,088 t, 17.0 117.0	A Km	No.			Name of Road Length of Road Cost Unit O&M Cost Benefit	KACHU RR-14 1 8.0 1 47,125 at 17.0	JA Km	No. 136.0	
	Name of Road Length of Road Cost Unit O&M Cost Benefit T	KACHU RR-13 5.5 I 32,088 1, 17.0 117.0	A Km O&M Cost	<u>No.</u> 93.5	0 Taka)		Name of Road Length of Road Cost Unit O&M Cos Benefit	KACHU RR-14 1 8.0 1 47,125 at 17.0 F 162.0 A 1,765.0 Cost	JA Km <u>O&amp;M Cost</u> 10,00 9	No. 136.0 {Unit : 1,00	0 Teka)
Yce	Name of Road Length of Road Cost Unit O&M Cos Benefit T A	KACHU RR-13 5.5 I 32,088 t, 17.0 117.0 1,716.0 Cost	A <u>O&amp;M Cost</u> 10.00 %	<u>No.</u> 93.5		Yes	Name of Road Length of Road Cost Unit O&M Cos Benefit Preference Cost	KACHU RR-14 1 8.0 1 47,125 at 17.0 F 162.0 A 1,765.0 Cost	JA <u>O&amp;M Cost</u> 10,00 9  Total	No. 136.0 (Unit : 1,00 Benefit	0 Taka) Net Benefit
1	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 32,088	KACHU RR-13 5.5 H 32,088 t, 17.0 117.0 1,716.0 Cost Cost Cost Cost 0	A <u>O&amp;M Cost</u> 10.00 % Total 32,088	<u>No.</u> 93.5 (Unit : 1,00 Benefit 0.0	0 Taka) Net Benefit -32,088		Name of Road Length of Road Cost Unit O&M Cos Benefit r Coastruction Cost 1 47,125	KACHU RR-14 1 8.0 1 47,125 at 17.0 F 162.0 A 1,765.0 Cost Cost Cost O & M Cost	JA <u>O&amp;M Cost</u> 10.00 9 Total 47,125	No. 136.0 (Unit : 1,00 Beaefit 0,0	0 Taka) Net Benefit -47,125
1	Name of Road Length of Road Cost Unit O&M Cos Benefit T A r Construction Cost 1 32,088	KACHU RR-13 5.5 F 32,088 1, 17.0 117.0 1,716.0 Cost 1 O&M Cost 0 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94	No. 93.5 (Unit : 1,00 Benefit 0.0 1,833.0	0 Taka) Net Benefit -32,088 1,740		Name of Road Length of Road Cost Unit O&M Cos Benefit 2 r Construction Cost 1 47,125 2	KACHU RR-14 1 8.0 1 47,125 34 17.0 F 162.0 A 1,765.0 Cost Cost Cost Cost Cost 0 136	JA <u>O&amp;M Cost</u> 10.00 9 Total 47,125 136	No. 136.0 (Unit : 1,00 Benefit	0 Taka) Net Benefit -47,125 1,791
1	Name of Road Length of Road Cost Unit O&M Cos Benefit T A r Construction Cost 32,088	KACHU RR-13 5.5 H 32,088 t, 17.0 117.0 1,716.0 Cost Cost Cost Cost 0	A <u>O&amp;M Cost</u> 10.00 % Total 32,088	<u>No.</u> 93.5 (Unit : 1,00 Benefit 0.0	0 Taka) Net Benefit -32,088		Name of Road Length of Road Cost Unit O&M Cos Benefit r Coastruction Cost 1 47,125	KACHU RR-14 1 8.0 1 47,125 at 17.0 F 162.0 A 1,765.0 Cost Cost Cost Cost Cost 0 136 136 136	JA <u>O&amp;M Cost</u> 10,00 9 Total 47,125 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0,0 1,927.0 2,103.5 2,297.7	0 Taka) Net Benefit -47,125 1,791 1,968 2,162
1	Name of Road Length of Road Cost Unit O&M Cos Benefit T A r Construction Cost 32,088	KACHU RR-13 5.5 F 32,088 t, 17.0 117.0 1,716.0 Cost Cost Cost 0 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94 94 94 94 94	No. 93.5 (Unit : 1,00) Benefit 0.0 1,833.0 2,004.6 2,193.4 2,401.0	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307		Name of Road Length of Road Cost Unit O&M Con Benefit P Construction Cost 1 47,125 2 3 4	KACHU RR-14 1 8.0 1 47,125 st 17.0 F 162.0 A 1,765.0 Cost Cost Cost 0 136 136 136 136	JA <u>O&amp;M Cost</u> 10,00 9 Total 47,125 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 1,927.0 2,103.5 2,297.7 2,511.2	0 Taka) Net Benefit -47,125 1,791 1,968 2,162 2,375
1 2 2 4 4 5 6	Name of Road Length of Road Cost Unit O&M Cos Benefit T A r Construction Cost 32,088	KACHU RR-13 5.5 F 32,088 1, 17.0 117.0 1,716.0 Cost 1 O&M Cost 0 94 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94 94 94 94 94 94 94 94	No. 93.5 (Unit : 1,00) Benefit 0.0 1,833.0 2,004.6 2,193.4 2,401.0 2,629.4	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307 2,536		Name of Road Length of Road Cost Unit O&M Cos Benefit Pr Construction Cost 44,125	KACHU RR-14 1 8.0 1 47,125 34 17.0 F 162.0 A 1,765.0 Cost Cost Cost O&M Cost 0 136 136 136 136 136	JA <u>O&amp;M Cost</u> 10,00 9 Total 47,125 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0,0 1,927.0 2,103.5 2,297.7	0 Taka) Net Benefit -47,125 1,791 1,968 2,162
1	Name of Road Length of Road Cost Unit O&M Cos Benefit T A r Construction Cost 1 32,088	KACHU RR-13 5.5 F 32,088 t, 17.0 117.0 1,716.0 Cost Cost Cost 0 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94 94 94 94 94	No. 93.5 (Unit : 1,00) Benefit 0.0 1,833.0 2,004.6 2,193.4 2,401.0	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307		Name of Road Length of Road Cost Unit O&M Cost Benefit 7 Costruction Cost 47,125 2 3 4 5 5 7	KACHU RR-14 47,125 at 17.0 F 162.0 A 1,765.0 Cost Cost Cost 0 136 136 136 136 136 136 136 136	JA Km <u>O&amp;M Cost</u> 10,00 9 Total 47,125 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Beaefit 0.0 1,927.0 2,103.5 2,297.7 2,511.2 2,746.1 3,004.6 3,288.8	0 Taka) Net Benefit -47,125 1,791 1,968 2,162 2,375 2,610 2,869 3,153
1 2 2 4 4 5 6 7 7 8 8 9	Name of Road Length of Road Cost Unit O&M Cost Benefit T A r Construction Cost 1 32,088	KACHU RR-13 5.5 I 32,088 I, 17.0 117.0 1,716.0 Cost Cost Cost Cost 0 94 94 94 94 94 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94 94 94 94 94 94 94 94 94 94	No. 93.5 (Unit : 1,00) Benefit 0.0 1,833.0 2,004.6 2,193.4 2,401.0 2,629.4 2,401.0 2,629.4 2,880.6 3,157.0 3,461.0	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307 2,536 2,787 3,063 3,367		Name of Road Length of Road Cost Unit O&M Con Benefit P Construction Cost 47,125 2 3 4 5 5 7 8	KACHU RR-14 1 8.0 1 47,125 at 17.0 F 162.0 A 1,765.0 Cost Cost Cost Cost 0 136 136 136 136 136 136 136 136	JA <u>O&amp;M Cost</u> 10,00 9 Total 47,125 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Beaefit 0,0 1,927.0 2,103.5 2,297.7 2,511.2 2,746.1 3,004.6 3,228.8 3,601.5	0 Taka) Net Benefit -47,125 1,791 1,968 2,162 2,375 2,610 2,869 3,153 3,465
1 2 2 2 4 4 5 6 6 7 7 8 8 9 10	Name of Road Length of Road Cost Unit O&M Cos Benefit T A r Construction Cost 1 32,088	KACHU RR-13 5.5 I 32,088 t, 17.0 117.0 1,716.0 Cost 0 94 94 94 94 94 94 94 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % 10.00 % Total 32,088 94 94 94 94 94 94 94 94 94 94	No. 93.5 (Unit : 1,00 Benefit 0.0 1,833.0 2,004.6 2,193.4 2,401.0 2,629.4 2,880.6 3,157.0 3,461.0 3,795.4	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307 2,536 2,787 3,063 3,367 3,702		Name of Road Length of Road Cost Unit O&M Con Benefit P Construction Cost 47,125 2 3 4 5 5 5 7 8 9 9	KACHU RR-14 1 8.0 1 47,125 st 17.0 F 162.0 A 1,765.0 Cost Cost Cost 0 136 136 136 136 136 136 136 136 136	JA Km <u>0&amp;M Cost</u> <u>10,00 9</u> Total 47,125 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Beaefit 0.0 1,927.0 2,103.5 2,297.7 2,511.2 2,746.1 3,004.6 3,288.8	0 Taka) Net Benefit -47,125 1,791 1,968 2,162 2,375 2,610 2,869 3,153
1 2 2 2 4 4 5 6 7 7 8 8 9	Name of Road Length of Road Cost Unit O&M Cos Benefit T A r Construction Cost 1 32,088	KACHU RR-13 5.5 I 32,088 I, 17.0 117.0 1,716.0 Cost Cost Cost Cost 0 94 94 94 94 94 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94 94 94 94 94 94 94 94 94 94	No. 93.5 (Unit : 1.00 Benefit 0.0 1,833.0 2,004.6 2,193.4 2,401.0 2,629.4 2,880.6 3,157.0 3,461.0 3,795.4 4,163.2 4,567.9	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307 2,536 2,787 3,063 3,367 3,702 4,070 4,474		Name of Road Length of Road Cost Unit O&M Cost Benefit 7 2 4 7 6 7 8 9 9 0 1 2	KACHU RR-14 4,125 47,125 47,125 47,125 1,765.0 F 162.0 A 1,765.0 Cost 0 136 136 136 136 136 136 136 136	JA Km <u>0&amp;M Cost</u> 10.00 9 Total 47,125 136 136 136 136 136 136 136 136	No. 136.0 (Uait : 1,00 Benefit 0.0 1,927.0 2,103.5 2,297.7 2,511.2 2,746.1 3,004.6 3,288.8 3,601.5 3,945.4 4,323.8 4,740.0	0 Teka) Net Benefit -47,125 1,791 1,968 2,162 2,375 2,610 2,869 3,153 3,465 3,809 4,188 4,604
1 2 2 4 5 6 7 8 8 9 9 10 11 12 13	Name of Road Length of Road Cost Unit O&M Cost Benefit T A r Construction Cost 1 32,088	KACHU RR-13 5.5 I 32,088 I, 17.0 117.0 1,716.0 Cost 1 O&M Cost Cost 0 94 94 94 94 94 94 94 94 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94 94 94 94 94 94 94 94 94 94	No. 93.5 (Unit : 1,00 Benefit 0.0 1,833.0 2,004.6 2,193.4 2,401.0 2,629.4 2,880.6 3,157.0 3,461.0 3,795.4 4,163.2 4,567.9 5,012.9	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307 2,536 2,787 3,063 3,367 3,702 4,070 4,474		Name of Road Length of Road Cost Unit O&M Cost Benefit 7 Cost 1 47,125 2 3 4 5 5 6 7 8 9 9 0 1	KACHU RR-14 47,125 at 17.0 F 162.0 A 1,765.0 Cost Cost Cost 0 136 136 136 136 136 136 136 136	JA Km <u>O&amp;M Cost</u> 10,00 9 Total 47,125 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Beaefit 0.0 1,927.0 2,103.5 2,297.7 2,511.2 2,746.1 3,004.6 3,288.8 3,601.5 3,945.4 4,323.8 4,740.0 5,197.8	0 Taka) Net Benefit -47,125 1,791 1,968 2,162 2,375 2,610 2,869 3,153 3,465 3,809 4,188 4,604 5,062
1 2 3 6 5 6 7 7 8 8 5 5 10 10 11 12 12 13 14	Name of Road Length of Road Cost Unit O&M Cost Benefit T A r Construction Cost 1 32,088	KACHU RR-13 5.5 I 32,088 I, 17.0 117.0 I,716.0 Cost Cost Cost Cost Cost Cost 0 94 94 94 94 94 94 94 94 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94 94 94 94 94 94 94 94 94 94	No. 93.5 (Unit : 1,00 Benefit 0.0 1,833.0 2,004.6 2,193.4 2,401.0 2,629.4 2,880.6 3,157.0 3,461.0 3,795.4 4,163.2 4,567.9 5,012.9 5,502.5	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307 2,536 2,787 3,063 3,367 3,702 4,070 4,474 4,919 5,409		Name of Road Length of Road Cost Unit O&M Con Benefit 7 cost 1 47,125 3 4 5 5 7 8 9 0 1 1 2 3 3 4	KACHU RR-14 1 8.0 1 47,125 31 17.0 F 162.0 A 1,765.0 Cost Cost Cost Cost 0 136 136 136 136 136 136 136 136 136 136	JA Km <u>0&amp;M Cost</u> 10.00 9 Total 47,125 136 136 136 136 136 136 136 136	No. 136.0 (Uait : 1,00 Benefit 0.0 1,927.0 2,103.5 2,297.7 2,511.2 2,746.1 3,004.6 3,288.8 3,601.5 3,945.4 4,323.8 4,740.0	0 Teka) Net Benefit -47,125 1,791 1,968 2,162 2,375 2,610 2,869 3,153 3,465 3,809 4,188 4,604
1 2 3 4 5 6 7 7 8 9 9 10 10 11 12 13 14 15	Name of Road Length of Road Cost Unit O&M Cos Benefit T A r Construction Cost 1 32,088	KACHU RR-13 5.5 I 32,088 I, 17.0 117.0 1,716.0 Cost 1 O&M Cost Cost 0 94 94 94 94 94 94 94 94 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94 94 94 94 94 94 94 94 94 94	No. 93.5 (Unit : 1,00 Benefit 0.0 1,833.0 2,004.6 2,193.4 2,401.0 2,629.4 2,880.6 3,157.0 3,461.0 3,795.4 4,163.2 4,567.9 5,012.9	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307 2,536 2,787 3,063 3,367 3,702 4,070 4,474		Name of Road Length of Road Cost Unit O&M Cos Benefit 7 r Construction Cost 1 47,125 2 3 4 5 5 6	KACHU RR-14 1 8.0 1 47,125 at 17.0 F 162.0 A 1,765.0 Cost Cost Cost Cost Cost 1 0&M Cost 1 36 136 136 136 136 136 136 136 136 136 1	JA Km O&M Cost 10,00 9 Total 47,125 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 1,927.0 2,103.5 2,297.7 2,511.2 2,746.1 3,004.6 3,288.8 3,601.5 3,945.4 4,323.8 4,740.0 5,197.8 5,701.3 6,255.3 6,864.6	0 Teka) Net Benefit -47,125 1,791 1,968 2,162 2,375 2,610 2,869 3,153 3,465 3,809 4,188 4,604 5,062 5,565 6,119 6,729
1 2 2 4 5 6 6 7 7 8 9 9 9 10 11 12 13 14 15 16 17	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 32,088 3 4 5 5 7 7 3 9	KACHU RR-13 5.5 I 32,088 1, 17.0 117.0 1,716.0 Cost 1 O&M Cost 0 94 94 94 94 94 94 94 94 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94 94 94 94 94 94 94 94 94 94	No. 93.5 (Unit : 1,00 Benefit 0.0 1,833.0 2,004.6 2,193.4 2,401.0 2,629.4 2,880.6 3,157.0 3,461.0 3,795.4 4,163.2 4,567.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,01	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307 2,536 2,787 3,063 3,367 3,702 4,070 4,474 4,919 5,409 5,948 6,540 7,192		Name of Road Length of Road Cost Unit O&M Cost Benefit 7 2 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	KACHU RR-14 47,125 at 17.0 F 162.0 A 7,765.0 Cost Cost Cost Cost 136 136 136 136 136 136 136 136	JA Km O&M Cost 10.00 9 Total 47,125 136 136 136 136 136 136 136 136	No. 136.0 (Uait : 1,00 Benefit 0.0 1,927.0 2,103.5 2,297.7 2,511.2 2,746.1 3,004.6 3,288.8 3,601.5 3,945.4 4,323.8 4,740.0 5,197.8 5,701.3 6,255.3 6,864.6 7,534.8	0 Taka) Net Benefit -47,125 1,791 1,968 2,162 2,375 2,610 2,869 3,153 3,465 3,809 4,188 4,604 5,062 5,565 6,119 6,729 7,399
1 2 2 4 3 5 6 7 7 8 8 5 7 7 8 8 5 10 11 12 13 14 14 15 16 17 17 18	Name of Road Length of Road Cost Unit O&M Cost Benefit T A r Construction Cost 1 32,088	KACHU RR-13 5.5 I 32,088 1, 17.0 117.0 1,716.0 Cost Cost Cost Cost Cost Cost 0 94 94 94 94 94 94 94 94 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94 94 94 94 94 94 94 94 94 94	No. 93.5 (Unit : 1.00 Benefit 0.0 1.833.0 2.004.6 2.193.4 2.401.0 2.629.4 2.880.6 3.157.0 3.461.0 3.795.4 4.163.2 4.567.9 5.012.9 5.502.5 6.041.1 6.633.5 7.285.2 8,002.0	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307 2,536 2,787 3,063 3,367 3,702 4,070 4,474 4,919 5,409 5,948 6,540 7,192 7,908		Name of Road Length of Road Cost Unit O&M Cos Benefit 7 r Construction Cost 1 47,125 2 3 4 5 5 6	KACHU RR-14 1 8.0 1 47,125 at 17.0 F 162.0 A 1,765.0 Cost Cost Cost Cost Cost 1 0&M Cost 1 36 136 136 136 136 136 136 136 136 136 1	JA Km O&M Cost 10,00 9 Total 47,125 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 1,927.0 2,103.5 2,297.7 2,511.2 2,746.1 3,004.6 3,288.8 3,601.5 3,945.4 4,323.8 4,740.0 5,197.8 5,701.3 6,255.3 6,864.6	0 Taka) Net Benefit -47,125 1,791 1,968 2,162 2,375 2,610 2,869 3,153 3,455 3,809 4,188 4,604 5,062 5,565 6,119 6,729 7,399 8,136 8,947
1 2 2 4 5 6 6 7 7 8 9 9 9 10 11 12 13 14 15 16 17	Name of Road Length of Road Cost Unit O&M Cos Benefit T A r Construction Cost 1 32,088	KACHU RR-13 5.5 I 32,088 1, 17.0 117.0 1,716.0 Cost 1 O&M Cost 0 94 94 94 94 94 94 94 94 94 94 94 94 94	A <u>O&amp;M Cost</u> 10.00 % Total 32,088 94 94 94 94 94 94 94 94 94 94	No. 93.5 (Unit : 1,00 Benefit 0.0 1,833.0 2,004.6 2,193.4 2,401.0 2,629.4 2,880.6 3,157.0 3,461.0 3,795.4 4,163.2 4,567.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,012.9 5,01	0 Taka) Net Benefit -32,088 1,740 1,911 2,100 2,307 2,536 2,787 3,063 3,367 3,702 4,070 4,474 4,919 5,409 5,948 6,540 7,192		Name of Road Length of Road Cost Unit O&M Coi Benefit 7 r Construction Cost 47,125 3 4 5 5 6 7 8 9 9 0 1 1 2 2 3 4 5 5 6 7 8 9 9	KACHU RR-14 47,125 at 17.0 F 162.0 A 1,765.0 Cost Cost O&M Cost 0 136 136 136 136 136 136 136 136	JA Km <u>O&amp;M Cost</u> 10,00 9 Total 47,125 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Beaefit 0.0 1,927.0 2,103.5 2,297.7 2,511.2 2,746.1 3,004.6 3,288.8 3,601.5 3,945.4 4,323.8 4,740.0 5,197.8 5,701.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3 6,255.3	0 Taka) Net Benefit -47,125 1,791 1,968 2,162 2,375 2,610 2,869 3,153 3,465 3,809 4,188 4,604 5,062 5,565 6,119 6,729 7,399 8,136

#### Table G.1.13 Calculation Table for IRR (Kachua Upazila) (4/10)

117

G - 89

9%

IRR =

IRR =

5%

		Cost and I			Upazila)				Cost and	Benefit St	ream	
	Upazila	KACHUA		No.	17 .		1	Upazile	KACHUA		No.	18
1	•							Name of Road				<u> </u>
1.	Name of Road	RR-15	1.1									
1.	Length of Road	6.5 Km					· ·	Length of Road	6.5 Kn	1		
	Cost	42,647			·		. (	Cost	38,058			
	Unit O&M Cos	1 17.0 C	M Cost	110.5	10 A.	•	Ĩ	Unit O&M Cos	17.0	O&M Cost	110.5	
· .	Benefit T				4			Benefit T	137.0			
	A		10.00 %				-	A		10.00 %	é.	
ļ				(Unit : 1,00	0 Taka)						(Unit : 1,00	0 Taka)
Year	Construction		Total	Benefit	Net Benefit		Year	Construction		Total	Benefit	Net Benel
	Cost	Cost				į		Cost	Cost		·····	
- L I		0	42,647	0.0	-42,647		1	38,058	0	38,058	0.0	-38,0
2		111	- 111	1,003.0	893		2		111	111	2,053.0	1,94 2,13
3	3	111	111	1,096:4	986		3		111 111	111	2,244.6 2,455.4	2,34
4	1 c	111	111	1,199.1	1,089		- 5		111	111	2,687.2	2,5
5		111 111	111 111	1,312.2	1,326		6		111	111	2,942.2	2,83
7		111	-111	1,430.3	1,463		7		111	iii	3,222.7	3,11
8		111	111	1,723.6	1,613		8		iii	iji	3,531.3	3,42
9		111	iii	1,889.1	1,779		· 9		iii	111	3,870.7	3,76
10		iii	111 -	2,071.1	1,961	1	10		111	111	4,244.1	4,1
' H	ι.	111	ĤП	2,271.3	2,161	1.	ш	•	111	111	4,654.8	4,5
12		111	111	2,491.6	2,381	,	12		111	111	5,106.6	4,9
13		111	111	2,733.8	2,623		13		111	111	5,603.6	5,49
14		111	111	3,000.3	2,890		14		111	111	6,150.2	6,0
15		111	111	3,293.4	3,183	- 1	15		111	111	6,751.6	6,64 7,30
16		111	111	3,615.9	3,505		16		111	111	7,413.0 8,140.6	8,0
17		. 111	111 111	3,970.5	3,860	<i></i>	17 18		111	111	8,140.0	8,8
18		111		4,360.7 4,789.9	4,250 4,679		10			111	9,821.4	9,7
20		111	111	5,262.0	5,151	.	20		111	111	10,789.8	10,6
	IRR ==	0%						IRR =	8%		<u></u>	
L			••	······································								
[		Cost and I	Remefit S	tream		1			Cost and	 Benefit St	ream	
	n de la composition d La composition de la c											
	Upazila	KACHUA		No.	19			Jpazila	KACHUA		No.	20
	Name of Road	RR-17		. :	· · }	ĺ		Name of Road				
	Length of Road	5.5 Km					I	ength of Road	8.0 Kn	1		
	Cost	45,238					9	Cost	28,359			
1.	Unit O&M Cos	1 17.0 C	&M Cost	93.5	· 1		I	Unit O&M Cost	17.0	O&M Cost	136.0	
	Benefit T				·1. ]	1		Benefit T	79.0			
•		1,198.0	10.00 %	"(Unit : 1,00	() Taka)		-	A		10.00 9	5 (Unit : 1,00	() Taka)
-		Cost							Cost			
Year	r Construction Cost	n O&M Cost	Total	Benefit	Net Benefit		Year	Construction Cost	O&M Cost	Total	Benefit	Net Bene
1	45,238	0	45,238	0.0	-45,238		1	28,359	0	28,359	0.0	-28,3
2	2	.94	94	1,299.0	1,206	ļ	2		136	136	870.0	73
			94	1,418.8	1,325		3		136	136	949.1	8
3	)	94										9
3	<b>i</b>	94	94	1,550.6	1,457		4		136	136	1,036.1	
34	1	94 94	94	1,695.5	1,602		-5		136 136	136	1,131.8	9
3 4 5 6	1 5	94 94 94	94 94	1,695.5 1,855.0	1,602 1,761		5		136 136 136	136 136	1,131.8 1,237.1	99 1,10
3 4 5 6 7		94 94 94 94	94 94 94	1,695.5 1,855.0 2,030.4	1,602 1,761 1,937		5 6 7		136 136 136 136	136 136 136	1,131.8 1,237.1 1,352.9	99 1,10 1,21
3 4 5 6 7 8		94 94 94 94 94	94 94 94 94	1,695.5 1,855.0 2,030.4 2,223.3	1,602 1,761 1,937 2,130		5 6 7 8		136 136 136 136 136	136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3	99 1,10 1,21 1,34
3 4 5 6 7 8 9		94 94 94 94 94 94	94 94 94 94 94	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6	1,602 1,761 1,937 2,130 2,342		5 6 7 8 9		136 136 136 136 136 136	136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4	99 1,10 1,21 1,34 1,48
3 4 5 6 7 8 9 10		94 94 94 94 94 94 94	94 94 94 94 94 94	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0	1,602 1,761 1,937 2,130 2,342 2,576		5 6 7 8 9 10		136 136 136 136 136 136 136 136	136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6	99 1,10 1,21 1,34 1,48
3 4 5 6 7 8 9 10 11		94 94 94 94 94 94 94 94 94	94 94 94 94 94 94 94	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8	1,602 1,761 1,937 2,130 2,342 2,576 2,832		5 6 7 8 9 10 11		136 136 136 136 136 136 136 136	136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6 1,944.1	99 1,10 1,21 1,34 1,48 1,63 1,80 1,99
3 4 5 6 7 8 9 10 11 12		94 94 94 94 94 94 94 94 94 94	94 94 94 94 94 94 94 94	1,695,5 1,855,0 2,030,4 2,223,3 2,435,6 2,669,0 2,925,8 3,208,3	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115		5 6 7 8 9 10 11 12		136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6 1,944.1 2,130.7	99 1,10 1,21 1,34 1,48 1,63 1,80 1,99
3 4 5 6 7 8 9 9 9 10 11 11 12 13	<ul> <li>A set of the set of</li></ul>	94 94 94 94 94 94 94 94 94 94 94	94 94 94 94 94 94 94 94 94	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8 3,208.3 3,519.0	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115 3,426		5 6 7 8 9 10 11 12 13		136 136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6 1,944.1 2,130.7 2,335.8	9 1,1( 1,2 1,3 1,4 1,6 1,6 1,8 1,8 1,9 2,2 2,2
3 4 5 6 7 8 9 9 10 11 11 12 13 14		94 94 94 94 94 94 94 94 94 94	94 94 94 94 94 94 94 94 94 94	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8 3,208.3 3,519.0 3,860.8	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115 3,426 3,767		5 6 7 8 9 10 11 12 13 14		136 136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6 1,944.1 2,130.7	99 1,1( 1,2) 1,34 1,44 1,65 1,86 1,86 1,99 2,20 2,20
3 4 5 6 7 7 8 9 10 11 12 13 14 15		94 94 94 94 94 94 94 94 94 94 94 94 94	94 94 94 94 94 94 94 94 94 94	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8 3,208.3 3,519.0 3,860.8 4,236.8	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115 3,426 3,767 4,143		5 6 7 8 9 10 11 12 13 14 15		136 136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,674.6 1,944.1 2,130.7 2,335.8 2,561.5 2,809.7	99 1,1( 1,2) 1,34 1,48 1,63 1,80 1,99 2,2( 2,4)
3 4 5 6 7 7 8 9 10 11 12 13 14 15 16		94 94 94 94 94 94 94 94 94 94 94 94	94 94 94 94 94 94 94 94 94 94	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8 3,208.3 3,519.0 3,860.8	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115 3,426 3,767		5 6 7 8 9 10 11 12 13 14		136 136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6 1,944.1 2,130.7 2,335.8 2,561.5 2,809.7 3,082.8 3,383.2	99 1,1( 1,2) 1,34 1,63 1,63 1,86 1,86 2,20 2,24 2,46 2,9 3,2 3,2
3 4 5 6 7 7 8 9 10 11 12 13 14 15		94 94 94 94 94 94 94 94 94 94 94 94 94 9	94 94 94 94 94 94 94 94 94 94 94	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8 3,208.3 3,519.0 3,860.8 4,236.8 4,236.8	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115 3,426 3,767 4,143 4,557		5 6 7 8 9 10 11 12 13 14 15 16		136 136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,6774.6 1,944.1 2,130.7 2,335.8 2,561.5 2,809.7 3,082.8	99 1,1( 1,2) 1,34 1,44 1,62 1,86 1,98 2,20 2,24 2,26 2,99 3,22 3,2 3,5
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 7 8 8 19		94 94 94 94 94 94 94 94 94 94 94 94 94 9	94 94 94 94 94 94 94 94 94 94 94 94 94 9	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8 3,208.3 3,519.0 3,860.8 4,236.8 4,236.8 4,650.4 5,105.3 5,605.8 6,156.3	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115 3,426 3,767 4,143 4,557 5,012 5,512 6,063		5 6 7 8 9 10 11 12 13 14 15 16 17 18 19		136 136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6 1,944.1 2,130.7 2,335.8 2,561.5 2,809.7 3,082.8 3,383.2 3,713.6 4,077.1	9 1,1( 1,2: 1,3: 1,4( 1,4( 1,4( 1,4( 1,4( 1,4( 2,2) 2,4( 2,2( 2,4( 2,6( 2,9) 3,2( 3,2) 3,9
3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 16 17 18		94 94 94 94 94 94 94 94 94 94 94 94 94 9	94 94 94 94 94 94 94 94 94 94 94 94 94	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8 3,208.3 3,519.0 3,860.8 4,236.8 4,236.8 4,650.4 5,105.3 5,605.8	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115 3,426 3,767 4,143 4,557 5,012 5,512		5 6 7 8 9 10 11 12 13 14 15 16 17 18		136 136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6 1,944.1 2,130.7 2,335.8 2,561.5 2,809.7 3,082.8 3,383.2 3,713.6	9 1,1: 1,2 1,3 1,4 1,6 1,8 1,9 2,2 2,4 2,6 2,9 3,2 3,5
3 4 5 7 8 9 10 11 12 13 14 15 16 17 18 19		94 94 94 94 94 94 94 94 94 94 94 94 94 9	94 94 94 94 94 94 94 94 94 94 94 94 94 9	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8 3,208.3 3,519.0 3,860.8 4,236.8 4,236.8 4,650.4 5,105.3 5,605.8 6,156.3	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115 3,426 3,767 4,143 4,557 5,012 5,512 6,063		5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	IRR =	136 136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6 1,944.1 2,130.7 2,335.8 2,561.5 2,809.7 3,082.8 3,383.2 3,713.6 4,077.1	9 1,1 1,2 1,3 1,4 1,6 1,8 2,2 2,4 2,6 2,9 3,2 3,5 3,9
3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19		94 94 94 94 94 94 94 94 94 94 94 94 94 9	94 94 94 94 94 94 94 94 94 94 94 94 94 9	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8 3,208.3 3,519.0 3,860.8 4,236.8 4,236.8 4,650.4 5,105.3 5,605.8 6,156.3	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115 3,426 3,767 4,143 4,557 5,012 5,512 6,063 6,668	C	5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20	IRR =	136 136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6 1,944.1 2,130.7 2,335.8 2,561.5 2,809.7 3,082.8 3,383.2 3,713.6 4,077.1	9 1,1 1,2 1,3 1,4 1,6 1,8 1,9 2,2 2,4 2,6 2,9 3,2 3,5 3,9
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 7 8 8 19		94 94 94 94 94 94 94 94 94 94 94 94 94 9	94 94 94 94 94 94 94 94 94 94 94 94 94 9	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8 3,208.3 3,519.0 3,860.8 4,236.8 4,236.8 4,650.4 5,105.3 5,605.8 6,156.3	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115 3,426 3,767 4,143 4,557 5,012 5,512 6,063 6,668	G	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	IRR=	136 136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6 1,944.1 2,130.7 2,335.8 2,561.5 2,809.7 3,082.8 3,383.2 3,713.6 4,077.1	9 1,1 1,2 1,4 1,6 1,8 1,9 2,2 2,4 2,6 2,9 3,2 3,2 3,2 3,2 3,2
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 7 8 8 19		94 94 94 94 94 94 94 94 94 94 94 94 94 9	94 94 94 94 94 94 94 94 94 94 94 94 94 9	1,695.5 1,855.0 2,030.4 2,223.3 2,435.6 2,669.0 2,925.8 3,208.3 3,519.0 3,860.8 4,236.8 4,236.8 4,650.4 5,105.3 5,605.8 6,156.3	1,602 1,761 1,937 2,130 2,342 2,576 2,832 3,115 3,426 3,767 4,143 4,557 5,012 5,512 6,063 6,668	G	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	IRR =	136 136 136 136 136 136 136 136 136 136	136 136 136 136 136 136 136 136 136 136	1,131.8 1,237.1 1,352.9 1,480.3 1,620.4 1,774.6 1,944.1 2,130.7 2,335.8 2,561.5 2,809.7 3,082.8 3,383.2 3,713.6 4,077.1	9 1,1 1,2 1,3 1,4 1,6 1,8 1,9 2,2 2,4 2,6 2,9 3,2 3,5 3,9

Table G.1.13 Calculation Table for IRR(Kachua Upazila) (5/10)

		Cost and	Benefit S		Upazila)			Cost an	d Benefit St	<b>ream</b>	
	****	KACHU	A	No.	21		Upezila	KACHL	IA .	No. 2	22
	Upazila	RR-19	<b>••</b> ••••••				Name of Road	RR-20	1. 1. 1. N. 1. 1.		
			r				Length of Road		Km	ана стала стала. На стала стала На стала с	
	Length of Roed	10.0 H	(III)	a teanar		· .				1.1.1.1	
	Cost	38,840			1.1		Cost	65,167	an a	· · · ·	1997 - 19
	Unit O&M Cost		O&M Cost	170.0	· · · ·		Unit O&M Cos	t 17.0	O&M Cost	136.0	-
· •		82.0					Benefit T	142.0			e e ja se
-	Benefit T A		10.00 %					1,378.0	10.00 9		
•	<b>^</b>			(Unit : 1,00	0 Taka)					(Unit : 1,000	) Taka)
		Cost	· · · · · · · · · · · · · · · · · · ·			· ·		Cost			
Year	Construction		Total	Benefit	Net Benefit	Yea			Total	Benefit	Net Ben
	Cost	Cost	•				Cost	Cost			
·	20.040	0	38,840	0.0	-38,840		65,167	0	65,167	0.0	-65,1
2	38,840	170	170	790.0	620			136	136	1,520.0	ì,2
3		170	170	860.8	691			136	136	1,657.8	1,
4	: · · · ·	170	170	938.7	769	4		136	136	1,809.4	1,6
5		170	170	1,024.3	854			136	136	1,976.1	1.6
. 6		170	170	1,118.6	949	- 6		136	136	2,159.5	2.0
ं <u>ग</u>		170	170	1,222.2	1,052			136	136	2,361.3	2,2
8		170	170	1,336.3	1,166			136	136	2,583.2 2,827.3	2,0
- 9	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	170	170	1,461.7	1,292			136 136	136 136	3,095.9	2,9
-10		170	170	1,599.7	1,430			130	136	3,391.3	3,
-11		170	170	1,751.4	1,581			136	136	3,716.2	3,
12	the second second	170	170	1,918.4	1,748 1,932			136	136	4,073.6	3,9
13		170 170	170 170	2,102.0 2,304.0	2,134	14		136	136	4,456.8	4,
14		170	170	2,504.0	2,134			136	136	4,899.2	4,
15		170	170	2,520.2	2,601	i ie		136	136	5,375.0	5,2
17		170	170	3,039.5	2,869	1		136	136	5,898.2	5,
18		170	170	3,335.2	3,165	11		136	136	6,473.9	6,
ं 19		170	170	3,660.6	3,491	1.1		136	136	7,107.1	6,9
20		170	170	4,018.4	3,848	- 20	)	136	136	7,803.6	7,0
<del></del>	IRR =	-1 \$	6				IRR =	0	%		
	10-cc	/		• • • • • • • • • • • • • • • • • • •				<u> </u>	• • • • • • • • • • • • • • • • • • • •		······································
	Upazila Name of Rost	KACHU	i Benefit S A		23		Upazila Name of Road	KACHU	d Benefit St JA	1. State 1.	24
	Upazila Name of Road Length of Road Cost Unit O&M Cost	KACHU RR-21 8.0 I 47,936	A		23		Upazila Name of Road Length of Road Cost Unit O&M Cos	KACHU RR-22 8.0 53,011	IA		24
	Name of Road Length of Road Cost Unit O&M Cost	KACHU RR-21 8.0 H 47,936 17.0	A Sm	No.	23		Name of Road Length of Road Cost	KACHU RR-22 80 53,011 1 17.0	JA Krii <u>O&amp;M Cost</u>	No. 136.0	24
	Name of Road Length of Road Cost Unit O&M Cost Benefit T	KACHU RR-21 8.0 H 47,936 17.0	A Sm	No.			Name of Road Length of Road Cost Unit O&M Cos	KACHU RR-22 80 53,011 1 17.0	JA Km	No. 7	
	Name of Road Length of Road Cost Unit O&M Cost Benefit T	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0	A Sm O&M Cost	No.			Name of Road Length of Road Cost Unit O&M Cos	KACHU RR-22 53,011 17.0 58.0 691.0	JA Krii <u>O&amp;M Cost</u>	No. 136.0	
	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost	A Sm O&M Cost 10.00 % Total	No. [36.0 (Unit : 1,00 Benefit	0 Taka) Net Benefit	Yea	Neme of Road Length of Road Cost Unit O&M Cos Benefit 7 Z Construction Cost	KACHU RR-22 8.0 53,011 1 17.0 58.0 691.0 Cost Cost Cost	JA <u>O&amp;M Cost</u> 10.00 5 Total	No. 136.0 (Unit : 1,00) Benefit	0 Take) Net Ben
Year	Name of Road Length of Road Cost Unit O&M Cost Benefit T <u>A</u> Construction	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost Cost 0	A Sm O&M Cost 10.00 % Total 47,936	No. (36.0 (Unit : 1,00 Beuefit 0.0	0 Taka) Net Benefit -47,936		Neme of Road Length of Road Cost Unit O&M Cos Besefit 7 Construction Cost 53,011	KACHU RR-22 80 53,011 1 17.0 58.0 691.0 Cost Cost Cost Cost 0&M Cost	JA <u>O&amp;M Cost</u> 10.00 5 Total 53,011	No. 136.0 (Unit : 1,000 Benefit 0.0	0 Taka) Net Ben -53,
Year 1 2	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost Cost Cost Cost Cost Cost	A Sm <u>O&amp;M Cost</u> 10.00 % Total 47,936 136	No. (36.0 (Unit : 1,00 Benefit 0.0 1,175.0	0 Taka) Net Benefit -47,936 1,039		Neme of Road Length of Road Cost Unit O&M Cos Besefit 7 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost Cost Cost O&M Cost 0 136	JA <u>O&amp;M Cost</u> 10.00 5 Total 53,011 136	No. 136.0 (Unit : 1,000 Benefit 9.0 749.0	0 Taka) Net Ben -53,0
Year 1 2 3	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost Cost 0 136 136	A (m <u>O&amp;M Cost</u> <u>10.00 %</u> Total 47,936 136 136	No. [36.0 (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1	0 Taka) Net Benefit -47,936 i,039 i,144		Neme of Road Length of Road Cost Unit O&M Cos Benefit 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost Cost Cost Cost 0 4 36 6 136	JA <u>O&amp;M Cost</u> 10.00 5 Total 53,011 136 136	No. 136.0 6 (Unit : 1,000 Benefit 0.0 749.0 818.1	0 Taka) Net Ben -53,
Year 1 2 3 4	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost 0 1366 136 136	A (m <u>O&amp;M Cost</u> <u>10.00 %</u> <u>Total</u> 47,936 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7	0 Taka) Net Benefit -47,936 1,039 1,144 1,260		Neme of Road Length of Road Cost Unit O&M Cos Benefit T Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost Cost Cost Cost Cost 0 136 136 136	JA <u>O&amp;M Cost</u> 10.00 5 Total 53,011 136 136	No. 136.0 6 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1	0 Taka) Net Ben -53,( (
Year 1 2 3 4 5	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,031.0 Cost Cost 0 326 136 136 136	A <u>O&amp;M Cost</u> 10.00 % Total 47,936 136 136 136 136	No. [36.0 (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387		Neme of Road Length of Road Cost Unit O&M Cos Benefit 7 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost O&M Cost 0 136 136 136 136 136	JA <u>O&amp;M Cost</u> 10.00 5 Total 53,011 136 136	No. 136.0 6 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7	0 Taka) Net Ben -53,( (
Year 1 2 3 4 5 6	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU RR-21 8.0 H 47,936 17.0 1,051.0 Cost Cost Cost 0 136 136 136 136 136 136	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527		Negre of Road Length of Road Cost Unit O&M Cos Benefit 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost Cost Cost Cost Cost 0 136 136 136	JA <u>O&amp;M Cost</u> 10.00 5 Total 53,011 136 136 136	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9	0 Taka) Net Ben -53,
Year 1 2 3 4 5 6 7	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost Cost Cost Cost Cost Cost	A <u>O&amp;M Cost</u> 10.00 % Total 47,936 136 136 136 136	No. [36.0 (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681		Neare of Road Length of Road Cost Unit O&M Cos Benefit 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 1 17.0 58.0 691.0 Cost Cost Cost Cost 0 4 36 136 136 136 136 136 136 136 136	JA <u>O&amp;M Cost</u> 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1	0 Taka) Net Ben -53,( 1,1 1,1
Year 1 2 3 4 5 6 7 8	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU RR-21 8.0 H 47,936 17.0 1,051.0 Cost Cost Cost Cost 0 136 136 136 136 136 136	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036		Neme of Road Length of Road Cost Unit O&M Cos Benefit 7 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost Cost Cost Cost Cost 0 136 136 136 136 136 136 136 136 136 136	JA <u>O&amp;M Cost</u> 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 6 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6	0 Taka) Net Ben -53, 1, 1, 1, 1,
Year 1 2 3 4 5 6 7 8 9 10	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost Cost 0 136 136 136 136 136 136 136 136	A (m 0&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241		Nearce of Road Length of Road Cost Unit O&M Cos Benefit 7 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost Cost Cost Cost Cost Cost Cost Cost	JA <u>O&amp;M Cost</u> 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,00 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2	0 Taka) Net Ben -53, ( 1, 1, 1, 1, 1, 1,
Year 1 2 3 4 5 6 7 8 9 9 10 11	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU RR-21 8.0 H 47,936 17.0 1,051.0 Cost Cost Cost Cost Cost Cost Cost Cost	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466		Neare of Road Length of Road Cost Unit O&M Cos Beacfit T Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost 0&M Cost 0&M Cost 0 136 136 136 136 136 136 136 136 136 136	JA <u>O&amp;M Cost</u> 10.00 5 Total 33,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3	0 Taka) Net Bett -53, 1, 1, 1, 1, 1, 1, 1,
Year 1 2 3 4 5 6 7 8 9 10 11 12	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost Cost Cost Cost Cost Cost	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,2714		Neme of Road Length of Road Cost Unit O&M Cos Besefit T Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost 0&M Cost 0&M Cost 0 0&M Cost 136 136 136 136 136 136 136 136 136 136	JA O&M Cost 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3	0 Taka) Net Ben -53, 1, 1, 1, 1, 1, 1, 1, 1,
Year 1 2 3 4 5 6 7 8 9 10 11 12 13	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 47,936	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost 0 136 136 136 136 136 136 136 136 136 136	A <u>O&amp;M Cost</u> 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0 3,122.6	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,714 2,987		Neme of Road Length of Road Cost Unit O&M Cos Benefit T Construction Cost 53,011	KACHU RR-22 8.0 53,011 1 17.0 58.0 691.0 Cost 0 Cost Cost 0 Cost 0 366 136 136 136 136 136 136 136 136 136	JA O&M Cost 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3 2,029.5	0 Taka) Net Ben -53, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 47,936	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost 0 1366 136 136 136 136 136 136 136 136 13	A (m 0&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0 3,122.6 3,422.5	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,714 2,987 3,286		Nearce of Road Length of Road Cost Unit O&M Cos Benefit 7 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost O&M Cost O&M Cost 0 136 136 136 136 136 136 136 136 136 136	JA Km 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3 2,029.5 2,226.7	0 Taka) Net Ben -53, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2,
Year 1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 15 15 15 15 15 15 15 15 15	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 47,936	KACHU RR-21 8.0 F 47,936 17.0 1,051.0 Cost 0 136 136 136 136 136 136 136 136 136 136	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0 3,122.6 3,422.5 3,752.3	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,714 2,987 3,286 3,616		Nearce of Road Length of Road Cost Unit O&M Cos Benefit 7 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost O&M Cost 0 136 136 136 136 136 136 136 136 136 136	JA Km 10.00 5 Total 33,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3 2,029.5 2,226.7 2,443.5	0 Taka) Net Ben -53, ( ( ( ( ( ( ( ) ) 1, ( ) , ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 47,936	KACHU RR-21 8.0 F 47,936 17.0 1,051.0 Cost Cost Cost Cost Cost Cost Cost Cost	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Beuefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0 3,122.6 3,422.5 3,752.3 4,115.2	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,714 2,987 3,286 3,616 3,979		Neme of Road Length of Road Cost Unit O&M Cos Benefit 1 Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost Cost Cost Cost Cost Cost Cost Cost	JA Km 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3 2,029.5 2,226.7 2,443.5 2,682.1	0 Taka) Net Ben -53,( 0 ( 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 17	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 47,936	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost Cost Cost Cost 136 136 136 136 136 136 136 136 136 136	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0 3,122.6 3,422.5 3,752.3 4,115.2 4,514.3	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,714 2,987 3,286 3,616 3,979 4,378		Neme of Road Length of Road Cost Unit O&M Cos Besefit T Construction Cost 53,011	KACHU RR-22 8.0 53,011 1 17.0 58.0 691.0 0 58.0 Cost 0 0 366 136 136 136 136 136 136 136 136 136	JA <u>O&amp;M Cost</u> 10.00 5 Total 33,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3 2,029.5 2,226.7 2,443.5 2,682.1 2,944.5 3,233.1	0 Taka) Net Ben -53,( ( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (
Year 1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 47,936	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost 0 136 136 136 136 136 136 136 136 136 136	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Beuefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0 3,122.6 3,422.5 3,752.3 4,115.2	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,714 2,987 3,286 3,616 3,979		Neme of Road Length of Road Cost Unit O&M Cos Benefit 7 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost O&M Cost 0 136 136 136 136 136 136 136 136 136 136	JA <u>O&amp;M Cost</u> 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3 2,029.5 2,226.7 2,443.5 2,682.1 2,944.5 3,233.1 3,550.6	0 Taka) Net Ben -53, ( 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 3, 3,
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 17	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 47,936	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost Cost Cost Cost 136 136 136 136 136 136 136 136 136 136	A <u>O&amp;M Cost</u> 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0 3,122.6 3,422.5 3,752.3 4,115.2 4,514.3 4,953.3	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,714 2,987 3,286 3,616 3,979 4,378 4,817		Nearce of Road Length of Road Cost Unit O&M Cos Benefit 7 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 1 17.0 58.0 691.0 Cost Cost Cost 0 136 136 136 136 136 136 136 136	JA O&M Cost 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3 2,029.5 2,226.7 2,443.5 2,682.1 2,944.5 3,233.1	0 Taka) Net Ben -53,4 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 47,936	KACHU RR-21 8.0 F 47,936 17.0 1,051.0 Cost 0 136 136 136 136 136 136 136 136 136 136	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0 3,122.6 3,422.5 3,752.3 4,115.2 4,514.3 5,436.2	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,714 2,987 3,286 3,616 3,979 4,378 4,817 5,300		Nearce of Road Length of Road Cost Unit O&M Cos Benefit 7 7 Construction Cost 53,011	KACHU RR-22 8.0 53,011 t 17.0 58.0 691.0 Cost O&M Cost 0 136 136 136 136 136 136 136 136 136 136	IA O&M Cost 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 0.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3 2,029.5 2,226.7 2,443.5 2,682.1 2,944.5 3,233.1 3,550.6	0 Taka) Net Ben -53,4 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Name of Road Length of Road Loght of Road Out O&M Cost Benefit T A Construction Cost 47,936	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost Cost 0 136 136 136 136 136 136 136 136 136 136	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0 3,122.6 3,422.5 3,752.3 4,115.2 4,514.3 5,436.2	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,714 2,987 3,286 3,616 3,979 4,378 4,817 5,300		Neme of Road Length of Road Cost Unit O&M Cos Besefit T Construction Cost 53,011	KACHU RR-22 8.0 53,011 1 17.0 58.0 691.0 Cost 0 360 136 136 136 136 136 136 136 136 136 136	IA O&M Cost 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,00 Benefit 90.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3 2,029.5 2,226.7 2,443.5 2,682.1 2,944.5 3,233.1 3,550.6 3,899.9	0 Taka) Net Ben -53,4 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Name of Road Length of Road Loght of Road Out O&M Cost Benefit T A Construction Cost 47,936	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost Cost 0 136 136 136 136 136 136 136 136 136 136	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0 3,122.6 3,422.5 3,752.3 4,115.2 4,514.3 5,436.2	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,714 2,987 3,286 3,616 3,979 4,378 4,817 5,300		Neme of Road Length of Road Cost Unit O&M Cos Besefit T Construction Cost 53,011	KACHU RR-22 8.0 53,011 1 17.0 58.0 691.0 Cost 0 360 136 136 136 136 136 136 136 136 136 136	IA O&M Cost 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,00 Benefit 90.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3 2,029.5 2,226.7 2,443.5 2,682.1 2,944.5 3,233.1 3,550.6 3,899.9	0 Taka) Net Ben -53, ( 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 3, 3,
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Name of Road Length of Road Loght of Road Out O&M Cost Benefit T A Construction Cost 47,936	KACHU RR-21 8.0 H 47,936 17.0 124.0 1,051.0 Cost Cost Cost Cost 0 136 136 136 136 136 136 136 136 136 136	A Cm O&M Cost 10.00 % Total 47,936 136 136 136 136 136 136 136 1	No. (Unit : 1,00 Benefit 0.0 1,175.0 1,280.1 1,395.7 1,522.9 1,662.8 1,816.6 1,985.9 2,172.1 2,376.9 2,602.2 2,850.0 3,122.6 3,422.5 3,752.3 4,115.2 4,514.3 5,436.2	0 Taka) Net Benefit -47,936 1,039 1,144 1,260 1,387 1,527 1,681 1,850 2,036 2,241 2,466 2,714 2,987 3,286 3,616 3,979 4,378 4,817 5,300		Neme of Road Length of Road Cost Unit O&M Cos Besefit T Construction Cost 53,011	KACHU RR-22 8.0 53,011 1 17.0 58.0 691.0 Cost 0 360 136 136 136 136 136 136 136 136 136 136	IA O&M Cost 10.00 5 Total 53,011 136 136 136 136 136 136 136 1	No. 136.0 (Unit : 1,000 Benefit 90.0 749.0 818.1 894.1 977.7 1,069.7 1,170.9 1,282.1 1,404.6 1,539.2 1,687.3 1,850.3 2,029.5 2,226.7 2,443.5 2,682.1 2,944.5 3,233.1 3,550.6 3,899.9	0 Taka) Net Ben -53, ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (

# Table G.1.13 Calculation Table for IRR

		Cost an	d Benefit S	tream			
	Upazila	KACHU	JA	No.	25		Upaz
	Name of Road		17 - L	••••••••••••••••••••••••••••••••••••••	<del></del>		Nem
							Leng
	Length of Road	8.5	Km				Leng
·.	Cost	43,060	· · ·			· ·	Cost
	Unit O&M Cost	17.0	O&M Cost	144.5			Unit
	Benefit T	168,0					Bene
		1,561.0	10.00 %	da per de		· ]	
· ·				(Unit : 1,00	0 Take)		
		Cost					
Year			Total	Benefit	Net Benefit	Ye	
	Cost	Cost		. · · · ·			Co
 l	43,060	0	43,060	0.0	-43,060		1
. 2		145	145	1,729.0	1,585		2
<u> </u>		145	145	1,885.1	1,741		3
4		145	145	2,056.8	1,912		4
5		145	145	2,245.7	2,101		5
6		145	145	2,453.5	2,309		6 7
. 7		145 145	145 145	2,682.0 2,933.4	2,538 2,789		8
8		145	145	2,955.4 3,209.9	3,065		°,
10		145	145	3,514.1	3,370		Ó
11		145	145	3,848.8	3,704	1	1
12		- 145	145	4,216.8	4,072	1 1	2
13		145	145	4,621.7	4,477		3
14		145	145	5,067.1	4,923		4
15		145 145	145 145	5,557.0 6,095.9	5,412 5,951		5 6
16		145	145	6,688.7	6,544		1
		145		7,340.8	7,196		8
18							~
18		145	145	8,058.0	7,914		9
	1		145 145	8,058.0 8,847.0	7,914 8,703		9
- 19		145 145	145				
- 19	1	145 145 5	145	8,847.0			
- 19		145 145 5	145 % d Benefit S	8,847.0 tream			
- 19	IRR =	145 145 5 Cost and KACHU RR-25	145 % d Benefit S JA	8,847.0 tream	8,703		Upaz Namo
- 19	IRR =	145 145 5 Cost and KACHU	145 % d Benefit S JA	8,847.0 tream	8,703		Upaz Namo
- 19	IRR = Upazila Name of Road	145 145 5 Cost and KACHU RR-25	145 % d Benefit S JA	8,847.0 tream	8,703		Upaz Namo
- 19	IRR = Upazila Name of Road Length of Road Cost	145 145 5 Cost and KACHU RR-25 4.0 28,018	145 % d Benefit S JA Km	8,847.0 tream No.	8,703		Upaz Nam Leng Cost
- 19	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost	145 145 5 Cost and KACHU RR-25 4.0 28,018 17.0	145 % d Benefit S JA Km	8,847.0 tream No.	8,703		Upaz Namo Long Cost Unit
- 19	IRR = Upazila Name of Road Length of Road Cost	145 145 5 Cost and KACHU RR-25 4.0 28,018	145 % d Benefit S JA Km	8,847.0 tream No. 68.0	8,703		Upaz Namo Long Cost Unit
- 19	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	145 145 5 Cost and KACHU RR-25 4.0 28,018 17.0 52.0	145 % d Benefit S JA Km O&M Cost	8,847.0 tream No. 68.0	8,703 27		Upaz Namo Long Cost Unit
- 19	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	145 145 5 Cost and KACHU RR-25 4.0 28,018 17.0 52.0	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 %	8,847.0 tream No. 68.0 (Unit : 1,00	8,703 27 0 Teka)		Upaz Namo Leng Cost Unit Bene
- 19	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	145 145 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	145 % d Benefit S JA Km O&M Cost	8,847.0 tream No. 68.0	8,703 27		Upaz Nam Leng Cost Unit Bene
19 20 Year	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	145 145 5 Cost and KACHU RR-25 4.0 28,018 17.0 52.0 948.0 Cost Cost	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total	8,847.0 tream No. 68.0 (Unit : 1,00 Benefit	8,703 27 0 Taka) Net Benefit	2 2 2	Upaz Nam Leng Ost Unit Bene ar Co
19 20  Year	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	145 145 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,018	8,847.0 tream No. 68.0 (Unit : 1,00 Berefit 0.0	8,703 27 0 Teka) Net Benefit -28,018	Yea	Upaz Nand Leng Cost Unit Bene
19 20 Year 1 2	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	145 145 5 Cost and KACHU RR-25 4.0 28,018 17.0 52.0 948.0 Cost Cost Cost Cost Cost 0 68	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,018 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,000.0	8,703 27 0 Teka) Net Benefit -28,018 932	Yea	Upazz Namu Leng <u>Cost</u> <u>Unit</u> Bene ar <u>Cc</u> Cc
19 20 Ycar 1 2 3	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	145 145 5 Cost and KACHU RR-25 4.0 28,018 17.0 52.0 948.0 Cost Cost Cost Cost Cost 0 68 68	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,018 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,000.0 1,094.8	8,703 27 0 Teka) Net Benefit -28,018 932: 1,027	Yea	Upaz Namu Leng <u>Cost</u> <u>Unit</u> Bene Cc L 2 3
19 20 Year 1 2 3 4	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	145 145 5 Cost and KACHU RR-25 4.0 28,018 17.0 52.0 548.0 Cost Cost Cost Cost Cost Cost Cost Cost	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,013 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,000.0 1,094.8 1,199.1	8,703 27 0 Teks) Net Benefit 932 1,027 1,131	Yee	Upaz Nam Leng <u>Cost</u> Unit Bene Sar CC CC 1 2 3 4 5
19 20 Year 1 2 3 4 5	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	145 145 5 Cost and KACHU RR-25 4.0 28,018 17.0 52.0 948.0 Cost Cost Cost Cost Cost 0 68 68	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,018 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,000.0 1,094.8	8,703 27 0 Teka) Net Benefit -28,018 932: 1,027	Yee	Upaz Namo Long Cost Unit Bone Sar Co Co Co L 2 3 4 5 5 6
19 20 Year 1 2 3 4 5 6 6 7	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	145 145 5 Cost an KACHU RR-25 4.0 28,018 17.0 52.0 948.0 Cost Cost Cost Cost Cost Cost Cost Cost	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,018 68 68 68 68 68 68	8,847.0 tream No. (Unit : 1,00 Bersefit 0.0 1,000.0 1,094.8 1,199.1 1,313.8 1,440.0 1,578.8	8,703 27 0 Teka) Net Benefit -28,018 932 1,027 1,131 1,246 (1,372 1,511	Yee	Upaz Namo Leng <u>Cost</u> Unit Bene ar <u>Cc</u> Cc 1 2 3 4 5 5 6 7
19 20 Ycar 1 2 3 4 5 6 7 8	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 Cost and KACHU RR-25 4.0 28,018 17.0 52.0 548.0 Cost Cost Cost Cost Cost Cost Cost Cost	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,018 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. (Unit : 1,00 Bersefit 0.0 1,000.0 1,094.8 1,199.1 1,313.8 1,440.0 1,578.8 1,731.4	8,703 227 0 Taka) Net Benefit -28,018 932 1,027 1,131 1,246 1,372 1,511 1,663	Yea	Upaz Namu Leng <u>Cost</u> <u>Unit</u> Bene Cc L 2 3 4 5 5 6 7 7 8
19 20 Ycar 1 2 3 4 5 6 6 7 7 8 9 9	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 Cost and KACHU RR-25 4.0 28,018 17.0 52.0 548.0 Cost Cost Cost Cost Cost Cost Cost Cost	145 % d Benefit S JA Km <u>O&amp;M Cont</u> 10.00 % Total 28,018 68 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,094.8 1,199.1 1,313.8 1,440.0 1,578.8 1,731.4 1,899.4	8,703 27 0 Teka) Net Benefit -28,018 932 1,027 1,131 1,246 1,372 1,511 1,663 1,831	Yea	Upaz Naru Leng <u>Cost</u> Unit <u>Bene</u> Cc Cc L 2 3 4 4 5 6 6 7 7 8 9
19 20 Year 1 2 3 4 5 6 7 7 8 9 10	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	145 % d Benefit S JA Km 0&M Cost 10.00 % Total 28,018 68 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Besefit 0.0 1,004.8 1,199.1 1,313.8 1,440.0 1,578.8 1,731.4 1,899.4 2,084.1	8,703 227 0 Taka) Net Benefit -28,018 932 1,027 1,131 1,246 1,372 1,511 1,663 1,831 2,016	Yee	Upaz Nami Leng Cost Bene Sere Co Co Co Co Co Co Co Co Co Co Co Co Co
19 20 Year 1 2 3 4 5 6 7 7 8 9 10 11	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 Cost an KACHU RR-25 4.0 28,018 17.0 52.0 548.0 Cost Cost Cost Cost Cost Cost Cost Cost	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,018 68 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,000.0 1,094.8 1,199.1 1,313.8 1,440.0 1,578.8 1,440.0 1,578.8 1,731.4 1,899.4 2,084.1 2,287.3	8,703 27 0 Taka) Net Benefit -28,018 932 1,027 1,131 1,246 1,372 1,511 1,663 1,831 1,811 2,016 2,219	Yee	Upaz Nama Leng Cost Unit Bene Cost 1 2 3 4 5 5 6 6 7 8 9 9 0 1
19 20 Year 1 2 3 4 5 6 6 7 7 8 9 10 11 12	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	145 % d Benefit S JA Km 0&M Cost 10.00 % Total 28,018 68 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Besefit 0.0 1,004.8 1,199.1 1,313.8 1,440.0 1,578.8 1,731.4 1,899.4 2,084.1	8,703 227 0 Taka) Net Benefit -28,018 932 1,027 1,131 1,246 1,372 1,511 1,663 1,831 2,016	Yea	Upaz Nami Leng Cost Bene Sere Co Co Co Co Co Co Co Co Co Co Co Co Co
19 20 Year 1 2 3 4 5 6 7 7 8 9 10 11	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 Cost an KACHU RR-25 4.0 23,018 17.0 52.0 948.0 Cost Cost Cost Cost Cost Cost Cost Cost	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,018 68 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,000.0 1,004.8 1,199.1 1,313.8 1,440.0 1,578.8 1,440.0 1,578.8 1,731.4 1,899.4 2,084.1 2,287.3 2,510.9	8,703 27 0 Taka) Net Benefil -28,018 932 1,027 1,131 1,246 1,372 1,511 1,653 1,831 2,016 2,219 2,443 2,689 2,959	Yee	Upaz Nami Leng <u>Cost</u> <u>Unit</u> <u>Bene</u> Cc Cc Cc 1 1 2 3 4 4 5 6 6 7 7 8 8 9 0 1 1 2 3 4
19 20 Year 1 2 3 4 5 6 6 7 7 8 9 10 11 12 13 14 15	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	145 % d Benefit S JA Km O&M Cost 10.00 % Total 28,013 68 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,000.0 1,094.8 1,199.1 1,313.8 1,440.0 1,578.8 1,731.4 1,899.4 2,084.1 2,287.3 2,510.9 2,756.8 3,027.2 3,324.8	8,703 27 0 Taka) Net Benefit -28,018 932 1,027 1,131 1,246 1,372 1,511 1,263 1,831 2,016 2,219 2,443 2,689 2,959 3,257	Yee	Upaz Namo Long Cost Unit Bone Sar Co Co Co Co Co Co Co S S S S S S S S S
19 20 Year 1 2 3 4 5 6 6 7 7 8 9 10 11 12 13 14 15 16	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 Cost an KACHU RR-25 4.0 28,018 17.0 52.0 52.0 52.0 548.0 Cost Cost Cost Cost Cost Cost Cost Cost	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,018 68 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,000.0 1,004.8 1,199.1 1,313.8 1,440.0 1,578.8 1,440.0 1,578.8 1,440.0 1,578.8 1,440.0 1,578.8 1,440.0 1,578.8 1,440.0 1,578.8 1,440.0 1,578.8 1,440.0 1,578.8 1,440.0 1,578.8 1,440.0 1,578.8 1,731.4 1,2287.3 2,510.9 2,756.8 3,027.2 3,324.8 3,652.0	8,703 27 0 Teks) Net Benefit -28,018 932 1,027 1,131 1,246 1,372 1,511 1,663 1,831 2,016 2,219 2,443 2,689 2,959 3,257 3,584		Upaz Namo Long Cost Unit Bene Cost Unit Bene Cost 1 2 3 4 5 5 6 6 7 8 9 9 0 1 1 2 3 4 5 5 6 6 7 8 9 9 0
19 20 Year 1 2 3 4 5 6 6 7 7 8 9 10 11 12 13 14 15 16 17	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,018 68 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,000.0 1,094.8 1,199.1 1,313.8 1,440.0 1,578.8 1,440.0 1,578.8 1,731.4 1,899.4 2,084.1 2,287.3 2,510.9 2,756.8 3,027.2 3,324.8 3,652.0 4,012.0	8,703 27 0 Teks) Net Benefit -28,018 -932 1,027 1,131 1,246 1,372 1,511 1,663 1,831 2,016 2,219 2,443 2,689 2,959 3,257 3,584 3,944		Upaz Nami Leng <u>Cost</u> <u>Unit</u> Bene Cost Unit Bene Cost 1 2 3 4 5 5 6 6 7 8 9 0 1 1 2 3 4 5 5 6 6 7 7
19 20 Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	145 % d Benefit S JA Km 0&M Cont 10.00 % Total 28,013 68 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,000.0 1,094.8 1,199.1 1,313.8 1,440.0 1,578.8 1,731.4 1,899.4 2,084.1 2,287.3 2,510.9 2,756.8 3,027.2 3,324.8 3,652.0 4,012.0 4,408.0	8,703 227 0 Taka) Net Benefit -28,018 932 1,027 1,131 1,246 1,372 1,511 1,663 1,831 2,016 2,219 2,443 2,689 2,959 3,257 3,584 3,944 4,340		Upaz Namu Leng <u>Cost</u> <u>Unit</u> Bene Cost Unit 2 3 4 5 6 6 7 8 8 9 0 1 1 2 3 4 5 5 6 7 7 8
19 20 Year 1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14 15 16 17 18 19	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	145 % d Benefit S JA Km 0&M Cont 10.00 % Total 28,018 68 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,094.8 1,199.1 1,313.8 1,440.0 1,578.8 1,440.0 1,578.8 1,731.4 1,899.4 2,084.1 2,287.3 2,510.9 2,756.8 3,027.2 3,324.8 3,652.0 4,012.0 4,408.0 4,843.6	8,703 227 0 Teka) Net Benefit -28,018 932 1,027 1,031 1,246 1,372 1,511 1,663 1,831 2,016 2,219 2,443 2,689 2,959 3,257 3,584 3,944 4,340 4,776		Upazz Naruk Leng Cost Unit Bene Co Co Co L 2 3 4 4 5 6 6 7 7 8 9 9 0 1 1 2 3 4 4 5 6 6 7 7 8 9 9 0
19 20 Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 28,018	145 145 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	145 % d Benefit S JA Km <u>O&amp;M Cost</u> 10.00 % Total 28,018 68 68 68 68 68 68 68 68 68 68 68 68 68	8,847.0 tream No. 68.0 (Unit : 1,00 Bersefit 0.0 1,000.0 1,094.8 1,199.1 1,313.8 1,440.0 1,578.8 1,731.4 1,899.4 2,084.1 2,287.3 2,510.9 2,756.8 3,027.2 3,324.8 3,652.0 4,012.0 4,408.0	8,703 227 0 Taka) Net Benefit -28,018 932 1,027 1,131 1,246 1,372 1,511 1,663 1,831 2,016 2,219 2,443 2,689 2,959 3,257 3,584 3,944 4,340		Upaz Namu Leng <u>Cost</u> <u>Unit</u> Bene Cost Unit 2 3 4 5 6 6 7 8 8 9 0 1 1 2 3 4 5 5 6 7 7 8

### Table G.1.13 Calculation Table for IRR (Kachua Upazila) (7/10)

		17 1 4 1911		.v. ^	
	Upazila	KACHU	<b>V</b>	No. 2	0
	Name of Road	RR-24		100 A.A.	
	Length of Road	5,0 Ki	11		
	Cost	34,510	e di pro-	÷.,	
	Unit O&M Cost	17.0	O&M Cost	85.0	
	Benefit T	47.0			
	A	564.0	10.00 9		
:				(Unit : 1.00.	) Teka)
		Cost			
Year	Construction		Total	Benefit	Net Benefit
	Cost	Cost			
1	34,510	0	34,510	0.0	-34,510
2	. •	85	85	611.0	526
3		85	85	667.4	582
. 4		85	85	729.4	644
5		85	85	<b>797.7</b>	713
6		85	85	872.8	788
7		85	85	955.3	870
8		85	85	1,046.2	961
9		85	85	1,146.1	1,061
10		85	85	1,256.0	1,171
- 11		85	- 85	1,376.9	1,292
12		85	85	1,509.9	1,425
13		- 85	85	1,656.2	1,571
14	14 - C	85	85	1,817.1	1,732
15		85	85	1,994.1	1,909
- 16		85	· 85	2,188.8	2,104
. 17		85	85	2,403.0	2,318
18		85	85	2,638.6	2,554
19		85	85	2,897.7	2,813
20		85	85	3,182.8	3,098
	IRR =	-2 %			

		Cost an	d Benefit St	ream	
	Upazila	KACHU	JA	No.	28
	Name of Road	RR-26			
	Length of Road	8.01	Km		
	Cost	41,871			
	Unit O&M Cos	t 17.0	O&M Cost	136.0	
	Benefit 7				
		953.0	. 10.00 %	۰. ۲	
				(Unit : 1,00	0 Taka)
		Cost		<u></u>	
Year	Construction		Total	Benefit	Net Benefit
	Cost	Cost			
				0.0	41 011
1	41,871	0	41,871	0.0	-41,871 904
2		136	136	1,040.0 1,135.5	1,000
3		136	136 136	1,135.5	1,105
4		136 136	136	1.356.1	1,220
÷ 5	· · · · ·	130	136	1,483.2	1,347
6 7		136	136	1,623.0	1,487
8		136	136	1.776.8	1.641
9		136	136	1,946.0	1,810
10		136	136	2.132.1	1,996
: 11	1.00	136	136	2,336.8	2,201
12		136	136	2,562.0	2,426
13		136	136	2,809.7	2,674
14		136	136	3,082.2	2,946
15		136	136	3,381.9	3,246
16	1.1	136	136	3,711.6	3,576
17		136	136	4,074.3	3,938
18	11 - 11 - 11 - 11 - 11 - 11 - 11 - 11	136	136	4,473.2	4,337
19		136	136	4,912.0	4,776
20		136	136	5,394.7	5,259
	IRR =	1	%		

		<u>,</u> 1 (	Kachua	alculation Upazila									
	Cost and	Benefit S	tream				i se nat	Cost and	Benefit St	ream			
Upazila	KACHUA	i sa sa sa	No.	19			Upazila	KACHU	<b>A</b> stra	No. 3	0		
Name of Road	RR-27	5 - F						RR-28	en e				
Length of Road	6.5 Kr	n :				1	Length of Road	6.5 K	ល	and the	t e g		
Cost	38,875	a ga a ta				•		43,331					
	ب مختصف	D&M Cost	. 110.5				· • • • • • • • • • • • • • • • • • • •		O&M Cost	110.5			
		10.00 3	e en en tete			· · · ·			10.00 9	б.			
				() Taka)			· · · · · · · · · · · · · · · · · · ·			(Unit : 1,000	) Taka)		
r Construction Cost		Total	Bezetit	Net Benefit		Year	Construction Cost		Total	Benefit	Net Bene		
38,875	0	38,875	0.0	-38,875			43,331	0	43,331	0.0	-43,3		
2		111	1,352.0			2			111	1,370.0 1,496.7	1,2 1,3		
1 ·	111	111	1,613.2	1,503		-4		111	· 111	1,636.1	1,53		
5	111	111				5		111	111	1,789.4	1,6 1,8		
<b>1</b> .	5 111	111 -	2,111.5	2,001		7	1997 (B. 1997) 1997 - 1997 - 1997 - 1997 (B. 1997) 1997 - 1997 (B.	111	- 111	2,143.5	20		
3	111	111	2,311.8 2,532.2			· 8 : 9		111	111	2,572.0	2.4		
) .	111	111	2,774.6	2,664		10		111	- 111	2,818.9	2,7		
2	- 111 - 111	111	3,041.3 3,334.6			12	· · · .	111	- 111	3,389.3	3,2		
<b>)</b> - 16	<u> </u>	111	3,657.3	3,547		13 14		111	111	3,717.9	36 39		
1 5	111	111	4,012.2			15		111	111	4,477.0	4.3		
5	111	111	4,832.1			16					4,8 5,2		
1	111	111	5,824.1			18		111	111	5,924.8	5,8		
	111	- 111	6,395.8							6,507.0 7,147.4	6,3 7,0		
							IRR =						
Cost Unit O&M Cos	RR-29 3.5 Kr 31,226 t 17.0	m		<u>31</u>			Name of Road Length of Road Cost Unit O&M Cost	RR-30 5.0 K 26,838 17.0		<u>No. 3</u> 85.0	2		
	374.0	10.00 9		10 Taka)				901.0	10.00 9		) Taka)		
r Construction Cost		Total	Benefit	Net Benefi		Year			Total	Benefit	Net Bend		
31,226	0	31,226	0.0			1	26,838	0	26,838	0.0 972.0	-26,8		
3	60 60	60	415.4	356		3	i e de ter	85	85	1,062.4	- 5		
4 5	60 60	60 60	456.5 501.8			- 4			85 85	1,161.8	1,0 1,1		
5	60	60	551.6	492		6	· · · · ·	85	85	1,391.5	1,3		
7 3		60 · 60				7		85 85	85 85	1,669.5	1,4 1,5		
<b>)</b>	60	60	732.8	673		9		85	85	1,829.6	1,7 1,9		
) L ·	60 60	60 60	805.7 885.9	826		11		85	85	2,199.6	2,1		
2	60	60	974.1	915		12		85 85	85 85		2,3		
3 1	60 60	60	1,177.8	1,118		14		85	85	2,905.1	2,8		
5	60 60	60 60	1,295.1								3,1 3,4		
¹ .	60	60	1,566.3	1,507		17		85	85	3,844.2	3.7		
3	60 60	60 60	1,722.5 1,894.4	1,663		18 19	n an teor De la teoría de se	85 85	85 85	4, <u>221</u> .9 4,637.2	41		
	60	60	2,083.4	2,024		20		85	85	5,094.2	5,0		
}				-	4 . I								
) IRR =	-5 %				]		IRR =	4 %					
	Length of Road Cost Unit O&M Cost Benefit T Construction Cost 38,875 IRR = Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Construction Cost 31,226	Name of Road         RR-27           Length of Road         6.5 Kr           Cost         38,875           Unit OxeM Cost         17.0           Benefit         T           108.0         A           Logth O Cost         17.0           Benefit         T           108.0         A           Cost         Cost           Cost         Cost           Cost         Cost           38,875         0           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111	Name of Roed         RR-27           Length of Roed         6.5 Km           Cost         38,875           Unit O&M Cost         17.0           Denefit         T           A         1,2343.0           Cost         Cost           S8,875         0           38,875         0           38,875         0           38,875         0           38,875         0           38,875         0           38,875         0           38,875         0           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111	Name of Roed         RR-27           Length of Roed         6.5 Km           Cost         38,875           Unit OxeM Cost         17.0           Denefit         T           A         1,243.5           Cost         0.00 %           Construction OxeM         Total           Benefit         T           Cost         Cost           Cost         Cost           Cost         Cost           Sa,875         0           38,875         0           111         111           112         111           113         111           114         111           115         111           116         111           117         2,31,8           118         111           119,929.3           111         111           111         2,31,2           111         111           2,774.6           111         111           111         3,33,4           111         111           113         3,334,6           111         111           111	Name of Road         RR-27           Length of Road         6.5 Km           Cost         38,875           Unit OckM Cost         17.0           Defit         T           Cost         (Unit : 1.000 Taka)           Construction OckM         Total           Construction OckM         Total           Benefit         Net Benefit           Construction OckM         Total           Beaefit         Net Benefit           Cost         Cost           38,875         0         38,875           111         111         1,352.0         1,242           111         111         1,352.0         1,242           111         111         1,352.0         1,242           111         111         1,352.0         1,242           111         111         1,352.0         1,242           111         111         2,31.3         2,201           111         111         2,31.3         2,201           111         111         3,34.6         3,247           111         111         3,34.6         3,247           111         111         4,02.2         4,292	Name of Road       Reright of Road       6.5 Km         Cost       Cost       Cost         Construction Cost       Total       Benefit       Net Benefit         Cost       Cost         Cost       Cost         Cost       Cost         Cost       Cost         Cost       Cost         Cost         Cost         Cost         Cost         111       111         111       Net Benefit         111       111         111       111         111       111         111       111         111       111         111       111         111       111         111       111         111       111         111       111 <td 2<="" colspan="2" td=""><td>Name of Rood       RR-27         Largth of Rood       6.5 Km         Cost       (Unit 0.26M Cost       110.5         Breefit       To 0.86M Cost       110.5         Cost       Cost         111       III       Cost         III       Cost       Cost         III       Cost       Cost         IIII       III       Cost       Cost         IIII       IIII       Cost       Cost       Cost       Cost       Cost       Cost       Cost       SPS         IIII       IIII       SPS<td>Name of Road       RR-27       Name of Road       Name of Road         Cost       38,875       0.080 %       Cost       Cost         Dini (O&amp;M Cost       17.0       0.84 Cost       110.5       Benefit       T         Cost       0.000 %       (Unit : 1,000 Taka)       A       A         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Total       Becaefit       Net Benefit       Year       Construction         Tit       111       11322.0       1,242       2       2         111       111       2,318       2,301       3       4         111       111       2,318       2,301       1       1         1111       111       2,532.2       2,422       9       1       1         1111       111       2,532.3       2,422       1       1       1       1       1       1       1       1       1</td><td>Name of Road         RR-27           Largh of Road         6.5 Kn           Cost         38,875           Unit Cost Cost         10.00 %           Cost         0.00 %           Unit Cost Cost         10.00 %           Cost         0.00 %           Cost         0.00 %           Cost         0.00 %           Cost         0.00 %           Cost         Cost           Cost         Cost           Cost         Cost           Cost         Cost           38,875         0           111         1,747.6           111         1,767.4           111         1,767.4           111         1,767.4           111         1,767.4           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,7402.3</td><td>Name of Road         RR-27         Nume of Road         RR-28           Larght of Road         6.5 Km         Cost         33,375         Cost         33,375           Denofit         T         106,004         Cost         110.5         Earsth of Road         6.5 Km           Denofit         T         106,00         Cost         100.0 %         Cost         23.31           Denofit         T         108,00         10.00 %         Cost         Cost         Cost           Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost</td><td>Operation         Nume of Road         RR-27           Long hof Road         6.5 Km           Cost         33,875           Unit OeM Cost         17.0           Oct         Cost           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Total         Cost           Tit         111           111         113           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111</td></td></td>	<td>Name of Rood       RR-27         Largth of Rood       6.5 Km         Cost       (Unit 0.26M Cost       110.5         Breefit       To 0.86M Cost       110.5         Cost       Cost         111       III       Cost         III       Cost       Cost         III       Cost       Cost         IIII       III       Cost       Cost         IIII       IIII       Cost       Cost       Cost       Cost       Cost       Cost       Cost       SPS         IIII       IIII       SPS<td>Name of Road       RR-27       Name of Road       Name of Road         Cost       38,875       0.080 %       Cost       Cost         Dini (O&amp;M Cost       17.0       0.84 Cost       110.5       Benefit       T         Cost       0.000 %       (Unit : 1,000 Taka)       A       A         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Total       Becaefit       Net Benefit       Year       Construction         Tit       111       11322.0       1,242       2       2         111       111       2,318       2,301       3       4         111       111       2,318       2,301       1       1         1111       111       2,532.2       2,422       9       1       1         1111       111       2,532.3       2,422       1       1       1       1       1       1       1       1       1</td><td>Name of Road         RR-27           Largh of Road         6.5 Kn           Cost         38,875           Unit Cost Cost         10.00 %           Cost         0.00 %           Unit Cost Cost         10.00 %           Cost         0.00 %           Cost         0.00 %           Cost         0.00 %           Cost         0.00 %           Cost         Cost           Cost         Cost           Cost         Cost           Cost         Cost           38,875         0           111         1,747.6           111         1,767.4           111         1,767.4           111         1,767.4           111         1,767.4           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,7402.3</td><td>Name of Road         RR-27         Nume of Road         RR-28           Larght of Road         6.5 Km         Cost         33,375         Cost         33,375           Denofit         T         106,004         Cost         110.5         Earsth of Road         6.5 Km           Denofit         T         106,00         Cost         100.0 %         Cost         23.31           Denofit         T         108,00         10.00 %         Cost         Cost         Cost           Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost</td><td>Operation         Nume of Road         RR-27           Long hof Road         6.5 Km           Cost         33,875           Unit OeM Cost         17.0           Oct         Cost           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Total         Cost           Tit         111           111         113           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111</td></td>		Name of Rood       RR-27         Largth of Rood       6.5 Km         Cost       (Unit 0.26M Cost       110.5         Breefit       To 0.86M Cost       110.5         Cost       Cost         111       III       Cost         III       Cost       Cost         III       Cost       Cost         IIII       III       Cost       Cost         IIII       IIII       Cost       Cost       Cost       Cost       Cost       Cost       Cost       SPS         IIII       IIII       SPS <td>Name of Road       RR-27       Name of Road       Name of Road         Cost       38,875       0.080 %       Cost       Cost         Dini (O&amp;M Cost       17.0       0.84 Cost       110.5       Benefit       T         Cost       0.000 %       (Unit : 1,000 Taka)       A       A         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Total       Becaefit       Net Benefit       Year       Construction         Tit       111       11322.0       1,242       2       2         111       111       2,318       2,301       3       4         111       111       2,318       2,301       1       1         1111       111       2,532.2       2,422       9       1       1         1111       111       2,532.3       2,422       1       1       1       1       1       1       1       1       1</td> <td>Name of Road         RR-27           Largh of Road         6.5 Kn           Cost         38,875           Unit Cost Cost         10.00 %           Cost         0.00 %           Unit Cost Cost         10.00 %           Cost         0.00 %           Cost         0.00 %           Cost         0.00 %           Cost         0.00 %           Cost         Cost           Cost         Cost           Cost         Cost           Cost         Cost           38,875         0           111         1,747.6           111         1,767.4           111         1,767.4           111         1,767.4           111         1,767.4           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,7402.3</td> <td>Name of Road         RR-27         Nume of Road         RR-28           Larght of Road         6.5 Km         Cost         33,375         Cost         33,375           Denofit         T         106,004         Cost         110.5         Earsth of Road         6.5 Km           Denofit         T         106,00         Cost         100.0 %         Cost         23.31           Denofit         T         108,00         10.00 %         Cost         Cost         Cost           Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost</td> <td>Operation         Nume of Road         RR-27           Long hof Road         6.5 Km           Cost         33,875           Unit OeM Cost         17.0           Oct         Cost           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Total         Cost           Tit         111           111         113           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111</td>	Name of Road       RR-27       Name of Road       Name of Road         Cost       38,875       0.080 %       Cost       Cost         Dini (O&M Cost       17.0       0.84 Cost       110.5       Benefit       T         Cost       0.000 %       (Unit : 1,000 Taka)       A       A         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Cost       Total       Becaefit       Net Benefit       Year       Construction         Cost       Total       Becaefit       Net Benefit       Year       Construction         Tit       111       11322.0       1,242       2       2         111       111       2,318       2,301       3       4         111       111       2,318       2,301       1       1         1111       111       2,532.2       2,422       9       1       1         1111       111       2,532.3       2,422       1       1       1       1       1       1       1       1       1	Name of Road         RR-27           Largh of Road         6.5 Kn           Cost         38,875           Unit Cost Cost         10.00 %           Cost         0.00 %           Unit Cost Cost         10.00 %           Cost         0.00 %           Cost         0.00 %           Cost         0.00 %           Cost         0.00 %           Cost         Cost           Cost         Cost           Cost         Cost           Cost         Cost           38,875         0           111         1,747.6           111         1,767.4           111         1,767.4           111         1,767.4           111         1,767.4           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,737.6           111         1,7402.3	Name of Road         RR-27         Nume of Road         RR-28           Larght of Road         6.5 Km         Cost         33,375         Cost         33,375           Denofit         T         106,004         Cost         110.5         Earsth of Road         6.5 Km           Denofit         T         106,00         Cost         100.0 %         Cost         23.31           Denofit         T         108,00         10.00 %         Cost         Cost         Cost           Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost         Cost	Operation         Nume of Road         RR-27           Long hof Road         6.5 Km           Cost         33,875           Unit OeM Cost         17.0           Oct         Cost           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Cost         Total           Total         Cost           Tit         111           111         113           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111           111         111

I			1	Kochua	Upazila)	79/1M -					
		Cost and	d Benefit S		Opazita)		······································	Cost and	t Benefit Str	้ะรถา	
			1. N. 1.							tana -	
τ	Upazila	KACHU	A	No. 3	33		Jpazila	KACHU	A <u>.</u> .	No.	34
	Name of Road	RR-31				·   1	Namic of Road	RR-32			
ĩ	Length of Road	6.5 1	Km				ength of Road	1 3.5 K	lm -		
· (	Cost	41,013			er a d		Cost	19,576			
Ĩ	Unit O&M Cost	17.0	O&M Cost	110.5			Jnit O&M Cos	it 17.0	O&M Cost	59.5	
, ī	Benefit T						કેલ્લર્સા 1				
	A	1,589.0	10.00 %	(Unit : 1,00	0.75-60		1	379.0	10.00 %	(Unit : 1,00	() Taka)
	<u> </u>	Cost	<del></del>	(Uait : 1,00			· · · · · · · · · · · · · · · · · · ·	Cost		(0111 : 1,00	
Year	Construction Cost		Total	Berefit	Net Benefit	Year	Construction Cost		Total	Benefit	Net Benefi
1	41,013	0	41,013	. 0.0	-41,013	1	19,576	0	19,576	0.0	-19,570
2		- 111	111	1,753.0	1,643	2		60	60 60	408.0	34
3			.111	1,911.9 2,036.7	1,801 1,976	3		60 60	60 60	445.9 487.6	384 421
5		111	111	2,279.0	2,168	5		60	60	533.4	47
6	· · · ·	111	111	2,490.5	2,380	6		60	60	583.9	52
7 8				2,723.1 2,979.0	2,613	8		60 60	60 60	639.4 700.4	584 64
8 9		111	- 111 .	3,260.5	3,150	9		60	60	767.6	70
10		111	· 111	3,570.2	3,460	10		60	60	841.4	78
11		111	111	3,910.8	3,800 4,175	11		60 60	60 60	922.7 1,012.0	86 95
. 12 13				4,285.5 4,697.6	4,173	12		60	60 60	1,110.3	1,05
14.		111	111	5,151.0	5,040	. 14		60	60	1,218.5	1,15
. 15		- 111	- 111	5,649.7	5,539	15		60 60	60	1,337.4	1.27
16 17	• •		111	6,198.2 6,801.6	6,088 6,691	16		60 60	60 60	1,468.3 1,612.2	1,40 1,55
· 18	· · ·	111	iii	7,465.4	7,355	18		60	60	1,770.5	1,71
19		111	111	8,195.6	8,085	19		60	60	1,944.6	1,88
20		111	111	8,998.7	8,888	20		. 60	60	2,136.2	2,07
	IRR =	6 9	6			L	IRR =	-19			
		Cost en	i Benefit S	fream		[	······	Cost and	l Beaefit Str		
								- 1			26
	Upazila	KACHU	A	No, 3	35		Jpazila	KACHU			36
1	Name of Road	RR-33		<u>No, 3</u>	35	1	ame of Road	KACHU RR-34	A _		36
1 I	Name of Road Length of Road	RR-33 3.5 I		<u>No, 3</u>	35		lame of Road ength of Road	KACHU RR-34 1 2.5 F	A _		36
1 I 	Name of Road Length of Road Cost	RR-33 3.5 1 19,774	ረጣ		35		Name of Road .ength of Road Cost	KACHU RR-34 1 2.5 F 23,009	A _	No.	36
	Name of Road Length of Road Cost Unit O&M Cost	RR-33 3.5 1 19,774 17.0		<u>No. 3</u>	35		Vame of Road ength of Road Cost Init O&M Cos	KACHU RR-34 23,009 at 17.0	A _		36
1 1 2 1	Name of Road Length of Road Cost Unit O&M Cost Benefit T	RR-33 3.5 I 19,774 17.0 71.0	Km O&M Cost	59.5	<u>15</u>		Name of Road angth of Road Cost Init O&M Cos Benefit 1	KACHU RR-34 1 2.5 F 23,009 at 17.0 13.0	A _	No. 42.5	<u>36</u>
1 1 2 1	Name of Road Length of Road Cost Unit O&M Cost	RR-33 3.5 I 19,774 17.0 71.0	ረጣ	59.5			Vame of Road ength of Road Cost Init O&M Cos	KACHU RR-34 1 2.5 F 23,009 at 17.0 13.0	A	No. 42.5	
	Name of Road Length of Road Cost Unit O&M Cost Benefit T A	RR-33 3.5 1 19,774 17.0 71.0 1,032.0 Cost	Cm 10.00 %	59.5 (Unit : 1,000	O Teka)	1	Vame of Road ength of Road Cost Juit O&M Cos Senetit	KACHU RR-34 1 2.5 F 23,009 at 17.0 13.0 389.0 Cost	A	No. 42.5 (Unit : 1,00	10 Taka)
1 1 2 1	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 I 19,774 17.0 71.0 1,032.0 Cost O&M Cost	(m <u>0&amp;M Cost</u> 10.00 % Total	59.5 (Unit : 1,00) Benefit	0 Teka) Net Benefit	Ycar	Construction Cost	KACHU RR-34 1 2.5 F 23,009 1 17.0 1 13.0 1 359.0 Cost Cost Cost	A	No. 42.5 (Unit : 1,00 Bencfit	0 Taka) Net Benef
t C C C C C C C C C C C C C C C C C C C	Name of Road Length of Road Cost Unit O&M Cost Benefit T <u>A</u> Construction	RR-33 3.5 I 19,774 17.0 71.0 1,032.0 Cost O&M Cost 0 0	(m 0&M Cost 10.00 % Total 19,774	59.5 (Unit : 1,00) Benefit 0.0	0 Teka) Net Benefit -19,774	Year	Vame of Road ength of Road Cost Juit O&M Cos Senefit Z Construction	KACHU RR-34 1 2.5 H 23,009 at 17.0 1 13.0 Cost Cost Cost 0	A .m 	No. 42.5 (Unit : 1,00 Benefit 0.0	0 Taka) Net Benef -23,00
Year 1 2	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 I 19,774 17.0 71.0 1,032.0 Cost O&M Cost 0 60	(m 0&M Cost 10.00 % Total 19,774 60	59.5 (Unit : 1,00) Benefit 0.0 1,103.0	0 Teks) Net Benefit -19,774 1,044	Year 1 2	Construction Cost	KACHU RR-34 1 2.5 F 23,009 11 17.0 13.0 Cost 1 O&M Cost 1 O&M Cost 0 43	A	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0	Ю Така) Net Benef -23,00 36
t C C C C C C C C C C C C C C C C C C C	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 I 19,774 17.0 71.0 1,032.0 Cost O&M Cost 0 0	(m 0&M Cost 10.00 % Total 19,774	59.5 (Unit : 1,00) Benefit 0.0	0 Teka) Net Benefit -19,774 1,044 1,147 1,260	1 4 Year	Construction Cost	KACHU RR-34 23,009 11 17.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	A 	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7	0 Taka) Net Benef -23,00 36 39 44
1 2 3 4 5	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 H 19,774 17.0 71.0 1,032.0 Cost Cost Cost Cost Cost Cost Cost Cost	Cm <u>O&amp;M Cost</u> <u>10.00 %</u> Total 19,774 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6	0 Teka) Net Benefit -19,774 1,044 1,147 1,260 1,385	1 4 Year 1 2 3 4 5	Construction Cost	KACHU RR-34 1 2.5 F 23,009 at 17.0 1 13.0 Cost Cost Cost Cost 0 43 43 43 43	A Cm O&M Cost 10.00 % Total 23,009 43 43 43 43 43	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8	0 Taka) Net Benef -23,00 36 39 44 48
Year 1 2	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 I 19,774 17.0 71.0 71.0 71.0 71.0 70.0 Cost Cost Cost Cost 0 60 60 60 60 60 60	Cm <u>O&amp;M Cost</u> 10,00 % Total 19,774 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0	0 Teka) Net Benefit -19,774 1,044 1,147 1,260 1,385 1,522	1 1 1 1 1 2 3 4 5 6	Construction Cost	KACHU RR-34 1 2.5 F 23,009 11 17.0 13.0 Cost Cost Cost Cost Cost 0 43 43 43 43 43 43	A Cm O&M Cost 10.00 % 10.00 % 23,009 43 43 43 43 43 43	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8 582.5	0 Taka) Net Benef -23,00 36 39 44 48 54
Year 1 2 3 4 5	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 I 19,774 17.0 71.0 1,032.0 Cost Cost Cost 0 60 60 60 60 60 60 60 60 60	Cm <u>O&amp;M Cost</u> 10.00 % Total 19,774 60 60 60 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0 1,733.0	0 Teka) Net Benefit -19,774 1,044 1,147 1,260 1,385 1,522 1,674	1 4 Year 1 2 3 4 5	Construction Cost	KACHU RR-34 1 2.5 F 23,009 at 17.0 1 13.0 Cost Cost Cost Cost 0 43 43 43 43	A Cm O&M Cost 10.00 % Total 23,009 43 43 43 43 43	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8	0 Taka) Net Benef -23,00 36 39 44 48 54 59 66
1 2 3 4 5 6 7	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 I 19,774 17.0 71.0 71.0 71.0 71.0 70.0 Cost Cost Cost Cost 0 60 60 60 60 60 60	Cm <u>O&amp;M Cost</u> 10,00 % Total 19,774 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0	0 Teka) Net Benefit 1,044 1,147 1,260 1,385 1,522 1,674 1,840 2,023	1 4 5 6 7 8 9	Construction Cost	KACHU RR-34 23,009 11 25 F 23,009 11 7.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	A Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored Colored	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8 582.5 639.5 702.1 771.1	0 Taka) Net Benef -23,00 36 39 44 48 54 54 54 54 54 72
1 2 3 4 5 6 7 8 9 10	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 H 19,774 17.0 71.0 71.0 71.0 71.0 71.0 71.0 70.0 8 0 60 60 60 60 60 60 60 60 60 60 60 60 6	Cm <u>O&amp;M Cost</u> 10.00 % Total 19,774 60 60 60 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0 1,733.0 1,899.3 2,082.1 2,283.2	0 Teka) Net Benefit -19,774 1,044 1,147 1,260 1,385 1,522 1,674 1,840 2,023 2,224	Ycar 1 2 3 4 5 6 7 8 9 10	Construction Cost	KACHU RR-34 1 2.5 F 23,009 11 17.0 13.0 1389.0 Cost Cost 0 43 43 43 43 43 43 43 43 43 43 43 43 43	A Cm O&M Cost O  10.00 %  10.00 %  23,009 43 43 43 43 43 43 43 43 43 43 43	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8 582.5 639.5 702.1 771.1 846.9	0 Taka) Net Benefi -23,00 36 39 44 48 54 59 66 72 80
1 2 3 4 5 6 7 8 9 10 11	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 I 19,774 17.0 71.0 71.0 71.0 71.0 71.0 71.0 70.0 8 0 60 60 60 60 60 60 60 60 60 60 60 60 6	Cm 0&M Cost 10,00 % Total 19,774 60 60 60 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0 1,733.0 1,899.3 2,082.1 2,283.2 2,504.4	0 Teka) Net Benefit -19,774 1,044 1,147 1,260 1,385 1,522 1,674 1,840 2,023 2,224 2,445	1 Year 1 2 3 4 5 6 7 8 9 10 11	Construction Cost	KACHU RR-34 1 2.5 F 23,009 14 17.0 13.0 389.0 Cost Cost Cost 0 43 43 43 43 43 43 43 43 43 43 43 43 43	A Cm O&M Cost 10.00 % 10tal 23,009 43 43 43 43 43 43 43 43 43 43 43 43 43	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8 582.5 639.5 702.1 771.1 846.9 930.2	0 Taka) Net Benefi -23,00 36 39 44 48 54 59 66 72 80 88
1 2 3 4 5 6 7 8 9 9 10 11 12	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 I 19,774 17.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0	Cm 0&M Cost 10.00 % Total 19,774 60 60 60 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0 1,733.0 1,899.3 2,082.1 2,283.2 2,504.4 2,747.7	0 Teka) Net Benefit 1,044 1,147 1,260 1,385 1,522 1,674 1,840 2,023 2,224 2,445 2,688	Ycar 1 2 3 4 5 6 7 8 9 10	Construction Cost	KACHU RR-34 1 2.5 F 23,009 11 17.0 13.0 1389.0 Cost Cost 0 43 43 43 43 43 43 43 43 43 43 43 43 43	A Cm O&M Cost O  10.00 %  10.00 %  23,009 43 43 43 43 43 43 43 43 43 43 43	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8 582.5 639.5 702.1 771.1 846.9	0 Taka) Net Benef -23,00 36 39 44 48 54 59 66 72 80 88 97 1,08
1 2 3 4 5 6 7 8 9 10 11	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 F 19,774 17.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70	Cm 0&M Cost 10,00 % Total 19,774 60 60 60 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0 1,733.0 1,899.3 2,082.1 2,283.2 2,504.4	0 Teka) Net Benefit 1,044 1,044 1,147 1,260 1,385 1,522 1,674 1,840 2,023 2,224 2,445 2,688 2,956 3,250	Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Construction Cost	KACHU RR-34 1 2.5 F 23,009 11 17.0 13.0 1389.0 Cost Cost 0 43 43 43 43 43 43 43 43 43 43 43 43 43	A CM Cost 10.00 % 1000 % 1	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8 582.5 639.5 702.1 771.1 846.9 930.2 1,022.0 1,122.9 1,233.8	0 Taka) Net Benef -23,00 36 39 44 48 59 66 72 80 88 97 1,08 1,19
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 H 19,774 17.0 71.0 71.0 71.0 71.0 Cost Cost Cost 0 60 60 60 60 60 60 60 60 60	Cm <u>O&amp;M Cost</u> 10.00 % Total 19,774 60 60 60 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0 1,733.0 1,899.3 2,082.1 2,283.2 2,504.4 2,747.7 3,015.4 3,309.9 3,633.7	0 Teka) Net Benefit -19,774 1,044 1,147 1,260 1,385 1,522 1,674 1,840 2,023 2,224 2,445 2,688 2,956 3,250 3,574	Ycar 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Construction Cost	KACHU RR-34 1 2.5 F 23,009 11 17.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	A Can O&M Cost 10.00 % 1000 % 23,009 43 43 43 43 43 43 43 43 43 43	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8 582.5 639.5 702.1 771.1 846.9 930.2 1,022.0 1,122.9 1,233.8 1,355.9	0 Taka) Net Benef -23,00 36 39 44 48 54 59 66 72 80 88 97 1,08 1,19 1,31
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 I 19,774 17.0 71.0 71.0 71.0 71.0 Cost Cost Cost 0 60 60 60 60 60 60 60 60 60	Cm 0&M Cost 10,00 % Total 19,774 60 60 60 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0 1,733.0 1,899.3 2,082.1 2,283.2 2,504.4 2,747.7 3,015.4 3,309.9 3,633.7 3,990.0	0 Teka) Net Benefit 1,044 1,044 1,147 1,260 1,385 1,522 1,674 1,840 2,023 2,224 2,445 2,688 2,956 3,250 3,574 3,931	1 Year Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Construction Cost	KACHU RR-34 1 2.5 F 23,009 1t 17.0 13.0 389.0 Cost Cost Cost 0 43 43 43 43 43 43 43 43 43 43 43 43 43	A Can Call Cost 10.00 % 10.00 % 10.00 % 23,009 43 43 43 43 43 43 43 43 43 43	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8 582.5 639.5 702.1 771.1 846.9 930.2 1,022.0 1,122.9 1,233.8 1,355.9 1,490.2	0 Takn) Net Ecnef -23,00 36 39 44 48 59 66 72 80 80 88 97 1,08 1,19 1,31 1,44
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 6 17	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 I 19,774 17.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70	Cm 0&M Cost 10.00 % Total 19,774 60 60 60 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0 1,733.0 1,899.3 2,082.1 2,283.2 2,504.4 2,747.7 3,015.4 3,309.9 3,633.7 3,990.0 4,381.9	0 Tek#) Net Benefit 1,044 1,044 1,147 1,260 1,385 1,522 1,674 1,840 2,023 2,224 2,455 2,688 2,956 3,250 3,574 3,931 4,322	Ycar 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Construction Cost	KACHU RR-34 1 2.5 F 23,009 11 17.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	A Can O&M Cost 10.00 % 1000 % 23,009 43 43 43 43 43 43 43 43 43 43	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8 582.5 639.5 702.1 771.1 846.9 930.2 1,022.0 1,122.9 1,233.8 1,355.9	0 Taka) Net Benef -23,00 36 39 44 48 54 54 54 54 54 54 54 54 54 54 54 54 54
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 8 19	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 F 19,774 17.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70	Cm 0&M Cost 10.00 % Total 19,774 60 60 60 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0 1,733.0 1,899.3 2,082.1 2,283.2 2,504.4 2,747.7 3,015.4 3,309.9 3,633.7 3,990.0 4,381.9 4,813.0 5,287.2	0 Teka) Net Benefit 1,044 1,044 1,147 1,260 1,385 1,522 1,674 1,840 2,023 2,224 2,445 2,688 2,956 3,250 3,574 3,931 4,322 4,754 5,228	Year Year 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16 17 18 19	Construction Cost	KACHU RR-34 1 2.5 F 23,009 11 17.0 13.0 1389.0 Cost 0 43 43 43 43 43 43 43 43 43 43 43 43 43	A Cant O&M Cost 10.00 % 1000 % 23,009 43 43 43 43 43 43 43 43 43 43	No. 42.5 (Unit : 1,00) Benefit 0.0 402.0 440.9 483.7 530.8 582.5 639.5 702.1 771.1 846.9 930.2 1,022.0 1,122.9 1,233.8 1,355.9 1,490.2 1,637.9 1,800.4 1,979.2	0 Taka) Net Benef -23,00 36 39 44 48 54 59 66 72 80 88 97 1,08 1,19 1,31 1,44 1,59 1,75 1,93
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-33 3.5 F 19,774 17.0 71.0 71.0 71.0 Cost Cost Cost Cost 0 60 60 60 60 60 60 60 60 60	Cm 0&M Cost 10.00 % Total 19,774 60 60 60 60 60 60 60 60 60 60	59.5 (Unit : 1,000 Benefit 0.0 1,103.0 1,206.2 1,319.7 1,444.6 1,582.0 1,733.0 1,899.3 2,082.1 2,283.2 2,504.4 2,747.7 3,015.4 3,309.9 3,633.7 3,990.0 4,381.9	0 Teka) Net Benefit 1,044 1,044 1,147 1,260 1,385 1,522 1,674 1,840 2,023 2,224 2,445 2,688 2,956 3,250 3,574 3,951 4,322 4,754	1 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Construction Cost	KACHU RR-34 23,009 11 25 F 23,009 11 7.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	A CRM Cost 10.00 % 1000 % 1000 % 23,009 43 43 43 43 43 43 43 43 43 43	No. 42.5 (Unit : 1,00 Benefit 0.0 402.0 440.9 483.7 530.8 582.5 639.5 702.1 771.1 846.9 930.2 1,022.0 1,122.9 1,233.8 1,355.9 1,490.2 1,637.9 1,800.4	

### Table G.1.13Calculation Table for IRR(Kachua Upazila) (9/10)

		1.1.1			Upazila)	(					
	**************************************	Cost an	d Benefit S	tream	<u></u>			Cost an	d Bénefit St	ream	
	Upazila	KACHL	TA	No.	37		Upazila	KACHU	JA	No.	38
		RR-35	· · ·				Name of Road				
	Length of Road	13.3	Km		en en la Rece		Length of Road	13.0	Km	· · .	
	1 · · · · ·		i u	1.1			Cost	48,937			
	Cost	50,184	in a start of	men			Unit O&M Cost		O&M Cost	221.0	· · · · · · · · · · · · · · · · · · ·
	Unit O&M Cost		O&M Cost	225.3	1.1.1	a starte de la composition de	Benefit T		Uddni Cost		· · · ·
· · .	Benefit T	and the second data and th	10.00 %				A		10.00 9	6	1 
1 A. A. A. A.	<u></u>			(Unit : 1,0	00 Taka)					(Unit : 1,0	0 Taka)
		Cost			·····			Cest			
Year	Construction Cost	O&M Cost	Total	Benefit	Net Benefit	Year	Construction Cost	O&M Cost	Total	Benefit	Net Benefit
	50,184	0	50,184	0.0	-50,184		48,937	. 0	48,937	0.0	-48,937
12		225	225	754.0	529	2		221	221	1,798.0	1,577
3		225	225	819.4	594	3		221	221	1,974.8	1,754
. 4	1 A A A A A A A A A A A A A A A A A A A	225	225	891.3	656 245	4	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	221 221	221 221	2,169.3 2,383.2	1,948 2,162
6		225 225	225 225	970.5 1,057.5	745 832	6		221	221	2,618.5	2,398
. 7		225	225	1,153.3	928	7		221	221	2,877.4	2,656
. 8	3	225	225	1,258.6	1,033	8		221	221	3,162.1	2,941 3,254
9		225	225	1,374.5	1,149 1,277	9		221 221	221 221	3,475.3 3,819.9	3,234
10		225 225	225	1,501.9				221	221	4,198.9	3,978
12		225	225	1,796.3	1,571	12		221	221	4,615.7	4,395
. 13		225	225	1,965.9	1,741	13		221	221	5,074.3	4,853 5,358
14		225	225 225	2,152.5 2,357.8	1,927 2,133	14		221	221 221	5,578.7 6,133.6	5,913
15 16		225 225	225	2,537.8	2,155	16		221	221	6,744.0	6,523
17		225	225	2,831.9	2,607	17		221	221	7,415.4	7,194
18	5	225	225	3,105.1	2,880	18		221	221	8,153.9	1,933
19		225	225	3,405.6	3,180	19		221	221	8,966.3 9,859.9	8,745
20	,	225		3,736.2	3,511	20		مدمد مشتقد		-,007.7	
	IRR =	-4 '	%				IRR ≂	4.5	*		<u> </u>
· · · ·											
		·				1.2					
· · · ·		Cost an	d Benefit S	tream				Cost an	d Benefit St	ream	
· · ·			d Benefit S				Ilmanita				· · · ·
		Cost and KACHU		tream No.			Upazila Nerris of Poed	Cost an KACHU		ream No.	
· .	Name of Road	KACHU	JA				Name of Road	KACHU	JA		· · · · · · · · · · · · · · · · · · ·
· · · · ·	Name of Road Length of Road	KACHU 0.0	JA				Name of Road Length of Road	KACH(	JA		
	Name of Road Length of Road Cost	KACHU 0.0 0	JA Km	No.			Name of Road Length of Road Cost	KACH( 0.0 ) 0	JA Km	No.	· · · · · · · · · · · · · · · · · · ·
	Name of Road Length of Road Cost Unit O&M Cost	KACHU 0.0 0 0.0	JA	No.			Name of Road Length of Road Cost Unit O&M Cost	KACHU 0.0 1 0 1 0.0	JA		
	Name of Road Length of Road Cost Unit O& Cost Benefit T	KACHU 0.0 0 0.0 0.0	JA Km <u>O&amp;M Cost</u>	No. 0.0			Name of Road Length of Road Cost Unit O&M Cost Benefit T	KACHU 0.0 1 0 1 0.0 0.0	JA Km	<u>No.</u> 0.0	
	Name of Road Length of Road Cost Unit O&M Cost	KACHU 0.0 0 0.0 0.0	JA Km	No. 0.0	 00 Teka)		Name of Road Length of Road Cost Unit O&M Cost	KACHU 0.0 1 0 1 0.0 0.0	JA Km <u>O&amp;M Cost</u>	No. 0.0	00 Teka)
	Name of Road Length of Road Cost Unit O& Cost Benefit T	KACHU 0.0 0 0.0 0.0	JA Km <u>O&amp;M Cost</u>	No. 0.0 (Unit : 1,0			Name of Road Length of Road Cost Unit O&M Cost Benefit T A	KACHU 0.0 0 0.0 0.0 0.0 Cost	JA Km <u>0&amp;M Cost</u> 0.00 5	No. 0.0 6 (Uait : 1,0	
Year	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	KACHU 0.0 0 0.0 0.0 0.0 0.0 0.0 Cost	JA Km <u>O&amp;M Cost</u>	No. 0.0 (Unit : 1,0	00 Taka) Net Benefit	Year	Name of Road Length of Road Cost Unit O&M Cost Benefit T A	KACHU 0.0 0 0.0 0.0 0.0 Cost	JA Km <u>O&amp;M Cost</u>	<u>No.</u> 0.0	00 Teke) Net Benefit
	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	KACHU 0.0 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	JA Km <u>0&amp;M Cost</u> 0.00 %	No. 0.0 (Unit : 1,0		Year	Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction	KACHU 0.0 0 0.0 0.0 0.0 Cost 0&M	JA <u>O&amp;M Cost</u> 0.00 5 Total 0	No. 6.0 (Unit : 1,0) Benefit 0.0	Net Benefil
Year 1	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 0.0 0 0 0 0 0 0 0 0	JA Km 02M Cost 0.00 % Total	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0	Net Benefit 0 0	1	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 1 0 0.0 0 0.0 0 0.0 0 0.0 0 0 Cost 0 0 0 0 0	JA <u>O&amp;M Cost</u> 0.00 9 Total 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0	Net Benefit 0 0
1	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0	JA Km <u>0,&amp;M Cost</u> 0.00 % Total 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0	Net Benefit 0 0 0 0	 1 2 3	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0	JA <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0	Net Benefit 0 0 0 0
1 2 3 4	Name of Road Length of Road Cost Unit O& M Cost Benefit T Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0	JA Km 0.00 %  Total 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0	Net Benefit 0 0 0 0 0 0 0	1 2 3 4	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 1 0 0.0 0 0.0 0 0.0 0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	JA <u>C&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0	No. 6. (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0	Net Benefit 0 0
1	Name of Road Length of Road Cost Unit O& M Cost Benefit T Construction Cost 0	KACHU 0.0 0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0	JA Km <u>0,&amp;M Cost</u> 0.00 % Total 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0	Net Benefit 0 0 0 0	1 2 3 4 5	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0	JA <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0	Net Benefit 0 0 0 0
1 2 3 4	Name of Road Length of Road Cost Unit O& M Cost Benefit T Construction Cost 0	KACHU 0.0 0 0.0 0.0 0.0 0.0 0.0 0.0	JA <u>0.82M Cost</u> <u>0.00 %</u> Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 6 7	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.01 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	JA <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 6.0 6.1 6.1 6.1 6.1 6.1 8.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8	Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	IA <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 6 7 7 8	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	JA <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 8 9	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	JA Km <u>0.82M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 4 5 6 7 7 8 9 9	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 1 0 0 0.0 1 0.0 1 0.0 1 0.0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	JA <u>C&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 6. (Unit : 1,00 6. (Unit : 1,00 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 8 9 9	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0 0.0 0.0 0.0 0.0 0.0 0.0	IA <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 4 5 6 6 7 8 9 9 10	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	JA <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 8 9	Name of Road Length of Road Cost Unit O&M Cost Benefit T A r Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	JA <u>0.62M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 5 6 7 8 9 9 9 10 11 12	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.01 0 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0	JA Km <u>0.60 9</u> <u>Total</u> 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 6. (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 8 9 10 11	Name of Road Length of Road Cost Unit O& M Cost Benefit T Construction Cost 0 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	IA Km <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 6 7 8 9 9 10 11 11 12 13	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	JA Km <u>0.00 9</u> Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 6 (Unit : 1,00 8 8 0.0 0.0 0.0 0.0 0.0 0.0	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 8 9 10 11 11 12 13 13	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	JA Km <u>0.22M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 6 6 7 8 9 9 10 11 11 12 13 14	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.01 0 0.00 0.00 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0	JA Km <u>0.00 %</u> Totel 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 6 (Unit : 1,00 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 8 8 9 10 11 12 13 13 14 15	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	IA Km <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 6 7 7 8 9 9 9 10 11 11 12 13 3 14 15	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	JA Km <u>0.00 9</u> Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 6 (Unit : 1,00 8 8 0.0 0.0 0.0 0.0 0.0 0.0	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 7 8 8 9 9 10 11 12 13 13 14 15 16	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	IA Km <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 6 7 7 8 9 9 9 10 11 11 12 13 14 4 14 15 16	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	JA Km <u>0&amp;M Cost</u> <u>0.00 5</u> Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 6. (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 13 14 15 16 17 18	Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	JA Km <u>0.22M Cost</u> <u>0.00 %</u> Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 16 17 18	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	JA Km O&M Cost 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. (Unit : 1,00 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14 15 16 17 18 19	Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	JA Km <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 6 6 6 7 8 9 9 10 11 12 13 14 15 16 16 17 18 19	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.01 0.02 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	JA Km <u>0.00 5</u> <u>0.00 5</u>	No. 0.0 6 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 13 14 15 16 17 18	Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	JA Km <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 16 17 18	Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 0	KACHU 0.0 1 0 0.0 0 0.0 0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	JA Km O&M Cost 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 6 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14 15 16 17 18 19	Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 0	KACHU 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	IA <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 4 5 6 6 6 7 8 9 9 10 11 12 13 14 15 16 16 17 18 19	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 0	KACHU 0.01 0.02 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03	JA Km O&M Cost 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 6 (Unit : 1,0 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Table G.1.13 Calculation Table for IRR (Kachua Upazila) (10/10)

		Cost and	d Benefit S	stream						Cost an	d Benefit St	ream	
	Upazila	NABINA	AGAR	No.	1	· ·			Upazila	NABIN	AGAR	No.	2
	Name of Road Length of Road		Čm		12		·		Name of Road Length of Road	FB-2 12.9 I	ርጠ	:	
	Cost	31,035		*					Cost	49,292			
•	Unit O&M Cos	20.0	O&M Cost	94.0				-	Unit O&M Cos		O&M Cost	257.4	
• •	Benefit 1		10.00 9	6 "(Unit : 1,00	00 Taka	)				2,920.0	10.00 9	% (Uait : 1,00	0 Taka)
Year	r Construction	Cost	Total	Benefit	Net	Benefit		Year	Construction	Cost O&M	Total	Benefit	Net Benefit
164	Cost	Cost	1044						Cost	Cost			
1	31,035	0	31,035	0.0	- <u>-</u>	-31,035 2,670		1	49,292	0 257	49,292 257	0.0 5,798.0	-49,292 5,541
23		94 94	94 94	2,764.0 2,973.7		2,880		3		257	257	6,085.8	5,828
4	\$	94	94	3,204.4		3,110	20	4		257	257	6,402.4	6,145
. 5	5	94 94	94	3,458.1 3,737.2		3,364		6		257 257	257	6,750.6 7,133.7	6,493 6,876
1	1	94	94	4,044.2		3,950		1	· .	257	257	7,555.0	7,298
8	3	94	94	4,382.0		4,288	2 de	8		257	257	8,018.6	7,761
9 10		94 94	94	4,753.5		4,659		9 10	e 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997	257 257	257 257	8,528.4 9,089.2	8,271 8,832
10   - 11		94	94	5,611.6		5,518		iĭ		257	257	9,706.2	9,449
12	2	94	94	6,106.1		6,012		12		257	257	10,384.8	10,127
13		94 94	94 94	6,650.0 7,248.3		6,556 7,154		13 14		257 257	257	11,131.3 11,952.4	10,874 11,695
14 15		94 94	94 94	7,906.4		7,812		15		257	257	12,855.6	12,598
16	5	94	94	8,630.4		8,536		16		257	257	13,849.2	13,592
17		94 94	94 94	9,426.7 10,302.7		9,333 10,209		17		257 257	257 257	14.942.1 16.144.3	14,685 15,887
19		· 94	94	11,266.2		11,172		19		257	257	17,466.8	17,209
20	)	94	94	12,326.1		12,232	÷.,	20	· · · · · · · · · · · · · · · · · · ·	257	257	18,921.4	18,664
	IRR =	- 13 9	6			1			IRR =	15 9	6		
			-	· · · · · · · · · · · · · · · · · · ·									
				<u>.</u>		l	1				- 		
	i	Cost and	i Benefit S	itream		l		· · ·			d Benefit St	(ne91	]
	Upazila		i Benefit S	itreanı No.	3				Upazila		d Benefit St	геят No	4
	Upazila Name of Road	NABINA RR-1	l Benefit S AGAR		3				Upazila Name of Road	Cost and NABINA RR-2	d Benefit St AGAR		4
	Name of Road Length of Road	NABIN/ RR-1 9.0 I	l Benefit S AGAR		3				Upazila Name of Road Length of Road	Cost and NABIN/ RR-2 7.0 f	d Benefit St AGAR		4
	Name of Road Length of Road Cost	NABIN/ RR-1 9.0 I 47,489	l Benefit S AGAR (m	No.	3			-	Upazila Name of Road	Cost and NABIN/ RR-2 7.0 f 34,110	d Benefit St AGAR		4
	Name of Road Length of Road Cost Unit O&M Cos Benefit T	NABIN/ RR-1 9.0 F 47,489 1 17.0 210.0	l Benefit S AGAR	No.	3			-	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T	Cost and NABIN/ RR-2 7.0 f 34,110 1 17.0 92.0	d Benefit St AGAR (m <u>O&amp;M Cost</u>	No.	4
	Name of Road Length of Road Cost Unit O&M Cos Benefit T	NABIN/ RR-1 9.0 I 47,489 1 17.0	l Benefit S AGAR (m	No. 153,0				-	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T	Cost and NABIN/ RR-2 7.0 f 34,110 17.0	d Benefit St AGAR Am	No.	
Year	Name of Road Length of Road Cost Unit O&M Cos Benefit T A	NABIN/ RR-1 9.0 F 47,489 1 17.0 210.0 1,986.0 Cost	f Benefit S AGAR (m O&M Cost	<u>No.</u> 153.0		) Benefit		-	Upazila Name of Road Length of Road Cost Unit O&M Cos Bedefit T A	Cost and NABIN/ RR-2 7.0 f 34,110 17.0 92.0 1,130.0	d Benefit St AGAR (m <u>O&amp;M Cost</u>	<u>No.</u> 119.0	
	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 H 47,489 1 17.0 210.0 1,586.0 Cost Cost Cost 0	I Benefit S AGAR (m 0&M Cost 10.00 2 Total 47,489	<u>No.</u> 153.0 (Unit : 1.00 Benefit 0.0	00 Taka) Net	Benefit -47,489		Year	Upazila Name of Road Length of Road Cost Unit O&M Cos Bettefit T A Construction	Cost and NABIN/ RR-2 7.0 g 34,110 1 17.0 92.0 1,130.0 Cost O&M Cost 0	d Benefit St AGAR (m O&M Cost 10.00 5 Totel 34,110	No. 119.0 (Unit : 1,00 Benefit 0.0	0 Taka) Net Benefit -34,110
	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1 17.0 210.0 1,986.0 Cost 1 O&M Cost 0 153	I Benefit S AGAR (m 0&M Cost 10,00 2 Total 47,489 153	No. 153.0 5 (Unit : 1,00 Benefit 0.0 2,196,0	00 Taka) Net	Benefit -47,489 2,043		Усяг 1 2	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 1 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit St AGAR (m <u>O&amp;M Cost</u> 10.00 5 Total 34,110 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0	0 Taka) Net Benefit
	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 H 47,489 1 17.0 210.0 1,586.0 Cost Cost Cost 0	I Benefit S AGAR (m 0&M Cost 10.00 2 Total 47,489	<u>No.</u> 153.0 (Unit : 1.00 Benefit 0.0	00 Taka) Net	Benefit -47,489		Year	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 1 17.0 92.0 1,130.0 Cost Cost Cost Cost 0 119 119 119	d Benefit St AGAR (m <u>O&amp;M Cost</u> <u>10.00 5</u> Totel 34,110 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3	0 Taka) Net Benefit -34,110 1,103 1,216 1,340
1 2 3 4 5	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1 17.0 210.0 1,986.0 Cost Cost Cost Cost Cost Cost Cost Cost	I Benefit S AGAR (m 0&M Cost 10.00 2 Total 47,489 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196.0 2,394.0 2,613.1 2,853.4	00 Taka) Net	Benefit -47,489 2,043 2,242 2,460 2,700		Year 1 2 3 4 5	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost 0 119 119 119 119	d Benefit St AGAR (m <u>O&amp;M Cost</u> 10.00 5 Total 34,110 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477
1 2 3 4 5 6	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1 17.0 210.0 1,586.0 Cost Cost Cost 1 O&M Cost 0 153 153 153 153 153	I Benefit S AGAR (m 0&M Cost 10.00 2 Total 47,489 153 153 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196.0 2,394.6 2,613.1 2,853.4 3,117.7	00 Taka) Net	Benefit -47,489 2,043 2,242 2,460 2,700 2,965		Year 1 2 3 4 5 6	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 1 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit St AGAR (m <u>O&amp;M Cost</u> 10.00 5 Total 34,110 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627
	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1 17.0 210.0 1,986.0 Cost Cost Cost Cost Cost Cost Cost Cost	I Benefit S AGAR (m 0&M Cost 10.00 2 Total 47,489 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196.0 2,394.0 2,613.1 2,853.4	00 Taka) Net	Benefit -47,489 2,043 2,242 2,460 2,700		Year 1 2 3 4 5	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 1 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost Cost 0 0 119 119 119 119 119 119 119	d Benefit St AGAR (m <u>O&amp;M Cost</u> 10.00 5 Totel 34,110 119 119 119 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975
1 2 3 4 5 6 7 8 9	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1 17.0 210.0 1,986.0 Cost Cost Cost Cost Cost 153 153 153 153 153 153 153 153	I Benefit S AGAR (m 0&M Cost 10.00 2 Total 47,489 153 153 153 153 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196,0 2,394,6 2,613.1 2,853.4 3,117.7 3,408.5 3,728.3 4,080.2	00 Taka) Net	Benefit -47,489 2,043 2,242 2,460 2,700 2,965 3,255 3,575 3,927		Year 1 2 3 4 5 6 7 7 8 9	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 1 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost Cost 0 119 119 119 119 119 119 119 119	d Benefit St AGAR (m <u>O&amp;M Cost</u> <u>10.00 5</u> <u>Totel</u> 34,110 119 119 119 119 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9 2,294.1	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975 2,175
1 2 3 4 5 6 7 8 9 9	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 I 47,489 1.17.0 210.0 1.986.0 Cost Cost Cost Cost 1.0&M Cost 0 153 153 153 153 153 153 153 153 153 153	I Benefit S AGAR (m 0&M Cost 10.00 2 10.00 2 10.00 2 10.00 2 153 153 153 153 153 153 153 153 153 153	No. 153,0 (Unit : 1,00 Benefit 0.0 2,196,0 2,613,1 2,853,4 3,117,7 3,408,5 3,728,3 4,080,2 4,467,2	00 Taka) Net	Benefit -47,489 2,043 2,242 2,460 2,700 2,965 3,255 3,575 3,927 4,314		Year 1 2 3 4 5 6 7 7 8 9 10	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 1.17.0 92.0 1.130.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit St AGAR (m <u>O&amp;M Cost</u> <u>10.00 5</u> <u>Total</u> 34,110 119 119 119 119 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9 2,294.1 2,514.3	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975 2,175 2,395
1 2 3 4 5 6 7 8 9	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1 17.0 210.0 1,986.0 Cost Cost Cost Cost Cost 153 153 153 153 153 153 153 153	I Benefit S AGAR (m 0&M Cost 10.00 2 Total 47,489 153 153 153 153 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196,0 2,394,6 2,613.1 2,853.4 3,117.7 3,408.5 3,728.3 4,080.2	00 Taka) Net	Benefit -47,489 2,043 2,242 2,460 2,700 2,965 3,255 3,575 3,927 4,314 4,740 5,208		Year 1 2 3 4 5 6 7 7 8 9	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost Cost Cost 119 119 119 119 119 119 119 119 119 11	d Benefit St AGAR (m <u>O&amp;M Cost</u> 10.00 5 Total 34,110 119 119 119 119 119 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9 2,294.1 2,514.3 2,756.5 3,022.9	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975 2,175 2,395 2,637 2,904
1 2 3 4 5 6 7 8 9 10 11 12 13	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1.17.0 210.0 1.986.0 Cost Cost Cost Cost 1.0&M Cost 0 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53	I Benefit S AGAR Cm 0.&M Cost 10.00 2 Total 47,489 153 153 153 153 153 153 153 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196.0 2,394.6 2,613.1 2,853.4 3,117.7 3,408.5 3,728.3 4,080.2 4,467.2 4,892.9 5,361.2 5,876.3	00 Taka) Net	Benefit -47,489 2,043 2,242 2,460 2,700 2,965 3,255 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,5755 3,5755 3,5755 3,5755 3,5755 3,5		Year 1 2 3 4 5 6 7 7 8 9 10 11 12 2 13	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 1 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost Cost 119 119 119 119 119 119 119 119 119 11	d Benefit St AGAR (m <u>O&amp;M Cost</u> <u>10.00 5</u> <u>Total</u> 34,110 119 119 119 119 119 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9 2,294.1 2,514.3 2,756.5 3,022.9 3,316.0	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975 2,175 2,395 2,637 2,904 3,197
1 2 3 4 5 6 7 8 9 10 11 12 13 14	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 I 47,489 1 17.0 210.0 1.986.0 1000 1.986.0 1000 153 153 153 153 153 153 153 153 153 153	I Benefit S AGAR (m O&M Cost 10.00 2 Total 47,489 153 153 153 153 153 153 153 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196.0 2,613.1 2,853.4 3,117.7 3,408.5 3,728.3 4,080.2 4,467.2 4,892.9 5,361.2 5,876.3 6,442.9	00 Taka) Net	Benefit -47,489 2,043 2,242 2,460 2,965 3,255 3,575 3,927 4,314 4,740 5,208 5,723 6,290		Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost Cost Cost 0 119 119 119 119 119 119 119 119 119 1	d Benefit St AGAR (m <u>O&amp;M Cost</u> 10.00 5 Totel 34,110 119 119 119 119 119 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9 2,294.1 2,514.3 2,756.5 3,022.9 3,316.0 3,638.4	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975 2,175 2,395 2,637 2,904 3,197 3,519
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1.17.0 210.0 1.986.0 Cost Cost Cost Cost Cost 1.0&M Cost 0 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53	I Benefit S AGAR Cm 0.&M Cost 10.00 2 Total 47,489 153 153 153 153 153 153 153 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196.0 2,394.6 2,613.1 2,853.4 3,117.7 3,408.5 3,728.3 4,080.2 4,467.2 4,892.9 5,361.2 5,876.3	00 Tekaj Net	Benefit -47,489 2,043 2,242 2,460 2,700 2,965 3,255 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,575 3,5755 3,5755 3,5755 3,5755 3,5755 3,5		Year 1 2 3 4 5 6 7 7 8 9 10 11 12 2 13	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 1 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost Cost 119 119 119 119 119 119 119 119 119 11	d Benefit St AGAR (m <u>O&amp;M Cost</u> <u>10.00 5</u> <u>Total</u> 34,110 119 119 119 119 119 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9 2,294.1 2,514.3 2,756.5 3,022.9 3,316.0 3,638.4 3,993.1 4,383.2	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975 2,175 2,395 2,637 2,904 3,197 3,519 3,874 4,264
1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16	Name of Road Length of Road Cost Unit O&M Cos Benefit 7 A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1 17.0 210.0 1,986.0 Cost 10&M Cost 10&M Cost 10&M Cost 153 153 153 153 153 153 153 153 153 153	3 Benefit S AGAR Cm 0&M Cost 10,00 2 Total 47,489 153 153 153 153 153 153 153 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196.0 2,394.6 2,613.1 2,853.4 3,117.7 3,408.5 3,728.3 4,080.2 4,467.2 4,4892.9 5,361.2 5,876.3 6,442.9 7,056.2 7,751.8 8,506.0	00 Tekaj Net	Benefit -47,489 2,043 2,242 2,460 2,700 2,965 3,255 3,575 3,927 4,314 4,740 5,208 5,723 6,290 6,913 7,599 8,353		Year 1 2 3 4 5 6 7 7 8 9 10 11 12 2 13 14 15 15 16 17	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 1 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost Cost Cost 119 119 119 119 119 119 119 119 119 11	d Benefit St AGAR (m <u>O&amp;M Cost</u> 10.00 5 Totel 34,110 119 119 119 119 119 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9 2,294.1 2,514.3 2,756.5 3,022.9 3,316.0 3,638.4 3,993.1 4,383.2 4,812.3	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975 2,175 2,395 2,637 2,904 3,197 3,519 3,874 4,264 4,693
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 14 15 16 17 18	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1.17.0 210.0 1.986.0 Cost Cost Cost Cost 1.0&M Cost 1.53 1.53 1.53 1.53 1.53 1.53 1.53 1.53	I Benefit S AGAR (m 0.&M Cost 10.00 2 Total 47,489 153 153 153 153 153 153 153 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196.0 2,394.6 2,613.1 2,853.4 3,117.7 3,408.5 3,728.3 4,080.2 4,467.2 4,892.9 5,361.2 5,876.3 6,442.9 7,056.8 8,506.0 9,335.6	00 Tekaj Net	Benefit -47,489 2,043 2,242 2,460 2,700 2,965 3,255 3,255 3,575 3,927 4,314 4,740 5,208 5,723 6,290 6,913 7,599 8,353 9,183		Year 1 2 3 4 5 6 7 7 8 9 10 11 12 2 13 14 15 16 17 18	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 1 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost Cost Cost 119 119 119 119 119 119 119 119 119 11	d Benefit St AGAR (m <u>O&amp;M Cost</u> <u>10.00 5</u> <u>Total</u> <u>34,110</u> 119 119 119 119 119 119 119 119 119 11	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9 2,294.1 2,514.3 2,756.5 3,022.9 3,316.0 3,638.4 3,993.1 4,383.2 4,812.3 5,284.3	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975 2,175 2,395 2,637 2,904 3,197 3,519 3,874 4,264 4,693 5,165
1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1 17.0 210.0 1,986.0 Cost 10&M Cost 10&M Cost 10&M Cost 153 153 153 153 153 153 153 153 153 153	3 Benefit S AGAR Cm 0&M Cost 10,00 2 Total 47,489 153 153 153 153 153 153 153 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196.0 2,394.6 2,613.1 2,853.4 3,117.7 3,408.5 3,728.3 4,080.2 4,467.2 4,4892.9 5,361.2 5,876.3 6,442.9 7,056.2 7,751.8 8,506.0	00 Tekaj Net	Benefit -47,489 2,043 2,242 2,460 2,700 2,965 3,255 3,575 3,927 4,314 4,740 5,208 5,723 6,290 6,913 7,599 8,353		Year 1 2 3 4 5 6 7 7 8 9 10 11 12 2 13 14 15 15 16 17	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 1 17.0 92.0 1,130.0 Cost Cost Cost Cost Cost Cost Cost 119 119 119 119 119 119 119 119 119 11	d Benefit St AGAR (m <u>O&amp;M Cost</u> 10.00 5 Totel 34,110 119 119 119 119 119 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9 2,294.1 2,514.3 2,756.5 3,022.9 3,316.0 3,638.4 3,993.1 4,383.2 4,812.3	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975 2,175 2,395 2,637 2,904 3,197 3,519 3,874 4,264 4,693
1 2 3 4 4 5 6 6 7 8 9 9 10 11 12 13 14 4 15 16 17 18 19	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 I 47,489 1.17.0 210.0 1.986.0 Cost Cost Cost 1.0&M Cost 0 153 153 153 153 153 153 153 153 153 153	3 Benefit S AGAR Cm 0&M Cost 10,00 2 Total 47,489 153 153 153 153 153 153 153 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196,0 2,394,6 2,613.1 2,853.4 3,117.7 3,408.5 3,728.3 4,080.2 4,467.2 4,892.9 5,876.3 6,442.9 7,066.2 7,751.8 8,506.0 9,335.6 10,248.2	00 Tekaj Net	Benefit -47,489 2,043 2,242 2,460 2,700 2,965 3,255 3,575 3,927 4,314 4,740 5,208 5,723 6,290 6,913 7,599 8,353 9,183 10,095		Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and NABIN/ RR-2 7.0 f 34,110 17.0 92.0 1.130.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit St AGAR (m <u>O&amp;M Cost</u> <u>10.00 5</u> <u>Total</u> <u>34,110</u> 119 119 119 119 119 119 119 119 119 11	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9 2,294.1 2,514.3 2,756.5 3,022.9 3,316.0 3,638.4 3,993.1 4,383.2 4,381.2 3,5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.3 5,284.	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975 2,175 2,395 2,637 2,904 3,197 3,519 3,874 4,264 4,693 5,165 5,685
1 2 3 4 4 5 6 6 7 8 9 9 10 11 12 13 14 4 15 16 17 18 19	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 47,489	NABINA RR-1 9.0 F 47,489 1 17.0 210.0 1,986.0 Cost 10&M Cost 0 153 153 153 153 153 153 153 153 153 153	3 Benefit S AGAR Cm 0&M Cost 10,00 2 Total 47,489 153 153 153 153 153 153 153 153 153 153	No. 153.0 (Unit : 1,00 Benefit 0.0 2,196,0 2,394,6 2,613.1 2,853.4 3,117.7 3,408.5 3,728.3 4,080.2 4,467.2 4,892.9 5,876.3 6,442.9 7,066.2 7,751.8 8,506.0 9,335.6 10,248.2	00 Tekaj Net	Benefit -47,489 2,043 2,242 2,460 2,700 2,965 3,255 3,575 3,927 4,314 4,740 5,208 5,723 6,290 6,913 7,599 8,353 9,183 10,095 11,099		Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Upazila Name of Road Length of Road Cost Unit O&M Cos Beacfit T A Construction Cost 34,110	Cost and NABIN/ RR-2 7.0 f 34,110 17.0 92.0 1.130.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit St AGAR (m <u>O&amp;M Cost</u> 10.00 5 Totel 34,110 119 119 119 119 119 119 119 119 119	No. 119.0 (Unit : 1,00 Benefit 0.0 1,222.0 1,335.0 1,459.3 1,596.0 1,746.4 1,911.9 2,093.9 2,294.1 2,514.3 2,756.5 3,022.9 3,316.0 3,638.4 3,993.1 4,383.2 4,812.3 5,284.3 5,284.3 5,284.3 5,803.6 6,374.7	0 Taka) Net Benefit -34,110 1,103 1,216 1,340 1,477 1,627 1,793 1,975 2,175 2,395 2,637 2,904 3,197 3,519 3,874 4,264 4,693 5,165 5,685

2. Coloulation Table for

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		Cost and	d Benefit S		ui Opuzii	( <u>)</u>		Cost an	d Benefit St	ream	
							Upazila	NARIN	AGAR	No.	6
	Upazila	NABIN/	AUAK	No.	5		Name of Road	· · · · · · ·	with		
	Name of Road	RR-3 6,5 I	Km	1. T			Length of Road	2	۲m		
· ·	Length of Road			• * * *				43,131		ante de la composición de la composición Composición de la composición de la comp	·
	Cost	28,181	0414.0				Cost Unit O&M Cos		O&M Cost	119.0	:
	Unit O&M Cost		O&M Cost	110.5			Benefit T		Uttill Cost		
	Benefit T	1,208.0	10.00 %	- ¹			A		10.00 9	6	
	<u></u>			(Unit : 1,00	00 Taka)		 			(Unit : 1,00	0 Taka)
[	r Construction	Cost	Total	Benefit	Net Benefit	Ycar	Construction	Cost	Total	Benefit	Net Benefit
Yea	er Construction	Cost	10(3)	Denetit	Iver benefit	1 CAL	Cost	Cost			1995 1995
	1 28,181	0	28,181	0.0	-28,181	1	43,131	. 0	43,131	0.0	-43,131
1	2	:111	111	1,309.0	1,199	2		119	119	3,912.0	3,793
	3 1.4	111	111	1,429.8	1,319	3		119	119 119	4,279.0 4,682.7	4,160 4,564
1	4	111	111	1,562.7	1,452	5		119	119	5,126.8	5,008
	5 4	111	111	1,708.8	1,759	6		119	119	5,615.2	5,496
	6 7	111	111	2,046.5	1,936	7		119	119	6,152.6	6,034
J I	8		iii	2,241.0	2,131	8		119	119	6,743.6	6,625
	9	111	111	2,455.1	2,345	. 9		119	119	7,393.8	7,275
10	0	. 111	111	2,690.5	2,580	10	- '	119	119	8,109.0	7,990
$\frac{1}{2} > 1$		111	111	2,949.4	2,839	11		119	119	8,895.7	8,777
1:		- 111	111	3,234.2	3,124	12		119	119	9.761.0 10.712.9	9,642 10,594
		111	111	3,547.6	3,437	13		119	119	11 760.0	11,641
1. 14		. 111 . - 111	111	3,892.2 4,271.3	3,782	15	· · · ·	119	119	12,911.8	12,793
		111	in	4.688.4	4,578	16		119	119	14,178.8	14,060
		111	111	5,147.1	5,037	17		119	119	15,572.5	15,454
1 1		in	111	5,651.7	5,541	18	•	119	119	17,105.6	16,987
19	9	111	111	6,206.8	6,096	. 19		119	119	18,791.9	18,673
20	0	ця ,	111	6,817.4	6,707	20		119	119	20,646.9	20,528
-	IRR =	6 5	%		:		IRR =	14	5		
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			<u> </u>	·	······	r	<del></del>				
	. *	Cost and	d Benefit S	tream			$\gamma_{\rm eff} = \Delta r$	Cost an	d Benefit St	ream	
1 .	Upazila	NABIN	AGAR	No.	7		Upazila	NABIN	CAD	· · .	
	Name of Road						opuzia	111 00 24 11	JUAK	No.	8
		KK-J		1.1			Name of Road		JUAK	No.	8
1	Length of Road	RR-5 4.0 I	Кла		i			RR-6		<u>No.</u>	8
1	Length of Road	4.0 1	Кл		1 		Name of Road	RR-6		<u>No.</u>	8
	Cost	4.0 I 29,723		49.0			Name of Road Length of Road Cost	RR-6 13.0 I 73,439	(m		8
	Cost Unit O&M Cost	4.0 1 29,723 1 17.0	Km O&M Cost	68.0			Name of Road Length of Road Cost Unit O&M Cost	RR-6 13.0 I 73,439 1 17.0		<u>No.</u> 221.0	8
	Cost Unit O&M Cost Benefit T	4.0 f 29,723 1 17.0 163.0	O&M Cost	68.0			Name of Road Length of Road Cost Unit O&M Cost Benefit T	RR-6 13.0 I 73,439 1 17.0 760.0	Gan O&M Cost	221.0	8
	Cost Unit O&M Cost Benefit T	4.0 1 29,723 1 17.0		68.0 (Unit : 1.00			Name of Road Length of Road Cost Unit O&M Cost Benefit T	RR-6 13.0 I 73,439 1 17.0	(m	221.0	
 	Cost Unit O&M Cost Benefit T	4.0 f 29,723 1 17.0 163.0	O&M Cost				Name of Road Length of Road Cost Unit O&M Cost Benefit T A	RR-6 13.0 I 73,439 17.0 760.0 2,420.0 Cost	Gan O&M Cost	221.0 (Unit : 1,00	KO Taka)
Yea	Cost Unit O&M Cost Benefit T A	4.0 H 29,723 t 17.0 163.0 t 1,904.0 Cost	O&M Cost				Name of Road Length of Road Cost Unit O&M Cos Benefit T A	RR-6 13.0 I 73,439 17.0 760.0 2,420.0 Cost	Gan O&M Cost	<u>221.0</u> 6	
Yea	Cost Unit O&M Cost Benefit T A	4.0 H 29,723 t 17.0 163.0 t 1,904.0 Cost	O&M Cost 10.00 %	(Unit : 1.00	20 Taka)		Name of Road Length of Road Cost Unit O&M Cost Benefit T A	RR-6 13.0 I 73,439 17.0 760.0 2,420.0 Cost	Cm O&M Cost 10.00.9	221.0 (Unit : 1,00	KO Taka)
	Cost Unit O&M Cost Benefit T A A tr Construction Cost	4.0 I 29,723 t 17.0 163.0 t 1,904.0 Cost t O&M Cost	O&M Cost 10.00 % Total	(Unit : 1,00 Benefit	20 Taka) Net Benefit	Ycar	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-6 13.0 1 73,439 17.0 760.0 2,420.0 Cost Cost Cost	Cru O&M Cost 10.00 9 Total	221.0 (Unit : 1,00	0 Taka) Net Benefit
	Cost Unit O&M Cost Benefit T A Construction Cost 1 29,723	4.0 H 29,723 t 17.0 163.0 t 1,904.0 Cost Cost Cost Cost	O&M Cost 10.00 % Total 29,723	(Unit : 1,00 Benefit 0,0	00 Taka) Net Benefit -29,723	Ycar	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	RR-6 13.0 I 73,439 1 17.0 760.0 2,420.0 Cost Cost Cost 0&M Cost	Cm O&M Cost 10.00.9	221.0 6 (Unit : 1,00 Benefit 0.0 3,180.0	KO Taka)
	Cost Unit O&M Cost Benefit T Ar Construction Cost 1 29,723 2	4.0 I 29,723 t 17.0 163.0 T,904.0 Cost Cost Cost Cost 0 68	O&M Cost 10.00 % Total 29,723 68	(Unit : 1,00 Benefit 0.0 2,067.0	20 Taka) Net Benefit -29,723 1,999	Year 1 2	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-6 13.0 1 73,439 17.0 760.0 2,420.0 Cost Cost Cost	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439	221.0 (Unit : 1,00) Benefit 0.0 3,180.0 3,422.0	0 Taka) Net Benefit -73,439
	Cost Unit O&M Cost Benefit T A Construction Cost 1 29,723	4.0 H 29,723 t 17.0 163.0 t 1,904.0 Cost Cost Cost Cost	O&M Cost 10.00 % Total 29,723	(Unit : 1,00 Benefit 0,0	00 Taka) Net Benefit -29,723	Ycar 1 2 3 4	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-6 13.0 I 73,439 1 17.0 760.0 2,420.0 Cost Cost Cost 0 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221	221.0 6 (Unit : 1,00) Benefit 0.0 3,180.0 3,422.0 3,688.2	0 Taka) Net Benefit -73,439 2,959 3,201 3,267
	Cost           Unit O&M Cost           Benefit         T           A           Construction           Cost           1         29,723           3	4.0 I 29,723 t 17.0 163.0 t 1,904.0 Cost Cost Cost Cost Cost Cost Cost Cost	O&M Cost 10.00 % Total 29,723 68 68	(Unit : 1,00 Benefit 0.0 2,067.0 2,257.4 2,466.8 2,697.2	20 Taka) Net Benefit -29,723 1,999 2,189 2,399 2,629	Ycar 1 2 3 4 5	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-6 13.0 H 73,439 t 17.0 760.0 2,420.0 Cost Cost Cost 0 221 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221 221	221.0 6 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0	0 Teka) Net Benefit -73,439 2,959 3,201 3,467 3,760
	Cost         Unit O&M Cost           Benefit         T           Ar         Construction Cost           1         29,723           2         3           4         4	4.0 I 29,723 t 17.0 163.0 t 1,904.0 Cost Cost Cost 0 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 68 68	(Unit : 1.00 Benefit 0.0 2,067.0 2,257.4 2,466.8	20 Taka) Net Benefit -29,723 1,999 2,189 2,399 2,629 2,883	Year 1 2 3 4 5 6	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-6 13.0 H 73,439 1 17.0 760.0 2,420.0 Cost Cost 0 221 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221 221 221	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,482.0 3,688.2 3,981.0 4,303.1	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082
	Cost           Unit O&M Cost           Benefit         T           Ar         Construction           Cost         1           29,723         2           3         4           5         6           7         7	4.0 F 29,723 t 17.0 163.0 t 1,904.0 Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 63 63 68 68 68 68 68	(Unit : 1.00 Benefit 0.0 2.067.0 2.257.4 2.466.8 2.697.2 2.950.6 3.229.4	00 Taka) Net Benefit -29,723 1,999 2,189 2,399 2,629 2,883 3,161	Year 1 2 3 4 5 6 7	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-5 13.0 I 73,439 17.0 760.0 2,420.0 Cost Cost Cost 0 221 221 221 221 221 221	Cm O&M Cost 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,303.1 4,657.4	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436
	Cost           Unit O&M Cost           Benefit         T           Ar         Construction           Cost         1           1         29,723           3         4           5         6           7         8	4.0 I 29,723 t 17.0 163.0 1,904.0 Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 68 68 68 68 68 68 68 68	(Unit : 1,00 Benefit 2,067.0 2,257.4 2,466.8 2,697.2 2,950.6 3,229.4 3,536.1	20 Taka) Net Benefit 1,999 2,189 2,399 2,629 2,833 3,161 3,468	Ycar 1 2 3 4 5 6 7 8	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-5 13.0 I 73,439 170, 760.0 2,420.0 Cost Cost Cost 0 221 221 221 221 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,303.1 4,657.4 5,047.2	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436 4,826
	Cost         Unit O&M Cost           Benefit         T           A         A           ur         Construction Cost           1         29,723           3         4           5         6           7         8           9         9	4.0 I 29,723 t 17.0 163.0 t 1504.0 Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 68 68 68 68 68 68 68 68 68 68 68	(Unit : 1.00 Benefit 0.0 2.067.0 2.457.4 2.466.8 2.697.2 2.950.6 3.229.4 3.536.1 3.873.4	20 Taka) Net Benefit 1,999 2,189 2,399 2,629 2,883 3,161 3,468 3,805	Ycar 1 2 3 4 5 6 7 8 9	Name of Road Length of Road Lost Unit O&M Cos Benefit T A Construction Cost 73,439	RR-6 13.0 I 73,439 1 17.0 760.0 2,420.0 Cost Cost Cost 0 221 221 221 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,303.1 4,657.4 5,047.2 5,475.9	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436 4,826 5,255
	Cost         Unit O&M Cost           Benefit         T           A         A           tr         Construction Cost           1         29,723           3         4           5         6           7         8           9         0	4.0 F 29,723 t 17.0 163.0 t 1,904.0 Cost Cost Cost Cost Cost Cost Cost Cost	O&M Cost 10.00 % Total 29,723 68 68 68 68 68 68 68 68 68 68 68 68 68	(Unit : 1.00 0.0 2.067.0 2.457.4 2.466.8 2.697.2 2.950.6 3.229.4 3.536.1 3.873.4 4.244.4	20 Taka) Net Benefit -29,723 1,999 2,189 2,399 2,629 2,883 3,161 3,468 3,805 4,176	Year 1 2 3 4 5 6 7 8 9 10	Name of Road Length of Road Lost Unit O&M Cos Benefit T A Construction Cost 73,439	RR-6 13.0 H 73,439 1 17.0 760.0 2,420.0 Cost Cost 0 221 221 221 221 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,303.1 4,657.4 5,047.2 5,475.9 5,947.5	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,4326 4,826 5,255 5,726
10	Cost           Unit O&M Cost           Benefit         T           A           ur         Construction Cost           1         29,723           3         4           5         6           7         8           9         0           1         1	4.0 F 29,723 t 17,0 163.0 t 1,904.0 Cost Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 63 63 63 68 68 68 68 68 68 68 68 68 68 68 68 68	(Unit : 1.00 Benefit 0.0 2.067.0 2.257.4 2.466.8 2.697.2 2.950.6 3.229.4 3.536.1 3.873.4 4.244.4 4.652.5	20 Taka) Net Benefit -29,723 1,999 2,189 2,399 2,629 2,883 3,161 3,468 3,865 4,176 4,585	Year 1 2 3 4 5 6 7 8 9 9 10	Name of Road Length of Road Lost Unit O&M Cos Benefit T A Construction Cost 73,439	RR-5 13.0 I 73,439 17.0 760.0 2,420.0 Cost Cost Cost 0 221 221 221 221 221 221 221	Sm O&M Cost 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,482.0 3,688.2 3,981.0 4,303.1 4,657.4 5,047.2 5,047.2 5,947.5 6,466.2	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436 4,826 5,255
	Cost           Unit O&M Cost           Benefit         T           Ar         Construction           Cost         2           1         29,723           2         3           4         5           6         7           8         9           0         1           2         2	4.0 I 29,723 t 17.0 163.0 1,904.0 Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 68 68 68 68 68 68 68 68 68 68 68 68	(Unit : 1.00 Benefit 0.0 2.067.0 2.257.4 2.466.8 2.697.2 2.950.6 3.229.4 3.536.1 3.873.4 4.244.4 4.244.4 4.652.5 5.101.5	20 Taka) Net Benefit 1,999 2,189 2,399 2,629 2,883 3,161 3,468 3,805 4,176 4,585 5,033	Year 1 2 3 4 5 6 7 8 9 10 11 12	Name of Road Length of Road Lost Unit O&M Cos Benefit T A Construction Cost 73,439	RR-6 13.0 H 73,439 1 17.0 760.0 2,420.0 Cost Cost 0 221 221 221 221 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,303.1 4,657.4 5,047.2 5,475.9 5,947.5	00 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436 4,826 5,255 5,726 6,245 6,816 7,444
	Cost Unit O&M Cost Benefit T A Construction Cost 1 29,723 2 3 4 4 5 6 6 7 8 9 0 1 2 3	4.0 I 29,723 t 17.0 163.0 1,904.0 Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 63 63 63 68 68 68 68 68 68 68 68 68 68 68 68 68	(Unit : 1.00 Benefit 0.0 2.067.0 2.257.4 2.466.8 2.697.2 2.950.6 3.229.4 3.536.1 3.873.4 4.244.4 4.652.5 5.101.5 5.595.3	20 Taka) Net Benefit -29,723 1,999 2,189 2,399 2,629 2,883 3,161 3,468 3,805 4,176 4,585 5,033 5,527	Year 1 2 3 4 5 6 7 8 9 9 10	Name of Road Length of Road Lost Unit O&M Cos Benefit T A Construction Cost 73,439	RR-5 13.0 I 73,439 170, 760.0 2,420.0 Cost Cost Cost 0 221 221 221 221 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00) Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,303.1 4,657.4 5,047.2 5,475.9 5,947.5 5,447.5 5,6456.2 7,036.9	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436 4,826 5,255 5,726 6,245 6,816 7,444 8,134
	Cost Unit O&M Cost Benefit T A Construction Cost 1 29,723 2 3 4 5 6 7 7 8 9 0 1 2 3 4 4 5 6 7 7 8 9 0 1 2 3 4 4	4.0 I 29,723 t 17.0 163.0 1,904.0 Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 68 63 68 68 68 68 68 68 68 68 68 68 68 68 68	(Unit : 1.00 Benefit 0.0 2.067.0 2.257.4 2.466.8 2.697.2 2.950.6 3.229.4 3.536.1 3.873.4 4.244.4 4.244.4 4.652.5 5.101.5	20 Taka) Net Benefit 1,999 2,189 2,399 2,629 2,883 3,161 3,468 3,805 4,176 4,585 5,033	Ycar 1 2 3 4 4 5 6 7 8 9 10 11 11 12 13	Name of Road Length of Road Lost Unit O&M Cos Benefit T A Construction Cost 73,439	RR-6 13.0 I 73,439 1 17.0 760.0 2,420.0 Cost Cost Cost 0 221 221 221 221 221 221 221	Cru 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,303.1 4,657.4 5,047.2 5,475.9 5,947.5 6,466.2 7,664.5 8,355.0 9,114.5	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436 4,826 5,255 5,726 6,245 6,816 7,444 8,134 8,893
	Cost Unit O&M Cost Benefit T A Construction Cost 1 29,723 2 3 4 5 6 7 8 9 0 1 2 3 4 5 5 6 7 8 9 0 1 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5	4.0 I 29,723 1 17.0 163.0 1,504.0 Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 68 68 68 68 68 68 68 68 68 68 68 68	(Unit : 1.00 Benefit 0.0 2,067.0 2,257.4 2,466.8 2,697.2 2,950.6 3,229.4 3,536.1 3,873.4 4,244.4 4,652.5 5,101.5 5,595.3 6,138.6	20 Taka) Net Benefit -29,723 1,999 2,189 2,399 2,629 2,883 3,161 3,468 3,805 4,176 4,585 5,033 5,527 6,071 6,668 7,325	Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Name of Road Length of Road Lost Unit O&M Cos Benefit T A Construction Cost 73,439	RR-5 13.0 I 73,439 170, 760.0 2,420.0 Cost Cost Cost 0 221 221 221 221 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,303.1 4,657.4 5,047.2 5,475.9 5,947.5 6,466.2 7,036.9 7,664.5 8,355.0 9,114.5 9,949.9	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436 4,826 5,255 5,726 6,245 6,816 7,444 8,134 8,833 9,729
	Cost Unit O&M Cost Benefit T A A Construction Cost 1 29,723 2 3 4 5 6 6 7 8 9 0 1 2 3 4 5 5 6 7 7	4.0 I 29,723 t 17.0 163.0 1,904.0 Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 63 63 68 68 68 68 68 68 68 68 68 68	(Unit : 1.00 Benefit 0.0 2.067.0 2.257.4 2.466.8 2.697.2 2.950.6 3.229.4 3.536.1 3.873.4 4.244.4 4.652.5 5.101.5 5.595.3 6.138.6 6.736.1 7.393.4 8.116.5	20 Taka) Net Benefit -29,723 1,999 2,189 2,399 2,629 2,833 3,161 3,468 3,805 4,176 4,585 5,033 5,527 6,071 6,678 6,078 8,048	Ycar 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Name of Road Length of Road Lost Unit O&M Cos Benefit T A Construction Cost 73,439	RR-6 13.0 I 73,439 170, 760.0 2,420.0 Cost Cost Cost Cost 0 221 221 221 221 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,537.4 5,047.2 5,475.9 5,947.5 6,466.2 7,036.9 7,664.5 8,355.0 9,114.5 9,949.9 10,868.9	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436 4,826 5,255 5,726 6,245 6,245 6,816 7,444 8,134 8,893 9,729 10,648
	Cost         Unit O&M Cost           Benefit         T           A         A           ar         Construction Cost           1         29,723           3         4           5         6           7         8           9         0           1         22           3         4           5         6           7         8           9         0           1         2           3         4           5         6           7         8           9         0           1         2           3         4           5         5           6         7           8         8	4.0 I 29,723 t 17.0 163.0 1,504.0 Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 68 68 68 68 68 68 68 68 68	(Unit : 1.00 Benefit 0.0 2.067.0 2.257.4 2.466.8 2.697.2 2.950.6 3.229.4 3.536.1 3.873.4 4.244.4 4.652.5 5.101.5 5.595.3 6.138.6 6.736.1 7.393.4 8.116.5 8.911.8	20 Taka) Net Benefit -29,723 1,999 2,189 2,399 2,629 2,883 3,161 3,468 3,805 4,176 4,585 5,033 5,527 6,071 6,668 8,7,325 8,048 8,844	Ycar 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Name of Road Length of Road Lost Unit O&M Cos Benefit T A Construction Cost 73,439	RR-6 13.0 I 73,439 1 17.0 760.0 2,420.0 Cost Cost Cost Cost 0 221 221 221 221 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,303.1 4,657.4 5,047.2 5,947.5 6,466.2 7,036.9 7,664.5 8,355.0 9,114.5 9,949.9 10,868.9 11,879.8	00 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436 4,826 5,255 5,726 6,245 6,816 7,444 8,134 8,893 9,729 10,648 11,659
	Cost Unit O&M Cost Benefit T A A Construction Cost 1 29,723 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 9	4.0 I 29,723 1 17.0 163.0 1,504.0 Cost 0 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 68 68 68 68 68 68 68 68 68 68 68 68	(Unit : 1.00 Benefit 0.0 2,067.0 2,257.4 2,466.8 2,697.2 2,950.6 3,229.4 3,536.1 3,873.4 4,244.4 4,652.5 5,595.3 6,138.6 6,736.1 7,393.4 8,116.5 8,911.8 9,786.7	20 Taka) Net Benefit -29,723 1,999 2,189 2,399 2,629 2,883 3,161 3,468 3,805 4,176 4,585 5,033 5,527 6,071 6,668 7,325 8,048 8,844 9,719	Ycar 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Name of Road Length of Road Lost Unit O&M Cos Benefit T A Construction Cost 73,439	RR-6 13.0 f 73,439 1 17.0 760.0 2,420.0 Cost Cost 0 0 221 221 221 221 221 221 22	Cru 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 6 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,303.1 4,657.4 5,047.2 5,947.5 6,466.2 7,664.5 8,355.0 9,114.5 9,949.9 10,868.9 11,879.8 12,991.8	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436 4,826 5,255 5,726 6,245 6,245 6,816 7,444 8,134 8,893 9,729 10,648
	Cost         Unit O&M Cost           Benefit         T           A         A           ar         Construction Cost           1         29,723           3         4           5         6           7         8           9         0           1         22           3         4           5         6           7         8           9         0           1         2           3         4           5         6           7         8           9         0           1         2           3         4           5         5           6         7           8         8	4.0 I 29,723 t 17.0 163.0 1,504.0 Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68	O&M Cost 10.00 % Total 29,723 68 63 63 63 68 68 68 68 68 68 68 68 68 68	(Unit : 1.00 Benefit 0.0 2.067.0 2.257.4 2.466.8 2.697.2 2.950.6 3.229.4 3.536.1 3.873.4 4.244.4 4.652.5 5.101.5 5.595.3 6.138.6 6.736.1 7.393.4 8.116.5 8.911.8	20 Taka) Net Benefit -29,723 1,999 2,189 2,399 2,629 2,883 3,161 3,468 3,805 4,176 4,585 5,033 5,527 6,071 6,668 8,7,325 8,048 8,844	Ycar 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Name of Road Length of Road Lost Unit O&M Cos Benefit T A Construction Cost 73,439	RR-6 13.0 I 73,439 1 17.0 760.0 2,420.0 Cost Cost Cost Cost 0 221 221 221 221 221 221 221	Cru <u>O&amp;M Cost</u> 10.00 9 Total 73,439 221 221 221 221 221 221 221 22	221.0 (Unit : 1,00 Benefit 0.0 3,180.0 3,422.0 3,688.2 3,981.0 4,303.1 4,657.4 5,047.2 5,947.5 6,466.2 7,036.9 7,664.5 8,355.0 9,114.5 9,949.9 10,868.9 11,879.8	0 Taka) Net Benefit -73,439 2,959 3,201 3,467 3,760 4,082 4,436 4,826 5,255 5,726 6,245 6,816 7,444 8,134 8,893 9,729 10,648 11,659 12,771

#### Table G.1.13 Calculation Table for IRR (Nabinagar Upazila) (2/12)

#### (Nabinagar Upazila) (3/12) Cost and Benefit Stream Cost and Benefit Stream NABINAGAR NABINAGAR No. 9 Upazila No. 10 Upazila Name of Road RR-7 Name of Road RR-8 Length of Road 8.0 Km Length of Road 5.0 Km 22,505 39,395 Cost Cost Unit O&M Cost 17.0 O&M Cost 85.0 Unit O&M Cost 17.0 O&M Cost 136.0 Benefit T 94.0 260.0 Benefit T 2,099.0 10.00 % 2,228.0 10.00 % Å Ā (Unit : 1,000 Taka) (Unit : 1,000 Taka) Cost Cost Construction O&M Construction O&M Total Benefit Net Benefit Total Benefit Net Benefit Year Year Cost Cost Cost Cost 39,395 22,505 -22,505 -39,395 22,505 0.0 39,395 0.0 1 .0 1 Û 2,352 2,575 2,488.0 85 85 2,193.0 2,108 136 136 2 2 136 136 2,710.8 3 85 85 2,402.9 2,318 3 2,955.9 2,820 4 85 85 2,633.8 2,549 2,803 4 136 136 85 85 85 2 887.8 5 136 136 3,225.5 3,089 5 85 3.167.1 3.082 136 136 3.522.0 3,386 6 7 85 6 7 3,474.5 3,389 3 848 2 85 136 136 3.712 85 3,812.5 3,728 4,207.0 85 8 136 136 4,071 8 85 4,099 136 136 4,601.7 4,466 9 85 4,184.4 9 136 5,035.9 4,900 10 85 85 85 85 85 85 85 4,593.4 4,508 136 1D 5,513.5 Ħ 85 5,043.3 4,958 136 136 5,378 11 5,538.3 136 6,038.9 5,903 12 85 5.453 136 12 6.082.7 136 136 6,616.7 6,481 13 85 5,998 13 6,681.6 6.597 85 14 136 136 7,252.4 7,116 14 15 85 7,340.3 7,255 15 136 136 7.951.7 7,816 85 8,064.9 7,980 85 8.720.8 8,585 16 16 136 136 9,566.9 9,431 85 8,862.0 8,777 17 85 136 136 17 136 10,497.6 10.362 18 85 85 9,738.8 9,654 136 18 11,521.4 11.385 19 85 10,703.3 10,618 136 85 136 19 11,764.3 12,647.5 12,511 20 85 85 11.679 20 136 136 IRR = 15 % IRR ⇒ 10 % **Cost and Benefit Stream Cost and Benefit Stream** NABINAGAR No. 11 Upazila NABINAGAR No. 12 Unazila Name of Road RR-10 Name of Road RR-9 7.0 Km Length of Road Longth of Road 3.5 Km 65,120 Cost 17,001 Cost O&M Cost 119.0 17.0 Unit O&M Cost 17.0 Unit O&M Cost O&M Cost 59.5 53.0 Renefit Т 1,361.0 Benefit т 530.0 10.00 % 1,086.0 10.00 % A A (Unit : 1,000 Taka) (Unit : 1,000 Taka) Cost Cost Total Construction O&M Total Benefit Net Benefit Construction O&M Benefit Net Benefit Year Year Cost Cost Cost Cost -65,120 ł 17,001 0 17,001 0.0 -17,001 ł 65,120 0 65.130 0.0 1.891.0 119 1.772 2 60 60 1,139.0 1,080 2 119 1,247.6 3 119 1,944.0 1,825 3 60 60 1,188 119 119 2,002.3 1,883 119 4 5 4 60 60 1,308 1,498.5 119 2,066.4 1,947 1,439 119 60 5 60 119 2,137.0 2,018 1,643.0 119 6 60 60 1.584 6 119 2,214.6 2,096 60 60 1,802.0 1,743 7 119 7 60 60 1,976.9 1,917 8 119 119 2.299.9 2,181 8 60 60 2,169.3 9 119 119 2,393.8 2,275 2,378 9 2,110 2,497,1 60 60 2,380.9 2,321 10 119 119 10 119 2,610.7 2,492 2,613.7 2,869.8 60 60 2,554 11 119 11 119 2,735.7 60 60 60 60 60 2,617 2,810 119 12 12 119 2,873.2 2,754 13 119 3.151.5 13 3.092 119 3,024.4 2,905 60 3,461.3 119 3.402 14 14 60 60 3,802.2 3,743 15 119 119 3,190.7 3,072 15 60 119 3,373.7 3,255 60 4,177.1 4,118 16 119 16 3,450 60 60 4,589.5 4,530 17 119 119 3,574.9 17 3,677 3,921 3,796.3 60 60 5,043.1 4 984 18 119 119 18 4,039.9 19 60 60 5,542.2 5,483 19 119 119 4,307.8 119 4.189 20 60 60 6,091.1 6,032 28 119

### Table G.1.13 Calculation Table for IRR(Nabinagar Upazila)(3/12)

G - 98

IRR =

11 %

-3 %

IRR ≈

					gar Upazil	, ' r		Cast an	d Benefit Si	PAGIN	
		Cost an	d Benefit S	tream				1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -		u can	
	Upazila	NABIN	AGAR	No.	13	2.4	Upazila	NABIN	AGAR	No.	14
	Name of Road	RR-11					Name of Road	<b>RR-12</b>	j tine ek	1 ta	
	Length of Road		Km	1. 	an a dha a		Length of Road	3.5	Km	4.1	2
		1 - 1 - 1		· · · ·			Cost	17,001	1 1944 -		
•	Cost	30,552	0.83 ( 0	96.0	ta ang		Unit O&M Cos		O&M Cost	59.5	
	Unit O&M Cost		O&M Con	85.0	al a contra		Benefit 7				
	Benefit T	48.0	10.00 %			[]		1,000.0	10.00 5	2	
	<u> </u>			(Unit : 1,0	00 Taka)					(Unit : 1,00	0 Teka)
~~~~~		Cost						Cost		· ·	
Year	Construction Cost	O&M Cost	Total	Benefit	Net Beacht	Yea	Construction Cost	O&M Cost	Total	Benefit	Net Benef
			30,552	0.0	-30,552		17,001	0	17,001	0.0	-17,00
1	30,552	85	30,332	704.0	-30,332			60	60	1,046.0	·
3		85	85	769.6	685		E E	60	60	1,146.0	1,08
4		85	85	841.8	757			60	60	1,256.0	1,19
5		85	85	921.1	836			60 60	60 60	1,377.0	1,31 1,45
- 6		85 85	85 85	1,008.4 1,104.5	923 1,019			60	60	1,656.5	1,59
7	1	85	85	1,210.1	1,019			60	60	1,817.6	1,75
9	· · ·	. 85	85	1,326.4	1,241			60	60	1,994.7	1,93
เด้		. 85	85	1,454.2	1,369			- 60	60	2,189.6	2,13
11		85	85	1,594.8	1,510			60	60	2,403.9	2,34
12		85	85	1,749.5	1,664			60 60	60 60	2,639.7 2,899.1	2,58 2,84
13		85	85	1,919.6	1,835 2,023			60 60	60 60	3,184.4	3,12
14		85 85	85 . 85	2,106.8 2,312.7	2,022			60	60	3,498.3	3,43
15 16		85	85	2,539.2	2,454			60	60	3,843.5	3,78
10		. 85	85	2,788.3	2,703	i		60	60	4,223,2	4,16
18		85	85	3,062.3	2,977	B	la de la composición de las sec	60	60	4,641.0	4,58
19	100 A. A. A.	85	85	3,363,7	3,279	1 1 1		60	60	5,100.5	5,04
					2 2 10	1 (3)	}	69	. 60	5,605.9	5,54
20	1	85	- 85	3,695.3	3,610	2					
	IRR =	0		· · · · · · · · · · · · · · · · · · ·	3,010		IRR =	10 Cost an	% d Denefit Si	ігсалі	
	IRR = Upazila Name of Road	0 Cost an NABIN RR-13	% d Benefit S AGAR	· · · · · · · · · · · · · · · · · · ·	<u>15</u>		Upazila Name of Road	Cost an NABIN RR-14	d Benefit St AGAR	игеалі 	16
	IRR =	0 Cost an NABIN RR-13 4.0	% d Benefit S AGAR	fream			Upazila Name of Road Length of Road	Cost an NABIN RR-14 7.3	d Benefit St AGAR		<u>16</u>
	IRR = Upazila Name of Road	0 Cost an NABIN RR-13	% d Benefit S AGAR	fream			Upazila Name of Road	Cost an NABIN RR-14 7.3 28,310	d Benefit Si AGAR Km	No.	16
	IRR = Upazila Name of Road Length of Road	0 Cost an NABIN RR-13 4.0 27,604	% d Benefit S AGAR	fream			Upazila Name of Road Length of Road	Cost an NABIN RR-14 7.3 28,310	d Benefit St AGAR		16
	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0	% d Benefit S AGAR Km <u>O&M Cost</u>	tream No. 68.0			Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0	d Benefit Si AGAR Km <u>O&M Cost</u>	<u>Na</u> 124.6	16
	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	0 Cost an NABIN RR-13 4.0 27,604 17.0	% d Benefit S AGAR Km	tream No. 68.0	15		Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T	Cost an NABIN RR-14 7.3 28,310 t 17.0	d Benefit Si AGAR Km	<u>Na</u> 124.6	
	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0	% d Benefit S AGAR Km <u>O&M Cost</u>	tream No. 63.0	15		Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0	đ Benefit St AGAR Km <u>O&M Cost</u> 10.00 s	<u>No.</u> 124.6 % (Unit : 1,00	io Taka)
	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost	% d Benefit S AGAR Km <u>O&M Cost</u>	tream No. 63.0	15	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost	d Benefit Si AGAR Km <u>O&M Cost</u>	<u>No.</u> 124.6 %	
Year	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost BeneTit T <u>A</u> Construction	0 Cost an RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost O&M	% d Benefit S AGAR Km <u>O&M Cost</u> 10.00 %	tream No. 68.0	15 00 Teka) Net Benefit -27,604	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Z Construction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost O&M Cost O&M Cost 0	d Benefit Si AGAR Km <u>O&M Cost</u> 10.00 S Total 28,310	No. 124.6 "(Unit : 1,00 Benefit 0.0	10 Taka) Nei Benei -28,31
	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost	% d Benefit S AGAR Km <u>0&M Cost</u> 10.00 % Totel 27,604 68	tream No. 68.0 (Unit : 1.0 Benefit 0.0 1,354.0	15 00 Teka) Net Benefit -27,604 1,286	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Z Coastruction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost O&M Cost 0 0 2,438.0 Cost 0 2,438.0 Cost	d Beuefit Si AGAR Km <u>0&M Cost</u> 10.00 9 Total 28,310 125	No. 124.6 (Unit : 1,00 Benefit 0.0 3,228.0	0 Taka) Nei Benei -28,31 3,10
Ycar 1 2 3	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost	0 Cost an NABIN. RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost Cost 0 68 68	% d Benefit S AGAR Km 0&M Cost 10.00 % Total 27,604 68 68	tream No. 68.0 (Unit : 1,0 Benefit 0,0 1,354.0 1,483.8	15 00 Teka) Net Benefit -27,604 1,286 1,416	Yea	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Z Coastruction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost Cost Cost Cost Cost 0 & M Cost 2,5 2,5 2,5 0 0 125 125	d Benefit Si AGAR Km <u>0&M Cost</u> 10.00 9 Tots 28,310 125 125	No. 124.6 % (Unit : 1,00 Benefit 0.0 3,228.0 3,471.8	0 Taks) Net Benet -28,31 3,10 3,34
Year 1 2 3 4	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost Cost Cost 0 68 68 68	% d Benefit S AGAR Km 0&M Cost 10.00 % Totel 27,604 68 68 68	tream No. 68.0 (Unit : 1,0 Benefit 0.0 1,354.0 1,483.8 1,626.6	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,359	Yea	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit 7 Z Construction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost 0 & M Cost 0 2,5 125 125 125	d Benefit Si AGAR Km <u>0&M Cost</u> 10.00 9 Tota[28,310 125 125 125	No. 124.6 (Unit : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0	8) Taka) Net Bene: -28,31 3,16 3,33 3,61
Year 1 2 3 4 5	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost Cost Cost Cost Cost Cost	% d Benefit S AGAR Km <u>0&M Cost</u> 10.00 % Total 27,604 68 68 68	tream No. 68.0 (Uoit : 1.0 Benefit 0.0 1,354.0 1,354.0 1,626.6 1,783.6	15 00 Teka) Net Benefit -27,604 (,286 1,416 1,559 1,716	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Z Coastruction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost Cost O&M Cost 0 0. 125 125 125 125	d Benefit S AGAR Km 0&M Cost 10:00 9 Total 28,310 125 125 125 125 125	No. 124.6 (Unit : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0	0 Taka) Nei Benei -28,31 3,10 3,34 3,61 3,91
Year 1 2 3 4 5 6	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost	0 Cost an RR-13 4.0 27,604 17.0 56.0 1,293.0 Cost O&M Cost O 68 63 63 63 68 63 68	% d Benefit S AGAR Km <u>0&M Cost</u> 10.00 % Total 27,604 68 68 68 68 68	tream No. 68.0 (Unit : 1.0 Benefit 0.0 1,354.0 1,483.8 1,626.6 1,783.6 1,783.6 1,956.4	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,559 1,716 1,888	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Z Coostruction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost O&M Cost 0 2,438.0 Cost 0 2,438.0 Cost 125 125 125 125 125	d Benefit Si AGAR Km 0&M Cost 10.00 9 Total 28,310 125 125 125 125 125	No. 124.6 (Unit : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0 4,035.9	10 Taka) Nei Benst -28,31 3,10 3,34 3,61 3,91 4,23
Year 1 2 3 4 5 6 7	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost	0 Cost an RR-13 4.0 27,604 17.0 56.0 1,293.0 Cost O&M Cost 0 68 63 68 68 68 68 68	% d Benefit S AGAR Km <u>0&M Cost</u> 10.00 % Total 27,604 68 68 68 68 68 68	tream No. 68.0 (Unit : 1.0 Benefit 0.0 1,354.0 1,483.8 1,626.6 1,783.6 1,956.4 2,146.4	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,559 1,716 1,888 2,078	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Construction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost Cost O&M Cost 0 0. 125 125 125 125	d Benefit S AGAR Km 0&M Cost 10:00 9 Total 28,310 125 125 125 125 125	No. 124.6 (Unit : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0	0 Taka) Nei Benei -28,31 3,10 3,34 3,61 3,91 4,22 4,25
Year 1 2 3 4 5 6 7 8	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 27,604	0 Cost an RR-13 4.0 27,604 17.0 56.0 1,293.0 Cost O&M Cost O 68 63 63 63 68 63 68	% d Benefit S AGAR Km <u>0&M Cost</u> 10.00 % Total 27,604 68 68 68 68 68	tream No. 68.0 (Unit : 1.0 Benefit 0.0 1,354.0 1,483.8 1,626.6 1,783.6 1,783.6 1,956.4	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,359 1,716 1,888 2,078 2,287 2,517	Yea	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit 7 2 Construction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost 0 2,438.0 Cost 0 2,438.0 Cost 0 2,438.0 Cost 0 2,5 125 125 125 125 125 125 125	d Benefit Si AGAR Km <u>0&M Cost</u> 10:00 9 Tota[28,310 125 125 125 125 125 125 125 125	No. 124.6 (Unit : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0 4,359.5 4,716.4 5,109.1 5,541.0	8 Taka) -28,31 3,10 3,34 3,361 3,91 4,22 4,55 4,98 5,41
Year 1 2 3 4 5 6 7	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 27,604	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost Cost Cost Cost Cost Cost	% d Benefit S AGAR Km 0&M Cost 10.00 % Total 27,604 68 68 68 68 68 68 68 68 68 68 68 68 68	tream No. 68.0 (Uait : 1,0 Benefit 0.0 1,354.0 1,483.8 1,626.6 1,783.6 1,956.4 2,146.4 2,355.5 2,585.4 2,585.4 2,585.4	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,559 1,716 1,888 2,078 2,287 2,287 2,517 2,770	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Coost Coostruction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost 0&M Cost 0 2,438.0 Cost 0 2,438.0 Cost 125 125 125 125 125 125 125 125 125 125	d Benefit Si AGAR Km 0&M Cost 10.00 9 Total 28,310 125 125 125 125 125 125 125 125 125 125	No. 124.6 (Uuit : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0 4,359.5 4,716.4 5,541.0 6,016.1	0 Taka) Net Benel -28,31 3,10 3,34 3,61 3,91 4,22 4,55 4,95 4,95 5,44 5,85
Year 1 2 3 4 5 6 6 7 7 8 9 10 11	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 27,604	0 Cost an RR-13 4.0 27,604 17.0 56.0 1,293.0 Cost O&M Cost O&M Cost 0 68 63 68 68 68 68 68 68 68 68 68 68 68 68 68	% d Benefit S AGAR Km 0&M Cost 10.00 % Total 27,604 68 68 68 68 68 68 68 68 68 68 68 68 68	tream No. 68.0 (Unit : 1.0 Benefit 0.0 1,354.0 1,483.8 1,626.6 1,956.4 2,146.4 2,355.5 2,585.4 2,146.4 2,338.4 3,116.6	00 Taka) Net Benefit -27,604 1,286 1,416 1,559 1,716 1,888 2,078 2,287 2,517 2,517 2,770 3,049	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Z Construction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 (2,438.0 Cost Cost Cost Cost Cost Cost 125 125 125 125 125 125 125 125 125 125	d Benefit Si AGAR Km 0&M Cost 10.00 9 Total 28,310 125 125 125 125 125 125 125 125 125 125	No. 124.6 (Unit : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0 4,035.0 4,035.9 5,41.0 5,541.0 6,016.1 6,538.7	10 Taka) Nei Benet -28,31 3,10 3,34 3,61 3,91 4,22 4,55 4,92 5,41 5,85 6,41
Year 1 2 3 4 5 6 7 8 9 10 11 12	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 27,604	0 Cost an NABIN. RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68 68 68 68	% d Benefit S AGAR Km 0&M Cost 10.00 % Total 27,604 68 68 68 68 68 68 68 68 68 68 68 68 68	tream No. 68.0 (Unit : 1,0 Benefit 0,0 1,354.0 1,483.8 1,626.6 1,783.6 1,956.4 2,146.4 2,355.5 2,585.42,585.4 2,585.4 2,585.4 2,585.42,585.4 2,585.4 2,585.4 2,585.42,585.4 2,585.42,595.4 2,595.4	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,359 1,716 1,888 2,078 2,287 2,517 2,770 3,049 3,355	Yea	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit Z Construction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost Cost Cost Cost Cost Cost Cost 125 125 125 125 125 125 125 125 125 125	d Benefit Si AGAR Km <u>0&M Cost</u> 10.00 9 Total 28,310 125 125 125 125 125 125 125 125 125 125	No. 124.6 (Uait : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0 4,035.0 4,035.0 4,035.0 4,035.0 5,541.0 6,016.1 6,538.7 7,113.5	0 Taka) Net Benef -23,31 3,10 3,34 3,61 3,91 4,23 4,55 4,98 5,41 5,85 6,41 6,98
Year 1 2 3 4 5 6 7 8 9 10 11 12 13	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 27,604	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost Cost Cost Cost Cost Cost	% d Benefit S AGAR Km 0&M Cost 10.00 % Total 27,604 68 68 68 68 68 68 68 68 68 68 68 68 68	tream No. 68.0 (Unit : 1,0 Benefit 0.0 1,354.0 1,483.8 1,626.6 1,783.6 1,783.6 1,783.6 1,783.6 1,783.6 1,783.5 2,585.4 2,146.4 2,355.5 2,585.4 2,585.4 2,585.4 3,116.6 3,422.7 3,759.3	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,359 1,716 1,838 2,078 2,287 2,517 2,770 3,049 3,355 3,691	Yea	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit 7 Z Construction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost 0 2,438.0 Cost 0 2,438.0 Cost 0 2,2438.0 Cost 0 2,2438.0 Cost 2,25 125 125 125 125 125 125 125 125 125 1	d Benefit Si AGAR Km <u>0&M Cost</u> 10:00 9 Tota 28,310 125 125 125 125 125 125 125 125 125 125	No. 124.6 (Unit : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0 4,035.0 4,035.0 4,035.0 4,716.4 5,109.1 5,541.0 6,016.1 6,538.7 7,113.5 7,745.9	8) Taka) Net Benel -28,31 3,10 3,34 3,34 3,39 4,29 4,29 4,99 5,41 5,85 6,41 5,85 6,41 6,96 7,62
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 27,604	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost Cost Cost Cost Cost Cost	% d Benefit S AGAR Km <u>0&M Cost</u> 10.00 % Totel 27,604 68 68 68 68 68 68 68 68 68 68 68 68 68	tream No. 68.0 (Unit : 1,0 Benefit 0.0 1,354.0 1,483.8 1,626.6 1,783.6 1,956.4 2,146.4 2,355.5 2,585.4 2,838.4 3,116.6 3,422.7 3,759.3 4,129.7	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,359 1,716 1,888 2,078 2,287 2,51	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Coostruction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost 0&M Cost 0 2,438.0 0 125 125 125 125 125 125 125 125 125 125	d Benefit Si AGAR Km <u>0&M Cost</u> 10.00 9 Tota[28,310 125 125 125 125 125 125 125 125 125 125	No. 124.6 (Uait : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0 4,035.0 4,035.0 4,035.0 4,035.0 5,541.0 6,016.1 6,538.7 7,113.5	80 Taka) Net Benst -28,31 3,10 3,34 3,51 3,91 4,22 4,55 4,99 5,41 5,85 6,41 6,98 7,62 8,31
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 27,604	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,293.0 Cost Cost Cost Cost Cost Cost Cost Cost	% d Benefit S AGAR Km <u>0&M Cost</u> 10.00 % Total 27,604 68 68 68 68 68 68 68 68 68 68 68 68 68	tream No. 68.0 (Uoit : 1,0 Benefit 0.0 1,354.0 1,354.0 1,483.8 1,626.6 1,783.6 1,956.4 2,186.4 2,146.4 2,355.5 2,585.4 2,595.3 4,525.7 2,575.3 3,575.3	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,559 1,716 1,888 2,078 2,287 2,287 2,287 2,287 2,517 2,770 3,049 3,355 3,691 4,062 4,469	Yea	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Z Coostruction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost 0 2,438.0 Cost 0 2,438.0 Cost 0 2,2438.0 Cost 0 2,2438.0 Cost 2,25 125 125 125 125 125 125 125 125 125 1	d Benefit Si AGAR Km <u>0&M Cost</u> 10:00 9 Tota 28,310 125 125 125 125 125 125 125 125 125 125	No. 124.6 (Uuit : 1,00 Benefit 0.0 3,228.0 3,740.0 4,035.0 4,359.5 4,716.4 5,541.0 6,016.1 6,538.7 7,113.5 7,745.9 8,441.5	0 Taka) Net Benel -28,31 3,10 3,34 3,61 3,91 4,22 4,55 4,98 5,85 6,41 6,98 7,63 8,31 9,08
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 27,604	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost Cost Cost Cost Cost Cost	% d Benefit S AGAR Km <u>0&M Cost</u> 10.00 % Totel 27,604 68 68 68 68 68 68 68 68 68 68 68 68 68	tream No. 68.0 (Unit : 1,0 Benefit 0.0 1,354.0 1,483.8 1,626.6 1,783.6 1,956.4 2,146.4 2,355.5 2,585.4 2,838.4 3,116.6 3,422.7 3,759.3 4,129.7	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,359 1,716 1,888 2,078 2,287 2,51	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Z Construction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost 0&M Cost 0 0 25 125 125 125 125 125 125 125 125 125	d Benefit Si AGAR Km <u>0&M Cost</u> 10.00 9 Total 28,310 125 125 125 125 125 125 125 125 125 125	No. 124.6 (Uait : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0 4,035.0 4,359.5 4,716.4 5,109.1 5,541.0 6,016.1 6,538.7 7,113.5 7,745.9 8,441.5 9,206.6 10,048.3 10,974.1	6) Taka) Net Benef -23,31 3,10 3,34 3,61 3,91 4,23 4,55 4,98 5,41 5,85 6,41 6,98 7,62 8,31 9,08 9,99 10,85 10
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 27,604	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost Cost Cost Cost Cost 68 68 68 68 68 68 68 68 68 68 68 68 68	% d Benefit S AGAR Km 0&M Cost 10.00 % Total 27,604 68 68 68 68 68 68 68 68 68 68 68 68 68	tream No. 68.0 (Unit : 1.0 Benefit 0.0 1,354.0 1,483.8 1,626.6 1,956.4 2,146.4 2,355.5 2,585.4 2,146.4 2,338.4 2,838.4 2,935.5 2,535.5 2,535.5 2,535.4 2,935.2	15 00 Taka) Net Benefit -27,604 1,286 1,416 1,559 1,716 1,888 2,078 2,287 2,517 2,770 3,049 3,355 3,691 4,062 4,469 4,917	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit Z Construction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2.438.0 Cost 0 2.438.0 Cost 0 2.25 125 125 125 125 125 125 125 125 125 1	d Benefit Si AGAR Km 0&M Cost 10.00 9 Tota 28,310 125 125 125 125 125 125 125 125 125 125	No. 124.6 (Unit : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0 4,035.0 4,035.0 4,035.0 4,035.0 4,716.4 5,109.1 5,541.0 6,016.1 6,538.7 7,113.5 7,745.9 8,441.5 9,206.6 10,048.3 10,074.1 11,992.5	80 Taka) Net Benef -28,31 3,10 3,34 3,61 3,99 4,23 4,58 6,41 5,85 6,41 6,98 5,41 5,85 6,41 6,98 5,41 5,85 6,41 6,98 5,41 6,98 6,41 6,98 7,62 8,31 9,08 5,99 1,99 5,99 1,99 5,99 1,99 5,99 1,99 5,99 1,99 5,99 1,98 5,99 1,98 5,91 1,98 5,91 1,98 5,98 5,98 5,91 1,98 5,98 5,98 5,99 5,99 5,99 1,90 5,99 1,90 5,99 5,90
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 27,604	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost Cost Cost Cost Cost Cost	% d Benefit S AGAR Km <u>0&M Cost</u> 10.00 % Total 27,604 68 68 68 68 68 68 68 68 68 68 68 68 68	tream No. 68.0 (Unit : 1,0 Benefit 0.0 1,354.0 1,483.8 1,626.6 1,783.6 1,956.4 2,146.4 2,355.5 2,585.4 2,838.4 3,116.6 3,422.7 4,537.0 4,985.2 5,478.1 6,020.3 6,616.7	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,559 1,716 1,888 2,078 2,287 2,517 2,770 3,049 3,355 3,691 4,062 4,469 4,917 5,410 5,952 6,549	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Coostruction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2,438.0 Cost 0 0 2,438.0 Cost 0 0 2,438.0 Cost 0 0 2,438.0 Cost 0 2,5 125 125 125 125 125 125 125 125 125 12	d Benefit Si AGAR Km 0&M Cost 10.00 9 Total 28,310 125 125 125 125 125 125 125 125 125 125	No. 124.6 (Uuit : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0 4,359.5 4,716.4 5,541.0 6,016.1 6,538.7 7,745.9 8,441.5 9,206.6 10,048.3 10,974.1 11,992.5 13,112.8	0 Taka) Net Benef -28,31 3,10 3,34 3,61 3,91 4,23 4,59 4,98 5,41 5,89 6,41 6,98 7,62 8,31 9,08 9,92 10,85 11,86 12,98
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 27,604	0 Cost an NABIN RR-13 4.0 27,604 17.0 56.0 1,298.0 Cost Cost Cost Cost Cost Cost Cost Cost	% d Benefit S AGAR Km 0&M Cost 10.00 % Total 27,604 68 68 68 68 68 68 68 68 68 68 68 68 68	tream No. 68.0 (Unit : 1,0 Benefit 0.0 1,354.0 1,483.8 1,626.6 1,783.6 1,783.6 1,783.6 1,783.6 1,783.6 1,783.6 1,783.6 1,783.6 1,783.6 2,585.4 2,838.4 3,116.6 3,422.7 3,759.3 4,129.7 4,537.0 4,985.2 5,478.1 6,020.3	15 00 Teka) Net Benefit -27,604 1,286 1,416 1,359 1,716 1,888 2,078 2,287 2,517 2,770 3,049 3,355 3,691 4,062 4,469 4,917 5,410 5,952	Yes	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Coostruction Cost 28,310	Cost an NABIN RR-14 7.3 28,310 1 17.0 790.0 2.438.0 Cost 0 2.438.0 Cost 0 2.25 125 125 125 125 125 125 125 125 125 1	d Benefit Si AGAR Km 0&M Cost 10.00 9 Tota 28,310 125 125 125 125 125 125 125 125 125 125	No. 124.6 (Unit : 1,00 Benefit 0.0 3,228.0 3,471.8 3,740.0 4,035.0 4,035.0 4,035.0 4,035.0 4,035.0 4,716.4 5,109.1 5,541.0 6,016.1 6,538.7 7,113.5 7,745.9 8,441.5 9,206.6 10,048.3 10,074.1 11,992.5	io Taka)

Table G.1.13 Calculation Table for IRR (Nabinagar Unazila) (4/12)

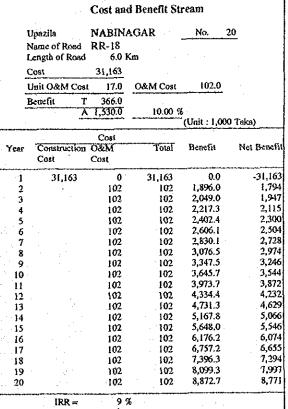
Table G.1.13 Calculation Table for	IRR
(Nabinagar Upazila) (5/12)	

·		Cost and	d Benefit S	tream				Cost and	d Benefit St	ream
	Upazila	NABIN/	AGAR	No. I	7		Upazila	NABINA	AGAR	No.
	Name of Road	RR-15	uli in th		- 1		Name of Road	RR-16		
	Length of Road	19.5 1	Km			_ { . :	Length of Road	4.5 H	Km	
	Can	120,856					Cost	29,079		
	Cost Unit O&M Cost	the second s	O&M Cost	390.0			Unit O&M Cost		O&M Cost	7
	بيخت وسرفيسه فالموجو وريهيس		CIOCIVE COST	370.0			Benefil T		Outifi Con	
. '		3,028.0	10.00 %			· · -	A		10.00 %	
				(Unit : 1,000) Taka)			Cart		(Unit :
Year	Construction Cost	Cost O&M Cost	Total	Benefit	Net Benefit	Year	Construction Cost	Cost O&M Cost	Total	Benef
1	120,856	0	120,856	0.0	-120,856	1	29,079	0	29,079	
2		390	390	10,059.0	9,669	2 3		77 77	77 77	52) 57)
3		390 390	390 390	10,762.1	11,146	4		17	77	62
5		390	390	12,386.3	11,996	5		77	77	68
6		390	390	13,322.1	12,932	6		77	77	75
7		390	390	14,351.5	13,961	1		77	77	82 00
8 9		390	- 390 390	15,483.8	15,094	8		- 77 - 77	77 77	90 99
10		390 390	390	18,099.6	17,710	10		m	77	1,09
п	·	390	390	19,606.7	19,217	- <u> </u> 11		77	11	1,19
12		390	390	21,264.6	20,875	12	-	77	77	1,31
13		390	390	23,088.3	22,698	13		17 17	77 77	1,44 1,58
4 5		390 390	390 390	25,094.3 27,300.9	24,704 26,911	14		17	11	1,38
5		390	390	29,728.2	29,338	16		77	77	1,91
1		390	390	32,398.2	32,008	[17	•	77	77	2,10
18		390	390	35,335.3	34,945	- 18		77	17	2,31 2,54
19 20		390 390	390 390	38,566.0 42,119.8	38,176 41,730	19 20		17 17	77 77	2,34 2,80
	IRR=	12 9						-2 5	%	
		Cost and	d Benefit S	tream				с аяг яв	d Benefit St	
										i caui
,	Upazila	NABIN	AGAR	<u>No. 1</u>	9	1	Upazila	NABIN		No.
,	Name of Road	RR-17		<u>No. 1</u>	9		Name of Road	NABIN RR-18	AGAR	
	Name of Road Length of Road	RR-17 4.0 I		<u>No. 1</u>	9		Name of Rosd Length of Rosd	NABIN RR-18 6.0 1	AGAR	
	Name of Road Length of Road Cost	RR-17 4.0 I 20,811	Km		9		Name of Rosd Length of Rosd Cost	NABIN RR-18 6.0 1 31,163	AGAR Km	<u>No.</u>
	Name of Road Length of Road Cost Unit O&M Cost	RR-17 4.0 I 20,811 17.0			9		Name of Road Length of Road Cost Unit O&M Cost	NABIN RR-18 6.0 1 31,163 1 17.0	AGAR	
	Name of Road Length of Road Cost	RR-17 4.0 1 20,811 17.0 30.0	Km	68.0	9		Name of Road Length of Road Cost Unit O&M Cost Benefit T	NABIN RR-18 6.0 1 31,163 17.0	AGAR Km	<u>No.</u> 10
	Name of Road Length of Road Cost Unit O&M Cost Benefit T	RR-17 4.0 I 20,811 17.0 30.0 840.0	Km O&M Cost	68.0			Name of Road Length of Road Cost Unit O&M Cost Benefit T	NABIN RR-18 6.0 1 31,163 17.0 366.0 1,330.0	AGAR Km O&M Cost	<u>No.</u>
	Name of Road Length of Road Cost Unit O&M Cost Benefit T A	RR-17 4.0 I 20,811 17.0 30.0 840.0 Cost	Km <u>O&M Cost</u> 10.00 9	68.0			Name of Road Length of Road Cost Unit O&M Cost Benefit T A	NABINA RR-18 6.0 1 31,163 17.0 366.0 1,330.0 Cost	AGAR Km O&M Cost	No. 10
	Name of Rosd Length of Road Cost Unit O&M Cost Benefit T	RR-17 4.0 I 20,811 17.0 30.0 840.0 Cost	Km O&M Cost	68.0			Name of Road Length of Road Cost Unit O&M Cost Benefit T	NABINA RR-18 6.0 1 31,163 17.0 366.0 1,330.0 Cost	AGAR Km O&M Cost	<u>No.</u> 10
'ear I	Name of Road Length of Road Cost Unit O&M Cost Benefit T <u>A</u> Construction	RR-17 4.0 J 20,811 17.0 30.0 840.0 Cost Cost Cost Cost 0 & M Cost	Km O&M Cost 10.00 % Totel 20,811	68.0 (Unit : 1,000 Benefit 0.0) Taka) Net Benefit -20,811	Year	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	NABIN RR-18 6.0 1 31,163 17.0 366.0 1,330.0 Cost Cost Cost 0	AGAR Km 0&M Cost 10.00 % Total 31,163	<u>No.</u> 10 (Unit : Benet
'ear I 2	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-17 4.0 I 20,811 17.0 30.0 840.0 Cost Cost Cost 0 68	Km O&M Cost 10.00 % Totel 20,811 68	68.0 (Unit : 1,000 Benefit 0.0 870.0) Taka) Net Benefit -20,811 802	Yeer 1 2	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 17.0 366.0 1,330.0 Cost Cost Cost 0&M Cost 0 102	AGAR Km <u>O&M Cost</u> 10.00 % Total 31,163 102	10
ear 1 2 3	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-17 4.0 J 20,811 17.0 30.0 8400 Cost Cost Cost 0 & M Cost 0 68 68 68	Km O&M Cost 10.00 9 Tote! 20,811 68 68	68.0 (Unit : 1,000 Banefit 0.0 870.0 954.0) Taka) Net Benefit -20,811 802 886	Year 1 2 3	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.01 31,163 1,17.0 366.0 7,330.0 Cost Cost Cost Cost Cost 0 & M Cost Cost 0 2 102	AGAR Km 0&M Cost 10.00 % Total 31,163	<u>No.</u> 10 6 (Unit : Bene: 1,89 2,04
ear 1 2	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-17 4.0 I 20,811 17.0 30.0 840.0 Cost Cost Cost 0 68	Km O&M Cost 10.00 % Totel 20,811 68	68.0 (Unit : 1,000 Benefit 0.0 870.0) Taka) Net Benefit -20,811 802	Year 1 2 3 4 5	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 17.0 366.0 1,330.0 Cost Cost Cost 0&M Cost 0 102	AGAR <u>O&M Cost</u> 10.00 9 Total 31,163 102 102	
ear 1 2 3 4 5 6	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost Cost 0 63 6	Km <u>O&M Cost</u> 10.00 % Totel 20,811 68 68 68 68 68 68 68 68	68.0 (Unit : 1,000 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8	D Taka) Net Bensfit -20,811 802 886 978 1,080 1,192	Year 1 2 3 4 5 6	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 17.0 366.0 1,330.0 Cost Cost O&M Cost 0 102 102 102 102 102 102	AGAR <u>O&M Cost</u> 10.00 9 Total 31,163 102 102 102 102 102 102 102 102	10 { (Unit : Benet 1,89 2,04 2,21 2,40 2,60
/ear 1 2 3 4 5 6 7	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost Cost 0 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68	Km <u>O&M Cost</u> 10.00 9 Totel 20,811 68 68 68 68 68 68 68 68 68 68	68.0 (Unit : 1,000 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8 1,382.8) Taka) Net Benefit -20,811 802 886 978 1,080 1,192 1,315	Year 1 2 3 4 5 6 7	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 17.0 366.0 1,330.0 Cost Cost Cost OZM Cost 0 102 102 102 102 102 102	AGAR <u>O&M Cost</u> 10.00 9 Total 31,163 102 102 102 102 102 102 102 102	No. 10 6 (Unit : 1,89 2,04 2,21 2,40 2,60 2,83
fear 1 2 3 4 5 6 7 8	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68	Km <u>O&M Cost</u> <u>10.00 9</u> Totel 20,811 68 68 68 68 68 68 68 68 68 68	68.0 (Unit : 1,000 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8 1,382.8 1,518.1	D Taka) Net Benefit -20,811 802 886 978 1,080 1,192 1,315 1,450	Year 1 2 3 4 5 6 7 8	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 1 17.0 366.0 1,330.0 Cost Cost Cost Cost 0 0 2 102 102 102 102 102 102 102	AGAR <u>O&M Cost</u> 10.00 % Total 31,163 102 102 102 102 102 102 102 102	No. 10 6 (Unit : Benet 1,89 2,04 2,21 2,40 2,60 2,63 3,07
ear 1 2 3 4 5 6 7 8 9	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-17 4.0 J 20,811 17.0 30.0 8400 Cost Cost Cost Cost Cost Cost Cost Cost	Km O&M Cost 10.00 9 Totel 20,811 68 68 68 68 68 68 68 68 68 68	68.0 (Unit : 1,000 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8 1,382.8 1,318.1 1,666.9	D Taka) Net Benefit -20,811 802 886 978 1,080 1,192 1,315 1,450 1,599	Year 1 2 3 4 5 6 7 8 9	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 17.0 366.0 1,330.0 Cost Cost Cost OZM Cost 0 102 102 102 102 102 102	AGAR <u>O&M Cost</u> 10.00 9 Total 31,163 102 102 102 102 102 102 102 102	No. 10 (Unit : Bene: 1,89 2,04 2,40 2,40 2,40 2,40 2,40 2,60 2,83 3,07 3,34 3,64
ear 1 2 3 4 5 6 7 8	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost Cost Cost 0 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68	Km <u>O&M Cost</u> <u>10.00 9</u> Totel 20,811 68 68 68 68 68 68 68 68 68 68	68.0 (Unit : 1,000 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8 1,382.8 1,518.1	D Taka) Net Benefit -20,811 802 886 978 1,080 1,192 1,315 1,450	Year 1 2 3 4 5 6 7 8 9 10	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 17.0 366.0 1,330.0 Cost Cost O&M Cost 02 102 102 102 102 102 102 102 102 102	AGAR <u>O&M Cost</u> 10.00 9 Total 31,163 102 102 102 102 102 102 102 102	No. 10 (Unit : Bene: 1,89 2,04 2,60 2,60 2,83 3,07 3,34 3,64 3,64 3,64 3,69
ear 1 2 3 4 5 6 7 8 9 10 11 12	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost Cost 020,811 17.0 30.0 \$40.0 30.0 \$40.0 Cost 0 Cost 0 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68 68	Km O&M Cost 10.00 9 Totel 20,811 68 68 68 68 68 68 68 68 68 68	68.0 (Unit : 1,000 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8 1,382.8 1,518.1 1,666.9 1,830.6 2,010.7 2,208.7	D Teka) Net Benefit -20,811 802 886 978 1,080 1,192 1,315 1,450 1,599 1,763 1,943 2,141	Year 1 2 3 4 5 6 7 8 9 10 11 12	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 17.0 366.0 1,330.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR <u>O&M Cost</u> 10.00 9 Total 31,163 102 102 102 102 102 102 102 102	No. 10 6 (Unit : Bene: 1,89 2,04 2,63 2,64 2,63 3,07 3,34 3,64 3,64 3,64 3,64
ear 1 2 3 4 5 6 7 8 9 10 11 12 13	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost Cost 000000000000000000000000000000000000	Km O&M Cost 10.00 9 Totel 20,811 68 68 68 68 68 68 68 68 68 68	68.0 (Unit : 1,000 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8 1,382.8 1,518.1 1,666.9 1,830.6 2,010.7 2,208.7 2,426.6	D Taka) Net Benefit -20,811 802 886 978 1,080 1,192 1,315 1,450 1,599 1,763 1,943 2,141 2,359	Year 1 2 3 4 5 6 7 7 8 9 10 11 12 13	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 17.0 366.0 7,330.0 Cost Cost Cost Cost 102 102 102 102 102 102 102 102 102 102	AGAR <u>O&M Cost</u> 10.00 9 Total 31,163 102 102 102 102 102 102 102 102	No. 10 6 (Unit : Benet 2,04 2,21 2,40 2,60 2,63 3,07 3,34 3,64 3,64 3,64 3,64 3,64 3,64
l 2 3 4 5 6 7 8 9 10 11 12 13 14	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost Cost 0 68 68 68	Km O&M Cost 10.00 9 Totel 20,811 68 68 68 68 68 68 68 68 68 68	68.0 (Uoit : 1,000 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8 1,382.8 1,518.1 1,666.9 1,830.6 2,010.7 2,208.7 2,426.6 2,666.3	D Taka) Net Benefit -20,811 802 886 978 1,080 1,192 1,315 1,450 1,599 1,763 1,943 2,141 2,359 2,598	Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN RR-18 6.0 1 31,163 17.0 366.0 1,330.0 Cost Cost Cost Cost 0 202 102 102 102 102 102 102 102 102 1	AGAR Km 0&M Cost 10.00 9 Total 31,163 102 102 102 102 102 102 102 102	No. 10 (Unit : Bene: 1,89 2,04 2,40 2,40 2,40 2,60 2,83 3,07 3,34 3,64 3,97 4,33 4,73 5,16
l 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 20,811	Cost Cost 0 68 68 68	Km 	68.0 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8 1,382.8 1,518.1 1,666.9 1,830.6 2,010.7 2,208.7 2,426.6 2,666.3 2,929.9	D Taka) Net Benefit -20,811 802 886 978 1,080 1,192 1,315 1,450 1,599 1,763 1,943 2,141 2,359 2,598 2,862	Year 1 2 3 4 5 6 7 7 8 9 10 11 12 13	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 17.0 366.0 7,330.0 Cost Cost Cost Cost 102 102 102 102 102 102 102 102 102 102	AGAR <u>O&M Cost</u> 10.00 9 Total 31,163 102 102 102 102 102 102 102 102	No. 10 (Unit : Bene: 1,89 2,04 2,21 2,40 2,60 2,83 3,07 3,34
l 2 3 4 5 6 7 8 9 10 11 12 13 14	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 20,811	Cost Cost 0 68 68 68	Km O&M Cost 10.00 9 Totel 20,811 68 68 68 68 68 68 68 68 68 68	68.0 (Uoit : 1,000 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8 1,382.8 1,518.1 1,666.9 1,830.6 2,010.7 2,208.7 2,426.6 2,666.3	D Taka) Net Benefit -20,811 802 886 978 1,080 1,192 1,315 1,450 1,599 1,763 1,943 2,141 2,359 2,598	Yeer 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 17.0 366.0 7,330.0 Cost Cost Cost Cost Cost Cost Cost 0 2 102 102 102 102 102 102 102 102 102	AGAR <u>O&M Cost</u> 10.00 9 Total 31,163 102 102 102 102 102 102 102 102	No. 10 6 (Unit : Bene: 1,89 2,04 2,64 2,40 2,64 3,07 3,34 3,64 3,97 4,33 4,73 5,16 5,64 6,17 6,75
rear 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 20,811	Cost Cost 0 0 0 0 0 0 0 0 0 0 0 0 0 0 68 68	Km O&M Cost 10.00 9 Totel 20,811 68 68 68 68 68 68 68 68 68 68	68.0 (Unit : 1,000 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8 1,382.8 1,518.1 1,666.9 1,830.6 2,010.7 2,208.7 2,426.6 2,666.3 2,929.9 3,219.9 3,538.9 3,889.8	D Taka) Net Benefit -20,811 802 886 978 1,080 1,192 1,315 1,450 1,599 1,763 1,943 2,141 2,359 2,598 2,852 3,152 3,471 3,822	Year 1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 13	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.01 31,163 17.0 366.0 1,330.0 Cost Cost 0 102 102 102 102 102 102 102	AGAR <u>O&M Cost</u> 10.00 9 Total 31,163 102 102 102 102 102 102 102 102	No. 10 6 (Unit : Benet 2,04 2,60 2,60 2,60 2,60 2,60 2,60 2,60 3,07 3,34 3,64 3,67 4,33 3,07 3,34 3,64 4,33 3,5,16 5,64 6,75 6,75 7,39
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 20,811	Cost Cost 0 68 68 68	Km <u>10.00 9</u> Totel 20,811 68 68 68 68 68 68 68 68 68 68	68.0 (Unit : 1,000 Benefit 0.0 870.0 954.0 1,046.4 1,148.0 1,259.8 1,382.8 1,518.1 1,666.9 1,830.6 2,010.7 2,208.7 2,426.6 2,666.3 2,929.9 3,219.9 3,538.9	D Taka) Net Benefit -20,811 802 886 978 1,080 1,192 1,315 1,450 1,599 1,763 1,943 2,141 2,359 2,598 2,862 3,152 3,471	Yeer 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN. RR-18 6.0 1 31,163 17.0 366.0 7,330.0 Cost Cost Cost Cost Cost Cost Cost 0 2 102 102 102 102 102 102 102 102 102	AGAR <u>O&M Cost</u> 10.00 9 Total 31,163 102 102 102 102 102 102 102 102	No. 10 6 (Unit : Bene: 1,89 2,04 2,64 2,40 2,64 3,07 3,34 3,64 3,97 4,33 4,73 5,16 5,64 6,17 6,75

10.00 % (Unit : 1,000 Taka) _____ Total Benefit Net Benefit -29,079 444 29,079 0.0 520.0 570.0 494 625.0 549 625.6 685.5 752.1 825.3 905.8 994.4 609 676 749 829 918 1,091.8 1,015 1,199.0 1,122 1,316.9 1,240 1,370 1,446.6 1,446.0 1,589.2 1,746.1 1,918.7 2,108.6 2,317.5 1,370 1,513 1,670 1,842 2,032 2,241 2,471 2,723 2,547.2 2,800.0

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• •	Upazila	NABINA	GAR	No.	21			Upazila	NABIN	AGAR	No.	22
	• ·	RR-19			:	- X -		Name of Road	RR-20	1.1.1		a de la composición d
	Length of Road	5.0 H	(m					Length of Road	7.5	Km	1.1.1	
	e a Tanta an							Cost	37,922	·		•
	Cost	23,759	OBMCon	85.0			· · ·	Unit O&M Cos	State State State of State	O&M Cost	127.5	
	Unit O&M Cost	107.0	O&M Cost	V.68			· · ·	Benefit T				
	Benefit T A	1,684.0	10.00 %		· .	1	1	A		10.00 5		
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Year	Construction Cost	Cost ···	Total	Benefit	Net Be	rectit	Year	Cost	Cost	10081	Denetiti	THET DEDEN
	23,759	0	23,759	0.0	-73	3,759		37,922	0	37,922	0,0	-37,92
2		85	85	1,791.0		,706	2	51,550	128	128	2,639.0	2,51:
. 3		85	85	1,959.4		874	3		128	128	2,880.4	2.753
4	. .	85	85	2,144.6		2,060	4		128	: 128	3,145.9 3,438.0	3,018 3,311
5		85	85	2,348.4		2,263	5		128 128	128 128	3,759.3	3,632
6		85 85	85	2,572.5		2,488	7		128	128	4,112.8	3,985
8		85	85	3,090.3		,005	8		128	128	4,501.5	4,374
່ 9)	85	85	3,388.6	3	1,304	9		128	128	4,929.2	4,80,
		85	85	3,716.8		3,632	10	:	128 128	128 128	5,399.6 5.917.1	5,27
11		85 85	85 85	4,077.8	3	1,993 1,390	11		128	128	6,486.3	6,35
12		85	85	4,474.9 4,911.6		1,827	13		128	128	7,112.4	6,98
14		85	85	5,392.1		5,307	14		128	128	7.801.2	7,674
15		85	85	5,920.6		5,836	15		.128	128	8,558.8	8,43
16		85	85	6,502.0		5,417	16	·	128	128	9,392.2 10,308.9	9,26: 10,18
17		85 85	85 85	7,141.5 7,844.9		1,056 1,760	18		128	128	11,317.3	11,190
18 19		85	85	8,618.7		1,534	19		128	128	12,426.5	12,29
										100	13,646.6	13,519
20		85	85	9,469.9		,385	20	4. S	128	128	1010 1010	
			85				20	irr =	128	·····		
) IRR =	85	85	9,469.9				irr =	11	76		
) IRR =	85	85	9,469.9			20	IRR ≠	11 Cost an	z d Benefit Sf	ream	
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) IRR = Upazila Name of Road	85 12 5 Cost and NABINA RR-21	85 6 1 Benefit S NGAR	9,469.9 tream	9			Upazila Name of Road	II Cost an NABIN RR-22	z d Benefit St AGAR	ream	
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) IRR = Upazila Name of Road Length of Road Length of Road Lost Unit O&M Cost Benefit T	85 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0	85 6 1 Benefit S AGAR AGAR (m O&M Cost	9,469.9 tream No. 85.0	9			Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	11 Cost an NABIN RR-22 12.0 64,967 t 17.0 347.0	z d Benefit St AGAR Km <u>O&M Cost</u>	ream <u>No.</u> 204.0	
) IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost	85 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0	85 1 Benefit S AGAR Am	9,469.9 tream No. 85.0	9 23			Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	11 1 Cost an NABIN RR-22 12.0 64.967 t 17.0	ø d Benefit St AGAR Km	ream No. 204.0	24
) IRR = Upazila Name of Road Length of Road Length of Road Lost Unit O&M Cost Benefit T	85 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0 350.0	85 6 1 Benefit S AGAR AGAR (m O&M Cost	9,469.9 tream No. 85.0	9 23			Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	11 1 Cost an NABIN. RR-22 12.0 1 64,967 17.0 347.0 2,283.0	z d Benefit St AGAR Km <u>O&M Cost</u>	ream <u>No.</u> 204.0	24
) IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T <u>A</u> Construction	85 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0 350.0 Cost O&M	85 6 1 Benefit S AGAR AGAR (m O&M Cost	9,469.9 tream No. 85.0	9 23),385		Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction	11 1 Cost an NABIN RR-22 12.0 1 64,967 (17.0 347.0 347.0 347.0 2,283.0 Cost O&M	z d Benefit St AGAR Km <u>O&M Cost</u>	ream No. 204.0	<u>24</u> X0 Taka)
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20 Year 1	Upazila Name of Road Length of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	85 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0 330.0 Cost Cost Cost 0	85 6 1 Benefit S AGAR (m <u>O&M Cost</u> 10.00 % <u>Total</u> 23,759	9,469.9 tream No. 85.0 (Unit : 1,00 Benefit 0.0	9 23 20 Taka) Net Ber	nefit	Year	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction	11 1 Cost an NABIN, RR-22 12.0 1 64,967 t 17.0 347.0 2,283.0 Cost Cost Cost 0 & M Cost	z d Benefit Sf AGAR Km <u>O&M Cost</u> 10.00 5 Total 64,957	ream No. 204.0 6 (Unit : 1,00 Benefit 0.0	24 27 24 20 Taka) Net Beoefi -64,96
20 Year 1 2	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	85 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0 350.0 Cost Cost Cost Cost 0 85	85 6 1 Benefit S AGAR (m 0&M Cost 10.00 % Total 23,759 85	9,469.9 tream No. 85.0 ; (Unit : 1,00 Benefit 0,0 371.0	9 23 20 Taka) Net Ber	nefit	Year 1 2	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN RR-22 12.0 1 64,967 (17.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 0 204	76 d Benefit St AGAR Km <u>O&M Cost</u> 10.00 5 Total 64,557 204	ream No. 204.0 6 (Unit : 1,00 Benefit 0.0 2,630.0	24 24 24 24 24 24 24 24 24 24 24 24 24 2
20 Year 1	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	85 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0 330.0 Cost Cost Cost 0	85 6 1 Benefit S AGAR (m <u>O&M Cost</u> 10.00 % <u>Total</u> 23,759	9,469.9 tream No. 85.0 (Unit : 1,00 Benefit 0.0	9 23 20 Taka) Net Ber	nefit	Year 1 2 3 4	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN, RR-22 12.0 1 64,967 t 17.0 347.0 2,283.0 Cost Cost Cost 0 & M Cost	26 d Benefit St AGAR M <u>O&M Cost</u> 10.00 5 70tel 64,957 204 204 204	ream No. 204.0 6 (Unit : 1,00 Benefit 0.0 2,630.0 2,858.3 3,109.4	24 24 24 20 Taka)
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20 Year 1 2 3 3 4 5 6 6 7 7 8	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 23,759	85 12 5 Cost and NABIN/ RR-21 5.0 F 23,759 17.0 21.0 350.0 Cost Cost Cost Cost 0 85 85 85 85 85 85	85 6 1 Benefit S AGAR (m 0&M Cost 10.00 2 Total 23,759 85 85 85 85 85 85 85 85 85	9,469.9 tream No. 85.0 (Unit : 1,00 Benefit 0.0 371.0 406.0 444.5 486.9 533.4 584.7 641.0	9 23 20 Taka) Net Ber	nefit 3,759 286 321 360 402 448 500 556	Year 1 2 3 4 5 6 7 8	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN RR-22 12.0 64.967 17.0 347.0 2,283.0 Cost Cost Cost Cost Cost Cost Cost Cost	26 d Benefit St AGAR Km 0&M Cost 10.00 5 Totel 64,557 204 204 204 204 204 204 204 204	ream No. 204.0 6 (Unit : 1,00 8 (Unit : 1,00 2,630.0 2,630.0 2,630.0 2,858.3 3,109.4 3,385.7 3,689.5 4,023.8 4,391.5	24 24 00 Taka) .64,96 2,42 2,65 2,90 3,18 3,48 3,82 4,18 3,82 4,18
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20 Year 1 2 3 4 5 5 6 6 7 7 8 8 9 9 10	Upazila Name of Road Length of Road Length of Road Length of Road Cost Unit O&M Cost Unit O&M Cost Benefit T A Construction Cost 23,759	85 12 5 Cost and NABIN/ RR-21 5.0 F 23,759 17.0 21.0 330.0 Cost Cost Cost Cost Cost 0 85 85 85 85 85 85 85 85 85 85 85 85	85 6 1 Benefit S AGAR (m 0&M Cost 10.00 2 Total 23,759 85 85 85 85 85 85 85 85 85	9,469.9 tream No. 85.0 (Unit : 1,00 Benefit 0.0 371.0 406.0 444.5 486.9 533.4 584.7 641.0	9 23 20 Taka) Net Ber	nefit 3,759 286 321 360 402 448 500 556	Year 1 2 3 4 5 6 7 8	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN RR-22 12.0 64.967 17.0 347.0 2,283.0 Cost Cost Cost Cost Cost Cost Cost Cost	26 d Benefit St AGAR Km 0&M Cost 10.00 5 Total 64,557 204 204 204 204 204 204 204 204	ream No. 204.0 6 (Unit : 1,00 8 (Unit : 1,00 2,630.0 2,630.0 2,630.0 2,630.0 2,630.0 2,630.0 2,630.0 2,630.0 3,1(9,4) 3,385.7 3,689.5 4,023.8 4,391.5 4,795.9 5,240.8 5,730.2	24 24 24 24 265 2,90 3,18 3,48 3,48 3,82 4,18 4,59 5,03 5,52
20 Year 1 2 3 3 4 4 5 6 6 7 7 8 9 9	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	85 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0 350.0 Cost Cost Cost 0 85 85 85 85 85 85 85 85 85 85	85 4 1 Benefit S AGAR (m 0&M Cost 10.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85	9,469.9 tream No. 85.0 (Unit : 1,00 Benefit 0,0 371.0 406.0 444.5 486.9 533.4 584.7 641.0 703.1 771.3	9 23 10 Taka) Net Ber -23	mefit 3,759 286 321 360 402 448 500 556 618 686 618 684	Year 1 2 3 4 5 6 7 7 8 9 10 11 12	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN, RR-22 12.0 64.967 17.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 347.0 204 204 204 204 204 204 204 204 204 20	26 d Benefit St AGAR Km O&M Cost 10.00 5 Total 64,957 204 204 204 204 204 204 204 204	ream No. 204.0 204.0 6 (Unit : 1,00 8 (Unit : 1,00 2,630.0 2,858.3 3,109.4 3,385.7 3,689.5 4,023.8 4,023.8 4,391.5 4,795.9 5,730.2 5,730.2 5,730.2 6,268.5	24 24 24 24 24 242 242 2,422 2,422 2,422 2,422 2,423 2,423 2,424 2,455 2,900 3,188 3,488 3,527 5,552
20 Year 1 2 3 4 4 5 6 6 7 7 8 9 9 10	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	85 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0 350.0 Cost Cost Cost Cost Cost 0 85 85 85 85 85 85 85 85 85 85	85 6 1 Benefit S AGAR (m 0&M Cost 10.00 2 Total 23,759 85 85 85 85 85 85 85 85 85 85	9,469.9 tream No. 85.0 (Unit : 1,00 Benefit 0.0 371.0 406.0 444.5 486.9 533.4 584.7 641.0 703.1 771.3 846.3 928.8 1,019.6	9 23 23 23 23 23 23 23 23 23 23 23 23 23	nefit 3,759 286 321 360 402 448 5500 556 618 686 761 844 935	Year 1 2 3 4 5 6 7 8 9 10 11 12 13	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN, RR-22 12.0 1 64,967 17.0 347.0 24,967 0 347.0 244 204 204 204 204 204 204 204 204 20	26 d Benefit St AGAR Km 0&M Cost 10.00 5 Total 64,957 204 204 204 204 204 204 204 204	ream No. 204.0 6 (Unit : 1,00 Benefit 0.0 2,630.0 2,858.3 3,109.4 3,385.7 3,689.5 4,023.8 4,391.5 4,023.8 4,391.5 4,795.9 5,240.8 5,730.2 6,268.5 6,860.7	24 24 24 -64,96 2,42 2,65 2,90 3,18 3,48 3,48 3,82 4,18 4,59 5,03 5,52 6,06 6,65
20 Year 1 2 3 3 4 4 5 6 6 7 7 8 9 9 10 11 11 12 13 14	IRR = Upazila Name of Road Length of Road Length of Road Length of Road Cost Unit O&M Cost Unit O&M Cost Unit O&M Cost Construction Cost 23,759	85 12 5 Cost and NABIN/ RR-21 5.0 F 23,759 17.0 21.0 350.0 Cost Cost Cost Cost 0 85 85 85 85 85 85 85 85 85 85	85 6 1 Benefit S AGAR (m 0&M Cost 10.00 2 Total 23,759 85 85 85 85 85 85 85 85 85 85	9,469.9 tream No. 85.0 (Unit : 1,00 Benefit 0,0 371.0 406.0 444.5 486.9 533.4 584.7 641.0 703.1 771.3 846.3 928.8 1,019.6 1,119.4	9 23 00 Taka) Net Be -23	nefit 3,759 286 402 448 500 618 686 761 844 935 ,034	Year 1 2 3 4 4 5 6 7 8 9 10 11 11 12 13 13	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN, RR-22 12.0 1 64,967 t 17.0 347.0 2,283.0 Cost Cost Cost Cost Cost Cost Cost Cost	Z d Benefit St AGAR Km <u>O&M Cost</u> 10.00 5 Totel 64,557 204 204 204 204 204 204 204 204 204 204	ream No. 204.0 (Unit : 1,00 Benefit 0,0 2,858.3 3,109.4 3,385.7 3,689.5 4,092.8 4,391.5 4,795.9 5,240.8 5,730.2 6,860.7 7,512.0	24 24 24 265 2,40 3,18 3,48 3,82 4,13 4,59 5,00 5,52 6,65 6,65 7,30
20 Year 1 2 3 3 4 4 5 5 6 6 7 7 8 9 9 9 10 11 12 13 14 15	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	85 12 5 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0 350.0 Cost Cost Cost Cost 0 85 85 85 85 85 85 85 85 85 85	85 6 1 Benefit S AGAR (m 0&M Cost 10.00 % 70tal 23,759 85 85 85 85 85 85 85 85 85 85 85 85 85	9,469.9 tream No. 85.0 (Unit : 1,00 Benefit 0,0 371.0 406,0 444.5 486.9 533.4 584.7 641.0 703.1 771.3 846.3 928.8 1,019.6 1,119.4 1,229.3	9 23 23 0 Taka) Net Ber -23	neefit 3,759 286 321 360 556 618 686 761 844 935 ,034 ,144	Year 1 2 3 4 4 5 6 7 8 9 10 11 11 12 13 14 15	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN, RR-22 12.0 1 64,967 t 17.0 347.0 2,283.0 Cost Cost Cost Cost 0 204 204 204 204 204 204 204	Z d Benefit St AGAR Km 0&M Cost 10.00 9 Total 64,557 204 204 204 204 204 204 204 204 204 204	ream No. 204.0 6 (Unit : 1,00 Benefit 0.0 2,630.0 2,730.0 2,630.0 2,750.0 2,730.0 2,75	24 24 24 24 24 24 24 24 24 24
20 Year 1 2 3 4 4 5 6 6 7 7 8 9 9 10 11 11 12 13 14 15 16	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	85 12 5 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0 350.0 Cost Cost Cost Cost Cost 0 85 85 85 85 85 85 85 85 85 85	85 6 1 Benefit S AGAR (m 0.00 % 70tal 23,759 85 85 85 85 85 85 85 85 85 85 85 85 85	9,469.9 tream No. 85.0 (Unit : 1,00 Benefit 0,0 371.0 406.0 444.5 486.9 533.4 584.7 641.0 703.1 771.3 846.3 928.8 1,019.6 1,119.4 1,229.3 1,350.1	9 23 00 Taka) Net Ber -23 1 1	nefit 3,759 286 321 360 402 556 618 448 500 556 618 448 935 ,034 ,144 ,265	Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16 17 10 10 10 10 10 10 10 10 10 10	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN. RR-22 12.0 64.967 17.0 347.0 2.283.0 Cost Cost Cost Cost Cost Cost Cost Cost	Z d Benefit St AGAR Km 0&M Cost 10.00 5 70tal 64,557 204 204 204 204 204 204 204 204 204 204	ream No. 204.0 6 (Unit : 1,00 2,630.0 2,858.3 3,109.4 3,385.7 3,689.5 4,023.8 4,391.5 4,795.9 5,240.8 5,730.2 6,268.5 6,860.7 7,512.0 8,228.5 9,016.7	24 24 24 24 24 24 24 265 2,90 3,18 3,48 3,59 5,52 6,06 6,65 7,30 8,02 8,0
20 Year 1 3 3 4 5 6 6 7 7 8 9 9 10 11 12 13 14 15 16 17	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	85 12 5 Cost and NABIN/ RR-21 5.0 F 23,759 17.0 21.0 350.0 Cost Cost Cost Cost 0 &M Cost 0 &M S5 85 85 85 85 85 85 85 85 85 8	85 6 1 Benefit S AGAR (m 0.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85 85 85 85	9,469.9 tream No. 85.0 (Uait : 1,00 Benefit 0.0 371.0 406.0 444.5 486.9 533.4 584.7 641.0 703.1 771.3 846.3 928.8 1,019.6 1,119.4 1,229.3 1,350.1 1,483.0	9 23 10 Taka) Net Be -23 -23	nefit 3,759 286 321 360 402 448 500 556 618 686 618 684 935 ,034 ,144 ,265 ,398	Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN RR-22 12.0 64.967 17.0 347.0 2,283.0 Cost Cost Cost Cost Cost 0 204 204 204 204 204 204 204	Z d Benefit St AGAR Km 0&M Cost 10.00 9 Total 64,557 204 204 204 204 204 204 204 204 204 204	ream No. 204.0 6 (Unit : 1.00 Benefit 0.0 2,630.0 2,858.3 3,109.4 3,385.7 3,689.5 4,023.8 4,091.5 4,023.8 4,391.5 4,795.9 5,240.8 5,730.2 6,268.5 6,860.7 7,512.0 8,228.5 6,860.7 7,512.0 8,9016.7 9,883.7	24 24 24 24 242 265 2,90 3,18 3,48 3,82 4,18 3,82 4,18 3,52 5,02 5,02 5,02 5,02 8,02 8,01 9,68 8,01 9,68
20 Year 1 2 3 3 4 5 6 6 7 7 8 9 10 11 11 12 13 14 15 16 17 18	Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 23,759	85 12 5 12 5 Cost and NABINA RR-21 5.0 F 23,759 17.0 21.0 350.0 Cost Cost Cost Cost Cost 0 85 85 85 85 85 85 85 85 85 85	85 6 1 Benefit S AGAR (m 0&M Cost 10.00 2 Total 23,759 85 85 85 85 85 85 85 85 85 85	9,469.9 tream No. 85.0 (Unit : 1,00 Benefit 0.0 371.0 406.0 444.5 486.9 533.4 486.9 533.4 584.7 641.0 703.1 771.3 846.3 928.8 1,019.6 1,319.4 1,229.3 1,350.1 1,483.0 1,629.2	9 23 00 Taka) Net Be -23 1 1 1 1 1	nefit 3,759 286 321 360 402 556 618 448 500 556 618 448 935 ,034 ,144 ,265	Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16 16 16 16 16 16 16 16 16	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN. RR-22 12.0 64.967 17.0 347.0 2.283.0 Cost Cost Cost Cost Cost Cost Cost Cost	Z d Benefit St AGAR Km 0&M Cost 10.00 5 70tel 64,557 204 204 204 204 204 204 204 204 204 204	ream No. 204.0 (Unit : 1,00 Benefit 0,0 2,630.0 2,858.3 3,109.4 3,385.7 3,689.5 4,023.8 4,391.5 4,795.9 5,240.8 5,730.2 6,268.5 5,730.2 6,268.5 9,016.7 9,883.7 9,016.7 9,883.7 10,837.3 11,886.4	24 24 24 24 24 24 24 24 24 24
20 Year 1 3 3 4 5 6 6 7 7 8 9 9 10 11 12 13 14 15 16 17	Upazila Name of Road Length of Road Length of Road Length of Road Cost Unit O&M Cost Unit O&M Cost Enefit T A Construction Cost 23,759	85 12 5 Cost and NABIN/ RR-21 5.0 F 23,759 17.0 21.0 350.0 Cost Cost Cost Cost 0 85 85 85 85 85 85 85 85 85 85	85 6 1 Benefit S AGAR (m 0.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85 85 85 85	9,469.9 tream No. 85.0 (Uait : 1,00 Benefit 0.0 371.0 406.0 444.5 486.9 533.4 584.7 641.0 703.1 771.3 846.3 928.8 1,019.6 1,119.4 1,229.3 1,350.1 1,483.0	9 23 00 Taka) Net Be -23	nefit 3,759 286 321 360 402 448 550 556 618 686 761 844 935 ,034 ,144 265 ,398 ,544	Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Upazila Name of Road Length of Road Cost Uait O&M Cost Beacht T A Construction Cost	11 1 Cost an NABIN, RR-22 12.0 1 64,967 17.0 347.0 2,283.0 Cost Cost Cost Cost 0 204 204 204 204 204 204 204	26 d Benefit St AGAR Km O&M Cost 10.00 5 Total 64,557 204 204 204 204 204 204 204 204	ream No. 204.0 6 (Unit : 1,00 Benefit 0.0 2,630.0 2,858.3 3,109.4 3,385.7 3,689.5 4,023.8 4,391.5 4,0795.9 5,240.8 5,730.2 6,268.5 6,860.7 7,512.0 8,228.5 9,016.7 7,512.0 8,228.5 9,016.7 7,9,883.7 10,837.3	24

Table G.1.13 Calculation Table for IRR (Nabinagar Upazila) (6/12)

Table G.1.13 Calculation Table for IRR(Nabinagar Upazila) (7/12)

		Cost on	d Benefit St		ar Upazi
		COSt and	a Denent S	i tani	
τ	Jpazila	NABIN/	AGAR	No.	25
	Varue of Road	RR-23		:	
	ength of Road	13.5 1	<		
	cingui of room	12021			· · · ·
	Cost	105,255			
ें ।	Juit O&M Cost	17.0	O&M Cost	229.5	
Ĩ	Benefit T	661.0			landari Aliante de la compositione
	A	1,540.0	10.00 %		
				(Unit : 1,0	00 Taka)
		Cost		· · · ·	
Year	Construction		Total	Benefit	Net Benef
	Cost	Cost			
t	105,255	0	105,255	0.0	-105,25
2	100,000	230	230	2,201.0	1,97
3		230	230	2,355.0	2,12
4		230	230	2.524.4	2,29
5	· · · ·	230	230	2,710.7	2,48
6		230	230	2,915.7	2,68
7		230	230	3,141.2	2,91
8		230	230	3,389.2	3,16
9		230	230	3,662.0	3,43
10	1. T. I.	230	230	3,962.1	3,73
11		230	230 230	4,292.2 4,655.4	4,06 4,42
12		230	230	5,054.8	4,42 4,82
- 13		230	230	5,494.2	5,26
15		230	230	5.977.5	5,74
16		230	230	6,509,1	6,28
17		230	230	7.094.0	6,86
18	· · · ·	230	230	7,737.3	7,50
19		230	230	8,444.9	8,21
		- 120	-230	9,223.3	8,99
20	IRR =	230 -2 5	%		
	······································	-2 s	% 1 Benefit St	ream	
	Jpazila	-2 s Cost and NABINA	% 1 Benefit St		27
 ۲ ۲	Jpazila Janue of Rose	-2 s Cost and NABINA RR-25	% 1 Benefit St AGAR	ream	
	Jpazila Janic of Road cugth of Road	-2 S Cost and NABINA RR-25 2.0 F	% 1 Benefit St AGAR	ream	
	Jpazila Janue of Rose	-2 s Cost and NABINA RR-25	% 1 Benefit St AGAR	ream	
	Jpazila Janic of Road cugth of Road	-2 S Cost and NABINA RR-25 2.0 F	% 1 Benefit St AGAR	ream	
	Jpazila Janue of Road Length of Road Cost	-2 9 Cost and NABINA RR-25 2.0 F 10,351	% I Benefit St AGAR Km	ream No.	
	Jpazila Jano of Rosd ength of Road Cost Jnit O&M Cost	-2 9 Cost and NABINA RR-25 2.0 H 10,351 17.0	% d Benefit St AGAR (m <u>O&M Cost</u> 10.00 %	ream No. 34.0	27
	Jpazila Janie of Road ength of Road Cost Jnit O&M Cost Benefit T	-2 9 Cost and RR-25 2.0 F 10,351 17.0 11.0	% d Benefit St AGAR (m <u>O&M Cost</u> 10.00 %	ream No.	27
	Jpazila Vance of Road Length of Road Cost Jnit O&M Cost Venefit T A	-2 5 Cost and NABIN/ RR-25 2.0 F 10,351 17.0 11.0 620.0 Cost	% d Benefit St AGAR (m 	ream No. 34.0 (Unit : 1,0	<u>27</u> 00 Taka)
	Jpazila Janie of Road ength of Road Cost Jnit O&M Cost Benefit T	-2 5 Cost and NABIN/ RR-25 2.0 F 10,351 17.0 11.0 620.0 Cost	% d Benefit St AGAR (m <u>O&M Cost</u> 10.00 %	ream No. 34.0	<u>27</u> 00 Taka)
t I E Year	Jpazila Vance of Road cength of Road Cost Jnit O&M Cost tenefit T A Construction	-2 5 Cost and NABINA RR-25 2.0 F 10,351 17.0 11.0 620.0 Cost Cost Cost 0	% d Benefit St AGAR (m 0&M Cost 10.00 % Total 10,351	ream No. 34.0 (Unit : 1,0 Benefit 0,0	27 00 Taka) Net Benefi -10,35
t I C I E Year 1 2	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABINA RR-25 2.0 H 10,351 17.0 11.0 620.0 Cost Cost Cost 0 34	2 3 Benefit St AGAR Com 0&M Cost 10.00 % Total 10,351 34	ream <u>No.</u> 34.0 (Unit : 1,0 Benefit 0,0 631.0	27 00 Taka) Net Beneff -10,35 59
1 2 3	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABIN/ RR-25 2.0 H 10,351 17.0 11.0 620.0 Cost Cost Cost 0 34 34	% d Benefit St AGAR Common State 0.00 % Total 10,351 34 34	ream No. 34.0 (Unit : 1,0 Benefit 0,0 631.0 693.0	27 00 Taka) Net Benefi -10,35 59 65
1 2 3 4	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABINA RR-25 2.0 H 10,351 17.0 11.0 620.0 Cost Cost 0 34 34 34	% d Benefit St AGAR 0&M Cost 10.00 % Total 10,351 34 34	ream No. 34.0 (Unit : 1,0 Benefit 0,0 631.0 631.0 639.0 761.2	27 00 Taka) Net Benefi -10,35 59 65 72
1 2 3 4	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABINA RR-25 2.0 H 10,351 17.0 11.0 620.0 Cost Cost 0 34 34 34 34 34	2 d Benefit St AGAR Cm O&M Cost 10.00 % Total 10,351 34 34 34 34	ream No. 34.0 (Unit : 1,0 Benefit 0.0 631.0 693.0 761.2 836.2	27 00 Taka) Net Benefi -10,35 59 65 72 80
1 2 3 4 5 6	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABINA RR-25 20 F 10,351 17.0 11.0 620.0 Cost Cost 0 34 34 34 34 34 34	2 d Benefit St AGAR Cm O&M Cost 10.00 % Total 10,351 34 34 34 34 34 34	ream No. 34.0 (Unit : 1,0 Benefit 0.0 631.0 693.0 761.2 836.2 836.2 918.7	27 00 Taka) Net Benefi -10,35 59 65 72 80 88
Ycar 1 2 3 4 5 6 7	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABIN/ RR-25 2.0 H 10,351 17.0 11.0 620.0 Cost Cost Cost 0 34 34 34 34 34 34 34	2 3 Benefit St AGAR Com 0.00 % 10.00 % Total 10,351 34 34 34 34 34 34 34 34 34	ream No. 34.0 (Unit : 1,0 Benefit 0.0 631.0 633.0 761.2 836.2 918.7 1,009.5	27 00 Taka) Net Benefi -10,35 59 65 72 80 88 87
1 2 3 4 5 6 7 8	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABINA RR-25 20 F 10,351 17.0 11.0 620.0 Cost Cost 0 34 34 34 34 34 34	2 d Benefit St AGAR Cm O&M Cost 10.00 % Total 10,351 34 34 34 34 34 34	ream No. 34.0 (Unit : 1,0 Benefit 0.0 631.0 693.0 761.2 836.2 836.2 918.7	27 00 Taka) Net Benefi -10,35 59 65 72 80 88 89 7 1,07
Ycar 1 2 3 4 5 6 7	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABIN/ RR-25 2.0 H 10,351 17.0 11.0 620.0 Cost Cost Cost 0 34 34 34 34 34 34 34	% d Benefit St AGAR Common Cost 10.00 % Total 10,351 34	ream No. 34.0 (Unit : 1,0 Benefit 0.0 631.0 633.0 761.2 836.2 918.7 1,009.5 1,109.4	27 00 Tska) Net Benefi -10,35 59 65 72 80 88 97 71,07 1,18
1 2 3 4 5 6 7 8 9	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABINA RR-25 2.0 H 10,351 17.0 11.0 620.0 Cost Cost 0 34 34 34 34 34 34 34 34 34	% d Benefit St AGAR O&M Cost 10.00 % Total 10,351 34	ream No. 34.0 (Unit : 1,0 Benefit 0.0 693.0 761.2 836.2 918.7 1,009.5 1,109.4	27 00 Taka) Net Benefi -10,35 59 65 72 80 88 97 7, 1,07 1,18 1,30
Year 1 2 3 4 5 6 7 8 9 9 10 11 12	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABIN/ RR-25 2.0 H 10,351 17.0 11.0 620.0 Cost Cost Cost 0 34 34 34 34 34 34 34 34 34 34	% d Benefit St AGAR Common State 10.00 % Total 10,351 34	ream No. 34.0 (Unit : 1,0 Benefit 0.0 633.0 633.0 633.0 761.2 836.2 918.7 1,09.5 1,109.4 1,219.2 1,340.0	27 00 Taka) Net Benefi -10,35 59 65 72 80 88 97 1,07 1,18 1,30 0,1,43 1,58
Year 1 2 3 4 5 6 7 8 9 10 11 12 13	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABIN/ RR-25 2.0 F 10,351 17.0 11.0 620.0 Cost Cost Cost 0 34 34 34 34 34 34 34 34 34 34	% d Benefit St AGAR Common State 10.00 % Total 10,351 34	ream No. 34.0 (Unit : 1,C Benefit 0.0 631.0 633.0 761.2 836.2 918.7 1,009.5 1,109.4 1,219.2 1,340.0 1,472.9 1,619.1 1,619.1 1,779.9	27 00 Teka) Net Beneff -10,35 59 65 72 80 88 88 87 1,07 1,18 1,30 1,43 1,58 1,74
Year 1 2 3 4 5 6 7 7 8 9 10 11 11 12 13 14	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and RR-25 2.0 H 10,351 17.0 11.0 620.0 Cost Cost 0 34 34 34 34 34 34 34 34 34 34	% 1 Benefit St AGAR Cm 0&M Cost 10.00 % Total 10,351 34	ream No. 34.0 (Unit : 1,C Benefit 0.0 631.0 693.0 761.2 836.2 918.7 1,09.5 1,109.4 1,219.2 1,340.0 1,472.9 1,519.1 1,779.9 1,956.8	27 00 Taka) Net Benefi -10,35 59 65 72 80 88 97 7, 1,07 1,18 1,30 1,43 1,58 1,74 1,92
Year 1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABINA RR-25 2.0 F 10,351 17.0 11.0 620.0 Cost Cost 0 34 34 34 34 34 34 34 34 34 34	% I Benefit St AGAR (m) O&M Cost 10.00 % Total 10,351 34	ream No. 34.0 (Unit : 1,0 Benefit 0.0 631.0 693.0 761.2 836.2 918.7 1,009.5 1,109.4 1,219.2 1,340.0 1,472.9 1,340.0 1,472.9 1,340.0 1,472.9 1,556.8 2,151.4	27 00 Taka) Net Benefi -10,35 59 65 72 80 88 97 1,07 1,07 1,18 1,30 1,43 1,58 1,74 1,92 2,11
Ycar 1 2 3 4 5 6 7 8 9 9 10 11 11 2 13 14 15 16	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABIN/ RR-25 2.0 H 10,351 17.0 11.0 620.0 Cost Cost Cost 0 34 34 34 34 34 34 34 34 34 34	% d Benefit St AGAR O&M Cost 10.00 % Total 10,351 34	ream No. 34.0 (Unit : 1,0 Benefit 0.0 631.0 631.0 633.0 761.2 836.2 918.7 1,009.5 1,109.4 1,219.2 1,340.0 1,472.9 1,619.1 1,779.9 1,619.1 1,779.9	27 00 Taka) Net Benefi -10,35 59 65 72 80 88 97 1,07 1,18 1,30 1,43 1,58 1,74 1,92 2,11 2,31
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABIN/ RR-25 2.0 H 10,351 17.0 11.0 620.0 Cost Cost Cost 0 34 34 34 34 34 34 34 34 34 34	% d Benefit St AGAR Common State 10.00 % Total 10,351 34	ream No. 34.0 (Unit : 1,0 Benefit 0.0 631.0 631.0 633.0 761.2 836.2 918.7 1,009.4 1,219.2 1,340.0 1,472.9 1,619.1 1,779.9 1,619.1 1,779.9 1,515.4 2,365.4 2,360.9	27 00 Taka) Net Beneff -10,35 59 65 72 80 88 87 1,07 1,18 1,30 1,43 1,58 1,74 1,92 2,11 1 2,33 2,56
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABINA RR-25 2.0 F 10,351 17.0 11.0 620.0 Cost Cost 0 34 34 34 34 34 34 34 34 34 34	% 1 Benefit St AGAR 0&M Cost 10.00 % Total 10,351 34 <td>ream No. 34.0 (Unit : 1,0 Benefit 0.0 633.0 633.0 761.2 836.2 918.7 1,009.5 1,109.4 1,219.2 1,340.0 1,472.9 1,619.1 1,779.9 1,619.1 1,779.9 1,615.4 2,365.4 2,365.4 2,365.4 2,365.4</td> <td>27 00 Tska) Net Benefi -10,35 59 65 72 80 88 88 97 1,07 1,18 1,30 1,43 1,58 1,74 1,92 2,11 2,31 2,56 2,82</td>	ream No. 34.0 (Unit : 1,0 Benefit 0.0 633.0 633.0 761.2 836.2 918.7 1,009.5 1,109.4 1,219.2 1,340.0 1,472.9 1,619.1 1,779.9 1,619.1 1,779.9 1,615.4 2,365.4 2,365.4 2,365.4 2,365.4	27 00 Tska) Net Benefi -10,35 59 65 72 80 88 88 97 1,07 1,18 1,30 1,43 1,58 1,74 1,92 2,11 2,31 2,56 2,82
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and RR-25 2.0 F 10,351 17.0 11.0 620.0 Cost Cost 0 34 34 34 34 34 34 34 34 34 34	% I Benefit St AGAR Cm O&M Cost 10.00 % Total 10,351 34	ream No. 34.0 (Unit : 1,0 Benefit 0.0 631.0 693.0 761.2 836.2 918.7 1,09.5 1,109.4 1,219.2 1,340.0 1,472.9 1,619.1 1,779.9 1,956.8 2,151.4 2,365.4 3,365.4 3,3	27 00 Teka) Net Benefit -10,35 59 65 72 80 88 97 77 1,07 1,18 1,30 1,43 1,58 1,74 1,92 2,11 2,33 2,56 6 2,82 3,11
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Jpazila Janie of Road Length of Road Lost Jnit O&M Cost Benefit T A Construction Cost	-2 5 Cost and NABINA RR-25 2.0 F 10,351 17.0 11.0 620.0 Cost Cost 0 34 34 34 34 34 34 34 34 34 34	% d Benefit St AGAR Common State 10.00 % Total 10,351 34 3	ream No. 34.0 (Unit : 1,0 Benefit 0.0 633.0 633.0 761.2 836.2 918.7 1,009.5 1,109.4 1,219.2 1,340.0 1,472.9 1,619.1 1,779.9 1,619.1 1,779.9 1,615.4 2,365.4 2,365.4 2,365.4 2,365.4	27

		C	ost and	Benefit Su	eau	
ı	Upazila	N	ABINA	GAR	No. 3	:6
1	Name of Ro	ad R	R-24			
	ength of F		4.5 K	i.		
	*					
-	Cost		6,742			
. 1	Unit O&M	Cost	17.0	O&M Cost	76.5	
1	Benefit	T	32.0			
		A I	546.0	10.00 %		
	·				(Unit : 1,000) Taka)
	· · · · · ·		Cost			
Year	Construc			Total	Benefit	Net Benefit
	Cost	Co	ost			÷
- 1	26,74	5	0	26,742	0.0	-26,742
2	40,1		11	20,112	1.578.0	1,502
3			11	77	1,732.6	1,650
4			17	77	1,902.7	1,826
5			77	77	2,089.7	2,013
6			77	77	2,295.5	2,219
. 7			77	77	2,521.8	2,44
8			. 77	77	2,770.8	2,69
9			77	77	3,011.7	2,968
- 10			77	77	3,346.0	3,269
11			77	77	3,677.4	3,60
12		-	77	77	4,041.9 4,442.9	3,965
13 14			11 77	77 77	4,442.9 4,884.0	4,360 4,808
14			17	11	5,369.2	5,293
15			17	17	5,902.9	5,826
17			11	17	6,490.0	6,414
18			77	11	7,135.8	7,059
19			. 77	17	7,846.2	7,770
20			77	- 77	8,627.6	8,551
	IRR	=	9 %			

	-	C	Cost and	Benefit Su	ream	
	Upazila Name of Ro Length of R	ed R	IABINA R-26 5.5 Ki		No. 3	28
	Cost		25,233			
	Unit O&M			O&M Cost	93.5	
	Benefit	T	80.0			
	Benetit	- <u>1</u>	300.0	10.00 %		
		~	500.0	10.00 %	(Unit : 1,00)) Taka)
					1001.100	
v	Сопытис	lon C	Cost	Total	Benefit	Net Benefit
r car	Construc		ost	Totat	Depeilt	NCI DENCIN
- 1	25,23	3	0	25,233	0.0	-25,233
2			94	94	580.0	487
2 3			94	94	630.0	537
. 4			94	94	685.0	592
5			. 94	94	745.5	652
6			94	94	812.1	719
7			94	94	885.3	. 792
. 8			94	94	965.8	872
· · · 3·9			94	94	1,054.4	961
10			94	94	1,151.8	1,058
: 11			94	94	1,259.0	1,165
12			. 94	94	1,376.9	1,283
-13			94	94	1,506.6	1,413
14			94	94	1,649.2	1,556
15			94	94	1,806.1	1,713
16			94	94	1,978.7	1,885
17			94	94	2,168.6	2,075
18			94	94	2,377.5	2,284
19			94	94	2,607.2	2,514
20			94	94	2,860.0	2,766
	IRR	 =	0%			· · · · · · · · · · · · · · · · · · ·

66 66 61 66 66 66 66 66 66 66 66 66 66 6	
Name of Road RR-28 Length of Road 3.3 Cost 19,333 Unit O&M Cost 17.4 Benefit T 54.6 Cost Cost 66 Cost Cost 66 19,338 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 66 <t< th=""><th></th></t<>	
Length of Road 3.3 Cost 19.333 Unit O&M Cost 17.4 Benefit T 54.0 A 2.395.1 Cost Cost Cost Cost Cost Cost Cost Cost 19.338 66 66 66	
Cost 19,333 Unit O&M Cost 17.4 Benefit T 54.4 A 2,395.1 Cost Cost Cost Cost Cost Cost 19,338 66 66 66 67 66 68 66 66 66 66	
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Benefit T 54.0 A 2.395.0 Cost Construction O&M Cost Cost 19,338 0 60 66 66 66 66 66 66 66 66 66 66 66 66	
A 2.395.1 Cost Cost Cost Cost 19,338 19,338 19,338 10,66 66 66 66 66 66 66 66 66 66	
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Construction O&M Cost Cost 19,338 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
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61 61 64 64 64 1RR ≈ 22	000000000000000000000000000000000000000
66 64 64 IRR ≈ 24	000000000000000000000000000000000000000
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IRR≈ 2	0.5
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Upazila NABI Name of Road RR-30	
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Unit O&M Cost 17.0	· '
Benefit T 8.	
A 247	
Cost	
Construction O&M Cost Cost	
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5 5 5	1
5 5 5 5 5	
5 5 5 5 5 5 5	1
5 5 5 5 5 5	1
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1
78901	3 5 4 5 5 5 6 5 7 5 8 5 9 5 0 5 1 5 2 5 3 5 4 5

Table G.1.13 Calculation Table for IRR (Nabinagar Upazila) (8/12)

		Name of Road			- L -	
		Length of Road	3.5 1	S.		
		Cost	19,338	e de la set	•	
		Unit O&M Cos	1 17.0	O&M Cost	59.5	
		Benefit T		•		
		A		10.00 %	,	
		<u> </u>			(Unit : 1,00	0 Taka)
			Cost			
ų	(eac	Construction		Total	Benefit	Net Benefit
-	, end	Cost	Cost		· · · · · ·	
·	1	19,338	.0	19,338	0.0	-19,338
	2		. 60.	60	2,449.0 2,688.5	2,390 2,629
	3		60 60	60 60	2,952.0	2,892
	4		60	60	3,241.7	3,182
	6		60	60	3,560.5	3,501
	ž		60	60	3,911.2	3,852
	- 8		60	. 60	4,296.9	4,237
, i	- 9	and the second	60	60	4,721.2	4,662
	10	E.	60	60	5,187.9	5,128
	-11		60	60	5,701.3	5,642
	12		60	60	6,266.0	6,207
	13		60 60	60 60	6,887.2 7,570.5	6,828 7,511
	14 15		60	60	8,322.2	8,263
	16		60	60	9,149.0	9,090
÷.	17		60	60	10,058.5	9,999
÷	18		60	60	11,059.0	10,999
	19		60	60	12,159.5	12,100
	20		60	60	13,370.0	13,311
		IRR =	20 9	7		
						ابا
						l
				d Benefit St	ream	
			Cost and	d Benefit St		23
		Upazila	Cost and	d Benefit St	ream No.	32
-		Upazila Name of Road	Cost and NABINA RR-30	d Benefit St AGAR		32
		Upazila Neme of Roed Length of Road	Cost and NABINA RR-30 3.0 I	d Benefit St AGAR		32
		Upazila Name of Road	Cost and NABINA RR-30	d Benefit St AGAR		32
		Upazila Neme of Roed Length of Road	Cost and NABIN/ RR-30 3.0 I 17,864	d Benefit St AGAR		32
· · · · · · · · · · · · · · · · · · ·		Upazila Name of Road Length of Road Cost Unit O&M Cos	Cost and NABINA RR-30 3.0 I 17,864 t 17,0	d Benefit Sti AGAR Km	No.	32
		Upazila Name of Road Length of Road Cost	Cost and NABINA RR-30 3.0 I 17,864 t 17.0 8.0	d Benefit Sti AGAR Km	No. 51.0	
		Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0	d Benefit Sta AGAR Km O&M Cost	No. 51.0	
		Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0	d Benefit Sta AGAR Km O&M Cost	No. 51.0	
	(ear	Upazila Neme of Roed Length of Road Cost Unit O&M Cos Benefit T A	Cost and NABINA RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost	d Benefit Sta AGAR Km O&M Cost	No. 51.0	
		Upazila Neme of Roed Length of Road Cost Unit O&M Cos Benefit T A	Cost and NABINA RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost	d Benefit Sta AGAR Km <u>O&M Cost</u> 10.00 %	No. 51.0 (Unit : 1,00	10 Teka)
		Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Construction	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost	d Benefit Sta AGAR 0&M Cost 10.00 % Total	No. 51.0 (Unit : 1,00 Benefit	10 Teka) Net Benefit
	1	Upazila Neme of Roed Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17,0 8.0 247,0 Cost Cost Cost Cost O&M Cost	d Benefit Sta AGAR 0&M Cost 10.00 % Total 17,864	<u>No.</u> 51.0 (Unit : 1,00 Benefit 0.0	10 Teka) Net Benefit -17,864
	1 2	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cont 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost O&M Cost	d Benefit Str AGAR <u>O&M Cost</u> 10.00 % Total 17,864 51	No. 51.0 (Unit : 1,00 Benefit 0,0 255.0	10 Teka) Net Benefit
	I 2 3	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit Str AGAR (m 0&M Cost 10.00 % Total 17,864 51	<u>No.</u> 51.0 (Unit : 1,00 Benefit 0.0	10 Teka) Net Benefit -17,864 204
	1 2 3 4	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cont 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost S1 51	d Benefit Sta AGAR 0&M Cost 10.00 % Total 17,864 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0.0 255.0 279.7	0 Teka) Net Benefit -17,864 204 229
	1 2 3 4	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cont 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost S1 51 51	d Benefit Str AGAR (m 0&M Cost 10.00 % Total 17,864 51	No. 51.0 (Unit : 1,00 Benefit 0.0 255.0 279.7 306.9	0 Teka) Net Benefit -17,864 204 229 256 286 319
	I 2 3	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cont 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 0 8.0 247.0 Cost Cost Cost Cost Cost S1 51 51 51 51	d Benefit Str AGAR (m. 10.00 % Total 17,864 51 51 51 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0,0 255.0 279.7 306.9 336.8 369.6 405.8	0 Teka) Net Benefit -17,864 204 229 256 286 319 355
	1 2 3 4 5 6 7 8	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit Str AGAR 0&M Cost 10.00 % Total 17,864 51 51 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0.0 255.0 279.7 306.9 336.8 369.6 405.8 445.6	0 Teka) Net Benefit -17,864 204 229 256 286 319 355 395
	1 2 3 4 5 6 7 8 9	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost S1 51 51 51 51 51 51	d Benefit Str AGAR (0&M Cost) 10.00 % Total 17,864 51 51 51 51 51 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0.0 255.0 279.7 306.9 336.8 369.6 405.8 445.6 489.3	20 Taka) Net Benefit -17,864 204 229 256 286 319 355 395 438
	1 2 3 4 5 6 7 8 9 10	Upazila Neme of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cont 17,864	Cost and RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost S1 51 51 51 51 51 51 51	d Benefit Str AGAR 0&M Cost 10.00 % Total 17,864 51 51 51 51 51 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0.0 255.0 279.7 306.9 336.8 369.6 405.8 445.6 489.3 537.5	0 Teka) Net Benefit -17,864 204 229 256 286 319 355 395 438 438
	1 2 3 4 5 6 7 8 9 10 11	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cont 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost S1 51 51 51 51 51 51 51	d Benefit Str AGAR 0&M Cost 10.00 % Total 17,864 51 51 51 51 51 51 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0,0 255.0 279.7 306.9 336.8 369.6 405.8 445.6 489.3 537.5 590.4	0 Teka) Net Benefit -17,864 204 229 256 286 319 355 395 438 486 539
	1 2 3 4 5 6 7 8 9 10 11 12	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost S1 51 51 51 51 51 51 51 51 51 51 51 51 51	d Benefit Str AGAR (m 10.00 % Total 17,864 51 51 51 51 51 51 51 51 51 51 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0,0 255.0 279.7 306.9 336.8 369.6 405.8 445.6 489.3 537.5 590.4 648.7	0 Teka) Net Benefit -17,864 204 229 256 286 319 355 395 438 486 539 598
	I 2 3 4 5 6 7 8 9 10 11 12 13	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit Str AGAR 0&M Cost 10.00 % Total 17,864 51 51 51 51 51 51 51 51 51 51 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0.0 255.0 279.7 306.9 336.8 369.6 405.8 445.6 489.3 537.5 590.4 648.7 712.7	20 Taka) Net Benefit -17,864 204 229 256 286 319 355 395 438 486 539 598 662
	1 2 3 4 5 6 7 8 9 10 11 12 13 14	Upazila Neme of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cont 17,864	Cost and RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost S1 51 51 51 51 51 51 51 51 51 51 51 51 51	d Benefit Sta AGAR 0&M Cost 10.00 % 10.00 % 10.00 % 10.00 % 10.00 % 10.00 % 10.00 %	No. 51.0 (Unit : 1,00 Benefit 0,0 255.0 279.7 306.9 336.8 369.6 405.8 445.6 489.3 537.5 590.4 648.7	0 Teka) Net Benefit -17,864 204 229 256 286 319 355 395 438 486 539 598
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cont 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit Str AGAR 0&M Cost 10.00 % Total 17,864 51 51 51 51 51 51 51 51 51 51 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0.0 255.0 279.7 306.9 336.8 369.6 405.8 445.6 489.3 537.5 590.4 648.7 712.7 783.2	00 Teka) Net Benefit -17,864 204 229 256 286 319 355 395 438 438 486 539 598 662 732
	1 2 3 4 5 6 7 8 9 10 11 12 13 14	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cont 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost S1 51 51 51 51 51 51 51 51 51 51 51 51 51	d Benefit Str AGAR (m 10.00 % Total 17,864 51 51 51 51 51 51 51 51 51 51 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0,0 255.0 279.7 306.9 336.8 369.6 405.8 445.6 489.3 537.5 590.4 648.7 712.7 783.2 860.7 946.0 1,039.8	0 Teka) Net Benefit -17,864 204 229 256 286 319 355 395 438 486 539 598 662 732 810 895 989
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T Construction Cost 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit Str AGAR 0&M Cost 10.00 % 10.00 % 10	No. 51.0 (Unit : 1,00 Benefit 0.0 255.0 279.7 306.9 336.8 369.6 405.8 445.6 489.3 537.5 590.4 445.6 489.3 537.5 590.4 445.6 489.3 537.5 590.4 445.6 489.3 537.5 590.4 445.6 489.3 537.5 590.4 41.2 7 783.2 860.7 946.0 9,143.0	20 Teka) Net Benefit -17,864 204 229 256 286 319 355 395 438 438 438 539 598 662 732 810 895 989 1,092
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cont 17,864	Cost and RR-30 3.0 1 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit Str AGAR 0&M Cost 10.00 % 70tal 17,864 51 51 51 51 51 51 51 51 51 51 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0.0 255.0 279.7 306.9 336.8 369.6 405.8 445.6 489.3 537.5 590.4 648.7 712.7 783.2 860.7 946.0 1,039.8 1,143.0 1,256.5	00 Taka) Net Benefit -17,864 204 229 256 286 319 355 395 438 486 539 598 662 732 810 895 989 1,092 1,205
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cont 17,864	Cost and NABIN/ RR-30 3.0 I 17,864 t 17.0 8.0 247.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit Str AGAR 0&M Cost 10.00 % 70tal 17,864 51 51 51 51 51 51 51 51 51 51 51 51 51	No. 51.0 (Unit : 1,00 Benefit 0.0 255.0 279.7 306.9 336.8 369.6 405.8 445.6 489.3 537.5 590.4 445.6 489.3 537.5 590.4 445.6 489.3 537.5 590.4 445.6 489.3 537.5 590.4 445.6 489.3 537.5 590.4 41.2 7 783.2 860.7 946.0 9,143.0	20 Teka) Net Benefit -17,864 204 229 256 286 319 355 395 438 438 438 539 598 662 732 810 895 989 1,092

Cost and Benefit Stream

30

No.

NABINAGAR

G - 103

-4 %

Table G.1.13 Calculation Table for IRR(Nabinagar Upazila) (9/12)

		Costan	d Benefit S	u caut					COLUM	d Benefit Str		
	Upazila	NABIN	AGAR	No.	33		I	Upazila	NABINA	AGAR	No.	34
	Name of Road							Name of Road	RR-32	-		
			K					Length of Road	5.0 E	(m		
	Leagth of Road	2.5 1	Km					Lengar of Rosa	J.U E	14	· · ·	
•	Cost	16,391					<u>_</u>	Cost	28,324			
	Unit O&M Cost	17.0	O&M Cost	42.5			1	Jnit O&M Cost	17.0	O&M Cost	85.0	
	Benetît T	and the second se					Ĩ	Benefit T	92.0	1		
	A	the second se	10.00 %				. ~	Ā	1,438.0	10.00 %		
	a da lat		·	(Unit : 1.00	0 Taka)						(Unit : 1,00	0 Taka)
		Cost			:				Cost			
Year	Construction	1 O&M	Total	Benefit	Net Benefit	Y	ear	Construction		Total	Benefit	Net Ben
	Cost	Cost	· .					Cost	Cost			
<u> </u>			16 201		17 201			28,324	0	28,324	0.0	-28,
1		0 43	16,391 43	0.0 201.0	-16,391 1 5 9		12	20,324	85	85	1,530.0	1,
. 2		43	43	220.0	178		3		85	85	1 673.8	1,
ر ۵		43	43	240.9	198		-4		85	85	1.832.0	1,
5		43	43	263.9	221		5		85	85	2,006.0	ι,
6		43	43	289.2	247		6		85	85	2,197.4	2,
ĩ		43	43	317.0	274		7		85	85	2,407.9	2,
8		43	43	347.6	305		8		85	85	2,639.5	2,
. 9		43	43	381.3	339		9		85	85	2,894.3	2,
10	e de la companya de l	. 43	.43	418.3	376		10		85	85	3,174.5	3,
- 11		43	43	459.0	417		11		85	85	3,482.7	3,
12		43	43	503.8	461		12		85	85	3,821.8	3,
13		43	43	553.1	511		13		85	85	4,194.8	4,
14		43	43	607.3	565		14		85	85	4,605.1 5,056.4	4, 4,
15		43	43	666.9	624 690	 .	15 16		85 85	85 85	5,552.8	4, 5,
16		43	43	732.5 804.7	690 762		17		85	85	6,098.9	6,
17		43 43	43 43	884.0	842		18		85	85	6,699.6	6,
18		43	43	971.3	929		19		85	85	7,360.3	7,
20		43	43	1,067.4	1,025		20		85	85	8,087.2	8,
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	IRR ==	INUM!	26	and the second				IRR⇒	8 9	/o		·····
	······································									-		
		Cest and	d Benefit S	tream				· · · · · · · · · · · · · · · · · · ·	Cost an	d Benefit Str	eam	<u>-</u>
	*****		d Benefit S		35							36
	Upazila	NABIN			35			Upazila	NABIN			<u>36</u>
	Name of Road	NABINA RR-33	AGAR		35		1	Upazila Name of Road	NABINA RR-34	AGAR		36
	Name of Road Length of Road	NABINA RR-33 5.0 I	AGAR		<u>35</u>		1	Upazila Name of Road Length of Road	NABINA RR-34 6.0 I	AGAR		36
	Name of Road	NABINA RR-33 5.0 I 23,759	AGAR		35			Upazila Name of Road Length of Road Cost	NABINA RR-34 6.0 I 24,479	AGAR	No	36
	Name of Road Length of Road	NABINA RR-33 5.0 I 23,759	AGAR		35			Upazila Name of Road Length of Road	NABINA RR-34 6.0 I 24,479	AGAR		<u>36</u>
	Name of Road Length of Road Cost Unit O&M Cost	NABINA RR-33 5.0 F 23,759 17.0	AGAR Km	No.	35_			Upazila Name of Road Length of Road Cost	NABINA RR-34 6.0 I 24,479	AGAR	No	<u>36</u>
	Name of Road Length of Road Cost	NABINA RR-33 5.0 I 23,759 17.0 33.0	AGAR Km O&M Cost	No.	35			Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	NABINA RR-34 6.0 I 24,479 17.0	AGAR (m <u>O&amp;M Cost</u> 10.00 %	No	
	Name of Road Length of Road Cost Unit O&M Cost Benefit T	NABINA RR-33 5.0 I 23,759 1 17.0 33.0	AGAR Km	No.				Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	NABIN/ RR-34 6.0 I 24,479 17.0 134.0	AGAR (m <u>O&amp;M Cost</u> 10.00 %	No. 102.0	
	Name of Road Length of Road Cost Unit O&M Cost Benefit T	NABINA RR-33 5.0 I 23,759 17.0 33.0	AGAR Km <u>0&amp;M Cost</u> 10.00 %	No. 85.0 (Unit : 1,00				Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A	NABINA RR-34 6.0 H 24,479 17.0 134.0 1,232.0 Cost	AGAR (m <u>O&amp;M Cost</u> <u>10.00 %</u>	No. 102.0 (Unit : 1,00	0 Taka)
Year	Name of Road Length of Road Cost Unit O&M Cost Benefit T A	NABINA RR-33 5.0 f 23,759 17.0 33.0 374.0 Cost	AGAR Km O&M Cost	No. 85.0		Y		Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	NABINA RR-34 6.0 H 24,479 17.0 134.0 1,232.0 Cost O&M	AGAR (m <u>O&amp;M Cost</u> 10.00 %	No	0 Taka)
Year	Name of Road Length of Road Cost Unit O&M Cost Benefit T <u>A</u>	NABINA RR-33 5.0 f 23,759 17.0 33.0 374.0 Cost	AGAR Km <u>0&amp;M Cost</u> 10.00 %	No. 85.0 (Unit : 1,00	XO Taka)	Y		Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	NABINA RR-34 6.0 H 24,479 17.0 134.0 1,232.0 Cost	AGAR (m <u>O&amp;M Cost</u> <u>10.00 %</u>	No. 102.0 (Unit : 1,00	0 Taka)
Year	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABINA RR-33 5.0 f 23,759 17.0 33.0 374.0 Cost 1 0&M	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759	No. 85.0 (Unit : 1,00	XO Taka)	Y	car	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	NABIN/ RR-34 6.0 H 24,479 17.0 134.0 1,232.0 Cost Cost Cost 0	AGAR <u>O&amp;M Cost</u> 10.00 % Total 24,479	No. 102.0 (Unit : 1,00 Benefit 0.0	0 Taka) Net Ber -24,
1	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABINA RR-33 5.0 f 23,759 17.0 33.0 374.0 Cost Cost	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759 85	No. 85,0 (Unit : 1,0) Benefit	20 Taka) Net Benefit -23,759 322	Y	1 1 1 2	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 I 24,479 17.0 134.0 1,232.0 Cost Cost Cost Cost O&M Cost 0 102	AGAR <u>O&amp;M Cost</u> 10.00 % Total 24,479 102	No. 102.0 (Uait : 1,00 Benefit 0,0 1,366.0	0 Taka) Net Ber -24,
1	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 H 23,759 17.0 33.0 374.0 Cost Cost Cost 0 & M	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759	<u>No.</u> 85.0 (Unit : 1,00 Benefit 0.0	00 Taka) Net Benefit -23,759	Y	1 1 2 3	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 H 24,479 17.0 134.0 1,232.0 Cost Cost Cost 0 Execution Cost 0 102 102	AGAR <u>O&amp;M Cost</u> 10.00 % Total 24,479 102 102	No. 102.0 (Unit : 1,00 Benefit 0.0 1,366.0 1,489.2	0 Taka) Net Ben -24, 1,
1	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 f 23,759 t 17.0 33.0 374.0 Cost Cost Cost Cost 0 85 85 85	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759 85 85 85	No. 85.0 (Unit : 1,00 Benefit 0.0 407.0 444.4 485.5	20 Taka) Net Benefit -23,759 322 359 401	Y	1 1 1 1 1 1 1 1 2 3 4	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 I 24,479 17.0 134.0 1,232.0 Cost Cost Cost Cost 0 102 102	AGAR <u>O&amp;M Cost</u> 10.00 % <u>Total</u> 24,479 102 102 102	No. 102.0 (Unit : 1,00 Benefit 0.0 1,366.0 1,489.2 1,624.7	0 Taka) Net Ber -24, 1, 1,
1 2 3 4 5	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 f 23,759 17.0 33.0 374.0 Cost Cost Cost Cost 0 85 85 85 85	AGAR <u>O&amp;M Cost</u> <u>10.00 %</u> Total 23,759 85 85 85 85	No. 85,0 (Unit : 1,00 Benefit 0.0 407.0 444.4 485.5 530.8	20 Taka) Net Benefit -23,759 322 359 401 446	Y	car 1 2 3 4 5	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 I 24,479 17.0 134.0 1,232.0 Cost Cost Cost 0 202 102 102 102 102	AGAR <u>O&amp;M Cost</u> 10.00 % Total 24,479 102 102 102 102	No. 102.0 (Unit : 1,00 Benefit 0.0 1,366.0 1,365.0 1,489.2 1,624.7 1,773.8	0 Taka) Net Ber -24, 1, 1, 1, 1,
1 2 3 4 5 6	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 f 23,759 17.0 33.0 374.0 Cost Cost Cost Cost 0 85 85 85 85 85 85	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759 85 85 85 85 85 85	No. 85.0 (Unit : 1,00 Benefit 0.0 407.0 444.4 485.5 530.8 580.6	20 Taka) Net Benefit -23,759 322 359 401 446 496	Y	$\frac{1}{1}$	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 F 24,479 17.0 134.0 1,232.0 Cost Cost Cost Cost Cost 0 2 02 102 102 102 102 102	AGAR O&M Cost 10.00 % Total 24,479 102 102 102 102 102 102	No. 102.0 (Unit : 1,00 Benefit 0.0 1,366.0 1,489.2 1,624.7 1,773.8	0 Taka) Net Ber -24, 1, 1, 1, 1,
1 2 3 4 5 6 7	Name of Road Length of Road Cost Unit O&M Cost Benefit T <u>A</u> Construction Cost 23,759	NABIN/ RR-33 5.0 f 23,759 17.0 33.0 33.0 374.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85	No. 85.0 (Unit : 1,00 Benefit 0.0 407.0 444.4 485.5 530.8 580.6 635.3	00 Taka) Net Benefit -23,759 322 359 401 446 496 550	Y	1 1 1 1 1 1 1 2 3 4 5 6 7	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 I 24,479 17.0 134.0 1,232.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR O&M Cost 10.00 % Total 24,479 102 102 102 102 102 102 102 102	No. 102.0 (Uait : 1,00 Benefit 0,0 1,366.0 1,489.2 1,624.7 1,773.8 1,937.8 2,118.1	0 Taka) Net Ber -24, 1, 1, 1, 1, 1, 2,
1 2 3 4 5 6 7 8	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 f 23,759 1.17.0 33.0 374.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85	No. 85.0 (Unit : 1,00 Benefit 0.0 407.0 444.4 485.5 530.8 530.8 530.8 530.6	20 Taka) Net Benefit -23,759 322 359 401 446 496 550 611	Y	1 1 1 1 1 1 1 2 3 4 5 6 7 8	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 I 24,479 17.0 134.0 7,232.0 Cost Cost Cost Cost 0 102 102 102 102 102 102 102 102	AGAR <u>O&amp;M Cost</u> 10.00 % Total 24,479 102 102 102 102 102 102 102 102	No. 102.0 (Unit : 1,00 Benefit 0.0 1,366.0 1,489.2 1,624.7 1,773.8 1,937.8 2,118.1 2,316.6	0 Taka) Net Ber -24, 1, 1, 1, 1, 2, 2,
1 2 3 4 5 6 7 8 9	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 f 23,759 t 17.0 33.0 374.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85	No. 85.0 (Unit : 1,00 Benefit 0.0 407.0 444.4 485.5 530.8 580.6 635.3 695.6 761.8	20 Taka) Net Benefit -23,759 322 359 401 446 496 550 611 677		1 1 2 3 4 5 6 7 8 9	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 I 24,479 17.0 134.0 1,232.0 Cost Cost Cost Cost 0 0 0 2 102 102 102 102 102 102 102 102	AGAR <u>O&amp;M Cost</u> 10.00 % Total 24,479 102 102 102 102 102 102 102 102	No. 102.0 (Unit : 1,00 Benefit 0.0 1,366.0 1,489.2 1,624.7 1,773.8 1,624.7 1,773.8 1,937.8 2,118.1 2,316.6 2,534.8	0 Taka) Net Ben -24, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2,
1 2 3 4 5 6 7 8 9 9	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 f 23,759 17.0 33.0 374.0 Cost Cost Cost Cost 0 85 85 85 85 85 85 85 85 85 85 85	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85	No. 85.0 (Unit : 1,00 Benefii 0.0 407.0 444.4 485.5 530.8 530.8 580.6 635.3 695.6 761.8 834.7	20 Taka) Net Benefit -23,759 322 359 401 446 496 550 611 677 750		1 1 1 2 3 4 5 6 7 8 9 10	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 I 24,479 17.0 134.0 7,232.0 Cost Cost Cost Cost 0 202 102 102 102 102 102 102 102 102 1	AGAR <u>O&amp;M Cost</u> 10.00 % Total 24,479 102 102 102 102 102 102 102 102	No. 102.0 (Unit : 1,00 Benefit 0.0 1,366.0 1,489.2 1,624.7 1,773.8 2,118.1 2,316.6 2,534.8 2,774.9	0 Taka) Net Ben -24, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2,
1 2 3 4 5 6 7 7 8 9 9 10 11	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 H 23,759 17.0 33.0 374.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85	No. 85.0 (Unit : 1,00 Benefit 0.0 407.0 444.4 485.5 530.8 580.6 635.3 695.6 761.8 834.7 914.9	20 Taka) Net Benefit -23,759 322 359 401 446 496 550 611 677 750 830		1 1 2 3 4 5 6 7 8 9 10 11	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 I 24,479 17.0 134.0 1,232.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR O&M Cost 10.00 % Total 24,479 102 102 102 102 102 102 102 102	No. 102.0 (Uait : 1,00 Benefit 0.0 1,366.0 1,489.2 1,624.7 1,773.8 2,118.1 2,316.6 2,534.8 2,774.9 3,039.0	0 Taka) Net Ben -24, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 2, 2,
1 2 3 4 5 6 7 7 8 9 10 11 11 2	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 f 23,759 17.0 33.0 374.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85	No. 85.0 (Unit : 1,00 Benefit 0.0 407.0 444.4 485.5 530.8 580.6 635.3 695.6 761.8 834.7 914.9 1,003.1	20 Taka) Net Benefit -23,759 322 359 401 446 496 550 611 677 750 830 918		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 F 24,479 17.0 134.0 1,232.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR O&M Cost 10.00 % Total 24,479 102 102 102 102 102 102 102 102	No. 102.0 (Uait : 1,00 Benefit 0,0 1,366.0 1,489.2 1,624.7 1,773.8 1,937.8 2,918.1 2,316.6 2,534.8 2,774.9 3,039.0 3,329.5	0 Taka) Net Ber -24, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 3, 3,
1 2 3 4 5 6 7 7 8 9 10 11 12 13	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 I 23,759 1.17.0 33.0 374.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85	No. 85.0 (Unit : 1,00 Benefit 0.0 407.0 444.4 485.5 530.8 530.8 635.3 695.6 761.8 834.7 914.9 1,003.1 1,100.1	20 Taka) Net Benefit -23,759 322 359 401 446 496 550 611 677 750 830 918		car 1 2 3 4 5 6 7 8 9 10 11 12 13	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 I 24,479 17.0 134.0 7,232.0 Cost Cost Cost Cost 102 102 102 102 102 102 102 102 102 102	AGAR <u>O&amp;M Cost</u> 10.00 % Total 24,479 102 102 102 102 102 102 102 102	No. 102.0 (Unit : 1,00 Benefit 0.0 1,366.0 1,489.2 1,624.7 1,773.8 1,937.8 2,118.1 2,316.6 2,534.8 2,774.9 3,039.0 3,329.5 3,649.0	0 Taka) Net Ber -24, 1, 1, 1, 1, 2, 2, 2, 2, 2, 3, 3,
1 2 3 4 5 6 7 8 9 9 10 11 12 13	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 f 23,759 1 17.0 33.0 374.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR <u>O&amp;M Cost</u> 10.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85	No. 85.0 (Unit : 1,00 Benefit 0.0 407.0 444.4 485.5 530.8 580.6 635.3 695.6 635.3 695.6 761.8 834.7 914.9 1,003.1 1,100.1 1,206.8	20 Taka) Net Benefit -23,759 322 359 401 446 496 550 611 677 750 830 918 1,015 1,122		car 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 I 24,479 17.0 134.0 1,232.0 Cost Cost Cost Cost 0 102 102 102 102 102 102 102 102 102 1	AGAR <u>O&amp;M Cost</u> 10.00 % <u>Total</u> 24,479 102 102 102 102 102 102 102 102	No. 102.0 (Uait : 1,00 Benefit 0,0 1,366.0 1,489.2 1,624.7 1,773.8 1,937.8 2,918.1 2,316.6 2,534.8 2,774.9 3,039.0 3,329.5	0 Taka) Net Ber -24, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 3, 3, 3, 3,
1 2 3 4 5 5 6 7 7 8 9 10 11 12 13 14	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 23,759	NABIN/ RR-33 5.0 f 23,759 17.0 33.0 374.0 Cost Cost Cost Cost Cost Cost Cost Cost	AGAR Colored Cost 10.00 % Total 23,759 85 85 85 85 85 85 85 85 85 85	No. 85.0 (Unit : 1,00 Benefii 0.0 407.0 444.4 485.5 530.8 580.6 635.3 695.6 761.8 834.7 914.9 1,003.1 1,100.1 1,206.8 1,324.1	20 Taka) Net Benefit -23,759 322 359 401 446 496 550 611 677 750 830 918 1,015 1,122 1,239		1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	NABIN/ RR-34 6.0 I 24,479 17.0 134.0 7,232.0 Cost Cost Cost Cost 102 102 102 102 102 102 102 102 102 102	AGAR <u>O&amp;M Cost</u> 10.00 % Total 24,479 102 102 102 102 102 102 102 102	No. 102.0 (Uait : 1,00 Benefit 0.0 1,366.0 1,489.2 1,624.7 1,773.8 2,118.1 2,316.6 2,534.8 2,774.9 3,039.0 3,329.5 3,649.0 4,080.5 4,387.2 4,812.5	0 Taka) Net Ber -24, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 4, 4,
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	•	NABIN	AGAR	No.	37		Upaz		Sec. 12	NUNK	110.	
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į ···	Cost	16,391		2010			Cost		37,922	09140	1075	
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19	<b>)</b>		43			- F - F		IRR =	128	128		8,78
19	) 	43	43			- F - F			128	128	8,913.0	8,78
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19 20 Year 1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14 4 5	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 29,044	43 PNUM! 9 Cost and NABINA RR-37 6.0 1 29,044 17.0 47.0 385.0 Cost Cost Cost Cost Cost Cost 0 102 102 102 102 102 102 102	43 4 4 4 4 4 4 4 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 4 4 5 4 4 4 5 4 4 4 5 5 4 4 4 5 5 4 4 5 5 5 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5	599.9 bream No. 102.0 (Unit : 1,00 Benefit 0.0 633.0 691.6 756.1 827.0 990.8 1,085.1 1,188.9 1,303.1 1,428.8 1,566.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,71	55 39 00 Taka) Net Benefi -29,04 53 59 65 72 80 88 1,08 1,20 1,32 1,46 1,61 1,78 1,95	7 7 4 1 0 4 5 3 9 3 7 7 5 7 4 4 8	Upazi Name Lengi <u>Cost</u> <u>Unit</u> <u>Benet</u> Benet 3 4 5 6 7 8 9 0 1 1 2 3 4 4 5 5 6 7 8 9 0	ila of Road h of Road D&M Cost fit T A natruction st	128 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	128 % d Benefit St AGAR Km 0&M Cost 10.00 5 70tal 26,742 77 77 77 77 77 77 77 77 77 77 77 77 77	8,913.0 ream No. 76.5 √ (Unit : 1,0 Benefit 0.0 221.0 241.8 264.7 289.8 317.5 348.0 381.5 5418.3 458.9 503.5 552.5 606.4 665.8 731.1	40 00 Taks) Net Bene -26,74 14 18 22 24 24 34 34 34 35 55 62
19 20 Year 1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 29,044	43 PNUM! 1 Cost and NABINA RR-37 6.0 1 29,044 17.0 47.0 383.0 Cost Cost Cost Cost Cost Cost 02 102 102 102 102 102 102 102	43 43 4 4 4 4 4 4 3 4 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 4 5 4 4 5 4 4 5 4 4 5 5 4 4 5 5 5 4 5 5 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7	599.9 599.9 bream No. 102.0 (Uoit : 1,02 (Uoit : 1,0	55 39 00 Take) Net Benefit -29,04 53 59 65 72 80 88 1,00 1,32 1,46 1,61 1,78 1,96 2,17	7 7 4 4 1 0 4 5 3 7 5 7 4 4 8 8 0	Upazi Name Lengi Cost Unit 0 Benet Benet 1 2 3 4 5 6 7 8 9 9 9 0 1 1 2 3 4 4 5 16	ila of Road h of Road D&M Cost fit T A natruction st	128 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	128 % d Benefit St AGAR Km 0&M Cost 10.00 9 Total 26,742 77 77 77 77 77 77 77 77 77 77 77 77 77	8,913.0 ream No. 76.5 (Unit : 1,0 Benefit 0.0 221.0 241.8 264.7 289.8 317.5 348.0 381.5 418.3 458.9 503.5 552.5 552.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5 505.5	40 00 Taka) Net Bene -26,74 14 14 14 14 14 14 14 14 14 14 14 14 14
19 20 Year 1 2 3 4 4 5 6 6 7 7 8 9 9 10 11 11 2 13 14 15 16 17	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 29,044	43 PNUM! 9 Cost and NABINA RR-37 6.0 1 29,044 17.0 47.0 385.0 Cost Cost Cost Cost Cost Cost 0 102 102 102 102 102 102 102	43 4 4 4 4 4 4 4 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 4 4 5 4 4 4 5 4 4 4 5 5 4 4 4 5 5 4 4 5 5 5 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5	599.9 bream No. 102.0 (Unit : 1,00 Benefit 0.0 633.0 691.6 756.1 827.0 990.8 1,085.1 1,188.9 1,303.1 1,428.8 1,566.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,718.9 1,71	55 39 00 Taka) Net Benefi -29,04 53 59 65 72 80 88 1,08 1,20 1,32 1,46 1,61 1,78 1,95	7 1 1 1 1 1 1 1 7 5 7 4 8 8 0 3 3	Upazi Name Lengi <u>Cost</u> <u>Unit</u> <u>Benet</u> Benet 3 4 5 6 7 8 9 0 1 1 2 3 4 4 5 5 6 7 8 9 0	ila of Road h of Road D&M Cost fit T A natruction st	128 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	128 % d Benefit St AGAR Km O&M Cost 10.00 f Total 26,742 77 77 77 77 77 77 77 77 77 77 77 77 77	8,913.0 rream No. 76.5 (Unit : 1,0 Benefit 0.0 221.0 241.8 264.7 289.8 317.5 348.0 381.5 348.0 381.5 5552.5 5552.5 5552.5 5606.4 665.8 731.1 802.9 881.9 968.8	40 00 Taka) Net Bene -26,74 14 11 12 24 24 24 30 34 34 35 55 55 55 55 55 55 55 55 55
19 20 Year 1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14 4 5 16 17 18 19	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 29,044	43 PNUM! 9 Cost and NABINA RR-37 6.0 1 29,044 17.0 47.0 385.0 Cost Cost Cost Cost O&M Cost 0 102 102 102 102 102 102 102	43 43 4 4 4 4 4 4 4 4 4 4 4 4 4	599.9 102.0 102.0 (Unit : 1,02 Benefit 0.0 633.0 691.6 756.1 827.0 990.8 1,085.1 1,188.9 1,303.1 1,428.8 1,566.9 1,718.9 1,303.1 1,428.8 1,566.9 1,718.9 1,303.1 2,494.9 2,739.7 3,008.9	55 39 20 Take) Net Benefit -29,04 53 59 65 72 80 1,32 1,46 1,61 1,78 1,96 2,17 2,39 2,63 2,90	7 1 4 4 1 0 4 5 7 7 5 7 4 8 7	Upazi Name Lengi Cost Unit ( Benel Benel Co Co Co 1 2 3 4 5 6 6 7 7 8 9 0 1 1 2 3 4 5 6 6 7 7 8 9 0	ila of Road h of Road D&M Cost fit T A natruction st	128 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	128 % d Benefit St AGAR Km O&M Cost 10.00 9 Total 26,742 77 77 77 77 77 77 77 77 77 77 77 77 77	8,913.0 ream No. 76.5 √ (Unit : 1,0 Benefit 0.0 221.0 241.8 264.7 289.8 317.5 348.0 381.5 418.3 458.9 503.5 552.5 606.4 665.8 731.1 802.9 881.9 968.8 1,064.3	40 00 Taka) Net Bene -26,74 14 18 22 22 23 34 34 34 34 34 34 34 34 34 3
19 20 Year 1 2 3 3 4 4 5 6 6 7 8 9 9 10 11 12 13 14 15 16 17 18	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 29,044	43 PNUM! 1 Cost and NABINA RR-37 6.0 1 29,044 17.0 47.0 386.0 Cost 0 0 0 0 0 0 102 102 102 102	43 4 4 4 4 4 4 4 4 4 4 4 3 4 4 3 4 4 3 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4	599.9 599.9 bream No. 102.0 (Unit : 1,00 Bcnefit Bcnefit 0.0 633.0 691.6 756.1 827.0 905.0 691.6 756.1 827.0 905.0 1,085.1 1,188.9 1,303.1 1,188.9 1,303.1 1,188.9 1,303.1 1,188.9 1,303.1 1,188.9 1,303.1 1,88.6 1,718.9 1,886.1 2,070.0 2,272.3 2,494.9 2,739.7	55 39 20 Take) Net Benefit -29,04 53 59 65 72 80 88 98 1,08 1,20 1,32 1,46 1,61 1,78 1,96 2,17 2,39 2,63	7 1 4 4 1 0 4 5 7 7 5 7 4 8 7	Upazi Name Lengi Cost Unit 1 Benel Benel Co Co Co Co 1 2 3 4 5 6 6 7 7 8 9 0 0 1 1 2 3 4 5 6 7 7 8 9 0 0 1 1 2 3 4 5 6 6 7 7 8 9 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ila of Road h of Road D&M Cost fit T A natruction st	128 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	128 % d Benefit St AGAR Km O&M Cost 10.00 f Total 26,742 77 77 77 77 77 77 77 77 77 77 77 77 77	8,913.0 rream No. 76.5 (Unit : 1,0 Benefit 0.0 221.0 241.8 264.7 289.8 317.5 348.0 381.5 348.0 381.5 5552.5 5552.5 5552.5 5606.4 665.8 731.1 802.9 881.9 968.8	40 00 Taka) Net Bene -26,74 14 18 22 22 23 34 34 34 34 34 34 34 34 34 3

## Table G.1.13 Calculation Table for IRR (Nabinagar Upazila) (10/12)

			(114		ir Upazila	~ `	
		Cost an	d Benefit S			ĺ	<u>.</u>
	Upazila	NABIN	AGAR	No.	41	ļ	u
	Name of Road	RR-39					N N
	Length of Road	7.5	Km		· ·		ι υ
	Cost	37,922				ł	c
	Unit O&M Cost		O&M Cost	127.5			
	Benefit T					ł	B
		2,009.0	10.00 %				-
		Cost		(Unit : 1,0	00 Taka)		
Yea	Construction Cost		Total	Benefit	Net Benefit		Year
	37,922	0	37,922	0.0	-37,922		1
2		128		2,173.0	2,046		2
3		128	128 128	2,373.9	2,246 2,467		3
÷		128	128	2,838.0	2,710		5
e		128	128	3,105.4	2,978		6
7		128	128	3,399.5	3,272		7
۶ و		128	128 128	3,723.1 4,079.0	3,596 3,951		8
-10		128	128	4,079.0	4,343		10
- ii		128	128	4,901.1	4,774		. 11
12		128	128	5,374.8	5,247		12
13		128	128	5,895.9	5,768		13
14		128	128 128	6,469.1 7,099.6	6,342 6,972		14 15
16		128		7,793.2	7,666		16
17		128	128	8,556.1	8,429		17
18		128	128	9,395.3	9,268		-18
15		128	128 128	10.318.4 11.333.9	10,191 11,206		20
- 20							
		128	- <u>.</u>				
	irr =	9 Cost and	% d Benefit Si				
	IRR = Upazila Name of Road	9 Cost and NABIN/ RR-41	% d Benefit Si AGAR	iream	43		U
	IRR = Upazila Name of Road Length of Road	9 Cost and NABIN/ RR-41 4.5 1	% d Benefit Si AGAR	iream			U N L
	IRR = Upazila Name of Road Length of Road Cost	9 1 Cost and NABIN/ RR-41 4.5 1 26,742	% d Benefit Sl AGAR Km	tream No.			U N L C
	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost	9 1 Cost and NABIN/ RR-41 4.5 1 26,742 1 17.0	% d Benefit Si AGAR	iream			ע אי ג נ ט
	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	9 1 Cost and RR-41 4.5 1 26,742 17.0 17.0	% d Benefit Si AGAR Km <u>O&amp;M Cost</u>	tream No.			ע א ג ע ע
	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost	9 1 Cost and RR-41 4.5 1 26,742 17.0 17.0	% d Benefit Sl AGAR Km	tream No.	43		ע א ג ע ע
	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A	9 1 Cost and NABIN/ RR-41 4.5 1 26,742 17.9 17.0 649:0 Cost	% d Benefit SI AGAR Km <u>O&amp;M Cost</u> 10.00 %	tream No. 76.5 (Uait : 1,00	<u>43</u> 00 Taka)		U N L C U B B
Year	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	9 1 Cost an NABIN/ RR-41 4.5 1 26,742 17.0 649.0 Cost Cost Cost	% d Benefit SI AGAR Km <u>O&amp;M Cost</u> 10.00 % Total	tream No. 76.5 (Uait : 1,00 Benefit	43 20 Take) Net Benefit		ע אי ג נ ט
Year	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 1 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 649.0 Cost Cost Cost 0	% d Benefit SI AGAR Km <u>0&amp;M Cost</u> 10.00 % Total 26,742	tream No. 76.5 (Uait : 1,00 Benefit 0.0	43 20 Taka) Net Benefit -26,742		U N L <u>C</u> U B Year
Year	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 1 Cost and NABIN/ RR-41 4,5 1 26,742 17.0 17.0 64500 Cost Cost Cost 0 77	% d Benefit SI AGAR Kra 0&M Cost 10.00 % Total 26,742 77	tream No. 76.5 (Uait : 1,00 Benefit 0.0 666.0	43 20 Teka) Net Benefit -26,742 590		U N L <u>C</u> U B Year
Year	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 1 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 17.0 649.0 Cost Cost Cost 0 77 77	% d Benefit Si AGAR Km <u>0&amp;M Cost</u> 10.00 % Total 26,742 77 77	tream No. 76.5 (Uait : 1,00 Benefit 0.0 666.0 730.9	43 20 Taka) Net Benefit -26,742 590 654		U N L C U B Year 1 2 3
Year	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 1 Cost and NABIN/ RR-41 4,5 1 26,742 17.0 17.0 64500 Cost Cost Cost 0 77	% d Benefit SI AGAR Kra 0&M Cost 10.00 % Total 26,742 77	tream No. 76.5 (Uait : 1,00 Benefit 0.0 666.0	43 20 Teka) Net Benefit -26,742 590		U N L C U B Year 1 2 3 4 5
Year 1 2 3 4 5 6	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 1 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 649.0 Cost Cost Cost 0 77 77 77 77 77 77 77	% d Benefit SI AGAR Km <u>O&amp;M Cost</u> 10.00 % Total 26,742 77 77 77 77 77 77	tream No. 76.5 (Uait : 1,00 Benefit 0.0 666.0 730.9 802.3 880.8 967.2	43 20 Taks) Net Benefit -26,742 590 654 726 804 891		U N L C U B Year 1 2 3 4 5 6
Year 1 2 3 4 5 6 7	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 9 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 17.0 649:0 Cost Cost Cost 0 0 77 77 77 77 77 77 77	% d Benefit Si AGAR Km <u>O&amp;M Cost</u> 10.00 % Total 26,742 77 77 77 77 77 77 77	tream No. 76.5 (Uait : 1,00 Benefit 0.0 666.0 730.9 802.3 830.8 967.2 1,062.2	43 20 Taks) Net Benefit -26,742 590 654 726 804 891 986		U N L C U B Year 1 2 3.4 5.6 7
Year 1 2 3 4 5 5 7 8	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 9 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 17.0 649.0 Cost Cost Cost 0 77 77 77 77 77 77 77 77 77	% d Benefit Si AGAR (Magar (0,00 %) Total 26,742 77 77 77 77 77 77 77 77	tream No. 76.5 (Uait : 1,00 Benefit 0.0 666.0 730.9 802.3 880.8 967.2 1,062.2 1,166.7	43 20 Teks) Net Benefit -26,742 590 654 726 804 891 986 1,090		U N L C U B Year 1 2 3 4 5 6 7 8
Yean 1 2 3 4 5 6 7	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 9 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 17.0 649:0 Cost Cost Cost 0 0 77 77 77 77 77 77 77	% d Benefit Si AGAR Km <u>O&amp;M Cost</u> 10.00 % Total 26,742 77 77 77 77 77 77 77	tream No. 76.5 (Uait : 1,00 Benefit 0.0 666.0 730.9 802.3 830.8 967.2 1,062.2	43 20 Taks) Net Benefit -26,742 590 654 726 804 891 986		U N L C U B Year 1 2 3.4 5.6 7
Year 1 2 3 4 4 5 6 6 7 8 8 5 5 10	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 9 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 649:0 Cost Cost Cost 0 77 77 77 77 77 77 77 77 77	% d Benefit SI AGAR Km 0&M Cost 10.00 % Total 26,742 77 77 77 77 77 77 77 77 77 77 77 77 77	Tream No. 76.5 (Uait : 1,00 Benefit 0.0 666.0 730.9 802.3 880.8 967.2 1,062.2 1,166.7 1,281.7 1,408.2 1,547.3	43 20 Taks) Net Benefit -26,742 590 654 726 804 891 986 1,090 1,205 1,332 1,471		U N L C U B Year 1 2 3 4 5 6 7 8 8 9 10 11
Year 1 2 3 3 4 5 6 6 7 8 8 9 10 0 11 12	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 9 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 17.0 649.0 Cost Cost 0 Cost 0 77 77 77 77 77 77 77 77 77	% d Benefit Si AGAR Km 0&M Cost 10.00 % Total 26,742 77 77 77 77 77 77 77 77 77 77 77 77 77	tream No. 76.5 (Uait : 1,00 Benefit 0.0 666.0 730.9 802.3 880.8 967.2 1,062.2 1,166.7 1,281.7 1,281.7 1,408.2 1,547.3 1,700.3	43 20 Taka) Net Benefit -26,742 590 654 726 804 891 986 1,090 1,205 1,332 1,471 1,624		U N L C U B Year 1 2 3.4 5 6 7 8 9 10 11 112
Year 1 2 3 3 4 4 5 6 7 7 8 5 6 10 11 12 13	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Henefit T A Construction Cost 26,742	9 9 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 649.0 Cost Cost Cost Cost 0 77 77 77 77 77 77 77 77 77	% d Benefit Si AGAR (Magar (0,00 %) (10,00 %)	tream No. 76.5 (Unit : 1,00 Benefit 0.0 666.0 730.9 802.3 880.8 967.2 1,062.2 1,062.2 1,166.7 1,281.7 1,408.2 1,547.3 1,700.3 1,868.7	43 20 Taks) Net Benefit -26,742 590 654 726 804 894 986 1,090 1,205 1,332 1,471 1,624 1,792		U N L C U B Year 1 2 3 4 5 6 6 7 8 9 10 11 11 12 13
Year 1 2 3 3 4 5 5 6 7 7 8 8 5 5 10 11 1 12 2 3 14	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 9 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 649.0 Cost Cost Cost Cost 0 77 77 77 77 77 77 77 77 77	% d Benefit SI AGAR Km 0&M Cost 10.00 % Total 26,742 77 77 77 77 77 77 77 77 77 77 77 77 77	No. 76.5 (Unit : 1,00 Benefit 0.0 666.0 730.9 802.3 880.8 967.2 1,062.2 1,166.7 1,281.7 1,408.2 1,547.3 1,700.3 1,868.7 2,053.8	43 20 Taks) Net Bencfit -26,742 590 654 726 804 894 1,936 1,090 1,205 1,332 1,471 1,624 1,792 1,977		U N N L C C U U B Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14
Year 1 2 3 3 4 4 5 6 7 7 8 5 6 10 11 12 13	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 9 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 649.0 Cost Cost Cost Cost 0 77 77 77 77 77 77 77 77 77	% d Benefit Si AGAR (Magar (0,00 %) (10,00 %)	tream No. 76.5 (Unit : 1,00 Benefit 0.0 666.0 730.9 802.3 880.8 967.2 1,062.2 1,062.2 1,166.7 1,281.7 1,408.2 1,547.3 1,700.3 1,868.7	43 20 Taks) Net Benefit -26,742 590 654 726 804 894 986 1,090 1,205 1,332 1,471 1,624 1,792		U N L C U B Year 1 2 3 4 5 6 6 7 8 9 10 11 11 12 13
Yean 1 2 3 3 4 4 5 6 6 7 7 8 8 5 5 1 1 1 1 2 1 3 1 4 4 1 5 2 1 3 1 4 1 1 2 2 3 3 4 4 5 5 1 1 1 1 2 2 3 3 3 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IRR = Upazila Name of Road Length of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 9 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 649.0 Cost Cost Cost 0 77 77 77 77 77 77 77 77 77	% d Benefit Si AGAR (0&M Cost 10.00 % Total 26,742 77 77 77 77 77 77 77 77 77 77 77 77 77	No. 76.5 (Unit : 1,00 Benefit 0.0 666.0 730.9 802.3 880.8 967.2 1,062.2 1,062.2 1,166.7 1,281.7 1,281.7 1,408.2 1,547.3 1,700.3 1,868.7 2,053.8 2,257.5 2,481.6 2,728.0	43 20 Teks) Net Benefit -26,742 590 654 726 804 891 986 1,090 1,205 1,332 1,471 1,624 1,792 1,977 2,181 2,405		U N L C U B Year Year 1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17
Year 1 2 3 3 4 5 6 7 7 8 8 5 10 11 11 12 2 3 4 4 5 10 11 11 12 13 14 15 16 17 17 17 18	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 9 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 17.0 649.0 Cost Cost Cost Cost 0 77 77 77 77 77 77 77 77 77	% d Benefit Si AGAR (Magar (0,00 %) (10,00 %)	No. 76.5 (Unit : 1,00 Benefit 0.0 666.0 730.9 802.3 880.8 967.2 1,062.2 1,166.7 1,281.7 1,408.2 1,547.3 1,700.3 1,868.7 2,053.8 2,257.5 2,481.6 2,728.0 2,999.1	43 20 Teks) Net Benefit -26,742 590 654 726 804 894 1,986 1,090 1,205 1,332 1,471 1,624 1,792 1,977 2,181 2,405 2,652 2,923		U N N L C U U B Year Year 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16 17 18
Yean 1 2 3 3 4 4 5 5 6 6 7 7 8 8 5 5 10 11 12 13 14 15 16 17 7	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 26,742	9 9 Cost and NABIN/ RR-41 4.5 1 26,742 17.0 649.0 Cost Cost Cost 0 77 77 77 77 77 77 77 77 77	% d Benefit Si AGAR (0&M Cost 10.00 % Total 26,742 77 77 77 77 77 77 77 77 77 77 77 77 77	No. 76.5 (Unit : 1,00 Benefit 0.0 666.0 730.9 802.3 880.8 967.2 1,062.2 1,062.2 1,166.7 1,281.7 1,281.7 1,408.2 1,547.3 1,700.3 1,868.7 2,053.8 2,257.5 2,481.6 2,728.0	43 20 Teks) Net Benefit -26,742 590 654 726 804 891 986 1,090 1,205 1,332 1,471 1,624 1,792 1,977 2,181 2,405		U N L C U B Year 1 2 3.4 5 6 6 7 8 9 10 11 12 13 14 15 16 17

### Table G.1.13 Calculation Table for IRR

		Cost and	t Benefit St	ream	
	Upazila	NABINA	JOAR	No.	42
	Name of Road	RR-40			
	Length of Road	8.0 ł	ίm .		· .
	Cost	39,395			
•	Unit O&M Cost		O&M Cost	136.0	
•	Benefit T	220.0			
	<u></u>	2,705.0	10.00 9		
		·	· · · · · · · · · · · · · · · · · · ·	(Unit : 1,0	00 Taka)
Year	Construction	Cost	Total	Benefit	Net Benefit
	Cost	Cost	1044	1,0,4,1,1,	
 l	39,395	0	39,395	0.0	-39,395
2	57,575	136	136	2,925.0	2,789
3		136	136	3,195.5	3,060
- 4		136	136	3,493.1	3,357
5	÷	136	136	3,820.4 4,180.4	3,684 4,044
6 . 7	•	136 136	136 136	4,130.4	4,440
8	·***	136	136	5,012.1	4,876
ğ		136	136	5,491.3	5,355
10		136	136	6,018.4	5,882
11		136	136	6,598.2	6,462
12		136	136	7,236.1 7,937.7	7,100
13		136 136	136 136	8,709.4	7,802 8,573
14 15		136	136	9,558.4	9,422
16		136	136	10,492.2	10,356
17		136	136	11,519.5	11,383
-18		136	136	12,649.4	12,513
19		136	136	13,892.3	13,756
20		136	136	15,259.6	15,124
	IRR =	12 9	6		
		Cost and	Benefit St	ream	· · ·
	Inaria	NARINA	GAR	No.	44
	Upazila Neme of Road	NABINA	GAR	No.	44
	Name of Road	RR-42		No.	44
	Name of Road Length of Road	RR-42 6.5 ¥		No.	44
-	Name of Road Length of Road Cost	RR-42 6.5 ¥ 34,974	Sm		44
-	Name of Road Length of Road Cost Unit O&M Cost	RR-42 6.5 y 34,974 17.0		No. 110.5	44
-	Name of Rosd Length of Rosd Cost Unit O&M Cost Benefit T	RR-42 6.5 ¥ 34,974 17.0 95.0	Colored Cost	110.5	44
-	Name of Road Length of Road Cost Unit O&M Cost	RR-42 6.5 y 34,974 17.0	Sm	110.5	• <b>••••</b> •
-	Name of Rosd Length of Rosd Cost Unit O&M Cost Benefit T	RR-42 6.5 ¥ 34,974 17.0 95.0 1,684.0	Colored Cost	110.5	• <b>••••</b> •
-	Name of Rosd Length of Rosd Cost Unit O&M Cost Benefit T	RR-42 6.5 ¥ 34,974 17.0 95.0 1,684.0 Cost	Colored Cost	110.5	00 Taka)
(est	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-42 6.5 H 34,974 17.0 95.0 1,684.0 Cost Cost Cost	5m O&M Cost 10.00 9 Total	110.5 (Unit : 1,0 Benefit	00 Taka) Net Benefit
rear 1	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	RR-42 6.5 ¥ 34,974 17.0 95.0 1,684.0 Cost Cost Cost O&M Cost	5m O&M Cost 10.00 9 Total 34,974	110.5 (Unit : 1,0	00 Taka) Net Benefit -34,974
(csu 1 2	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-42 6.5 H 34,974 17.0 95.0 1,684.0 Cost Cost Cost	5m O&M Cost 10.00 9 Total	110.5 (Unit : 1,0 Benefit 0.0	00 Taka) Net Benefit -34,974 1,669
/esr 1 2 3 4	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-42 6.5 ¥ 34,974 17.0 95.0 1,684.0 Cost O&M Cost 0 111	5m O&M Cost 10.00 9 Totel 34,974 111	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6	00 Taka) Net Benefi -34,974 1,669 1,837 2,022
(car 1 2 3 4 5	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-42 6.5 F 34,974 17.0 95.0 1,684.0 Cost Cost Cost 0 111 111 111 111	5m O&M Cost 10.00 9 Totsl 34,974 111 111 111	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4	00 Taka) Net Benefi -34,974 1,669 1,837 2,022 2,226
Геяг 1 2 3 4 5 6	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-42 6.5 F 34,974 17.0 95.0 1,684.0 Cost Cost Cost Cost 0 111 111 111 111	5m O&M Cost 10.00 9 Total 34,974 111 111 111 111 111	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,560.5	00 Taka) Net Benefi -34,974 1,669 1,837 2,022 2,226 2,450
fear 1 2 3 4 5 6 7	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-42 6.5 F 34,974 17.0 95.0 1,684.0 Cost Cost Cost Cost Cost 0 111 111 111 111 111	5m O&M Cost 10.00 9 Totel 34,974 111 111 111 111 111	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,560.5 2,807.1	00 Taka) Net Benefi -34,974 1,669 1,837 2,022 2,226 2,450 2,697
fear 1 2 3 4 5 6 7 8	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	RR-42 6.5 ¥ 34,974 17.0 95.0 1,684.0 Cost Cost Cost Cost 0 111 111 111 111 111	5m O&M Cost 10.00 9 Total 34,974 111 111 111 111 111 111	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,560.5 2,807.1 3,078.3	00 Taka) Net Benefi -34,974 1,669 1,837 2,022 2,226 2,450 2,697 2,968
(ear 1 2 3 4 5 6 7 8 9	Name of Road Length of Road Unit O&M Cost Benefit T A Construction Cost 34,974	RR-42 6.5 ¥ 34,974 17.0 95.0 1,684.0 Cost Cost Cost Cost 0 111 111 111 111 111 111 111	5m O&M Cost 10.00 9 Totel 34,974 111 111 111 111 111	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,560.5 2,807.1	00 Taka) Net Benefi -34,974 1,669 1,837 2,022 2,226 2,450 2,697 2,968 3,266
fear 1 2 3 4 5 6 7 8 9 10	Name of Road Length of Road Unit O&M Cost Benefit T A Construction Cost 34,974	RR-42 6.5 ¥ 34,974 17.0 95.0 1,684.0 Cost Cost Cost Cost 0 111 111 111 111 111	5m O&M Cost 10.00 9 Total 34,974 111 111 111 111 111 111 111	110.5 (Unit : 1,0) Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,560.5 2,807.1 3,078.3 3,376.6	00 Taka) Net Benefi -34,974 1,669 1,837 2,022 2,226 2,450 2,697 2,663 3,266 3,266 3,594
(ear 1 2 3 4 5 6 7 8 9	Name of Road Length of Road Unit O&M Cost Benefit T A Construction Cost 34,974	RR-42 6.5 ¥ 34,974 17.0 95.0 1,684.0 Cost Cost Cost 0 111 111 111 111 111 111 111 111 111	5m O&M Cost 10.00 9 Totsl 34,974 111 111 111 111 111 111 111 1	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,560.5 2,807.1 3,078.3 3,376.6 3,704.8	00 Taka) Net Benefi -34,974 1,669 1,837 2,022 2,250 2,697 2,968 3,269 3,594 3,955 4,352
fear 1 2 3 4 5 6 7 8 9 10 11 12 13	Name of Road Length of Road Unit O&M Cost Benefit T A Construction Cost 34,974	RR-42 6.5 ¥ 34,974 17.0 95.0 1,684.0 Cost Cost 0 111 111 111 111 111 111 111	5m O&M Cost 10.00 9 Total 34,974 111 111 111 111 111 111 111 1	110.5 (Unil : 1,0) Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,560.5 2,807.1 3,078.3 3,376.6 3,704.8 4,065.8 4,462.9 4,899.6	00 Taka) Net Benefi 1,837 1,837 2,022 2,226 2,450 2,697 2,968 3,266 3,594 3,554 3,554 4,352 4,352
fear 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Name of Road Length of Road Unit O&M Cost Benefit T A Construction Cost 34,974	RR-42 6.5 ¥ 34,974 17.0 95.0 1,684.0 Cost Cost Cost 0 111 111 111 111 111 111 111 111 111	5m O&M Cost 10.00 9 Total 34,974 111 111 111 111 111 111 111 1	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,560.5 2,807.1 3,078.3 3,376.6 3,704.8 4,065.8 4,462.9 4,899.6 5,380.1	00 Taks) Net Benefi -34,974 1,669 1,837 2,022 2,226 2,450 2,697 2,968 3,266 3,594 3,955 4,355 4,355 4,385 4,385 4,385 4,385
fear 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Name of Road Length of Road Unit O&M Cost Benefit T A Construction Cost 34,974	RR-42 6.5 F 34,974 17.0 95.0 1,684.0 Cost Cost Cost 0 111 111 111 111 111 111 111 111 111	5m O&M Cost 10.00 9 Totsl 34,974 111 111 111 111 111 111 111 1	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,560.5 2,807.1 3,078.3 3,376.6 3,704.8 4,065.8 4,462.9 4,899.6 5,380.1 5,908.6	00 Taka) Net Benefi -34,974 1,665 1,837 2,022 2,226 2,450 2,663 3,266 3,266 3,265 3,255 4,355 4,355 4,359 5,270 5,798
fear 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Name of Road Length of Road Unit O&M Cost Benefit T A Construction Cost 34,974	RR-42 6.5 F 34,974 17.0 95.0 1,684.0 Cost Cost 0 111 111 111 111 111 111 111	5m O&M Cost 10.00 9 Totel 34,974 111 111 111 111 111 111 111 1	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,336.4 2,560.5 2,807.1 3,078.3 3,3764.8 4,065.8 4,462.9 4,899.6 5,380.1 5,908.6 6,490.0	00 Taka) Net Benefit -34,974 1,669 1,837 2,022 2,226 2,450 2,697 2,963 3,266 3,594 3,955 4,352 4,789 5,270 5,798 6,379
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Name of Road Length of Road Unit O&M Cost Benefit T A Construction Cost 34,974	RR-42 6.5 ¥ 34,974 17.0 95.0 1,684.0 Cost Cost Cost 0 111 111 111 111 111 111 111	5m O&M Cost 10.00 9 Totel 34,974 111 111 111 111 111 111 111 1	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,560.5 2,807.1 3,078.3 3,376.6 3,704.8 4,065.8 4,462.9 4,899.6 5,380.1 5,908.6	00 Taka) Net Benefit -34,974 1,669 1,837 2,022 2,226 2,450 2,697 2,968 3,269 3,594 3,595 4,332 4,789 5,270 5,798 6,379 7,019
fear 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Name of Road Length of Road Unit O&M Cost Benefit T A Construction Cost 34,974	RR-42 6.5 F 34,974 17.0 95.0 1,684.0 Cost Cost 0 111 111 111 111 111 111 111	5m O&M Cost 10.00 9 Totel 34,974 111 111 111 111 111 111 111 1	110.5 (Unit : 1,0 Benefit 0.0 1,779.0 1,947.4 2,132.6 2,336.4 2,560.5 2,807.1 3,078.3 3,376.6 3,704.8 4,065.8 4,462.9 4,899.6 5,380.1 5,908.6 6,490.0 7,129.5	• <b>••••</b> •

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	Benefit T	26.0			a at a		_	Benefit T		0.00 %		
1	<u>A</u>	438.0	10.00 9	6 "(Unit : 1,00	O Taka)	·	Т. ц.	A	0.0	0.00 %	(Unit : 1.00	0 Taka)
		Cost		· · · · ·				_,,,,,,,_,_,_,	Cost			
Year		D&M Cost	Total	Benefit	Net Benefit		Year	Construction Cost	O&M Cost	Total	Benefit	Net Benefi
	20,811	0	20,811	0.0	-20,811		1	0	0	0	0.0	· · · · · · · · · · · · · · · · · · ·
2		68	68	464.0	396		2	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	0	0	0.0 0.0	
3	1 E .	68 68	68 68	507.8 556.0	440		و . د		0	. 0	0.0	· · ·
5	· · ·	68	68	609.0	541		5		0	Ó	0.0	
6		68	68	667.3	599		6		0	0	0.0 0.0	1.1
7		68 68	68 68	731.4 801.9	663 734		7		0	. 0	0.0	
. 9		68	68	879.5	812		9	q = -i/4d	Ő	0	0.0	
10	<ul> <li>A state</li> </ul>	68	68	964.9	897		10		0	0	0.0	
11		68 68	68 68	1,058.8 1,162.1	991 1,094		11		0	0	0.0 0.0	
12 13		68	68	1,275.7	1,054		13		ŏ	Ō	0.0	
14		68	68	1,400.6	1,333		14		0	0	0.0	· ·
15		68	68	1,538.1	1,470 1,621		15 16	a su Su su su su	0	0	0.0 0.0	
16		68 68	68 68	1,689.3 1,855.6	1,788		17		· · · 0	, õ	0.0	
18		68	68	2,038.6	1,971		18		0	0	0.0	
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	Upazila l	Cost and		tream No.			· · ·	Upazila		d Benefit St AGAR	réam No	
· · · ·	Upazila l Name of Road	NABIN/	AGAR		······································		1	Name of Road	NABIN	AGAR		
	Upazila I Name of Road Length of Road	NABIN/ 0.0 1	AGAR		· · · · · · · · · · · · · · · · · · ·		1	Name of Road Length of Read	NABIN. 0.0 I	AGAR		
	Upazila l Name of Road Length of Road Cost	NABIN/ 0.0 # 0	<b>\GA</b> R Km	No.	· · · · · · · · · · · · · · · · · · ·		1 1 (	Name of Road Length of Road Cost	NABIN 0.0 I 0	AGAR Km	No.	
	Upazila I Name of Road Length of Road Cost Unit O&M Cost	NABIN/ 0.0 f <u>0</u> 0.0	AGAR	No.				Name of Road Length of Road Cost Unit O&M Cos	NABIN 0.0 1 0 t 0.0	AGAR		
	Upazils I Name of Road Length of Road Cost Unit O&M Cost Benefit T	NABINA 0.0 4 0 0.0 0.0	AGAR Kin O&M Cost	<u>No.</u> 0.0				Name of Road Length of Road Cost Unit O&M Cos Benefit T	NABIN 0.0 1 0 t 0.0 0.0	AGAR Km	No.	
	Upazila I Name of Road Length of Road Cost Unit O&M Cost	NABIN/ 0.0 f <u>0</u> 0.0	<b>\GA</b> R Km	<u>No.</u> 0.0	)) Teka)			Name of Road Length of Road Cost Unit O&M Cos	NABIN 0.0 1 0 t 0.0 0.0	AGAR Km <u>O&amp;M Cost</u>	No.	O Taka)
	Upazila I Name of Road Length of Road Cost Unit O&M Cost Benefit T A	NABINA 0.0 4 0 0.0 0.0 0.0 0.0 0.0 Cost	AGAR Kin <u>0&amp;M Cost</u> 0.00 9	<u>No.</u> 0.0 (Unit : 1,00				Name of Road Length of Road Cost Unit O&M Cos Benefit T A	NABIN 0.0 0 0.0 0.0 0.0 0.0 0.0 0.0	AGAR Kru <u>O&amp;M Cost</u> 0.00 9	<u>No.</u> 0.0 (Unit : 1,00	
Year	Upazila I Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction O	NABINA 0.0 4 0 0.0 0.0 0.0 0.0 0.0 Cost	AGAR Kin O&M Cost	No. 0.0	X) Teka) Net Bedefit			Name of Road Length of Road Cost Unit O&M Cos Benefit T	NABIN 0.0 0 0.0 0.0 0.0 0.0 0.0 0.0	AGAR Kru <u>O&amp;M Cost</u> 0.00 9	No.	
Year 1	Upazila I Name of Road Length of Road Cost Unit O&M Cost Benefit T A Coastruction C Cost	NABINA 0.0 4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	AGAR Kin <u>0&amp;M Cost</u> 0.00 9	<u>No.</u> 0.0 (Unit : 1,00				Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction	NABIN 0.0 0 0.0 0.0 0.0 0.0 0 0 0 0 0	AGAR <u>O&amp;M Cost</u> 0.00 % Total 0	No. 0.0 (Unit : 1,00 Benefit 0.0	Net Benef
1	Upazila I Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction O Cost O 0	NABINA 0.0 # 0.0 0.0 0.0 0.0 0.0 0.0 Cost D&M Cost 0 0 0	AGAR (in 0.00 9 0.00 9 Total 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0	Net Benefit O O		Year 1 2	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 Cost 0&M Cost 0&M Cost 0 0 0 0	AGAR <u>O&amp;M Cost</u> 0.00 % Total 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0	Net Benef
<u>.</u> 1	Upazila I Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction O Cost O 0	NABINA 0.0 f 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Cost 0.0 Cost 0.0 0 0 0 0 0 0	AGAR Cin 0.00 9 Total 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0	Net Benefit		Year I	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN 0.0 0 0.0 0.0 0.0 0.0 0 0 0 0 0	AGAR <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0	Net Benef
1 2 3 4	Upazila I Name of Road Length of Road Cost Unit O&M Coat Benefit T A Construction C Cost 0	NABINA 0.0 # 0.0 0.0 0.0 0.0 0.0 0.0 Cost D&M Cost 0 0 0	AGAR (in 0.00 9 0.00 9 Total 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0	Net Benefit O O		Year 1 2	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 Cost Cost Cost Cost 0 & 0 0 0 0	AGAR <u>O&amp;M Cost</u> 0.00 % Total 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0	Net Benef
1 2 3 4 5 6	Upazila I Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction C Cost 0	NABINA 0.0 F 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0		Ycar 1 2 3 4 5 6	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.0	AGAR <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benef
1 2 3 4 5 6 7	Upazila I Name of Road Length of Road Cost Unit O&M Coat Benefit T A Construction ( Cost 0	NABINA 0.0 F 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Besefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Ycar 1 2 3 4 5 6 7	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 Cost 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	AGAR <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Net Benef
1 2 3 4 5 6 7 8	Upazila I Name of Road Length of Road Cost Unit O&M Coat Benefit T A Construction C Coat C	NABINA 0.0 F 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0		Ycar 1 2 3 4 5 6	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.0	AGAR <u>O&amp;M Cost</u> 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benef
1 2 3 4 5 6 7	Upazila I Name of Road Length of Road Cost Unit O&M Coat Benefit T A Construction C Cost 0	NABINA 0.0 4 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Bezefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Year 1 2 3 4 5 6 7 8 9 10	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.0	AGAR <u>O&amp;M Cost</u> 0.00 7 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benef
1 2 3 4 5 6 7 8 9 10	Upazila I Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction ( Cost 0 0	NABINA 0.0 F 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Year 1 2 3 4 5 6 7 8 9 10	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.0	AGAR <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benef
1 2 3 4 5 6 7 8 9 10 11 11 12	Upazila I Name of Road Length of Road Cost Unit O&M Coat Benefit T A Construction O Cost O	NABINA 0.0 F 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 6 (Unit : 1,0) Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Year 1 2 3 4 5 6 7 8 9 10 11 12	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.0	AGAR <u>O&amp;M Cost</u> 0.00 7 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benef
1 2 3 4 5 6 7 8 9 9 10 11 12 13	Upazila I Name of Road Length of Road Cost Unit O&M Coat Benefit T A Construction C Coat C	NABINA 0.0 F 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Year 1 2 3 4 5 6 7 8 9 10	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.0	AGAR <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benef
1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15	Upazila I Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction ( Cost 0 0	NABINA 0.0 F 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.0	AGAR <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benef
1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 14 5 16	Upazila I Name of Road Length of Road Cost Unit O&M Coat Benefit T A Construction ( Cost 0 0	NABINA 0.0 # 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Ycar 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.0	AGAR <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benef
1 2 3 4 5 6 7 7 8 8 9 10 11 11 12 13 14 15 16 117	Upazila I Name of Road Length of Road Cost Unit O&M Coat Benefit T A Construction ( Cost C	NABINA 0.0 F 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 6 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.0	AGAR <u>O&amp;M Cost</u> 0.00 % Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefi
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19	Upazila I Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction ( Cost 0 0	NABINA 0.0 F 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.0	AGAR <u>O&amp;M Cost</u> 0.00 2 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benef
1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18	Upazila I Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction ( Cost 0 0	NABINA 0.0 f 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Ycar i 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	AGAR <u>0.00 9</u> <u>10tal</u> 000 00 00 00 00 00 00 00 00	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0 Taka) Net Benefi
1 2 3 4 5 6 7 8 9 10 11 11 13 14 15 16 17 17 18 19	Upazila I Name of Road Length of Road Cost Unit O&M Coat Benefit T A Construction ( Cost C	NABINA 0.0 f 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0	AGAR Cin 0.00 9 Total 0 0 0 0 0 0 0 0 0 0 0 0 0	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefit 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	NABIN. 0.01 0.02 0.00 0.00 0.00 0.00 0.00 0.0	AGAR <u>0.00 9</u> <u>10tal</u> 000 00 00 00 00 00 00 00 00	No. 0.0 (Unit : 1,00 Benefit 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Net Benefi

### Table G.1.13 Calculation Table for IRR (Nabinagar Upazila) (12/12)

		Cashani	Benefit S		npur Upa				Cost on	d Benefit St	C00701	
	- 	Cost and	i benefit s	oream				· · · ·		a denem ou	Cann	
· .	Upazila B.	ANCHA	RAMPUR	No.	1		Up	azila B/	NCHA	RAMPUR	No.	2
	Name of Road	FB-1		*·····			Ner	me of Road	FB-2			
	Length of Road	22.4 1	(m					igth of Road	19.2 k	(m		
		an an S					Cos		119,366			
-	Cost	121,206	O&M Cost	448.0				it O&M Cost	20.0	O&M Cost	384.0	
-	Unit O&M Cost	20.0	OSEM COS	448.0					1,834.0	Obcivi Cost	V.+0C	
-	Benefit T A	7,608.0	10.00 9	6	1				5,020.0	10.00 9	6	
· · ·				(Unit : 1,00	0 Taka)						(Unit : 1,00	0 Taka)
		Cost					·	<u></u>	Cost			· · · · · · ·
Year		O&M Cost	Total	Benefit	Net Benefit	Ya		Construction (	O&M Cost	Total	Benefit	Net Benefi
	0.081		· · ·									
1	121,206	0	121,206	0.0	-121,206		1	119,366	. 0	119,366	0.0	-119,360
23	. · · · ·	448 448	448 448	16,637.0 17,397.8	16,189 16,950		2 3		384 384	384 384	6,854.0 7,356.0	6,470 6,972
. 4		448	448	18,234.7	10,930		4		384	384	7,908.2	7,524
5		448	448	19,155.2	18,707		5		384	384	8,315.6	8,132
. 6	· .	448	448	20,167.9	19,720		6	-	384	384	9,183.8	8,800
7	· .	·448	448	21,281.8	20,834		7 [.] 8 .		384 384	384 384	9,918.8 10,727.2	9,535
8 9		448	448 448	22,507.0 23,854.8	22,059 23,407		о. 9		384	384	11,616.6	11,233
i 10		448	448	25,337.4	24,889		ó	•	384	384	12,594.8	12,211
11		448	448	26,968.3	26,520		1		384	384	13,670.9	13,287
12		448	448	28,762.2	28,314		2		384	384	14,854.6	14,471
13 14		448 448	448 448	30,735.5 32,906.2	30,288 32,458		3 4		384 384	384 384	16,156.6 17,588.9	15,773 17,205
14		448	448	32,900.2	34,846		s 5		384	384	19,164.4	18,780
16	1	448	448	37,920.4	37,472	-	6		384	384	20,897.4	20,513
17		448	448	40,809.5	40,362		7		384	384	22,803.8	22,420
18		-448	448	43,987.6	43,540		8	1 A.	384 384	384 384	24,900.8 27,207.4	24,517 26,823
		4.00										20,02,0
19		448 448	448 448	47,483.4 51 328 9	47,035	1						
	IRR =	448 448 17 9	448	47,483.4 51,328.9	47,035 50,881		0 	irr =	384	384	29,744.8	29,361
19		448 17 9	448 6	51,328.9					384	384	29,744.8	
19 20		448 17 9 Cost and	448 6 I Benefit S	51,328.9 Stream	50,881		0	(	384 7 9 Cost and	384 % d Benefit St	29,744.8 ream	29,361
19 20	Upazila <b>B</b> A	448 17 9 Cost and ANCHAI	448 6	51,328.9			0  	azila BA	384 7 9 Cost and	384	29,744.8	
19 20	Upazila BA Name of Read	448 17 9 Cost and ANCHAH FB-3	448 6 I Benefit S RAMPUR	51,328.9 Stream	50,881		0  Upa Nas	(	384 7 9 Cost and	384 % A Benefit St RAMPUR	29,744.8 ream	29,361
19 20	Upazila BA Name of Road Leugth of Road	448 17 9 Cost and ANCHAH FB-3 19.2 F	448 6 I Benefit S RAMPUR	51,328.9 Stream	50,881		0 Upa Nas Ler	azila BA me of Road	384 7 5 Cost and ANCHA RR-1 11.2 F	384 % A Benefit St RAMPUR	29,744.8 ream	29,361
19 20	Upazila BA Name of Road Length of Road Cost	448 17 9 Cost and ANCHAH FB-3 19.2 k 86,207	448 6 I Benefit S RAMPUR	51,328.9 Stream No.	50,881		Upa Nar Len	azila BA me of Road I agth of Road st	384 7 5 Cost and ANCHA RR-1 11.2 F 46,771	384 6 H Benefit St RAMPUR Sm	29,744.8 ream No.	29,361
19 20	Upazila BA Name of Road Length of Road Cost Unit C&M Cost	448 17 9 Cost and ANCHAH FB-3 19.2 k 86,207 20.0	448 6 I Benefit S RAMPUR	51,328.9 Stream No.	50,881		Upa Nas Len Ua	azila BA me of Road ngth of Road st it O&M Cost	384 7 5 Cost and ANCHA RR-1 11.2 F 46,771 17.0	384 % H Benefit St RAMPUR	29,744.8 ream	29,361
19 20	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T	448 17 5 Cost and ANCHAI FB-3 19.2 k 86,207 20.0 4,882.0	448 6 I Benefit S RAMPUR Cm O&M Cost	51,328.9 Stream No. 384.0	50,881		Upa Nas Len Ua	ezile BA me of Road ngth of Road st it O&M Cost mefit T	384 7 : Cost and ANCHA RR-1 11.2 F 46,771 17.0 496.0	384 6 H Benefit St RAMPUR Sm	29,744.8 ream No. 190.4	29,361
19 20	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T	448 17 9 Cost and ANCHAH FB-3 19.2 k 86,207 20.0	448 6 I Benefit S RAMPUR	51,328.9 Stream No. 384.0	<u>50,881</u>		Upa Nas Len Ua	ezile BA me of Road ngth of Road st it O&M Cost mefit T	384 7 5 Cost and ANCHA RR-1 11.2 F 46,771 17.0	384 6 d Benefit St RAMPUR 6m <u>O&amp;M Cost</u>	29,744.8 ream No. 190.4	<u>4</u>
19 20	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T	448 17 5 Cost and ANCHAI FB-3 19.2 k 86,207 20.0 4,882.0	448 6 I Benefit S RAMPUR Cm O&M Cost	51,328.9 Stream No. 384.0	<u>50,881</u>		Upa Nas Len Ua	azila BA me of Road 1 ngth of Road st it O&M Cost mefit T	384 7 : Cost and ANCHA RR-1 11.2 F 46,771 17.0 496.0	384 6 8 Benefit St RAMPUR 6m <u>0&amp;M Cost</u> 10.00 9	29,744.8 ream No. 190.4 (Unit : 1,00	29,361 4 0 Taka)
19 20	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T A Construction	448 17 5 Cost and ANCHAH FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost	448 6 I Benefit S RAMPUR Cm O&M Cost	51,328.9 Stream No. 384.0	<u>50,881</u>		0 Upa Nar Ler Uni Ber	azila BA me of Road ngth of Road st it O&M Cost uefit T A Construction	384 7 5 Cost and ANCHA RR-1 11.2 F 46,771 17.0 496.0 3,619.0 Cost	384 6 d Benefit St RAMPUR Sm O&M Cost	29,744.8 ream No. 190.4	29,361 4 0 Taka)
19 20	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T A Construction	448 17 9 Cost and ANCHAH FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost O&M	448 6 I Benefit S RAMPUR (m) (0&M Cost 10.00 9 Total	51,328.9 Stream No. 384.0 6 (Unit : 1,00	50,881 <u>3</u> 10 Taka) Net Benefit	Yee	0 Upa Nar Ler Uni Ber	azila BA me of Road ngth of Road st it O&M Cost uefit T A Construction	384 7 5 Cost and ANCHA RR-1 11.2 F 46,771 17.0 496.0 3,619.0 Cost Cost	384 6 8 Benefit St RAMPUR 6m <u>0&amp;M Cost</u> 10.00 9	29,744.8 ream No. 190.4 (Unit : 1,00	29,361 4 0 Taka) Net Benefi -46,771
19 20 Year 1 2	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T A Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost Cost	448 6 1 Benefit S RAMPUR 6m 0.22M Cost 10.00 2 Total 86,207 384	51,328.9 Stream No. 384.0 (Unit : 1,00 Benefit	50,881 3 10 Taka)	Yee	0 Upa Nar Ler Uni Ber Uni 1 2	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : Cost and ANCHA RR-1 11.2 F 46,771 7.0 496.0 3,619.0 Cost Cost Cost Cost 0 190	384 6 H Benefit St RAMPUR 6m <u>0&amp;M Cost</u> 10.00 % Total 46,771 190	29,744.8 ream No. 190.4 (Unit : 1,00 Benefit 0.0 4,115.0	29,361 4 0 Taka) Net Benefi -46,771 3,925
19 20 Year 1 2 3	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T A Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost 0 384 384	448 6 1 Benefit S RAMPUR Im 0.32M Cost 10.00 9 Total 86,207 384 384	51,328.9 5tream No. 384.0 6 (Unit : 1,00 Benefit 0.0 8,309.0 8,551.7	50,881 3 10 Taka) Net Benefit -86,207 7,925 8,268	Yee	0 Upa Nar Ler Cos Uni Ber Uni 1 2 3	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 H 46,771 7.0 496.0 3,3(19.0 Cost Cost Cost 0 Exercise 0 190	384 6 1 Benefit St RAMPUR 5m 0&M Cost 10.00 % 70tel 46,771 190 190	29,744.8 ream No. 190.4 6 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9	29,361 4 0 Taka) Net Benefi -46,771 3,925 4,287
19 20 Year 1 2 3 4	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T A Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost 0 384 384 384 384	448 6 I Benefit S RAMPUR Cm 0&M Cost 10.00 9 Total 86,207 384 384 384	51,328.9 Stream No. 384.0 6 (Unit : 1,00 Benefit 0.0 8,351.7 9,028.7	50,881 3 10 Takn) Net Benefit -86,207 7,925 8,268 8,645	Yee	0 Upp Nam Ler Coo Uni Ber ( 1 1 2 3 4	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 F 46,771 7.0 496.0 3,619.0 Cost Cost Cost Cost 0 190 190	384 % H Benefit St RAMPUR Con 0&M Cost 10.00 % Total 46,771 190 190 190	29,744.8 ream No. 190.4 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0	29,361 4 0 Taka) Net Beuefi 3,925 4,287 4,685
19 20 Year 1 2 3 4 5	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T A Construction Cost 86,207	448 17 5 Cost and ANCHAH FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost O &M Cost 0 384 384 384 384	448 6 I Benefit S RAMPUR (m 0&M Cost 10.00 9 Total 86,207 384 384 384 384	51,328.9 Stream No. 384.0 6 (Unit : 1,00 Benefit 0.0 8,309.0 8,651.7 9,028.7 9,443.3	50,881 3 00 Taka) Net Benefit -86,207 7,925 8,268 8,645 9,059	Yee	0 Upu Nar Ler Cos Uni Ber 1 2 3 4 5	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 5 Cost and ANCHA RR-1 11.2 F 46,771 7.0 496.0 3,619.0 Cost Cost Cost 0 190 190 190	384 6 1 Benefit St RAMPUR 5m 0&M Cost 10.00 % 70tel 46,771 190 190	29,744.8 ream No. 190.4 6 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9	29,361 4 0 Taka) Net Benefi -46,771 3,925 4,287 4,685 5,122
19 20 Year 1 2 3 4	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T A Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost 0 384 384 384 384	448 6 I Benefit S RAMPUR Cm 0&M Cost 10.00 9 Total 86,207 384 384 384	51,328.9 Stream No. 384.0 6 (Unit : 1,00 Benefit 0.0 8,351.7 9,028.7	50,881 3 10 Takn) Net Benefit -86,207 7,925 8,268 8,645	Yee	0 Upp Nam Ler Coo Uni Ber ( 1 1 2 3 4	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 F 46,771 7.0 496.0 3,619.0 Cost Cost Cost Cost 0 190 190	384 6 1 Benefit St RAMPUR 5 0&M Cost 10.00 % Total 46,771 190 190 190 190 190 190	29,744.8 ream No. 190.4 6 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0 5,794.6 6,324.4	29,361 4 0 Taka) Net Benefi -46,771 3,925 4,287 4,685 5,122 5,604 6,134
19 20 Year 1 2 3 4 5 6 7 8	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T A Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 F 86,207 20.0 4,882.0 3,427.0 Cost Cost 0 384 384 384 384 384 384 384	448 6 1 Benefit S RAMPUR Im 0&M Cost 10.00 9 Total 86,207 384 384 384 384 384 384 384 384	51,328.9 Stream No. 384.0 6 (Unit : 1,00 Benefit 0.0 8,309.0 8,651.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 10,401.2 10,953.1	50,881 3 00 Takn) Net Benefit -86,207 7,925 8,268 8,645 9,059 9,515 10,017 10,569	Yee	0 Upv Nau Len Cor Uni Ber ( 1 1 2 3 4 4 5 5 6 6 7 8	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 H 46,771 7.0 496.0 3,319.0 Cost Cost Cost Cost Cost 0 190 190 190 190 190	384 % H Benefit St RAMPUR Sm O&M Cost 10.00 % Total 46,771 190 190 190 190 190 190 190	29,744.8 ream No. 190.4 6 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0 5,312.9 5,312.9 5,312.9 5,312.9 5,324.4 6,907.3	29,361 4 0 Taka) Net Benefi 3,925 4,287 4,683 5,122 5,604 6,134 6,134
19 20 Year 1 2 3 4 5 6 7 8 9	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T A Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost 0 384 384 384 384 384 384 384 384	448 6 I Benefit S RAMPUR Cm 0&M Cost 10.00 2 Total 86,207 384 384 384 384 384 384 384 384 384 384	51,328.9 Stream No. 384.0 (Unit : 1,00 Benefit 0.0 8,309.0 8,651.7 9,028.7 9,443.3 9,899.5 10,401.2 10,953.1 11,560.3	50,881 3 10 Takn) Net Benefit -86,207 7,925 8,268 8,645 9,059 9,515 10,017 10,569 11,176	Yee	0 Upu Nar Ler Uni Ber Uni Ber Uni 2 3 4 5 6 7 7 8 8 9	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 F 46,771 7.0 496.0 3,619.0 Cost Cost Cost Cost 0 190 190 190 190 190 190 190	384 % H Benefit St RAMPUR Cm 0&M Cost 10.00 % Total 46,771 190 190 190 190 190 190 190 19	29,744.8 ream No. 190.4 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0 5,312.9 5,794.6 6,324.4 6,907.3 7,548.4	29,361 4 0 Taka) Net Beuefi 3,925 4,287 4,683 5,122 5,604 6,134 6,717 7,358
19 20 Year 1 2 3 4 4 5 6 7 7 8 9 10	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T A Construction Cost 86,207	448 17 5 Cost and ANCHAH FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost 0 384 384 384 384 384 384 384 384	448 6 I Benefit S RAMPUR (m O&M Cost 10.00 9 Total 86,207 384 384 384 384 384 384 384 384 384 384	51,328.9 Stream No. 384.0 (Unit : 1,00 Benefit 0.0 8,309.0 8,651.7 9,028.7 9,443.3 9,899.5 10,401.2 10,953.1 11,560.3 12,228.1	50,881 3 00 Takn) Net Benefit -86,207 7,925 8,268 8,645 9,059 9,515 10,017 10,569 11,176 11,844	Yee	0 Upu Nar Ler Uni Ber Uni 1 2 3 4 5 6 7 7 8 9 9 0	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 F 46,771 7.0 496.0 3,619.0 Cost Cost Cost 0 190 190 190 190 190 190 190 190 190	384 % H Benefit St RAMPUR Sm O&M Cost 10.00 % Total 46,771 190 190 190 190 190 190 190 19	29,744.8 ream No. 190.4 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0 5,312.9 5,794.6 6,324.4 6,907.3 7,548.4 8,253.6	29,361 4 0 Taka) Net Benefi -46,771 3,922 4,287 4,685 5,122 5,604 6,134 6,134 6,713 5,604 6,134 6,713 5,8063
19 20 Year 1 2 3 4 5 6 7 8 9	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T A Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost 0 384 384 384 384 384 384 384 384	448 6 I Benefit S RAMPUR Cm 0&M Cost 10.00 2 Total 86,207 384 384 384 384 384 384 384 384 384 384	51,328.9 Stream No. 384.0 (Unit : 1,00 Benefit 0.0 8,309.0 8,651.7 9,028.7 9,443.3 9,899.5 10,401.2 10,953.1 11,560.3	50,881 3 10 Taka) Net Benefit -86,207 7,925 8,268 8,645 9,059 9,515 10,017 10,569 11,176 11,844 12,579	Yee	0 Upa Nas Ler Cos Uni Bet Uni Bet 1 2 3 4 4 5 5 6 6 7 8 9 9 0 1	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 F 46,771 7.0 496.0 3,619.0 Cost Cost Cost Cost 0 190 190 190 190 190 190 190	384 % H Benefit St RAMPUR Cm 0&M Cost 10.00 % Total 46,771 190 190 190 190 190 190 190 19	29,744.8 ream No. 190.4 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0 5,312.9 5,794.6 6,324.4 6,907.3 7,548.4	29,361 4 0 Taka) Net Beuefi -46,771 3,925 4,287 4,685 5,122 5,604 6,134 6,134 6,134 6,134 6,134 6,137 8,063 8,063 8,069 8,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,000 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069 2,069
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19 20 Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T Construction Cost 86,207	448 17 5 Cost and ANCHAH FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost 0 384 384 384 384 384 384 384 384	448 6 I Benefit S CAMPUR Cm O&M Cost 10.00 2 Total 86,207 384 384 384 384 384 384 384 384 384 384	51,328.9 Stream No. 384.0 (Unit : 1,00 Benefit 0.0 8,309.0 8,651.7 9,028.7 9,443.3 9,899.5 10,401.2 10,953.1 11,560.3 12,228.1 12,962.7 13,770.8 14,659.6 15,637.4	50,881 3 Net Benefit -86,207 7,925 8,268 8,645 9,059 9,515 10,017 10,569 11,176 11,844 12,579 13,387 14,276 15,253		0 Upu Nar Len Uni Ber Uni Ber Uni 2 3 4 4 5 6 6 7 7 8 8 9 0 0 1 1 2 2 3 4	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 I 46,771 7.0 496.0 3,619.0 Cost 0 200 190 190 190 190 190 190 190 190 190 1	384 % H Benefit St RAMPUR Sm 0&M Cost 10.00 % Total 46,771 190 190 190 190 190 190 190 19	29,744.8 ream No. 190.4 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0 5,312.9 5,794.6 6,324.4 6,907.3 7,548.4 8,253.6 9,029.4 9,882.8 10,821.4 11,854.0	29,361 4 0 Taka) Net Beuefi -46,771 3,925 4,283 4,683 5,122 5,604 6,134 6,717 7,358 8,063 8,835 9,692 10,631 11,664
19 20 Year 1 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14 13 14 15	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 F 86,207 20.0 4,882.0 3,427.0 Cost O&M Cost 0 384 384 384 384 384 384 384 384	448 6 1 Benefit S 2AMPUR 6 10.00 2 10.00 2 10.00 2 7 10.00 2 10.00 2 1	51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,328.9 51,401.2 51,503.3 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,20,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503.5 51,503	50,881 3 00 Takn) Net Benefit -86,207 7,925 8,268 8,645 9,059 9,515 10,017 10,569 11,176 11,844 12,579 13,387 14,276 15,253 16,329	2 Yes	0 UpA Nar Lex Coor Ber Uni Ber Uni Ber ( 1 1 2 3 3 4 4 5 5 6 6 7 7 8 9 9 0 0 1 2 3 3 4 5	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 I 46,771 7.0 496.0 3,619.0 Cost Cost Cost Cost Cost Cost Cost Cost	384 % H Benefit St RAMPUR Gm <u>O&amp;M Cost</u> 10.00 % Total 46,771 190 190 190 190 190 190 190 19	29,744.8 ream No. 190.4 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0 5,794.6 6,324.4 6,907.3 7,548.4 8,253.6 9,029.4 9,882.8 10,821.4 11,854.0 12,989.8	29,361 29,361 4 0 Taka) Net Benefi -46,771 3,925 4,287 4,687 5,604 6,134 6,715 8,063 8,835 9,697 10,631 11,666 12,795
19 20 Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 F 86,207 20.0 4,882.0 3,427.0 Cost Cost Cost Cost 0 384 384 384 384 384 384 384 384	448 6 1 Benefit S RAMPUR Im O&M Cost 10.00 % Total 86,207 384 384 384 384 384 384 384 384 384 384	51,328.9 51,328.9 5tream No. 384.0 6 (Unit : 1,00 8,309.0 8,651.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 10,953.1 11,560.3 12,228.1 12,962.7 13,770.8 14,659.6 15,637.4 16,712.9 17,896.0	50,881 3 10 Taka) Net Benefit -86,207 7,925 8,268 8,645 9,059 9,515 10,017 10,569 11,176 11,844 12,579 13,387 14,276 15,253 16,329 17,512		0 Upu Nau Ler Coor Uni Ber Uni Ber ( 1 2 3 3 4 5 5 6 6 7 8 9 9 0 1 1 2 3 4 4 5 5 6	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7.5 Cost and ANCHA RR-1 11.2 F 46,771 7.0 496.0 3,319.0 Cost 0 8,00 190 190 190 190 190 190 190 190 190 1	384 6 1 Benefit St RAMPUR 5 0 & M Cost 10.00 % 7 otal 46,771 190 190 190 190 190 190 190 19	29,744.8 ream No. 190.4 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0 5,794.6 6,324.4 6,907.3 7,548.4 8,253.6 9,029.4 9,882.8 10,821.4 11,854.0 12,989.8 14,239.1	29,361 29,361 4 0 Taka) Net Benefi -46,771 3,925 4,287 4,683 5,122 5,604 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,134 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,144 6,
19 20 Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 14 15 16 6 17	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 F 86,207 20.0 4,882.0 3,427.0 Cost Cost Cost 0 384 384 384 384 384 384 384 384	448 6 1 Benefit S RAMPUR Im 0.32M Cost 10.00 9 Total 700 9 700 9 86,207 384 384 384 384 384 384 384 384 384 384	51,328.9 Stream No. 384.0 6 (Unit : 1,00 Benefit 0.0 8,309.0 8,651.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 9,028.7 11,560.3 12,962.7 13,770.8 14,659.6 15,637.4 16,712.9 17,896.0 19,197.4	50,881 3 10 Take) Net Benefit -86,207 7,925 8,268 8,645 9,059 9,515 10,017 10,569 11,176 11,844 12,579 13,387 14,276 15,253 16,329 17,512 18,813		0 Upa Nau Ler Coor Ber Uni Ber Uni Ber ( ( ( ( ) 1 2 2 3 4 4 5 5 6 6 7	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 I 46,771 7.0 496.0 3,619.0 Cost Cost Cost Cost Cost Cost Cost Cost	384 % H Benefit St RAMPUR Gm <u>O&amp;M Cost</u> 10.00 % Total 46,771 190 190 190 190 190 190 190 19	29,744.8 ream No. 190.4 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0 5,794.6 6,324.4 6,907.3 7,548.4 8,253.6 9,029.4 9,882.8 10,821.4 11,854.0 12,989.8	<u>4</u>
19 20 Year 1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18 19	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost O&M Cost 0 384 384 384 384 384 384 384 384	448 6 1 Benefit S 2AMPUR 5m 0.22M Cost 10.00 9 10.00 9 7001 384 384 384 384 384 384 384 384 384 384	51,328.9 Stream No. 384.0 (Unit : 1,00 Benefit 0.0 8,309.0 8,651.7 9,028.7 9,443.3 9,899.5 10,401.2 10,953.1 11,560.3 12,228.1 12,962.7 13,770.8 14,659.6 15,637.4 16,712.9 17,896.0 19,197.4 20,629.0 22,203.7	50,881 3 0 Takn) Net Benefit -86,207 7,925 8,268 8,645 9,059 9,515 10,017 10,569 11,176 11,844 12,579 13,387 14,276 15,253 16,329 17,512 18,813 20,245 21,820	2 Yee	0 Upu Nar Len Uni Ber Uni Ber Uni 2 3 4 4 5 6 6 7 8 9 9 0 1 1 2 3 4 4 5 6 6 7 8 9 9	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 I 46,771 7.0 496.0 3,619.0 Cost 0 200 190 190 190 190 190 190 190 190 190 1	384 % H Benefit St RAMPUR (m 0&M Cost 10.00 9 70tal 46,771 190 190 190 190 190 190 190 19	29,744.8 ream No. 190.4 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0 4,476.9 4,875.0 5,794.6 6,324.4 6,907.3 7,548.4 8,253.6 9,029.4 9,882.8 10,821.4 11,854.0 12,989.8 14,239.1 15,613.5 17,125.2 18,788.1	29,361 4 0 Taka) Net Beaefit 3,925 4,287 4,685 5,122 5,604 6,134 6,717 7,358 8,063 8,839 9,692 10,631 11,664 12,799 14,045 15,422 16,935 18,598
19 20 Year 1 2 3 4 5 6 7 8 9 10 11 12 2 13 14 15 16 17 18	Upazila BA Name of Road Leugth of Road Cost Unit C&M Cost Benefit T Construction Cost 86,207	448 17 5 Cost and ANCHAI FB-3 19.2 k 86,207 20.0 4,882.0 3,427.0 Cost Cost Cost 0 384 384 384 384 384 384 384 384	448 6 I Benefit S RAMPUR Im 022M Cost 10.00 9 Total Total 86,207 384 384 384 384 384 384 384 384 384 384	51,328.9 Stream No. 384.0 6 (Unit : 1,00 8,309.0 8,651.7 9,028.7 9,443.3 9,899.5 10,401.2 10,953.1 11,560.3 12,228.1 12,962.7 13,770.8 14,659.6 15,637.4 16,712.9 17,896.0 19,197.4 20,629.0	50,881 3 10 Takn) Net Benefit -86,207 7,925 8,268 8,645 9,059 9,515 10,017 10,569 11,176 11,844 12,579 13,387 14,276 15,253 16,329 17,512 18,813 20,245	2 Yee	0 Upu Nar Len Uni Ber Uni Ber Uni 2 3 4 4 5 6 6 7 8 9 9 0 1 1 2 3 4 4 5 6 6 7 8 9 9	azila B/ me of Road 1 ngth of Road 1 it O&M Cost uefit T A Construction 1 Cost 1	384 7 : 5 Cost and ANCHA RR-1 11.2 I 46,771 7.0 496.0 3,619.0 Cost Cost Cost Cost Cost Cost 0 190 190 190 190 190 190 190 190 190 1	384 % d Benefit St RAMPUR Gran 0&M Cost 10.00 % 70tal 46,771 190 190 190 190 190 190 190 19	29,744.8 ream No. 190.4 (Unit : 1,00 Benefit 0.0 4,115.0 4,476.9 4,875.0 5,312.9 5,794.6 6,324.4 6,907.3 7,548.4 8,253.6 9,029.4 9,882.8 10,821.4 11,854.0 12,989.8 14,239.1 15,613.5 17,125.2	29,361 4 4 0 Taka) Net Beuefit 3,925 4,287 4,685 5,122 5,604 6,134 6,717 7,358 8,063 8,839 9,692 10,631 11,664 12,799 14,045 15,422 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,935 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,955 16,95

Table G.1.13 Calculation Table for IRR (Bancharampur Upazila) (1/6)

		Cost and	i Benefit S	tream			1994) 1994)	Cost an	d Benefit St	ream	
	Upazila B	ANCHA	RAMPUR	No.	5		Upezila H	BANCHA	RAMPUR	No.	6
	•	RR-2					Name of Road	÷	111		
	Length of Road	11.21	(m				Length of Road		Km	1. N. N.	
		1						19,456	t dage e	19	
	Cost	56,374					Cost		OBMCon	108.8	
•	Unit O&M Cost		O&M Cost	190.4	11 A.		Unit O&M Cos		O&M Cost	100.0	
· .	Benefit T	195.0	10.00 %				Benefit 7		10.00 9	6	
· .	<b>A</b>	1,494.0	10.00 Å	(Unit : 1,00	00 Taka)			<u> </u>		(Unit : 1,00	0 Taka)
<u> </u>		Cost				1		Cost		·····	
Year	Construction Cost		Total	Benefit	Net Benefit	Yes	r Construction Cost	O&M Cost	Total	Benefit	Net Benei
1	56,374	0	56,374	0.0	-56,374			0	19,456	0.0	-19,4
2		190	190	1,689.0	1,499			109	109	822.0 897.4	71
3 4		190 190	190 190	1,838.4 2,002.7	1,648 1,812			109	109	980.3	87
: 5	1	190	190	2,002.7	I,993			109	109	1,071.6	90
6		190	190	2,382.4	2,192		5	109	109	1,171.9	1,00
7	2.1	190	190	2,601.1	2,411			109 109	109	1,282.3	1,1 1,29
8 9		190 190	190 190	2,841.7	2,651 2,916		) )	109	109	1,537.3	1,42
: 10	¹	190	190	3,397.5	3,207			109	109	1,684.3	1,5
, II		190	190	3,717.8	3,527	1		109	109	1,845.9	1,7
12		190	190	4,070.1	3,880			109 109	109 109	2,023.7 2,219.2	1,9
13 14		190 190	190 190	4,457.6 4,883.8	4,267 4,693			109	109	2,434.4	2,3
14		190	190	5,352.7	5,162	···i		109	109	2,671.0	2,5
16	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	190	190	5,868.5	5,678			109	109	2,931.3	2,8
17		190	190	6,435.8	6,245			109 109	109	3,217.6 3,532.6	3,10 3,4
18	:	190	190 190	7,059.9	6,869 7,556			109	109	3,879.1	3,71
20		190	: 190	8,501.5	8,311			109	109	4,260.2	4,1
							100		%		100 B
	IRR =	2 9	<i>b</i>		· · ·		IRR =		~~~~~~	**************************************	
	IRR ⇒	2 5	<i>i</i> e		· · ·		IKK =	• •	~~~~~		·····
	IRR =		» i Benefit S	tream			IKK ==	· · · · · · · · · · · · · · · · · · ·	nd Benefit St	ream	
		Cost and	·····	trean No.	7		Upszila I	Cost an BANCHA		ream No.	8
	Upazila B Name of Road	Cost and ANCHAI RR-4	l Benefit S RAMPUR	1.1	7		Upazila I Name of Road	Cost an BANCHA RR-5	id Benefit St RAMPUR		8
	Upazila B	Cost and ANCHAI RR-4 8.0 I	l Benefit S RAMPUR	1.1	<u>7</u>		Upazila I Name of Road Length of Road	Cost an BANCHA RR-S 1 8.0	id Benefit St RAMPUR		8
	Upazila B Name of Road	Cost and ANCHAI RR-4	l Benefit S RAMPUR	1.1	<u>7</u>		Upazila I Name of Road Length of Road Cost	Cost an BANCHA RR-5 1 8.0 21,667	id Benefit St IRAMPUR Km	No.	8
	Upazila B Name of Road Length of Road	Cost and ANCHAI RR-4 8.0 H 29,515	l Benefit S RAMPUR	No.	<u>1</u>		Upazila I Name of Road Length of Road	Cost an BANCHA RR-5 1 8.0 21,667 at 17.9	id Benefit St RAMPUR		8
	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T	Cost and ANCHAI RR-4 29,515 17.0 69.0	J Benefit S RAMPUR (m O&M Cost	No. 136.0	7		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1	Cost an BANCHA RR-5 1 8.0 21,667 17.0 1 133.0	id Benefit St RAMPUR Km <u>O&amp;M Cost</u>	No. 136.0	8
	Upazila B Name of Road Length of Road Cost Unit O&M Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0	j Benefit S RAMPUR (m	<u>No.</u> 136.0			Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1	Cost an BANCHA RR-5 1 8.0 21,667 at 17.9	id Benefit St IRAMPUR Km	No. 136.0	
	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T	Cost and ANCHAI RR-4 29,515 17.0 69.0 499.0	J Benefit S RAMPUR (m O&M Cost	No. 136.0			Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1	Cost an BANCHA RR-5 1 8.0 21,667 a 17.0 1 133.0 1,290.0	id Benefit St RAMPUR Km <u>O&amp;M Cost</u>	No. 136.0	
-	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A	Cost and ANCHAI RR-4 29,515 17.0 69.0 499.0 Cost	J Benefit S RAMPUR (m <u>O&amp;M Cost</u> 10.00 %	No. 136.0 (Unit : 1,00	20 Taka)	Yes	Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1	Cost an BANCHA RR-5 1 8.0 21,667 at 17.0 F 133.0 A 1,290.0 Cost	id Benefit St RAMPUR Km <u>O&amp;M Cost</u>	No. 136.0	0 Taka)
	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T	Cost and ANCHAI RR-4 29,515 17.0 69.0 499.0 Cost	J Benefit S RAMPUR (m O&M Cost	<u>No.</u> 136.0		Yes	Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 7	Cost an BANCHA RR-5 1 8.0 21,667 at 17.0 F 133.0 A 1,290.0 Cost	id Benefit St LRAMPUR Km <u>O&amp;M Cost</u> 10.00 9	<u>No.</u> 136.0 6 (Unit : 1,00	
Year	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 499.0 Cost Cost Cost	J Benefit S RAMPUR (m O&M Cost 	<u>No.</u> 136.0 (Unit : 1,00 Benefit	20 Taka) Net Benefit		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 7 Construction Cost	Cost an BANCHA RR-5 1 8.0 21,667 at 17.0 r 133.0 t 1,290.0 Cost cost cost	id Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 9 Total	<u>No.</u> 136.0 (Unit : 1,00 Benefit	0 Taka) Net Bene
Ycar	Upezila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	Cost and ANCHAI RR-4 29,515 17.0 69.0 499.0 Cost Cost Cost Cost Cost Cost	d Benefit S RAMPUR (m 0&M Cost 10.00 % Total 29,515	<u>No.</u> 136.0 (Unit : 1,00 Benefit 0.0	20 Taka)		Upazila H Name of Road Length of Road Cost Unit O&M Cos Beacfit 1 Z Construction Cost	Cost an BANCHA RR-5 1 8.0 21,667 a 17.0 F 133.0 A 1,290.0 Cost 1 O&M	id Benefit St LRAMPUR Km <u>O&amp;M Cost</u> 10.00 9	<u>No.</u> 136.0 6 (Unit : 1,00	0 Taka) Net Bene -21,6 1,21
Ycar 1 2 3	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 459:0 Cost Cost Cost Cost Cost Cost Cost Cost	1 Benefit S RAMPUR (m 0&M Cost 10.00 % Total 29,515 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9	20 Taka) Net Benefit -29,515 432 482		Upazila H Name of Road Length of Road Cost Unit O&M Cos Benefit 1 7 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 31 17.0 F 133.0 A 1,290.0 Cost 1 0&M Cost 1 0&M Cost 1 0&M Cost 1 0&M Cost 1 36 1 36	td Benefit St RAMPUR Km <u>0&amp;M Cost</u> 10.00 9 Total 21,667 136 136	No. 136.0 6 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0	0 Taka) Net Bene -21,6 1,2 1,4
Year 1 2 3 4	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 459:0 Cost Cost Cost Cost 0 136 136 136	J Benefit S RAMPUR (m 0&M Cost 10.00 % Total 29,515 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8	20 Taka) Net Benefit -29,515 432 482 537		Upazila H Name of Road Length of Road Cost Unit O&M Cos Beaefit 1 7 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 at 17.0 F 133.0 Cost Cost Cost Cost Cost Cost Cost Cost	Id Benefit St RAMPUR Km <u>0&amp;M Cost</u> 10.00 9 Total 21,667 136 136 136	No. 136.0 6 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,693.9	0 Taka) Net Bene -21,6 1,21 1,4 1,5
Year 1 2 3 4 5	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 499.0 Cost Cost Cost Cost 0 136 136 136 136	I Benefit S RAMPUR (m 0&M Cost 10.00 % Total 29,515 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 733.2	00 Taka) Net Benefit -29,515 432 482 537 597		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 at 17.0 r 133.0 t 1,290.0 r 133.0 t 0&M Cost 0 136 136 136 136 136	id Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 9 Total 21,667 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,693.9 1,850.0	0 Taka) Net Bene -21,6 1,2 1,4 1,5 1,7
Year 1 2 3 4 5 6	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 499.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit S RAMPUR (m 0&M Cost 10.00 % Total 29,515 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 733.2 799.6	20 Taka) Net Benefit -29,515 432 482 537		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 7 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 at 17.0 F 133.0 Cost Cost Cost Cost Cost Cost Cost Cost	Id Benefit St RAMPUR Km <u>0&amp;M Cost</u> 10.00 9 Total 21,667 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,693.9 1,850.0 2,021.7 2,210.6	0 Taka) Net Bene -21,6 1,2 1,4 1,5 1,7 1,8 2,0
Year 1 2 3 4 5	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 499.0 Cost Cost Cost Cost 0 136 136 136 136	I Benefit S RAMPUR (m 0&M Cost 10.00 % Total 29,515 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 733.2 799.6 872.6 953.0	00 Taka) Net Benefit -29,515 432 432 537 597 664 737 817		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 at 17.0 Cost 133.0 Cost Cost Cost Cost 0 136 136 136 136 136 136 136 136	td Benefit St RAMPUR Km <u>0&amp;M Cost</u> 10.00 9 Total 21,667 136 136 136 136 136 136	No. 136.0 6 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,693.9 1,850.0 2,021.7 2,210.6 2,418.3	0 Taka) Net Bene -21,6 1,21 1,4 1,5 1,7 1,8 2,0 2,2
Ycar 1 2 3 4 5 6 7 8 9	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 459.0 Cost Cost Cost Cost Cost 0 136 136 136 136 136 136 136	I Benefit S RAMPUR (m 0&M Cost 10.00 % Total 29,515 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 733.2 799.6 872.6 953.0 1,041.4	20 Taka) Net Benefit -29,515 432 432 537 597 664 737 817 905		Upazila I Name of Road Length of Road Cost Unit O&M Cos Beaefit 1 2 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 1 17.0 1 133.0 1 136 1 36 1 36 1 36 1 36 1 36 1 36 1 3	Id Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 9 Total 21,667 136 136 136 136 136 136 136 136	No. 136.0 6 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,552.0 1,552.0 1,553.9 1,850.0 2,021.7 2,210.6 2,418.3 2,646.8	0 Taka) Net Bene -21,6 1,22 1,4 1,5 1,7 1,8 2,0 2,2 2,5
Ycar 1 2 3 4 5 6 7 8 9 10	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 499:0 Cost O&M Cost 0 136 136 136 136 136 136 136 136 136 136	d Benefit S RAMPUR (m 0&M Cost 10.00 % 10.00 % 70tal 29,515 136 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 733.2 799.6 872.6 953.0 1,041.4 1,138.7	00 Taka) Net Benefit -29,515 432 482 537 597 664 737 817 905 1,003		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 at 17.0 r 133.0 r 133.0 r 133.0 r 133.0 r 133.0 r 136 136 136 136 136 136 136 136 136 136	id Benefit St IRAMPUR Km <u>O&amp;M Cost</u> 10.00 9 Total 21,667 136 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,552.0 1,552.0 2,021.7 2,210.6 2,418.3 2,646.8 2,898.2	0 Taka) Net Benc -21,6 1,2 1,4 1,5 1,7 1,8 2,0 2,2 2,5 2,7
Year 1 2 3 3 4 5 6 7 7 8 9 9 10	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 499.0 Cost Cost Cost Cost Cost Cost Cost Cost	I Benefit S RAMPUR Cm 0&M Cost 10.00 % Total 29,515 136 136 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 739.6 8733.2 799.6 872.6 953.0 1,041.4 1,138.7 1,245.6	00 Taka) Net Benefit -29,515 432 482 537 664 737 817 905 1,003 1,110		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 7 7 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 1 133.0 1 133.0 1 133.0 Cost 1 0&M Cost 1 0&M Cost 1 366 1 366	Id Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 9 Total 21,667 136 136 136 136 136 136 136 136	No. 136.0 6 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,552.0 1,552.0 1,553.9 1,850.0 2,021.7 2,210.6 2,418.3 2,646.8	0 Taka) Net Bene -21,6 1,2 1,4 1,5 1,7 1,8 2,0 2,2 2,5 2,7 3,0 3,3
Year 1 2 3 4 4 5 6 6 7 8 9 9 10 11 12	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 499:0 Cost O&M Cost 0 136 136 136 136 136 136 136 136 136 136	d Benefit S RAMPUR (m 0&M Cost 10.00 % 10.00 % 70tal 29,515 136 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 733.2 799.6 872.6 953.0 1,041.4 1,138.7	00 Taka) Net Benefit -29,515 432 482 537 597 664 737 817 905 1,003		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 at 17.0 Cost 1 0&M Cost Cost Cost 0 1366 1366 1366 1366 1366 1366 1366 13	Id Benefit St RAMPUR Km O&M Cost 10.00 9 Total 21,667 136 136 136 136 136 136 136 136 136 136	No. 136.0 6 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,693.9 1,850.0 2,021.7 2,210.6 2,418.3 2,646.8 2,898.2 3,174.8 3,478.9 3,813.5	0 Taka) Net Bene -21,6 1,2 1,4 1,5 1,7 1,8 2,0 2,2 2,5 2,7 3,0 3,3 3,6
Ycar 1 2 3 4 5 6 7 8 9 10 11 12 13 14 14	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 499:0 Cost O&M Cost 0 136 136 136 136 136 136 136 136 136 136	I Benefit S RAMPUR (m 0&M Cost 10.00 % 70tal 29,515 136 136 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 733.2 799.6 872.6 953.0 1,041.4 1,138.7 1,245.6 1,363.3 1,492.7 1,635.1	20 Taka) Net Benefit -29,515 432 432 537 597 664 737 817 905 1,003 1,110 1,227 1,357 1,499		Upazila I Name of Road Length of Road Cost Unit O&M Cos Beaefit 1 7 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 1 17.0 1 133.0 1 133.0 1 136 1 36 1 36 1 36 1 36 1 36 1 36 1 3	Id Benefit St RAMPUR Km O&M Cost 10.00 9 Total 21,667 136 136 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,552.0 1,553.9 1,850.0 2,021.7 2,210.6 2,418.3 2,646.8 2,898.2 3,174.8 3,478.9 3,813.5 4,181.6	0 Taka) Net Benc -21,6 1,2 1,4 1,5 1,7 1,8 2,0 2,2 2,5 2,7 3,0 3,3 3,6 4,0
Year 1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 14 15 14 15 16 10 10 10 10 10 10 10 10 10 10	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 499.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit S RAMPUR (m 0&M Cost 10.00 % Total 29,515 136 136 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 733.2 799.6 873.6 953.0 1,041.4 1,138.7 1,245.6 1,363.3 1,492.7 1,635.1 1,791.7	00 Taka) Net Benefit -29,515 432 432 537 597 664 737 817 905 1,003 1,110 1,227 1,357 1,499 1,656		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 7 Construction Cost 21,667	Cost an RR-5 1 8.0 21,667 1 33.0 1 133.0 1 133.0 1 133.0 1 133.0 1 133.0 1 133.0 1 135.0 1 136 1 136	id Benefit St RAMPUR Km O&M Cost 10.00 9 Total 21,667 136 136 136 136 136 136 136 136 136 136	No. 136.0 6 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552.0 1,552	0 Taka) Net Benc -21,6 1,2 1,4 1,5 1,7 1,8 2,0 2,2 2,5 2,7 3,0 3,3 3,6 4,0 4,4
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 499.0 Cost Cost Cost Cost Cost Cost Cost Cost	I Benefit S RAMPUR Cm 0&M Cost 10.00 % 10.00 % Total 29,515 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 733.2 799.6 872.6 953.0 1,041.4 1,138.7 1,245.6 1,363.3 1,492.7 1,635.1 1,791.7 1,964.0	20 Taka) Net Benefit -29,515 432 482 537 664 737 817 905 1,003 1,110 1,227 1,359 1,499 1,656 1,328		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 1 13.0 1 13.0 Cost 1 0&M Cost 1 0&M Cost 1 366 1 36	id Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 9 Total 21,667 136 136 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,693.9 1,850.0 2,021.7 2,210.6 2,418.3 2,646.8 2,898.2 3,174.8 3,478.9 3,813.5 4,181.6 4,586.4 5,031.8	0 Taka) Net Bene -21,6 1,2 1,4 1,5 1,7 1,8 2,0 2,2 2,5 2,7 3,0 3,3 3,6 4,0 4,4 4,8
Year 1 2 3 4 5 6 6 7 8 9 9 10 11 12 13 14 15 16 17 17 17 18 19 19 10 11 12 13 14 15 16 16 16 16 16 16 16 16 16 16	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 45900 Cost Cost Cost Cost Cost Cost Cost 136 136 136 136 136 136 136 136 136 136	I Benefit S RAMPUR Cm 0&M Cost 10.00 % 10.00 % Total 29,515 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 739.6 872.6 953.0 1,041.4 1,138.7 1,245.6 1,363.3 1,492.7 1,635.1 1,791.7 1,564.0 2,153.4	00 Taka) Net Benefit -29,515 432 432 537 597 664 737 817 905 1,003 1,110 1,227 1,357 1,499 1,656		Upazila I Name of Road Length of Road Coat Unit O&M Cos Benefit 1 2 Construction Cost 21,667	Cost an RR-5 1 8.0 21,667 1 33.0 1 133.0 1 133.0 1 133.0 1 133.0 1 133.0 1 133.0 1 135.0 1 136 1 136	id Benefit St RAMPUR Km O&M Cost 10.00 9 Total 21,667 136 136 136 136 136 136 136 136 136 136	No. 136.0 6 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,653.9 1,850.0 2,021.7 2,210.6 2,418.3 2,646.8 2,898.2 3,174.8 3,478.9 3,813.5 4,181.6 4,586.4	0 Taka) Net Bene -21,6 1,21 1,4 1,5 1,7 1,8 2,00 2,2 2,5 2,77 3,00 3,3 3,6 4,0 4,4 4,8 5,3 5,9
Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 16	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 399:0 Cost 0 Cost 0 Cost 0 Cost 0 136 136 136 136 136 136 136 136 136 136	Benefit S RAMPUR Cm 0&M Cost 10.00 % Total 29,515 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 733.2 799.6 872.6 953.0 1,041.4 1,138.7 1,245.6 1,363.3 1,492.7 1,635.1 1,791.7 1,964.0 2,153.4 2,361.9 2,591.2	20 Taka) Net Benefit -29,515 432 432 537 597 664 737 817 905 1,003 1,100 1,227 1,357 1,499 1,656 1,328 2,017 2,226 2,455		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 Construction Cost 21,667	Cost an RR-5 1 8.0 21,667 1 33.0 1 133.0 1 133.0 1 133.0 1 133.0 1 133.0 1 135.0 1 136 1 136	id Benefit St IRAMPUR Km O&M Cost 10.00 9 Total 21,667 136 136 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 1,423.0 1,552.0 1,552.0 1,552.0 2,021.7 2,210.6 2,418.3 2,646.8 3,478.9 3,813.5 4,181.6 4,586.4 5,031.8 5,521.7 6,060.5 6,653.3	0 Taka) Net Bene -21,6 1,2 1,4 1,5 1,7 1,8 2,0 2,2 2,5 2,7 3,0 3,3 6 4,0 4,4 4,8 5,9 6,5
Year 1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	Cost and ANCHAI RR-4 29,515 17.0 69.0 45900 Cost Cost Cost Cost Cost 136 136 136 136 136 136 136 136 136 136	I Benefit S RAMPUR (m 0&M Cost 10.00 % 10.00 % Total 29,515 136 136 136 136 136 136 136 136	No. 136.0 (Unit : 1,00 Benefit 0.0 568.0 617.9 672.8 733.2 799.6 872.6 953.0 1,041.4 1,138.7 1,245.6 1,363.3 1,492.7 1,635.1 1,791.7 1,964.0 2,153.4 2,361.9	20 Taka) Net Beacht -29,515 432 432 537 597 664 737 817 905 1,003 1,110 1,227 1,357 1,499 1,656 1,328 2,017 2,226		Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 Construction Cost 21,667	Cost an BANCHA RR-5 1 8.0 21,667 at 17.0 Cost 1 0&M Cost Cost Cost Cost Cost Cost 1 0&M Cost 1 366 1 3	Id Benefit St IRAMPUR Km O&M Cost 10.00 9 Total 21,667 136 136 136 136 136 136 136 136 136 136	No. 136.0 6 (Unit : 1,000 Benefit 0.0 1,423.0 1,552.0 1,693.9 1,850.0 2,021.7 2,210.6 2,418.3 2,646.8 2,898.2 3,174.8 3,478.9 3,813.5 4,181.6 4,586.4 5,521.7 6,060.5	0 Taka) Net Bene -21,6 1,2 1,4 1,5 1,7 1,8 2,0 2,2 2,5 2,7 3,0 0 3,3 3,6 4,0 4,4 4,8 5,3 5,9

# Table G.1.13 Calculation Table for IRR (Bancharampur Upazila) (2/6)

(Bancharampur Upazila) (3/6) Cost and Benefit Stream Cost and Benefit Stream		
	am	
Upazila BANCHARAMPUR No. 9 Upazila BANCHARAMPUR	No. 10	
Name of Road RR-6 Length of Road 8.0 Km Length of Road 12.8 Km		
Cost 30,902 Cost 34,763		
Unit O&M Cost         17.0         O&M Cost         136.0         Unit O&M Cost         17.0         O&M Cost           Benefit         T         206.0         Benefit         T         375.0	217.6	
A 1,468.0 10.00 %	Unit : 1,000 Taka	8)
Cost Cost		
	Benefit Net	t Benefi
1 30,902 0 30,902 0.0 -30,902 1 34,763 0 34,763		-34,76
	2,263.0	2,04 2,23
3         136         136         1,820.8         1,685         3         218         218           4         136         136         1,982.3         1,846         4         218         218	2,659.5	2,44
5 136 136 2,159.9 2,024 5 218 218	2,887.9	2,67
6 136 136 2,355.3 2,219 6 218 218	3,139.2	2,92
7 136 136 2,570.2 2,434 7 218 218	3,415.6	3,19
8 136 136 2,806.7 2,671 8 218 218	3,719.7	3,50
9 136 136 3,066.7 2,931 9 218 218	4,054.2	3,83
10 136 136 3,352.8 3,217 10 218 218	4,422.1	4,20
11 136 136 3,667.5 3,531 11 218 218	4,826.8	4,60 5,05
12 136 136 4,013.6 3,878 12 218 218	5,272.0	5,05
	5,761.7 6,300.4	6,08
	6,892.9	6,67.
15         136         136         5,273.9         5,138         15         218         218           16         136         136         5,780.7         5,645         16         218         218	7,544.7	7,32
10 100 100 0,000 0,000 1 10 200 200 200		8,04
	8.261.6	
17 136 136 6,338.2 6,202 17 218 218	8,261.6 9,050.3	8,83
17         136         136         6,338.2         6,202         17         218         218           18         136         136         6,951.4         6,815         18         218         218	8,261.6 9,050.3 9,917.8	8,83: 9,70
17         136         136         6,338.2         6,202         17         218         218           18         136         136         6,951.4         6,815         18         218         218           19         136         136         7,626.0         7,490         19         218         218	9,050.3	
17         136         136         6,338.2         6,202         17         218         218           18         136         136         6,951.4         6,815         18         218         218           19         136         136         7,626.0         7,490         19         218         218	9,050.3 9,917.8	9,70
17         136         136         6,338.2         6,202         17         218         218           18         136         136         6,951.4         6,815         18         218         218           19         136         136         7,626.0         7,490         19         218         218           20         136         136         8,368.0         8,232         20         218         218	9,050.3 9,917.8 10,872.1	9,70
17       136       136       6,338.2       6,202       17       218       218         18       136       136       6,951.4       6,815       18       218       218         19       136       136       7,626.0       7,490       19       218       218         20       136       136       8,368.0       8,232       20       218       218       18         IRR =       8 %         Cost and Benefit Stream         Upazila       BANCHARAMPUR       No. 11       Upazila       BANCHARAMPUR       Upazila       BANCHARAMPUR	9,050.3 9,917.8 10,872.1	9,70
17       136       136       6,338.2       6,202       17       218       218         18       136       136       6,951.4       6,815       18       218       218         19       136       136       7,626.0       7,490       19       218       218         20       136       136       8,368.0       8,232       20       218       218       18         IRR =       8 %         Cost and Benefit Stream         Upazila       BANCHARAMPUR       No.       11         Name of Road       RR-8       Length of Road       8.0 Km       Km       Length of Road       19.2 Km	9,050.3 9,917.3 10,872.1	9,70
17       136       136       6,338.2       6,202       17       218       218         18       136       136       6,951.4       6,815       18       218       218         19       136       136       7,626.0       7,490       19       218       218         20       136       136       8,368.0       8,232       20       218       218       18         IRR =       8 %         Cost and Benefit Stream         Upazila       BANCHARAMPUR       No.       11         Name of Road       RR-8       Length of Road       8.0 Km       Cost       25,306       25,306       Cost       71,180	9,050.3 9,917.3 10,872.1	9,70
17       136       136       6,338.2       6,202       17       218       218         18       136       136       6,951.4       6,815       18       218       218       218         19       136       136       7,626.0       7,490       19       218       218       218         20       136       136       8,368.0       8,232       20       218       218       11         IRR =       8 %         Cost and Benefit Stream         Upazila       BANCHARAMPUR       No.       11         Name of Road       RR-8       19       Length of Road       8.0 Km         Cost       25,306       17.0       0&M Cost       136.0       136.0       Unit 0&M Cost       17.0       0&M Cost       17.0       0&M Cost       17.0       0       0       0.4M Cost       17.0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0	9,050.3 9,917.3 10,872.1 ram No. 12	9,70
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	9,050.3 9,917.3 10,872.1 ram No. 12	9,70
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	9,050.3 9,917.3 10,872.1 2011 2011 2011 2012 2012 2013 2013 201	9,70 10,65
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	9,050.3 9,917.3 10,872.1 2007 2007 2007 2007 2007 2007 2007 200	9,700 10,65
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	9,050.3 9,917.3 10,872.1 2007 2007 2007 2007 2007 2007 2007 200	9,700 10,65 
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	9,050.3 9,917.3 10,872.1 Pann No. 12 326.4 Unit : 1,000 Taka Benefit Net 0.0 4,470.0 4,816.9	9,700 10,65 
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	9,050.3 9,917.3 10,872.1 	9,700 10,65 
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	9,050.3 9,917.3 10,872.1 2011 2011 2011 2011 2012 2012 2013 2014 2014 2014 2014 2014 2014 2014 2014	9,700 10,65 
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 am No. 12 326.4 Unit : 1,000 Teka Benefit Net 0.0 4,470.0 4,816.9 5,198.5 5,618.2 6,080.0	9,700 10,65 
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 2011 2011 2011 2011 2011 2011 2011 2	a) -71,188 -71,188 4,144 4,499 4,877 5,755 6,26
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 	a) -71,184 -71,184 4,144 4,87 5,299 5,75- 6,266 6,824
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 am No. 12 326.4 Unit : 1,000 Taka Benefit Net 0.0 4,470.0 4,470.0 4,816.9 5,193.5 5,618.2 6,080.0 6,587.9 7,146.5 7,761.1	a) -71,18 4,14 4,14 4,49 4,87 5,29 5,75 6,82 6,82 6,82 7,43
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 	a) 4 Benefi -71,184 4,144 4,49 4,87 5,29 5,75 6,26 6,82 7,43 8,11
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	9,050.3 9,917.3 10,872.1 am No. 12 326.4 Unit : 1,000 Teka Benefit Net 0.0 4,470.0 4,816.9 5,193.5 5,618.2 6,080.0 6,587.9 7,146.5 7,761.1 8,437.1 9,180.7	a) -71,188 4,144 4,49 4,877 5,75- 6,26 6,820 7,433 8,11 8,85-
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 	a) -71,180 -71,180 -71,180 4,144 4,499 4,877 5,292 5,756 6,820 7,433 8,855 9,672
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 *am No. 12 326.4 Unit : 1,000 Teka Benefit Net 0.0 4,470.0 4,816.9 5,198.5 5,618.2 6,080.0 6,587.9 7,146.5 7,761.1 8,437.1 9,180.7 9,998.7	a) -71,188 4,144 4,49 4,877 5,75- 6,26 6,820 7,433 8,11 8,85-
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 am No. 12 326.4 Unit : 1,000 Taka Benefit Net 0.0 4,470.0 4,816.9 5,198.5 5,618.2 6,080.0 6,587.9 7,146.5 7,761.1 8,437.1 9,190.7 9,998.7 10,898.5	9,700 10,65 
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 	a) -71,18 4,14 4,14 4,49 -71,18 4,14 4,49 -75,29 5,75 6,26 6,82 7,43 8,11 8,85 9,67 10,56
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 	9,700 10,65 
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 am No. 12 326.4 Unit : 1,000 Teka Benefit Net 0.0 4,470.0 4,816.9 5,193.5 5,618.2 6,080.0 6,587.9 7,146.5 7,761.1 8,437.1 9,180.7 9,998.7 11,888.2 12,976.9 14,174.5	9,700 10,65 
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 	a) -71,180 -71,180 -71,180 4,144 4,499 4,144 4,499 5,299 5,75- 6,26 6,820 7,433 8,11 8,85- 9,677 10,577 11,566 12,655 13,844 15,166 16,611 18,200
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	9,050.3 9,917.3 10,872.1 	9,700 10,65 

#### Table G.1.13 Calculation Table for IRR (Baucharampur Upazila) (3/6)

,	- -		(	haramp					and a sheet of the	e estra en la compañía de la compañía	1. 1. A.	- 1
		Cost an	d Benefit S	tream					Cost an	d Benefit St	ream	
		ANOUA	RAMPUR	No.	13			Upazila B	ANCHA	RAMFUR	No.	[4] · · · ·
			WANT ON		<u></u>			Name of Road				<u> </u>
-	Name of Road	RR-10			1.1.1	( [		Length of Road	6.4 1	£	a the second	
	Length of Rosd	9.6	Km	· · ·				Length of Kobo	1.11	<b>1</b> 41		
	Cost	38,579		en di set	e de la composición de			Cost	29,635	a a sa sa sa	an an the	1. 1. A.
	Unit O&M Cos	1 17.0	O&M Cost	163.2	1.1		1	Unit O&M Cost	17.0	O&M Cost	108.8	14 - E
· ·	Benefit 7						T	Benefit T	98.0	1997 - 1995 - 1995 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -		
		1,541.0	10.00 9	<b>.</b>			·	A	1,307.0	10.00 %		· · · · · ·
				(Unit : 1,0	00 Taka)	╏╵┝┉					(Unit : 1,00	
Yçar	Constructio Cost	Cost n O&M Cost	Total	Benefit	Net Benefit		Ycar	Construction Cost	Cost O&M Cost	Total	Benefit	Nel Bene
		Û	38.579	0.0	-38,579	{	1	29,635	0	29,635	0.0	-29,6
1	38,579	163	163	1,794.0	1,631		2		109	109	1,405.0	1.2
3		163	163	1,948.1	1,785		3		109	109	1,535.7	1,42
4	.*	163	163	2,117.6	1,954		4		109	109	1,679.5	1,5
5	en de la seconda de la seco La seconda de la seconda de	163	163	2,304.1	2,141		5	° к. –	109	109	1,837.6	1,72
6	· ·	163	163	2,509.2	2,346		6 7		109	109	2,202.9	2,0
. 7	· · · ·	163	163 163	2,734.8 2,983.0	2,572 2,820		8		109	109	2,413.4	2,3
· . 8 · 9		163 163	163	3,256.0	3,093				109	109	2,645.0	2,5
10		163	163	3,556.3			10	· *	109	109	2,899.7	2,7
- îř		163	163	3,886.6	3,723		11	18 A.	109	109	3,179.8	3,0
12		163	163	4,250.0	4,087		12	· ·	109	109	3,488.0	3.3
13		163	163	4,649.7	4,486		13		109	109	3,827.0 4,199.9	3,7 4,0
14		163	163 163	5,089.3 5,572.9	4,926 5,410		14 15		109	109	4,610.1	4,5
15		163 163	163	5,172.9 6,104.9	5,942		16		109	109	5,061.3	4,9
10		163	163	6,690.1	6,527		17		109	109	5,557.7	5,4
			163	7,333.9	7,171		18	·	109	. 109	6,103.6	5,9
		163	105					and the second	100	100	6 704 2	5 5
18 19		163	163	8,041.9	7,879		19	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	109	109	6,704.2	
- 18	Regional Research						19 20		109	109	7,364.8	
- 18 19	Regional Research	163 163 6	163 163	8,041.9 8,820.8	7,879			IRR #	109	109	7,364.8	6,5 <u>9</u> 7,2 <u>-</u>
- 18 - 19	IRR = Upazila I	163 163 6 Cost an	163 163 %	8,041.9 8,820.8 tream	7,879		20		109 7 9 Cost and ANCHA	109	7,364.8 ream	
- 18 - 19	IRR⊐	163 163 6 Cost an BANCHA RR-12	163 163 % d Benefit S RAMPUR	8,041.9 8,820.8 tream	7,879 8,658		20 	Upazila B	109 7 9 Cost and ANCHA	109 % d Benefit St RAMPUR	7,364.8 ream	7,2
18 19 20	IRR = Upazila I Name of Road Length of Road	163 163 6 Cost an BANCHA RR-12 6.4	163 163 % d Benefit S RAMPUR	8,041.9 8,820.8 tream	7,879 8,658		20	Upazila B Name of Road	109 7 9 Cost and ANCHA RR-13	109 % d Benefit St RAMPUR	7,364.8 ream	7,2
18 19 20	IRR = Upazila I Name of Road Length of Road Cost	163 163 6 Cost an BANCHA RR-12 6.4 27,262	163 163 % d Benefit S RAMPUR Km	8,041.9 8,820.8 'tream No.	7,879 8,658		20 	Upazila B Name of Road Length of Road Cost	109 7 9 Cost and ANCHA RR-13 8.0 1 19,468	109 76 d Benefit St RAMPUR Km	7,364.8 ream No.	7,2
18 19 20	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos	163 163 6 Cost an BANCHA RR-12 6.4 27,262 1, 17.0	163 163 % d Benefit S RAMPUR	8,041.9 8,820.8 'tream No.	7,879 8,658		20 	Upazila B Name of Road Length of Road Cost Unit O&M Cost	109 7 1 Cost and ANCHA RR-13 8.0 1 19,468 17.0	109 % d Benefit St RAMPUR	7,364.8 ream	7,2
18 19 20	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1	163 163 6 Cost an BANCHA RR-12 6.4 27,262 1, 17.0 557.0	163 163 % d Benefit S RAMPUR Km O&M Cost	8,041.9 8,820.8 itream No. 108.8	7,879 8,658		20 	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T	109 7 9 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0	109 76 d Benefit St RAMPUR Km O&M Cost	7,364.8 ream No. 136.0	7,2
18 19 20	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1	163 163 6 Cost an BANCHA RR-12 6.4 27,262 1, 17.0	163 163 % d Benefit S RAMPUR Km	8,041.9 8,820.8 itream No. 108.8	7,879 8,658 <u>15</u>		20 	Upazila B Name of Road Length of Road Cost Unit O&M Cost	109 7 9 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0	109 76 d Benefit St RAMPUR Km	7,364.8 ream No. 136.0	7,2
18 19 20	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1	163 163 6 Cost an BANCHA RR-12 6.4 27,262 1, 17.0 557.0 1,583.0 Cost a Q&M	163 163 % d Benefit S RAMPUR Km O&M Cost	8,041.9 8,820.8 itream No. 108.8	7,879 8,658 <u>15</u>		20 	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	109 7 9 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 612.0 Cost O&M	109 76 d Benefit St RAMPUR Km O&M Cost	7,364.8 ream No. 136.0	7,2 16 D Teka)
18 19 20	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 Construction Cost	163 163 6 Cost an BANCHA RR-12 6.4 27,262 1, 17.0 557.0 1, 1984.0 Cost Cost Cost	163 163 % d Benefit S RAMPUR Km O&M Cost 10.00 % Total	8,041.9 8,820.8 itream No. 108.8 (Unit : 1,00 Beaefit	7,879 8,658 <u>15</u> 00 Taka) Net Benefit		20	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 9 Cost and ANCHA RR-13 8.0 H 19,468 17.0 67.0 612.0 Cost Cost Cost	109 % d Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit	7,2 16 D Taka) Net Bene
18 19 20 Ycar 1	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 Constructio Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 1, 17.0 557.0 1, 1984.0 Cost Cost 0	163 163 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 27,262	8,041.9 8,820.8 /tream No. 108.8 /(Unit : 1,00 Benefit 0.0	7,879 8,658 <u>15</u> 00 Teka) Net Benefit -27,262		20 Year	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	109 7 9 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 612.0 Cost Cost Cost Cost 0	109 % d Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total 19,468	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit	7,2 16 D Teka) Net Bene -19,4
18 19 20 Year 1 2	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 7 Construction Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 t, 1,984.0 Cost n O&M Cost 0 109	163 163 % d Benefit S RAMPUR Km O&M Cost 10.00 % Total 27,262 109	8,041.9 8,820.8 tream No. 108.8 (Unit : 1,00 Beaefit 0.0 2,541.0	7,879 8,658 15 00 Teka) Net Benefit -27,262 2,432		20 20 Year	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 6	109 % d Benefit Str RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total 19,468 136	7,364.8 ream No. 136.0 (Unit : 1,00) Benefit 0.0 679.0	7,2 16 0 Teka) Net Bene -19,4 5
18 19 20 Year 1 2 3	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 Construction Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 t, 1,984.0 Cost n O&M Cost 0 109 109	163 163 % d Benefit S RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total 27,262 109 109	8,041.9 8,820.8 tream No. 108.8 (Unit : 1.00 Benefit 0.0 2,541.0 2,739.4	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631		20 Year	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 612.0 Cost Cost Cost Cost 0 264 Cost	109 % d Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total 19,468	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit	7,2 16 0 Teka) Net Bene -19,4 5 5
18 19 20 Year 1 2 3 4	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 Constructio Cost 27.262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 T.1984.0 Cost a O&M Cost 0 109 109 109	163 163 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 27,262 109 109 109	8,041.9 8,820.8 tream No. 108.8 (Unit : 1,00 Beaefit 0.0 2,541.0	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631 2,849		20 20 1 2 3	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 6	109 % d Benefit Sta RAMPUR Km 0&M Cost 10.00 % Total 19,468 136	7,364.8 ream No. 136.0 (Unit : 1,00) Benefit 0,0 679.0 740.2	7,2 16 0 Taka) Net Bene -19,4 5 6 7
18 19 20 Year 1 2 3	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 Constructio Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 t, 1,984.0 Cost n O&M Cost 0 109 109	163 163 % d Benefit S RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total 27,262 109 109	8,041.9 8,820.8 itream No. 108.8 (Unit : 1,00 Benefit 0.0 2,541.0 2,739.4 2,957.6	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631		20 20 1 2 3 4 5 6	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 612.0 Cost Cost Cost Cost Cost Cost 0 136 136 136 136	109 % d Benefit Str RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total 19,468 136 136 136 136 136	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0.0 679.0 740.2 807.5 881.6 963.0	7,2 16 0 Taka) Net Bene -19,4 5 6 6 7 7 8
18 19 20 Year 1 2 3 4 5 6 7	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 7 Z Constructio Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 t, 1,984.0 Cost 0 025M Cost 0 109 109 109 109 109	163 163 % d Benefit S RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total 27,262 109 109 109 109	8,041.9 8,820.8 itream No. 108.8 (Unit : 1.00 Benefit 0.0 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631 2,849 3,089 3,353 3,643		20 20 1 2 3 4 5 6 7	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 612.0 Cost Cost Cost Cost Cost Cost Cost Cost	109 % d Benefit Str RAMPUR Km 0&M Cost 10.00 % Total 19,468 136 136 136 136 136 136 136	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit Benefit 0.0 679.0 740.2 807.5 881.6 963.0 1,052.6	7,2 16 0 Taka) Net Bene -19,4 5 6 6 7 7 8 9
18 19 20 Year 1 2 3 4 5 6 6 7 8	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 Construction Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 Cost n O&M Cost 0 109 109 109 109 109 109 109	163 163 % d Benefit S RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total 27,262 109 109 109 109 109 109	8,041.9 8,820.8 tream No. 108.8 (Unit : 1,00 Benefit 0.0 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631 2,849 3,089 3,353 3,643 3,963		20 Year 1 2 3 4 5 6 6 7 7 8	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 6	109 % d Benefit Sta RAMPUR Km 0&M Cost 10.00 % 10.00 % 10.00 % 136 136 136 136 136 136 136 136	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0.0 679.0 740.2 807.5 881.6 963.0 1,052.6 1,151.2	7,2 16 D Teka) Net Bene -19,4 5 6 6 7 8 9 1,0
18 19 20 Year 1 2 3 3 4 5 6 6 7 8 9	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 Z Construction Cost 27.262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 Cost n O&M Cost 0 109 109 109 109 109 109 109	163 163 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 27,262 109 109 109 109 109 109 109	8,041.9 8,820.8 itream No. 108.8 (Unit : 1.00 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8 4,423.3	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,432 2,631 2,849 3,089 3,353 3,643 3,963 4,314		20 Year 1 2 3 4 5 6 7 8 9	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 6	109 % d Benefit Sta RAMPUR Km 0&M Cost 10.00 % Total 19,468 136 136 136 136 136 136 136 136	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0.0 679.0 740.2 807.5 881.6 963.0 1,052.6 1,151.2 1,259.6	7,2 16 16 16 19,4 5 6 6 7 8 9 1,0 1,1
18 19 20 Ycar 1 2 3 3 4 5 6 7 7 8 9 10	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 Z Construction Cost 27.262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 1, 17.0 557.0 1,984.0 Cost Cost Cost 0 109 109 109 109 109 109 109	163 163 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 27,262 109 109 109 109 109 109 109	8,041.9 8,820.8 tream No. 108.8 (Unit : 1,00 Benefit 9 (Unit : 1,00 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8 4,423.3 4,809.9	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631 2,849 3,089 3,353 3,643 3,963 4,314 4,701		20 Year 1 2 3 4 5 6 6 7 7 8 9 10	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 9 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 612.0 Cost Cost Cost Cost Cost 0 136 136 136 136 136 136 136	109 % d Benefit Sta RAMPUR %m 0&M Cost 10.00 % Total 19,468 136 136 136 136 136 136 136 136 136 136	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0,0 679.0 740.2 807.5 881.6 963.0 1,052.6 1,151.2 1,259.6 1,378.9	7,2 16 16 16 19,4 5 6 7 8 9 1,0 1,1 1,2
18 19 20 Year 1 2 3 4 4 5 6 7 8 9 9 10 11	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 7 Z Constructio Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 1,984.0 Cost 0 000 109 109 109 109 109 109 109 109	163 163 % d Benefit S RAMPUR Km O&M Cost 10.00 % Total 27,262 109 109 109 109 109 109 109 109 109	8,041.9 8,820.8 /tream No. 108.8 (Unit : 1,00 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8 4,423.3 4,809.9 5,235.2	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631 2,849 3,089 3,353 3,643 3,963 3,963 3,963 3,963 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,964 3,965 3,964 3,965 3,964 3,965 3,964 3,965 3,964 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,975 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,965 3,96		20 Year 1 2 3 4 5 6 7 8 9	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 6	109 % d Benefit Sta RAMPUR Km 0&M Cost 10.00 % Total 19,468 136 136 136 136 136 136 136 136	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0.0 679.0 740.2 807.5 881.6 963.0 1,052.6 1,151.2 1,259.6	7,2 16 D Teka) Net Bene -19,4 5 6 6 7, 8 9 1,0 1,1 1,2 1,3 1,5
18 19 20 Year 1 2 3 4 5 6 6 7 8 9 10 11 12	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 7 Zonstructio Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 1, 17.0 557.0 1,984.0 Cost Cost Cost 0 109 109 109 109 109 109 109	163 163 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 27,262 109 109 109 109 109 109 109	8,041.9 8,820.8 tream No. 108.8 (Unit : 1,00 Benefit 9 (Unit : 1,00 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8 4,423.3 4,809.9	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631 2,849 3,089 3,353 3,643 3,963 4,314 4,701		20 Year 1 2 3 4 5 6 7 8 9 10 11	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 612.0 67.0 612.0 67.0 612.0 7 0 612.0 67.0 612.0 67.0 612.0 67.0 612.0 67.0 612.0 63.0 613.6 136 136 136 136 136 136	109 & d Benefit Sta RAMPUR Km 0&M Cost 10.00 % Total 19,468 136 136 136 136 136 136 136 136	7,364.8 ream No. 136.0 (Unit : 1,000 Benefit 0.0 679.0 740.2 807.5 881.6 963.0 1,052.6 1,151.2 1,259.6 1,378.9 1,510.1 1,654.4 1,813.1	7,2 16 0 Teka) Net Bene -19,4 5 6 7 8 9 1,0 1,1 1,2 1,3 1,5 1,6
18 19 20 20 7 20 7 20 7 20 7 20 7 20 7 20 7	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 Construction Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 Cost a O&M Cost 0 109 109 109 109 109 109 109	163 163 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 27,262 109 109 109 109 109 109 109 109 109	8,041.9 8,820.8 itream No. 108.8 (Unit : 1,00 Benefit 0.0 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8 4,423.3 4,809.9 5,235.2 5,703.0	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631 2,849 3,089 3,353 3,643 3,963 4,314 4,701 5,126 5,594 6,109 6,675		20 20 Year 1 2 3 4 5 6 7 7 8 9 10 11 12 2 3 4 4 13 14	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 6	109 % d Benefit Sta RAMPUR Km 0&M Cost 10.00 % Total 19,468 136 136 136 136 136 136 136 136	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0.0 679.0 740.2 807.5 881.6 963.0 1,052.6 1,151.2 1,259.6 1,378.9 1,510.1 1,654.4 1,813.1 1,987.7	7,2 16 16 16 19,4 5 6 7 8 9 1,0 1,1 1,2 1,3 1,5 1,6 1,8
18 19 20 20 7 20 7 20 7 20 7 20 7 20 7 20 7	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 1 2 Constructio Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 1,988.0 Cost 0 109 109 109 109 109 109 109 109 109 1	163 163 % d Benefit S RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total 27,262 109 109 109 109 109 109 109 109 109 109	8,041.9 8,820.8 itream No. 108.8 (Unit : 1,00 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8 4,423.3 4,209.9 5,235.2 5,703.0 6,217.6 6,783.6 7,406.3	7,879 8,658 15 00 Teka) Net Benefit -27,262 2,432 2,631 2,849 3,089 3,353 3,963 3,963 3,963 3,963 3,963 4,314 4,701 5,126 5,594 6,109 6,675 7,298		20 20 Year 1 2 3 4 5 6 7 8 9 10 11 12 13 13 14 15	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 6	109 % d Benefit Str RAMPUR Km 0&M Cost 10.00 % 10.00 % 10.	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0.0 679.0 740.2 807.5 881.6 963.0 1,052.6 1,052.6 1,378.9 1,510.1 1,654.4 1,813.1 1,987.7 2,179.8	7,2 16 D Taka) Net Bene -19,4 5 6 6 7 7 8 9 1,0 1,1 1,2 1,3 1,5 1,6 1,8 2,0
18 19 20 20 7 20 7 20 7 20 7 20 20 7 20 20 20 20 20 20 20 20 20 20 20 20 20	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 7 Z Constructio Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 1,984.0 Cost 0 0 109 109 109 109 109 109 109 109 109 10	163 163 % d Benefit S RAMPUR Km O&M Cost 10.00 % Total 27,262 109 109 109 109 109 109 109 109 109 109	8,041.9 8,820.8 htream No. 108.8 (Unit : 1,00 Beaefit 0.0 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8 4,423.3 4,071.8 4,423.3 4,071.8 4,423.3 4,071.8 4,809.9 5,235.2 5,703.0 6,217.6 6,783.6 7,406.3 8,091.2	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631 2,849 3,089 3,353 3,643 3,963 4,314 4,701 5,126 5,594 6,109 6,675 7,298 7,982		20 20 1 2 3 4 5 6 7 8 9 0 11 12 13 14 15 16	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 612.0 0 612.0 Cost Cost Cost Cost Cost Cost Cost Cost	109 % d Benefit Str RAMPUR Km 0.&M Cost 10.00 % 10.00 % 10.00 % 136 136 136 136 136 136 136 136	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0.0 679.0 740.2 807.5 81.6 963.0 1,052.6 1,151.2 1,259.6 1,378.9 1,510.1 1,654.4 1,813.1 1,987.7 2,179.8 2,391.1	7,2 16 0 Taka) Net Bene -19,4 5 6 6 7 8 9 1,0 1,1 1,2 1,3 1,5 1,6 1,8 2,0 2,2
18 19 20 20 7 20 7 20 7 20 7 20 7 20 7 20 7	IRR = Upazila I Name of Road Length of Road Cost Unit O&M Cos Benefit 7 Zonstructio Cost 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 1, 17.0 557.0 Cost 0 109 109 109 109 109 109 109	163 163 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 27,262 109 109 109 109 109 109 109 109 109 109	8,041.9 8,820.8 itream No. 108.8 (Unit : 1,00 Benefit Benefit 0,0 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8 4,423.3 4,809.9 5,235.2 5,703.0 6,217.6 6,783.6 7,406.3 8,091.2 8,844.7	7,879 8,658 15 00 Taka) Net Benefit 2,432 2,631 2,849 3,089 3,353 3,643 3,963 4,314 4,714 4,701 5,126 5,594 6,109 6,675 7,298 7,982 8,736		20 20 Year 1 2 3 4 5 5 6 7 7 8 9 9 10 11 12 13 14 15 16 17	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 6	109 % d Benefit Str RAMPUR Km 0.&M Cost 10.00 % 10.00 % 10	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0.0 679.0 740.2 807.5 881.6 963.0 1,052.6 1,378.9 1,510.1 1,654.4 1,813.1 1,987.7 2,179.8 2,391.1 2,623.5	7,2 7,2 16 0 Teka) Net Bene -19,4 5 6 6 7 8 9 1,0 1,1 1,2 1,3 1,5 1,6 1,8 2,0 2,2 2,4
18 19 20 20 7 20 7 20 7 20 7 20 7 20 7 20 7	IRR = Upazila I Name of Road Cost Unit O&M Cos Benefit 1 Z Construction Cost 27.262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 t, 17.0 557.0 Cost a O&M Cost 0 109 109 109 109 109 109 109	163 163 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 27,262 109 109 109 109 109 109 109 109 109 109	8,041.9 8,820.8 tream No. 108.8 (Unit : 1,00 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8 4,423.3 4,071.8 4,423.3 4,809.9 5,235.2 5,703.0 6,217.6 6,783.6 7,406.3 8,091.2 8,844.7 9,673.4	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631 2,849 3,089 3,353 3,643 3,963 4,314 4,701 5,126 5,594 6,109 6,675 7,298 7,982 7,982 7,982 7,982 8,736		20 20 Year 1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 16 17 17 18	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 6	109 4 d Benefit Sta RAMPUR Km 0&M Cost 10.00 % 10.00 % 10.00 % 10.00 % 136 136 136 136 136 136 136 136	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0.0 679.0 740.2 807.5 81.6 963.0 1,052.6 1,151.2 1,259.6 1,378.9 1,510.1 1,654.4 1,813.1 1,987.7 2,179.8 2,391.1	7,2 7,2 0 Taka) Net Bene -19,4 5 6 7 8 9 1,0 1,1 1,2 1,3 1,5 1,6 1,8 2,0 2,2 2,4 2,7
18 19 20 20 7 20 7 20 7 20 7 20 7 20 7 20 7	IRR = Upazila I Name of Road Cost Unit O&M Cos Benefit 1 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 1, 17.0 557.0 Cost 0 109 109 109 109 109 109 109	163 163 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 27,262 109 109 109 109 109 109 109 109 109 109	8,041.9 8,820.8 itream No. 108.8 (Unit : 1,00 Benefit Benefit 0,0 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8 4,423.3 4,809.9 5,235.2 5,703.0 6,217.6 6,783.6 7,406.3 8,091.2 8,844.7	7,879 8,658 15 00 Taka) Net Benefit 2,432 2,631 2,849 3,089 3,353 3,643 3,963 4,314 4,714 4,701 5,126 5,594 6,109 6,675 7,298 7,982 8,736		20 20 Year 1 2 3 4 5 5 6 7 7 8 9 9 10 11 12 13 14 15 16 17	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 6	109 % d Benefit Str RAMPUR Km 0.&M Cost 10.00 % 10.00 % 10	7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0.0 679.0 740.2 807.5 881.6 963.0 1,052.6 1,378.9 1,510.1 1,654.4 1,813.1 1,987.7 2,179.8 2,391.1 2,623.5 2,879.1	7,2
18 19 20 20 7 20 7 20 7 8 9 10 11 12 2 3 3 4 5 6 6 7 7 8 9 10 11 12 13 14 15 16 17 17 18 19 19 20 7 20 7 20 7 20 7 20 7 20 7 20 7 20	IRR = Upazila I Name of Road Cost Unit O&M Cos Benefit 1 27,262	163 163 6 Cost an BANCHA RR-12 6.4 27,262 1, 17.0 557.0 1, 1984.0 Cost 0 109 109 109 109 109 109 109	163 163 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 27,262 109 109 109 109 109 109 109 109 109 109	8,041.9 8,820.8 itream No. 108.8 (Unit : 1,00 Benefit 9 (Unit : 1,00 2,541.0 2,739.4 2,957.6 3,197.7 3,461.8 3,752.3 4,071.8 3,752.3 4,071.8 3,752.3 4,071.8 3,752.3 4,071.8 3,752.3 4,071.8 3,461.8 3,752.3 4,071.8 3,461.8 3,752.3 4,071.8 4,423.3 4,809.9 5,235.2 5,703.0 6,217.6 6,783.6 7,406.3 8,091.2 8,844.7 9,673.4 10,585.1	7,879 8,658 15 00 Taka) Net Benefit -27,262 2,432 2,631 2,849 3,089 3,353 3,643 4,314 4,701 5,126 5,594 6,109 6,675 7,298 7,982 8,736 9,565 10,476		20 20 1 2 3 3 4 5 6 7 7 8 9 10 11 12 13 13 14 15 16 17 17 18 19	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 7 5 Cost and ANCHA RR-13 8.0 1 19,468 17.0 67.0 67.0 67.0 67.0 67.0 67.0 67.0 6	109 4 d Benefit Str RAMPUR Km 0&M Cost 10.00 % 10.00 % 10.	7,364.8 7,364.8 ream No. 136.0 (Unit : 1,00 Benefit 0.0 679.0 740.2 807.5 881.6 963.0 1,052.6 1,052.6 1,378.9 1,510.1 1,654.4 1,813.1 1,987.7 2,179.8 2,391.1 2,623.5 2,879.1 3,160.3	7,2 16 D Taka) Net Bene -19,4 5, 64 6 7, 8 9 1,0 1,1 1,2 1,3 1,5 1,6 1,8 2,0 2,2 2,4 2,4 2,4 2,4 2,4 2,4 2,4

Table G.1.13 Calculation Table for IRR (Bancharampur Upazila) (4/6)

#### Table G.1.13 Calculation Table for IRR (Bancharampur Upazila) (5/6)

	1 - C		d Benefit Si	1 64001	
	Upazila B	ANCHA	RAMPUR	No.	17
	Name of Road	RR-14			
	Length of Road	9.6	Km		
	anger of toom	1.1		1.11	
	Cost	43,006			
	Unit O&M Cost	17.0	O&M Cost	163.2	
	Benefit T	124.0			
	A	2,167.0	10.00 %	· · · · ·	· · · ·
	<u>نن</u>			(Unit : 1,00	0 Taka)
<u> </u>		Cost		(	
¥	Construction		Total	Benefit	Net Benefit
Year	Construction	Cost	Total	Denetit	thet Delletti
	COSt .				
1	43,006	. 0	43,006	0.0	-43,006
2		163	163	2,291.0	2,128
3		163	163	2,507.7	2,345
4		163	163	2,746.1	2,583
s		163	163	3,008.3	2,845
6		163	163	3,296.7	3,134
. 1		163	163	3,614.0	3,451
. 8		163	163	3,963.0	3,800
9		163	163	4,346.9	4,184
10		163	163	4,769.2	4,606
10		163	163	5,233.7	5,070
12		163	163	5,744.6	5,581
13		163	163	6,306.7	6,144
14	and the second	163	163	6,925.0	6,762
15		163	163	7,605.1	7,442
16		163		8,353.2	8,190
17		163	163	9,176.1	9,013
18		163	163	10,081.3	9,918
19		163	163	11,077.0	10,914
20		163	163	12,172.3	12,009
	Upezila B		d Benefit Si RAMPUR		19
	Name of Road	RR-16			
	Leagth of Road				
		9.6 (	Km		
			Кm		
	Cost	48,586			
		48,586	O&M Cost	163.2	
	Cost	48,586	O&M Cost		
	Cost Unit O&M Cost Benefit T	48,586 17.0 137.0	O&M Cost	163.2 (Unit : 1,00	() Taka)
	Cost Unit O&M Cost Benefit T A	48,586 17.0 137.0 2,142.0 Cost	O&M Cost 10.00 %	(Unit : 1,00	
Ycar	Cost Unit O&M Cost Benefit T A Construction	48,586 17.0 137.0 2,142.0 Cost O&M	O&M Cost 10.00 %		0 Taka) Net Beacht
Үсаг	Cost Unit O&M Cost Benefit T A Construction	48,586 17.0 137.0 2,142.0 Cost	O&M Cost 10.00 %	(Unit : 1,00	
	Cost Unit O&M Cost Benefit T A Construction Cost	48,586 17.0 137.0 2,142.0 Cost O&M	O&M Cost 10.00 %	(Unit : 1,00	
1	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost Cost Cost O&M Cost	O&M Cost 10.00 % Total	(Unit : 1,00 Benefit 0.0	Net Benefit -48,586
1	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost Cost Cost 0 163	0&M Cost 10.00 % Total 48,586	(Unit : 1,00 Benefit	Net Benefit
1 2 3	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost Cost 0 163 163	O&M Cost 10.00 % Total 48,586 163 163	(Unit : 1,00 Benefit 0.0 2,279.0 2,493.2	Net Benefit -48,586 2,116
1 2 3 4	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost Cost Cost 0 163 163 163	O&M Cost 10.00 % Total 48,586 163 163	(Unit : 1,00 Benefit 0.0 2,279.0 2,493.2 2,728.8	Net Benefit -48,586 2,116 2,330 2,556
1 2 3 4 5	Cost Unit O&M Cost Benefit T A Construction Cost 43,586	48,586 17.0 137.0 2,142.0 Cost Cost Cost 0 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163	(Unit : 1,00 Benefit 0.0 2,279.0 2,493.2 2,728.8 2,988.0	Net Benefit -48,586 2,116 2,330 2,566 2,825
1 2 3 4 5 6	Cost Unit O&M Cost Benefit T A Construction Cost 43,586	48,586 17.0 137.0 2,142.0 Cost Cost Cost 0 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163	(Unit : 1,00 Benefit 0.0 2,279.0 2,493.2 2,728.8 2,988.0 3,273.1	Net Beacfit -48,586 2,116 2,330 2,556 2,825 3,110
1 2 3 4 5 6 7	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost Cost 0 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163	(Unit : 1,00 Benefit 0.0 2,279.0 2,493.2 2,728.8 2,988.0 3,273.1 3,586.7	Net Benefit -48,586 2,116 2,330 2,586 2,825 3,110 3,424
1 2 3 4 5 6 7 8	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 163	(Unit : 1,00 Benefit 0,0 2,279.0 2,493.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7	Net Beacfit -48,586 2,116 2,330 2,566 2,825 3,110 3,424 3,768
1 2 3 4 5 6 7 8 9	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost Cost 0 163 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0,0 2,279.0 2,493.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2	Net Benefit -48,586 2,116 2,330 2,556 2,825 3,110 3,424 3,768 4,148
1 2 3 4 5 6 7 8 9 10	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0.0 2,279.0 2,473.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6	Net Benefit -48,586 2,116 2,330 2,556 2,825 3,110 3,424 3,768 4,148 4,148
1 2 3 4 5 6 7 8 9 10 11	Cost Unit O&M Cost Benefit T A Construction Cost 43,586	48,586 17.0 137.0 2,142.0 Cost 0 &&M Cost 0 163 163 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0,0 2,279.0 2,493.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6 5,187.7	Net Benefit -48,586 2,116 2,330 2,566 2,825 3,110 3,424 3,768 4,148 4,565 5,025
1 2 3 4 5 6 7 8 9 10 11 12	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0,0 2,279.0 2,493.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6 5,187.7 5,692.8	Net Benefit -48,586 2,116 2,330 2,566 2,825 3,110 3,424 3,768 4,148 4,565 5,025 5,530
1 2 3 4 5 6 7 8 9 10 11 12 13	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0,0 2,279.0 2,493.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6 5,187.7 5,692.8 6,248.4	Net Beacfit -48,586 2,116 2,330 2,566 2,825 3,110 3,424 3,768 4,148 4,565 5,025 5,530 6,085
1 2 3 4 5 6 7 8 9 10 11 12 13 14	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0,0 2,279.0 2,473.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6 5,187.7 5,692.8 6,248.4 6,859.5	Net Benefit -48,586 2,116 2,330 2,556 2,825 3,110 3,424 3,768 4,148 4,565 5,025 5,530 6,085 6,686
1 2 3 4 5 6 7 8 9 10 11 12 13 14	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0.0 2,279.0 2,493.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6 5,187.7 5,692.8 6,248.4 6,859.5 7,531.8	Net Beacht -48,586 2,116 2,330 2,556 2,825 3,110 3,424 3,768 4,148 4,565 5,025 5,530 6,085 5,530 6,085 5,530
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Cost Unit O&M Cost Benefit T A Construction Cost 43,586	48,586 17.0 137.0 2142.0 Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0.0 2,279.0 2,493.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6 5,187.7 5,692.8 6,248.4 6,859.5 7,531.8 8,271.2	Net Benefit -48,586 2,116 2,330 2,566 2,825 3,110 3,424 3,768 4,148 4,565 5,025 5,530 6,085 6,695 6,695 6,7,369 8,108
1 2 3 4 5 6 6 7 7 8 9 9 10 11 12 13 14 15 16 17	Cost Unit O&M Cost Benefit T A Construction Cost 43,586	48,586 17.0 137.0 2,142.0 Cost Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0,0 2,279.0 2,493.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6 5,187.7 5,692.8 6,248.4 6,859.5 7,531.8 8,271.2 9,084.7	Net Benefit -48,586 2,116 2,330 2,556 2,825 3,110 3,424 3,768 4,148 4,565 5,5025 5,530 6,085 6,696 7,369 8,108 8,921
1 2 3 4 4 5 6 6 7 7 8 9 9 10 11 12 13 14 15 16 17 7 8	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0.0 2,279.0 2,479.0 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6 5,187.7 5,692.8 6,248.4 6,859.5 7,531.8 8,271.2 9,084.7 9,979.4	Net Benefit -48,586 2,116 2,330 2,566 2,825 3,110 3,424 3,768 4,148 4,565 5,025 5,530 6,085 6,696 7,369 8,103 8,921 9,816
1 2 3 4 5 6 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0.0 2,279.0 2,473.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6 5,187.7 5,692.8 6,248.4 6,859.5 7,531.8 8,271.2 9,084.7 9,979.4 10,963.7	Net Benefit -48,586 2,116 2,330 2,556 2,825 3,110 3,424 3,768 4,148 4,148 4,565 5,025 5,5025 5,530 6,085 6,085 7,369 8,103 8,921 9,816 10,800
1 2 3 3 4 5 6 6 7 7 8 9 9 9 10 11 12 13 14 15 16 17 18	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0.0 2,279.0 2,479.0 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6 5,187.7 5,692.8 6,248.4 6,859.5 7,531.8 8,271.2 9,084.7 9,979.4	Net Benefit -48,586 2,116 2,330 2,566 2,825 3,110 3,424 3,768 4,148 4,565 5,025 5,530 6,085 6,696 7,369 8,103 8,921 9,816
1 2 3 4 5 6 6 7 7 8 9 9 9 10 11 12 13 14 15 16 17 18 19	Cost Unit O&M Cost Benefit T A Construction Cost 48,586	48,586 17.0 137.0 2,142.0 Cost Cost 0 163 163 163 163 163 163 163 163	O&M Cost 10.00 % Total 48,586 163 163 163 163 163 163 163 16	(Unit : 1,00 Benefit 0.0 2,279.0 2,473.2 2,728.8 2,988.0 3,273.1 3,586.7 3,931.7 4,311.2 4,728.6 5,187.7 5,692.8 6,248.4 6,859.5 7,531.8 8,271.2 9,084.7 9,979.4 10,963.7	Net Benefit -48,586 2,116 2,330 2,556 2,825 3,110 3,424 3,768 4,148 4,148 4,565 5,025 5,5025 5,530 6,085 6,085 7,369 8,103 8,921 9,816 10,800

		Cost and	Benefit St	ream	
	Upazila B	ANCHA	RAMPUR	No.	8
	Name of Road	RR-15			
	Leagth of Roed	9.6 K	ίπ,		
-	Cost	43,104			
	Unit O&M Cost	17.0	O&M Cost	163.2	· ·
	Benefit T	134.0			
	A	949.0	10.00 %	<b>,</b> .	
				(Unit : 1,000	) Taka)
		Cost		·	
Year	Construction	0&M	Total	Benefit	Net Benefit
	Cost	Cost			
			47.10	0.0	-43,104
1	43,104	0	43,104	1.083.0	-45,104
2 3		163 163	163 163	1,005.0	1,015
4		163	163	1,177.9	1,015
· 5		163	163	1,397.1	1,234
6		163	163	1,523.4	1,360
1		163	163	1,662.4	1,499
8		163	163	1,815.2	1,652
ğ		163	163	1,983.3	1,820
10		163	163	2,168.3	2,005
ii		163	163	2,371.7	2,208
12		163	163	2,595.5	2,432
13		163	163	2,841.6	2,678
. 14		163	163	3,112.4	2,949
15		163	163	3,410.2	3,247
16		163	163	3,737.8	3,575
17		163	163	4,098.2	3,935
18		163	163	4,494.6	4,331
19		163	163	4,930.7	4,767
20	the second	163	163	5,410.4	5,247
	IRR =	0 9	6		
	<u> </u>	Cast and	1 Benefit St	ream	

	Upazila	BANCHA	RAMPUR	<u>No. 2</u>	:0
	Name of Road	RR-17			
	Length of Rose	d 6.4 ¥	(m		
	Cost	26,074			
	Unit O&M Co	st 17.0	O&M Cost	108.8	
	Benefit	Г 15.0			
		A 131.0	10.00 %	5	
				(Unit : 1,000	) Taka)
	· <u>· · · · · · · · · · · · · · · · · · </u>	Cosi			
Year	Construction	0&M	Total	Benefit	Net Benefit
	Cost	Cost			
1	26.074	0	26,074	0.0	-26,074
2	20,074	109	109	146.0	37
3	- 10 - N	109	109	159.1	50
4		109	109	173.5	65
. 5		109	109	189.4	81
6	•	109	109	206.8	98
้า	4° .	109	109	226.0	117
8	· · · ·	109	109	247.1	138
. 9		109	109	270.3	161
10		109	109	295.8	187
- 11		109	109	323.9	215
12		109	109	354.8	246
13		109	109	388.8	280
i 14	÷ .	109	109	426.1	317
15		109	109	467.2	358
16		109	109	512.5	404
. 17		109	109	562.2	453
18		109	109	616.9	508
19		109	109	677.1	568
20		109	109	743.3	635
<del></del>	IRR =	#DIV/0! 9	6		

					ipur Up							
		Cost an	d Benefit S			7			Cost an	d Benefit St	ream	······································
	willing in	ANCUA	RAMPUR	Ma	21			Upazila B	ANCHA	RAMPUR	No.	22
· · · .	Upazila B Name of Road		KAWFUK	No.	41		1 A A A A A A A A A A A A A A A A A A A	Name of Road				
	the second se						1	Length of Road	3.2 1	Km		· ·
	Length of Road	6.4	<b>NJ</b> 11					-				
	Cost	26,071		en en ser en			-	Cost	12,751	08140		s de la composición de
	Unit O&M Cost		O&M Cost	108.8	•			Unit O&M Cost		O&M Cost	54.4	
	Benetit T	28.0	10.00.07	1.			-	Benefit T	19.0 498.0	10.00 9	4	· · ·
	<u>A</u>	250.0	10.00 %	(Unit : 1.00	0 Taka)			<u> </u>	470.0	10.00 ,	"(Unit : 1,0	00 Taka)
		Cost							Cost			
Year			Total	Benefit	Net Benel	it	Year	Construction Cost	O&M Cost	Total	Benefit	Net Benefit
1	26,071	0	26,071	0.0	-26,07		1	12,751	0	12,751	0.0	-12,751
2		109	109	278.0	10	9	2		54	54	517.0	
. 3		109	109	303.0	19		3		54 54	54 54	566.8 621.6	512 567
4		109	109 109	- 330.5 360.8	22		5		54 54	54 54	681.8	627
6		109	109	394.0	28		6		54	54	748.1	694
1		109	109	430.6	32	2	. 7		54	54	821.0	767 847
. 8		109	109	470.9	36 40		8		54 54	54 54	901.2	935
9		109	109 109	515.2 563.9	45		10		5,4	54	1,086.5	1,032
11		109	109	617.5	-50	9	11		54	54	1,193.3	1,139
12	1	109	109	676.4	. 56		12		54	54	1,310.7	1,256 1,385
13		· 109 109	109 109	741.3 812.6	63 70		13 14	н н н	54 54	54 54	1,439.9	
14		- 109	109	891.1	78		15	an shekara	54	54	1,738.2	
16		109	109	977.4	86	9	16		54	54	1,910.2	
17		109	109	1,072.3	. 90		17		54	54 54	2,099.3	2,045 2,253
18		109 109	109	1,176.7 1,291.6	1,06 1,18		18		54 54	54	2,536.1	2,482
								1999 - Carlos Carlos (1997)	54	54	2,787.8	2,733
19			109		1,30	9	20	1.2	24	54		
	) 	109	109	1,418.0	1,30	9	20	IRR ==				
19			109		1,30	9	20	IRR =	5			
19	) 	109	109		1,30		20	IRR ≕				
19	) 	109 #NUM!	109	1,418.0	1,30		20		5			
19	) IRR ==	109 #NUM! Cost and	109 % d Benefit S	1,418.0 Iream					5 Cost an	z d Benefit St		24
19	) IRR == Upazila B	109 #NUM! Cost an ANCHA	109 %	1,418.0 Iream	<u>1,30</u>				5 Cost an ANCHA	%	ream	
19	) IRR == Upazila B	109 #NUM! Cost and	109 % d Benefit S RAMPUR	1,418.0 Iream		9		Upazila B	5 Cost an ANCHA	% d Benefit St RAMPUR	ream	
19	IRR == Upazila B Name of Roed	109 #NUM! Cost and ANCHA RR-20	109 % d Benefit S RAMPUR	1,418.0 Iream		9		Upazila B Name of Road	5 Cost an ANCHA RR-21	% d Benefit St RAMPUR	ream	
19	IRR = Upazila B Name of Road Length of Road Cost	109 #NUMI Cost and ANCHA RR-20 3.2 1 14,595	109 % d Benefit S RAMPUR	1,418.0 Iream		9		Upazila B Name of Road Length of Road	5 1 Cost an ANCHA RR-21 4.8 1 19,428	% d Benefit St RAMPUR	ream	24
19	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost	109 #NUM! Cost and ANCHAI RR-20 3.2 1 14,595 17.0	109 % d Benefit S RAMPUR Km	1,418.0 tream No.		9		Upazila B Name of Road Length of Road Cost	5 ( Cost an ANCHA RR-21 4.8 1 19,428	z d Benefit St RAMPUR Km	ream No.	24
19	IRR = Upazila B Name of Road Length of Road Cost	109 #NUMI Cost and ANCHA RR-20 3.2 1 14,595	109 % d Benefit S RAMPUR Km O&M Cost 10.00 %	1,418.0 tream No. 54.4	23	9		Upazila B Name of Road Length of Road Cost Unit O&M Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0	z d Benefit St RAMPUR Km	ream No. 81.6	24
19	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T	109 #NUM! Cost and ANCHA RR-20 3.2 I 14,595 17.0 27.0 612.0	109 % d Benefit S RAMPUR Km O&M Cost 10.00 %	1,418.0 tream No.	23	9		Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 576.0	7 d Benefit St RAMPUR Km <u>O&amp;M Cost</u>	neam No. 81.6	24
19 20	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A	109 #NUM! Cost and ANCHA RR-20 3.2 I 14,595 17.0 27.0 612.0 Cost	109 % d Benefit S RAMPUR Km <u>O&amp;M Cost</u> 10.00 %	1,418.0 tream No. 54.4 (Unit : 1,00	23 10 Taka)			Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost	7 d Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 5	ream No. 81.6 (Unit : 1,0	24 00 Teks)
19	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	109 #NUM! Cost and ANCHA RR-20 3.2 I 14,595 17.0 27.0 612.0 Cost	109 % d Benefit S RAMPUR Km O&M Cost 10.00 %	1,418.0 tream No. 54.4	23			Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost	7 d Benefit St RAMPUR Km <u>O&amp;M Cost</u>	ream No. 81.6	24
19 20 Ycar	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	109 #NUM! Cost and ANCHA RR-20 3.2 I 14,595 17.0 27.0 612.0 Cost Cost Cost	109 % d Benefit S RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total	1,418.0 tream No. 54.4 (Unit : 1,00 Benefit	23 0 Taka) Net Benef		Year	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost Cost	7 d Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 5 Total	ream No. 81.6 (Unit : 1,0 Benefit	24 00 Taks) Net Benefit
19 20 Ycar	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHA RR-20 3.2 I 14,595 17.0 27.0 612.0 Cost Cost 0	109 % d Benefit S RAMPUR Km <u>O&amp;M Cost</u> 10.00 % Total 14,595	1,418.0 tream No. 54.4 (Unit : 1,00 Benefit	23 10 Taka) Net Benef -14,55		Year	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost O&M Cost 0	7 d Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 5 Totel 19,428	ream No. 81.6 6 (Unit : 1,0 Benefit 0.0	24 00 Takes) Net Benefit - 19,428
19 20 Ycar 1 2	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHAI RR-20 3.2 1 14,595 17.0 27.0 612.0 Cost Cost Cost Cost O&M Cost 0 54	109 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 14,595 54	1,418.0 tream No. 54.4 (Unit : 1,00 Benefit 0.0 639.0	23 10 Taka) Net Benef -14,55 58		Year	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost Cost	7 d Benefit St RAMPUR Km <u>O&amp;M Cost</u> 10.00 5 Total	ream No. 81.6 (Unit : 1,0 Benefit	24 C0 Taks) Net Benefit -19,428 528 586
19 20 Ycar	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHA RR-20 3.2 I 14,595 17.0 27.0 612.0 Cost Cost Cost 0 54 54 54	109 % d Benefit Si RAMPUR Km 0&M Cost 10.00 % Total 14,595 54 54 54	1,418.0 tream No. 54.4 (Unit : 1,00 Benefit 0.0 639.0 700.2 767.5	23 10 Taka) Net Benef -14,55 58 64 71		Year 1 2 3 4	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 576.0 Cost Cost Cost 0 82 82 82	7 d Benefit St RAMPUR Common Cost 10.00 5 Total 19,428 82 82 82 82	No. 81.6 (Unit : 1,0 Benefit 0.0 667.6 731.0	24 00 Taks) Net Benefit -19,428 528 586 649
19 20 Ycar 1 2 3 4 4	IRR == Upazila B Name of Road Length of Road Cost Unit O&M Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHA RR-20 3.2 I 14,595 17.0 27.0 612.0 Cost Cost Cost Cost Cost Cost Cost Cost	109 % d Benefit St RAMPUR Km 0&M Cost 10.00 % Total 14,595 54 54 54 54	1,418.0 tream No. 54.4 (Unit : 1,00 Benefit 0.0 639.0 700.2 767.5 841.6	23 10 Taka) Net Benef -14,55 58 64 71 78		Year 1 2 3 4 5	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost 0 82 82 82 82	7 d Benefit St RAMPUR Km O&M Cost 10.00 5 Total 19,428 82 82 82 82 82 82 82	No. 81.6 (Unit : 1,0 Benefit 0.0 610.0 667.6 731.0 800.7	24 00 Taks) Net Benefit -19,428 528 528 549 719
19 20 Year 1 2 3 4 5 6	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHAI RR-20 3.2 1 14,595 17.0 27.0 612.0 Cost Cost Cost Cost Cost Cost Cost Cost	109 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 14,595 54 54 54 54 54 54 54 54 54	1,418.0 tream No. 54.4 (Unit : 1,00 Benefit 0.0 639.0 700.2 767.5 841.6 923.0	23 10 Taka) Net Benef -14,59 58 64 71 78 85		Year 1 2 3 4 5 6	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost O&M Cost 0 82 82 82 82 82 82	7 d Benefit St RAMPUR Com 0&M Cost 10.00 5 Total 19,428 82 82 82 82 82 82 82 82 82	No. 81.6 6 (Unit : 1,0 Benefit 0.0 610.0 667.6 731.0 800.7 877.3	24 C0 Taks) Net Benefit -19,428 528 528 586 649 719 719 796
19 20 Year 1 2 3 4 5 6 7	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHAI RR-20 3.2 I 14,595 17.0 27.0 612.0 0 612.0 0 612.0 0 612.0 0 612.0 0 64 54 54 54 54 54	109 % d Benefit St RAMPUR Km 0&M Cost 10.00 % Total 14,595 54 54 54 54	1,418.0 tream No. 54.4 (Unit : 1,00 639.0 700.2 767.5 841.6 923.0 1,012.6	23 10 Taka) Net Benef -14,55 58 64 71 78 86 95		Year 1 2 3 4 5	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost 0 82 82 82 82	7 d Benefit St RAMPUR Km O&M Cost 10.00 5 Total 19,428 82 82 82 82 82 82 82	No. 81.6 (Unit : 1,0 Benefit 0.0 667.6 731.0 800.7 877.3 961.7 1,054.4	24 00 Taks) Net Benefit -19,428 528 528 586 649 719 796 880 973
19 20 Year 1 2 3 4 5 6	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHA RR-20 3.2 I 14,595 17.0 27.0 612.0 Cost Cost Cost Cost Cost 0 54 54 54 54 54 54	109 % d Benefit St RAMPUR Km 0&M Cost 10.00 % Total 14,595 54 54 54 54 54 54 54 54 54 5	1,418.0 tream No. 54.4 (Unit : 1,00 Benefit 0.0 639.0 700.2 767.5 841.6 923.0 1,012.6 1,111.2 1,219.6	23 10 Taka) Net Benef -14,55 58 64 71 78 86 95 1,06 1,16		Year 1 2 3 4 5 6 7 8 9	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost 0 82 82 82 82 82 82 82 82 82 82	7 d Benefit St RAMPUR Common Common Common Total 19,428 82 82 82 82 82 82 82 82 82	No. 81.6 (Unit : 1,0 Benefit 0.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5	24 CO Taka) Net Benefit -19,428 528 586 649 719 796 880 973 1,075
19 20 Year 1 2 3 4 5 6 6 7 8 9 9 10	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHA RR-20 3.2 I 14,595 17.0 27.0 612.0 Cost Cost Cost Cost Cost Cost Cost Cost	109 % d Benefit Si RAMPUR Km O&M Cost 10.00 % Total 14,595 54 54 54 54 54 54 54 54 54 5	1,418.0 tream No. 54.4 (Unit : 1,00 Benefit 0.0 639.0 700.2 767.5 841.6 923.0 1,012.6 1,111.2 1,219.6	23 0 Taka) Net Benef -14,55 58 64 71 78 86 95 1,05 1,16 1,28		Year 1 2 3 4 5 6 7 8 9 10	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost Cost 0 82 82 82 82 82 82 82 82 82 82	7 d Benefit St RAMPUR Com Com 10.00 5 Total 19,428 82 82 82 82 82 82 82 82 82	No. 81.6 6 (Unit : 1,0 Benefit 0.0 610.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5 1,268.7	24 CO Taks) Net Benefit -19,428 528 528 649 719 796 880 973 1,075 1,187
19 20 Year 1 2 3 4 5 6 6 7 7 8 9 9 10	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHAI RR-20 3.2 I 14,595 17.0 27.0 6120 0 6120 0 6120 0 6120 0 6120 0 6120 0 64 54 54 54 54 54 54 54 54	109 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 14,595 54 54 54 54 54 54 54 54 54 5	1,418.0 tream No. 54.4 (Unit : 1,00 639.0 700.2 767.5 841.6 923.0 1,012.6 1,111.2 1,219.6 1,338.9 1,470.1	23 10 Taka) Net Benef -14,59 58 64 71 86 95 1,00 1,16 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,28 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1,48 1	1 55563798875466	Year 1 2 3 4 5 6 6 7 7 8 9 10 11	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost O&M Cost 0 82 82 82 82 82 82 82 82 82 82	%           d Benefit St           RAMPUR           Co&M Cost           10.00 5           Totel           19,428           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82      82      82      82	No. 81.6 6 (Unit : 1,0 Benefit 0.0 610.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5 1,268.7 1,392.2	24 C0 Taka) Net Benefit -19,428 528 586 649 719 796 880 973 1,075 1,187 1,311
19 20 Ycar 1 1 3 4 4 5 6 6 7 7 8 9 9 10 11 11 2	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHAI RR-20 3.2 I 14,595 17.0 27.0 612.0 0 54 54 54 54 54 54 54 54 54 54 54	109 % d Benefit Si RAMPUR Km 0&M Cost 10.00 % Total 14,595 54 54 54 54 54 54 54 54 54 5	1,418.0 tream No. 54.4 (Unit : 1,00 639.0 700.2 767.5 841.6 923.0 1,012.6 1,111.2 1,219.6 1,338.9 1,470.1 1,614.4	23 10 Taka) Net Benef -14,59 58 64 71 78 86 64 71 78 1,05 1,05 1,16 1,25 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1,45 1		Year 1 2 3 4 5 6 7 8 9 10	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 34.0 376.0 Cost Cost Cost 0 82 82 82 82 82 82 82 82 82 82	7 d Benefit St RAMPUR Com Com 10.00 5 Total 19,428 82 82 82 82 82 82 82 82 82	No. 81.6 (Unit : 1,0 Benefit 0.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5 1,268.7 1,392.2 1,528.0 1,677.4	24 CO Taka) Net Benefit -19,428 528 586 649 719 796 880 973 1,075 1,187 1,311 1,446 1,596
19 20 Ycar 1 2 3 4 5 6 6 7 7 8 9 9 10	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHAI RR-20 3.2 I 14,595 17.0 27.0 6120 0 6120 0 6120 0 6120 0 6120 0 6120 0 64 54 54 54 54 54 54 54 54	109 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 14,595 54 54 54 54 54 54 54 54 54 5	1,418.0 tream No. 54.4 (Unit : 1,00 639.0 700.2 767.5 841.6 923.0 1,012.6 1,111.2 1,219.6 1,338.9 1,470.1	23 10 Taka) Net Benef -14,55 58 64 71 78 86 95 1,06 1,16 1,28 1,41 1,56 1,71		Year 1 2 3 4 5 6 6 7 8 9 10 11 12	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost Cost 0 82 82 82 82 82 82 82 82 82 82	7 d Benefit St RAMPUR Km O&M Cost 10.00 5 Total 19,428 82 82 82 82 82 82 82 82 82	No. 81.6 (Unit : 1,0 Benefit 0.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5 1,268.7 1,392.2 1,528.0 1,677.4 1,841.7	24 CO Takes) Net Benefit -19,428 528 586 649 719 796 880 0 973 1,075 1,187 1,311 1,446 1,596 1,760
19 20 Ycar 1 2 3 4 4 5 6 6 7 7 8 9 9 9 10 11 12 13 14 15	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHAI RR-20 3.2 1 14,595 17.0 27.0 6120 Cost Cost Cost Cost Cost Cost Cost Cost	109 % d Benefit S RAMPUR Km O&M Cost 10.00 % 10.00 % Total 14,595 54 54 54 54 54 54 54 54 54 5	1,418.0 tream No. 54.4 (Unit : 1,00 639.0 700.2 767.5 841.6 923.0 1,012.6 1,111.2 1,219.6 1,338.9 1,338.9 1,338.9 1,338.9 1,338.9 1,338.9 1,338.9 1,338.9 1,338.9 1,338.9 1,338.9 1,338.9 1,347.0 1,947.7 2,139.8	23 60 Taka) Net Benef -14,59 58 64 71 78 86 95 1,05 1,25 1,41 1,55 1,71 1,85 2,08		Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost Cost 0 82 82 82 82 82 82 82 82 82 82	%           d Benefit St           RAMPUR           Co&M Cost           10.00 5           Total           19,428           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82 <tr t=""></tr>	No. 81.6 81.6 (Unit : 1,0 Benefit 0.0 610.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5 1,268.7 1,392.2 1,528.0 1,677.4 1,841.7 2,022.5	24 CO Taka) Net Benefit -19,428 528 586 649 719 796 880 973 1,075 1,187 1,311 1,446 1,596 1,760 1,760 1,941
19 20 Ycar 1 2 3 4 5 5 6 6 7 7 8 9 9 10 11 12 13 14 15 16	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHAI RR-20 3.2 I 14,595 17.0 27.0 612.0 0 612.0 0 612.0 0 612.0 0 612.0 0 612.0 0 612.0 0 612.0 0 612.0 0 612.0 0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 612.0 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612.0 612.0 612.0 612.0 612.0 612.0 610	109 % d Benefit S RAMPUR Km 0&M Cost 10.00 % Total 14,595 54 54 54 54 54 54 54 54 54 54 54 54 54	1,418.0 tream No. 54.4 (Unit : 1,00 639.0 700.2 767.5 841.6 923.0 1,012.6 1,111.2 1,219.6 1,338.9 1,470.1 1,614.4 1,773.1 1,614.4 1,773.1 1,947.7 2,139.8 2,351.1	23 10 Taka) Net Benef -14,59 58 64 71 78 65 1,05 1,05 1,05 1,16 1,25 1,95 1,05 1,16 1,25 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2,95 2		Year 1 2 3 4 5 6 6 7 7 8 9 10 11 12 13 14 15 16	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost Cost 0 82 82 82 82 82 82 82 82 82 82	%           d Benefit St           RAMPUR           Common State           10.00 S           Totel           19,428           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82 <td< td=""><td>No. 81.6 (Unit : 1,0 Benefit 0.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5 1,268.7 1,392.2 1,528.0 1,677.4 1,528.0 1,677.4</td><td>24 C0 Taks) Net Benefit -19,428 528 586 649 719 796 880 973 1,075 1,187 1,311 1,446 1,596 1,760 1,941 2,140</td></td<>	No. 81.6 (Unit : 1,0 Benefit 0.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5 1,268.7 1,392.2 1,528.0 1,677.4 1,528.0 1,677.4	24 C0 Taks) Net Benefit -19,428 528 586 649 719 796 880 973 1,075 1,187 1,311 1,446 1,596 1,760 1,941 2,140
19 20 Ycar 1 1 3 3 4 5 5 6 6 7 7 8 9 9 10 11 1 12 13 14 15 16 17	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHAI RR-20 3.2 J 14,595 17.0 27.0 612.0 0 Cost Cost Cost Cost Cost Cost Cost Cost	109 % d Benefit Si RAMPUR Km 0&M Cost 10.00 % Total 14,595 54 54 54 54 54 54 54 54 54 5	1,418.0 Iream No. 54.4 (Unit : 1,00 639.0 700.2 767.5 841.6 923.0 1,012.6 1,111.2 1,219.6 1,338.9 1,470.1 1,614.4 1,773.1 1,644.4 1,773.1 1,644.4 1,773.1 1,947.7 2,139.8 2,351.1 2,583.5	23 10 Taka) Net Benef -14,55 58 64 71 78 86 65 1,05 1,05 1,05 1,16 1,28 1,44 1,56 1,45 1,56 1,45 1,55 1,05 1,16 1,28 1,45 2,08 2,25 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,52 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,55 2,5		Year 1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost Cost 0 82 82 82 82 82 82 82 82 82 82	%           d Benefit St           RAMPUR           Co&M Cost           10.00 5           Total           19,428           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82 <tr t=""></tr>	No. 81.6 6 (Unit : 1,0 Benefit 0.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5 1,268.7 1,392.2 1,528.0 1,677.4 1,841.7 2,022.5 2,221.4 1,841.7 2,022.5 2,221.4 1,841.7	24 CO Taka) Net Benefit -19,428 528 586 649 719 796 880 973 1,075 1,187 1,311 1,446 1,596 1,760 1,941 2,140 2,358 2,599
19 20 Ycar 1 2 3 4 5 5 6 7 7 8 9 9 10 11 12 13 14 15 16	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHAI RR-20 3.2 1 14,595 17.0 27.0 612.0 Cost Cost Cost Cost Cost Cost Cost Cost	109 % d Benefit S RAMPUR Km O&M Cost 10.00 % Total 14,595 54 54 54 54 54 54 54 54 54 5	1,418.0 Iream No. 54.4 (Unit : 1,00 639.0 700.2 767.5 841.6 923.0 1,012.6 1,219.6 1,338.9 1,470.1 1,614.4 1,773.1 1,644.4 1,773.1 1,947.7 2,139.8 2,351.1 2,439.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5 2,839.5	23 0 Taka) Net Benef -14,55 58 64 71 78 86 95 1,06 1,26 1,41 1,55 2,08 2,25 2,57 2,57 2,57 2,57 2,57 2,57 2,57 2,57 3,06		Ycar 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 19 19	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 376.0 Cost Cost Cost Cost Cost 0 82 82 82 82 82 82 82 82 82 82	%           d Benefit St           RAMPUR           Color           10.00 5           Total           19,428           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82 <td>No. 81.6 6 (Unit : 1,0 Benefit 0.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5 1,268.7 1,392.2 1,528.0 1,677.4 1,841.7 2,022.5 2,221.4 2,440.1 2,680.7 2,945.4</td> <td>24 CO Taks) Net Benefit -19,428 528 586 649 719 796 880 0 973 1,075 1,187 1,311 1,446 1,596 1,760 1,944 2,140 2,3599 2,864</td>	No. 81.6 6 (Unit : 1,0 Benefit 0.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5 1,268.7 1,392.2 1,528.0 1,677.4 1,841.7 2,022.5 2,221.4 2,440.1 2,680.7 2,945.4	24 CO Taks) Net Benefit -19,428 528 586 649 719 796 880 0 973 1,075 1,187 1,311 1,446 1,596 1,760 1,944 2,140 2,3599 2,864
19 20 Ycar 1 2 3 3 4 5 6 6 7 8 9 9 10 11 12 13 14 15 16 17 18	IRR = Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 14,595	109 #NUM! Cost and ANCHAI RR-20 3.2 I 14,595 17.0 27.0 612.0 Cost 0 Cost 0 Cost 0 Cost 0 Cost 0 S4 54 54 54 54 54 54 54 54 54 54 54 54 54	109 % d Benefit Si RAMPUR O&M Cost 10.00 % Total 14,595 54 54 54 54 54 54 54 54 54 5	1,418.0 Iream No. 54.4 (Unit : 1,00 Benefit 0.0 639.0 700.2 767.5 841.6 923.0 1,012.6 1,111.2 1,219.6 1,338.9 1,470.1 1,614.4 1,549.8 1,479.8 2,583.5 2,583.5 2,583.9	23 10 Taka) Net Benefi -14,55 58 64 71 78 86 95 1,00 1,16 1,28 1,41 1,55 2,08 2,25 2,55 2,78 2,78		Year 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Upazila B Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an ANCHA RR-21 4.8 1 19,428 17.0 34.0 576.0 Cost Cost Cost Cost 0 82 82 82 82 82 82 82 82 82 82	%           d Benefit St           RAMPUR           Color Mathematical State           10.00 5           Total           19,428           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82           82	No. 81.6 6 (Unit : 1,0 Benefit 0.0 667.6 731.0 800.7 877.3 961.7 1,054.4 1,156.5 1,268.7 1,392.2 1,528.0 1,677.4 1,841.7 2,022.5 2,221.4 1,841.7 2,022.5 2,221.4 1,841.7	24 CO Takes) Net Benefit -19,428 528 586 649 719 796 880 973 1,075 1,187 1,311 1,446 1,596 1,760 1,941 2,140 2,358 2,599 2,864

#### Table G.1.13 Calculation Table for IRR (Bancharampur Upazila) (6/6)

		Cost an	d Benefit S		r Upazil
				di Casiri	
	Upezile	DEBID	VAR	No.	1
	Name of Road	FB ; Ma	dhy-Compa	nygonji	
	Length of Road	16.4 1	Km		÷.
	Cost	88,128			· .
1.1	Unit O&M Cos	1 20.0	O&M Cost	328.0	
1.1		1,499.0			
	A		10.00 %	tan s	· · · · ·
				(Unit : 1,00	0 Taka)
		Cost			
Year	Construction	∩0€M	Total	Benefit	Net Benefi
	Cost	Cost	۰.		•
· 1	88,128	0	88,128	0.0	-88,12
2		328	328	4,645.0	4,31
3		328	328	4,959.6	4,63
- 4		328	328	5,305.7	4,97
- 5		328	328	5,686.3	5,35
6		328 -		6,105.1	5,77
- 7		328	328	6,565.7	6.23
8		328	328	7,072.3	6.74
- 9	1	328	328	7,629.7	7,30
10		328	328	8,242.7	7,91
11		328	328	8,917.1	8,58
. 12		328	328	9,658.9	9,33
13	•	328	328	10,474.9	10,14
14		328	328	11,372.5	11,04
15		328	328	12,359.8	12,03
16		328	328	13,445.9	13,11
17		328	328	14,640.6	14,31
18		328	328	15,954.8	15,62
19		328	328	17,400.4	17.07
20	1.1.1.1	328	328	18,990.5	18,66
	IRR =	6	76 76		

Table G.1.13	Calculat	ion Tab	le for IRR
(Debi	dwar Upa	zila) (1	/5)
ost and Benefit Stream	m	r	

		Cost and	Benefit S	tream	
	Upazita	DEBIDW	AR	No.	2
	Name of Road	FB- Kali	kapur-Istag	ram	
	Length of Road	12.0 K	1 7		
			;		
	Cost	69,674			
	Unit O&M Cos	20.0	O&M Cost	240.0	1
	Benefit T	796.0			
	Ă	3,314.0	10.00 %		
				(Unit : 1,00	O Taka)
		Cost			
Year	Construction	0&M	Total	Benefit	Net Benefil
	Cost	Cost			
1	69,674	0	69,674	.0.0	-69,674
2		240	240	6,310.0	6,070
3		252	2.52	6,861.4	6,609
4		265	265	7,467.9	7,203
. 5		278	278	8,135.1	7,857
6		292	292	8,869.0	8,577
- 7		306	306	9,676.4	9,370
- 8		322	322	10,564.4	10,243
: 9		338	338	11,541.2	11,204
10		355	355	12,615.7	12,261
; II		372	372	13,797.7	13,425
12		391	-391	15,097.9	14,707
13	:	410	410 431	16,528.1 18,101.3	16,118 17,670
14		431 453	451	19,831.8	19,379
15 16		433	475	21.735.4	21,260
10		499	499	23,829.3	23,330
18	÷	524	524	26,132.7	25,609
19		550	550	28,666.3	28,116
20		578	578	31,453.4	30,876
	iRR =	14 9			<u></u>

		Cost and	d Benefit S	tream	
	Upazila	1	. 7	No.	3
	Name of Road	FB			-
	Leagth of Ros	ad 8.2 I	Km		*
	Cost	55,465	1 1 I I I		
	Unit O&M Co		O&M Cost	164.0	
	Benefit	T 180.0			
•		A 1,992.0	10.00 %		
				(Unit : 1,000	Taka)
		Cost			
Yea	r Constructi	on O&M	Total	Benefit	Net Benefi
	Cost	Cost			
	1 55,465	0	55,465	0.0	-55,46
. 1	2	164	164	2,172.0	2,008
	3	172	172	2,371.2	2,199
	4 ·	181	181	2,590.3	2,410
	4 5	190	- 190	2,831.4	2,642
	6	199	199	3,096.5	2,89
	7	209	209	3,388.1	3.17
	8 .	220	220	3,708.9	3,48
	9	231	231	4,061.8	3,83
	0	242	242	4,450.0	4,20
i		254	254	4,877.0	4,62
	2	267	267	5,346.7	5,08
1 1		280	280	5,863.4	5,58
	4	295	295	6,431.7	6,13
	5	309	309	7,056.9	6,74
1 . 1	6	325	325	7,744.6	7,421
1		341	341	8,501.1	8,16
1		358	358	9,333.2	8,97
	9	376	376	10,248.5	9.87.
	0	395	395	11,255.4	10,86
·	IRR =	5			<del></del>

		Cost and	d Benefit S	tream	
	Jpazila			No.	4
	•	<b>.</b> .			
	Name of Rosa Length of Rosa		V		
	Lengus of Roe Cost	64,731	AUI -		
	Jait O&M C		O&M Cost	285.6	
-		r 914.0			
<u>_</u>		3.515.0	10.00 %		
		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		(Unit : 1,00	0 Taka)
		Cost		<u>,</u>	
¥	Constructio		Total	Benefit	Net Benefit
Ycar	Constructio	Cost	TOTAL	Denetit	ner beijent
	1.081				
1	64,731	0	64,731	0.0	-64,731
2		286	286	4,429.0	4,143
3		300	300	4,780.5	4,481
- 4		315	315	5,167.2	4,852
5		331	331	5,592.5	5,262
6		347	347	6,060.3	5,713
. 7		365	365	6,574.9	6,210
8		383	383	7,141.0	6,758
9		402	402	7,763.7	7,362
10		422	422	8,448.7	8,027
11		443	443	9,202.2	8,759
12		465	465	10,031.0	9,566
- 13		488	488	10,942.7	10,454
14		513	513	11,945.6	11,433
15		539	539	13,048.7	12,510
16		565	565	14,262.2	13,697
17		594	594	15,597.0	15,003
18		623	623	17,065.3	16,442
<b>19</b>		655	655	18,680.5	18,026
20		687	.687	20,457.1	19,770
	IRR =	10 5	%		

		Cost an	d Benefit S	Stream		].		1.164	Cost an	d Benefit Str	eam	
	Upažila	DEBID	WAR	No.	4			Upazila	DEBID	WAR	No.	6
								· · · · · · · · · · ·	FB; Sep	era		
		RR-Fult			· · · ·	{	<b>}</b>			· · ·	· .	
	Length of Road	20.3	Km	2 E S	- *	1.		Length of Road	6.0	Kaa	1.1	· *
	Cost	66,400		and setting	1.1	1	1	Cost	19,579	a sugar	:	
	Unit O&M Cost	مستجيب مستحير والم	O&M Cos	345.1			'	Unit O&M Cost	20.0	O&M Cost	120.0	
			Usersi Cos			]		Benefit T	114.0	s i di	<del>مىسىدەت بەربوماغ</del> ى	
	Benefit T	618.0	10.00	7			.		1,267.0	10.00 %		
	<u>A</u>	2,244.0	10.00 7		() Taka)	1.1	l ·'				(Unit : 1,0	00 Taka)
		<u></u>		(our riter		ť	┢┈╧╍╍┕		Cost			
	Construction	Cost	Total	Benefit	Net Beach		Year	Construction	O&M	Total	Benefit	Net Benefi
Yca	Construction Cost	Cost	10141	Deneric	INCL DOGOD			Cost	Cost		· · · · ·	
						4	ļ					10.57
. 1	65,400	. 0	66,400	0.0	-66,40		1 1	19,579	0		0.0	
2		345	345	2,862.0	2,51		2	and the second second	120	120	1,381.0	1,26
3	p e i	345	345	3,086.4	2,74		3		120	120	1,647.1	1,58
4	e e e e e e e e e e e e e e e e e e e	345	345	3,333.2	2,98		4		120	120	1,800.4	1,52
5	i i i i i i i i i i i i i i i i i i i	345	345	3,604.8	3,26		5	·	120	120 120	1,969.0	1,84
6		345	345	3,903.4	3,55	<u></u>	0		120	120	2,154.5	2,03
· 7	· · · · ·	345	345	4,232.0	3,88		1 7	1. A. 1.	120	120	2,358.6	2,00
8		345	345	4,593.4	4,24		8   9		120	120	2,583.0	2,46
. 9	) <u></u>	345	345	4,990.9	4,644		· ·	1. A.	120	120	2,829.9	
10	11	345	345	5,428.2	5,08		10		120	120	3,101.5	2,98
11		345	345	5,909.2	5,56		12	1. I I I I I I I I I I I I I I I I I I I	120	120	3,400.3	3,28
12		345	345	6,438.4	6,09.		13		120	120	3,728.9	3,60
13		345	345	7,020.4	6,67 7,310		14		120	120	4,090.4	3,97
14		345	345 345	7,650.6 8,364.9	8,020		15		120	120	4,488.0	
15		345	345	8,304.9 9,139.6	8,79		16	· · ·	120	120	4,925.4	4,80
16		345 345	345	9,991.7	9,64		17	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	120	120	5,406.6	5,28
17 18		345	345	10,929.1	10,58		18	1.000	120	120	5,935.8	5,81
18		345	345	11,960.2	10,55		1 19		120	120	6,518.0	6,39
20		345	345	13,094.5	12,745		20	te da juli	120	120	7,158.4	7,03
						4	<b> </b>	IRR =				

#### Table G.1.13 Calculation Table for IRR (Debidwar Unazila) (2/5)

		Cost an	d Benefit St	tream		
	Upazila	DEBID	WAR	No.	7	
	Name of Road Length of Road Cost Unit O&M Cost	FB; Yus 2.5 12,928 20.0		50.0		
.	Benefit To	4.0	10.00 %			
	<u>^</u>	110.0		(Unit : 1,00	00 Taka)	
		Cost				: [
Year			Total	Benefit	Net Benefit	
· . *	Cost	Cost				
1	12,928	0	12,928	0.0	-12,928	.   .
2		50	50	180.0	130	
3	· · ·	50	50	197.6	148	
4	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	50	50	217.0	167	
5		50	50	238.3	188	1
. 6		50	50	261.7	212	<b> </b> -
1		50	50	287.4	237	
8	· · · ·	50	50	315.8	266	
9		50	50	347.0	297	- E
10		50	50	. 381.3	331	1 H -
11		50	50	419.0	369	
12		50	50	460.5	410	
13		-50	50	506.1	456	
14		50	50	556.4	506	1 I
15		50	50	611.6	562	
16		50	50	672.4	622	
17	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	50	50	739.2	689	an an tao an
18	- · · ·	50	50	812.7	763	
19		50	50	893.6	844	
20		50	50	982.5	933	1 <b>1</b> 4 4

-4 %

IRR =

<u> </u>	<u></u>	Cost and	d Benefit St	ream	
Ţ	Upazila	DEBID	YAR	No.	8
1	Name of Road	FB	the state of the s		
	Length of Road	10.1 1	նո		- A
	Cost	39,052		1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	
Ĩ	Unit O&M Cost	20.0	O&M Cost	202.0	The second
1	Benefit T	183.0			8 B B
-	A	1,184.0	10.00 %	5	
				(Unit : 1,000	Taka)
		Cost			
Year	Construction	O&M	Total	Benefit	Net Benefit
	Cost	Cost	and the second	n hande	· ·
1	39,052	. 0	39,052	0.0	-39,052
2	39,052	202	202	1,367.0	1,165
3	.'	202	202	1.485.4	1,283
4		202	202	1.615.6	1,414
5		202	202	1,758.9	1,557
- 6	1	202	202	1,916.5	1,714
1	a de la composición d	202	202	2,089.8	1,883
8		202	202	2,280.5	2,079
9	1	202	202	2,490.3	2,288
10		202	202	2,721.0	2,519
11		202	202	2,974.8	2,773
12		202	202	3,254.0	3,052
13	and the states	202	202	3,561.1	3,359
14		202	202	3,898.9	3,697
15		202	202	4,270.5	4,068
16	) south fr	202	202	4,679.2	4,477
17	1. A. 197	202	202	5,128.9	4,927
18		202	202	5,623.4	5,421
3 . 19	e de las	202	202	6,167.5	5,965
20	1.5.5	202	202	6,765.9	6,564
1.1					
	IRR =	3 9	6	125	

•	1 - A 1		d Benefit S	5. C				•	·	i Benefit St		
	Upazila	DEBID	WAR	No.	<u>9</u>			Upazila	DEBIDY	VAR	No.	10
		RR	: 		-			Name of Road Length of Road				· ·
	Length of Roed	12.1	Km					•		SIN .		
	Cost	39,923	0	205.7				Cost Unit O&M Cost	47,060	O&M Cost	228,0	
	Unit O&M Cost Benefit T	<u>17.0</u> 466.0	O&M Cost	203.1			••	Benefit T		Califican	220,0	
	<u>A</u>		10.00 %	; "(Unit : 1,00	() Taka)	- 14			2,138.0	10.00 9	6 (Unit : 1.00	() Taka)
	• • • • • • • • • • • • • • • • • • • •	Cost	~~~	(6411 - 140	· · · · · · · · · · · · · · · · · · ·				Cost			
Ycan	Construction Cost	O&M Cost	Total	Benefit	Net Benefit		Year	Construction Cost	O&M Cost	Total	Benefit	Net Ber
- 1		0	39,923	0.0	-39,923 2,924		1	47,060	0 228	47,060 228	0.0 2,519.0	-47,
2		206 206	206	3,130.0 3,396.4	2,924		3	÷ .	228	228	2,734.8	2,
4		206	2.06	3,689.4	3,484		- 4		228	228	2,912.2	2
. 5		206	206	4,011.8	3,806		· 6		228 228	228 228	3,233.3 3,520.5	3,
- 7		206 206	206 206	4,366.4 4,756.4	4,161 4,551		7		228	228	3,836.5	3,
8	<b>1</b>	: 206	205	5,185.4	4,980		- 8		228	228	4,184.0	3,
9		206	206	5,657.4 6,176.5	5,452 5,971		9 10		228 228	228	4,566.3 4,986.9	4.
10		206	206 206	6,747.6	6,542		- 11		228	228	5,449.5	5,
12	2	206	206	7,375.7	7,170		12		228	228	5,958.3	. 5,
13		206 206	206 206	8,066.7 8,826.8	7,861 8,621	·	13 14		228 228	228 228	6,518.0 7,133.7	6, 6,
14		206	206	9,662.9	9,457		15	•	228	228	7,811.0	7,
16	<b>i</b>	206	206	10,582.5	10,377		16	· .	228	228	8,556.0	8,
17		206 206	206 206	11,594.2 12,707.0	11,388 12,501	- I	17	•	228 228	228 228	9,375.5 10,277.0	9. 10,
18		206	206	13,931.1	13,725		19		228	228	11,268.5	11,
20		206	206	15,277.6	15,072		20	· · ·	228	228	12,359.3	12,
	IRR =	12	76			1		IRR =	7 9	6		
						ן ו			·····		·····	
 	Upazila	Cost and DEBID	d Benefit S		 []]			Upezila Name of Road	DEBIDV	I Benefit St VAR		12
	Upazila	Cost an	d Benefit S VAR		<u></u>		I	Upazila Name of Road Length of Road	DEBIDV	VAR		12
	Upazila Nome of Road	Cost and DEBID RR	d Benefit S VAR		<u>II</u>		1 1	Name of Road	DEBIDV RR	VAR		12
	Upazila Name of Road Length of Road	Cost and DEBID RR 12.4 1 60,044	d Benefit S VAR	No. 1	<u>II</u>		1 1 (	Name of Road Length of Road	DEBIDW RR 14.9 F 67,254	VAR		12
	Upazila Name of Road Length of Road Cost	Cost and DEBID RR 12.4 1 60,044	d Benefit S VAR Km	No. 1	<u>II</u>		1 1 1	Name of Road Length of Road Cost	DEBIDW RR 14.9 ¥ 67,254 17.0 542.0	VAR . Sm	<u>No.</u> 253.3	12
	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	Cost and DEBID RR 12.4 1 60,044 17.0 749.0 2,953.0	d Benefit S VAR Km O&M Cost	No. 1			1 1 1	Name of Road Length of Road Cost Unit O&M Cost Benefit T	DEBIDW RR 14.9 ¥ 67,254 17.0 542.0 2,665.0	VAR Sm <u>O&amp;M Cost</u>	<u>No.</u> 253.3	
Year	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A	Cost and DEBID RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost	d Benefit S VAR Km O&M Cost	No. 1			1 1 1	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDV RR 14.9 ¥ 67,254 17.0 542.0 2,666.0 Cost	VAR 533 0&M Cost 10.00 9 Total	<u>No.</u> 253.3 6 7 (Unit : 1,00 Benefit	0 Taka) Net Ber
• • 1	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBID\ RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost 0	d Benefit S WAR <u>O&amp;M Cost</u> 10.00 % Total 60,044	No. 210.8 (Unit : 1,90 Benefit 0.0	0 Taka) Net Benefit -60,044		l i i Year	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	DEBIDV RR 14.9 4 67,254 17.0 542.0 2,666.0 Cost Cost Cost 0	VAR 0&M Cost 10.00 9 Total 67,254	<u>No.</u> 253.3 (Unit : 1,00 Benefit 0.0	0 Taka) Net Ber -67,
1	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost Cost 0 211	d Benefit S WAR Km <u>0&amp;M Cost</u> 10.00 % Total 60,044 211	No. 1 210.8 (Unit : 1,90 Benefit 0.0 3,702.0	0 Taka) Net Benefit -60,044 3,491		l i i Year 1 2	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDV RR 14.9 F 67,254 17.0 542.0 2,666.0 Cost Cost Cost	VAR 533 0&M Cost 10.00 9 Total	<u>No.</u> 253.3 6 7 (Unit : 1,00 Benefit	0 Taka) Net Ber -67, 2, 3,
• • 1	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit S WAR <u>O&amp;M Cost</u> <u>10.00 %</u> Total 60,044 211 211 211	No. 1 210.8 (Unit : 1,00 Benefit 0.0 3,702.0 3,997.3 4,322.1	0 Taka) Net Benefit -60,044 3,491 3,787 4,111		Year 1 2 3 4	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDV RR 14.9 F 67,254 17.0 542.0 2,666.0 Cost Cost Cost Cost 0 253 253 253	VAR <u>O&amp;M Cost</u> 10.00 9 Total 67,254 253 253	No. 253.3 6 (Unit : 1,00 Benefit 0.0 3,208.0 3,474.6 3,767.9	0 Taka) Net Ber -67, 2, 3,
1 2 3 4 5	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost Cost 0 211 211 211	d Benefit S WAR O&M Cost 10.00 % Total 60,044 211 211 211 211	No. 1 210.8 (Unit : 1,00 Benefit 0.9 3,702.0 3,997.3 4,322.1 4,679.4	0 Taka) Net Benefit -60,044 3,491 3,787 4,111 4,469		( 1 1 1 2 3 4 5	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDV RR 14.9 F 67.254 17.0 542.0 2,666.0 Cost Cost Cost Cost 0 253 253 253 253 253	VAR 0&M Cost 10.00 9 Total 67,254 253 253 253 253	No. 253.3 6 (Unit : 1,00 Benefit 0.0 3,208.0 3,474.6 3,767.9 4,090.4	0 Taka) Net Ber -67, 2, 3, 3, 3,
1 2 3 4 5 6	Upazila Name of Road Length of Roso Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEB1DV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost Cost Cost Cost Cost 211 211 211 211	d Benefit S WAR 0&M Cost 10.00 % Total 60,044 211 211 211 211 211	No. 1 210.8 (Unit : 1,00 Benefit 0.0 3,702.0 3,997.3 4,322.1	0 Taka) Net Benefit -60,044 3,491 3,787 4,111 4,469 4,862		Year 1 2 3 4	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDV RR 14.9 F 67,254 17.0 542.0 2,666.0 Cost Cost Cost Cost 0 253 253 253	VAR <u>O&amp;M Cost</u> 10.00 9 Total 67,254 253 253	No. 253.3 6 (Unit : 1,00 Benefit 0.0 3,208.0 3,474.6 3,767.9	0 Taka) Net Bee -67, 2, 3, 3, 3, 4, 4,
1 2 3 4 5 6 7 8	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit S WAR <u>O&amp;M Cost</u> 10.00 % Total 60,044 211 211 211 211 211 211 211	No. 1 210.8 (Unit : 1,00) Benefit 0.0 3,702.0 3,997.3 4,322.1 4,679.4 5,072.5 5,504.8 5,980.4	0 Teka) Net Benefit 3,491 3,787 4,111 4,469 4,862 5,294 5,770		Vcar 1 2 3 4 5 6 7 7 8	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDV RR 14.9 F 67,254 17.0 542.0 2,665.0 Cost Cost Cost Cost Cost 0 253 253 253 253 253 253 253 253	VAR <u>O&amp;M Cost</u> 10.00 9 Total 67,254 253 253 253 253 253 253 253 253	No. 253.3 (Unit : 1,00) Bonefit 0.0 3,208.0 3,474.6 3,767.9 4,090.4 4,445.3 4,835.6 5,265.0	0 Taka) Net Bor -67, 2, 3, 3, 4, 4, 5, 5,
1 2 3 4 5 6 7 8 9	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit S WAR <u>O&amp;M Cost</u> 10.00 % Total 60,044 211 211 211 211 211 211 211 211 211	No. 1 210.8 (Unit : 1,00 Benefit 0.0 3,702.0 3,997.3 4,322.1 4,679.4 5,072.5 5,504.8 5,580.4 6,503.6	0 Teka) Net Benefit 3,491 3,787 4,111 4,469 4,862 5,294 5,770 6,293		Year 1 2 3 4 5 6 7 8 9	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDV RR 14.9 F 67,254 17.0 542.0 2,668.0 Cost Cost Cost Cost Cost 0 253 253 253 253 253 253 253 253 253 253	VAR 0.&M Cost 10.00 9 Total 67,254 253 253 253 253 253 253 253 253	No. 253.3 6 (Unit : 1,00 Benefit 0.0 3,208.0 3,474.6 3,767.9 4,090.4 4,445.3 4,835.6 5,265.0 5,265.0 5,737.3	0 Taka) Net Ber -67, 3, 3, 4, 4, 5, 5,
1 2 3 4 5 6 7 7 8 8 9 9	Upazila Nome of Road Length of Roso Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit S WAR 0&M Cost 10.00 % Total 60,044 211 211 211 211 211 211 211 211 211	No. 1 210.8 (Unit : 1,00) Benefit 0.0 3,702.0 3,997.3 4,322.1 4,679.4 5,072.5 5,504.8 5,980.4	0 Teka) Net Benefit 3,491 3,787 4,111 4,469 4,862 5,294 5,770		Vcar 1 2 3 4 5 6 7 7 8	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDW RR 14.9 F 67,254 17.0 542.0 2,666.0 Cost 0 Cost 0 Cost 0 Cost 0 253 253 253 253 253 253 253 253 253 253	VAR C&M Cost 10.00 9 Total 67,254 253 253 253 253 253 253 253 253	No. 253.3 (Unit : 1,00) Bonefit 0.0 3,208.0 3,474.6 3,767.9 4,090.4 4,445.3 4,835.6 5,265.0	0 Taka) Net Bor -67, 2, 3, 3, 4, 4, 5, 5, 6,
1 2 3 4 5 6 7 8 9 10 11 12	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 745.0 2,953.0 Cost Cost Cost Cost Cost Cost Cost 211 211 211 211 211 211 211 211 211	d Benefit S WAR <u>O&amp;M Cost</u> 10.00 % Total 60,044 211 211 211 211 211 211 211 211 211 2	No. 210.8 (Unit : 1,00) Benefit 0.0 3,702.0 3,997.3 4,322.1 4,679.4 5,072.5 5,504.8 5,980.4 6,503.6 7,079.0 7,712.0 8,408.3	0 Teka) Net Benefit -60,044 3,491 3,787 4,111 4,469 4,862 5,294 5,770 6,293 6,868 7,501 8,198		Year Year 1 2 3 4 5 6 7 8 9 10 11 12	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDW RR 14.9 F 67,254 7,20 2,666.0 Cost Cost Cost Cost Cost Cost Cost Cost	VAR O&M Cost 10.00 9 Total 67,254 253 253 253 253 253 253 253 253	No. 253.3 (Unit : 1,00 Benefit 0.0 3,208.0 3,474.6 3,767.9 4,090.4 4,445.3 4,835.6 5,265.0 5,737.3 6,256.8 6,828.3 7,456.9	0 Taka) Net Ber -67, 2, 3, 3, 3, 4, 5, 5, 6, 6, 7,
1 2 3 4 5 6 7 8 9 9 10 11 12 13	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost Cost Cost 211 211 211 211 211 211 211 211 211 21	d Benefit S WAR More Cost 0.600 % Total 60,044 211 211 211 211 211 211 211 211 211 2	No. 210.8 (Unit : 1,00) Benefit 0.0 3,702.0 3,997.3 4,322.1 4,679.4 5,072.5 5,504.8 5,980.4 6,503.6 7,079.0 7,712.0 8,408.3 9,174.3	0 Teka) Net Benefit 3,491 3,787 4,111 4,469 4,862 5,294 5,770 6,293 6,868 7,501 8,198 8,963		Year Year 1 2 3 4 5 6 6 7 8 9 9 10 11 12 13	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDW RR 14.9 F 67,254 17.0 542.0 2,668.0 Cost Cost Cost Cost Cost 0 253 253 253 253 253 253 253 253 253 253	VAR O&M Cost 10.00 9 Total 67,254 253 253 253 253 253 253 253 253	No. 253.3 (Unit : 1,00 Benefit 0.0 3,208.0 3,474.6 3,767.9 4,090.4 4,445.3 3,767.9 4,090.4 4,445.3 5,265.0 5,737.3 6,256.8 6,828.3 7,456.9 8,148.4	0 Taka) Net Ber -67, 2, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7,
1 2 3 4 5 6 7 8 9 10 11 12	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 745.0 2,953.0 Cost Cost Cost Cost Cost Cost Cost 211 211 211 211 211 211 211 211 211	d Benefit S WAR <u>O&amp;M Cost</u> 10.00 % Total 60,044 211 211 211 211 211 211 211 211 211 2	No. 210.8 (Unit : 1,00) Benefit 0.0 3,702.0 3,997.3 4,322.1 4,679.4 5,072.5 5,504.8 5,980.4 6,503.6 7,079.0 7,712.0 8,408.3	0 Teka) Net Benefit -60,044 3,491 3,787 4,111 4,469 4,862 5,294 5,770 6,293 6,868 7,501 8,198		Year Year 1 2 3 4 5 6 7 8 9 10 11 12	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDW RR 14.9 F 67,254 7,20 2,666.0 Cost Cost Cost Cost Cost Cost Cost Cost	VAR O&M Cost 10.00 9 Total 67,254 253 253 253 253 253 253 253 253	No. 253.3 (Unit : 1,00 Bearefit 0.0 3,208.0 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,474.6 3,475.9 4,690.4 4,445.3 4,835.6 5,265.0 8,474.6 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,474.5 3,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9 1,475.9	0 Taka) Net Ber -67, 2, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 8, 9,
1 2 3 4 5 6 7 8 9 10 11 12 13 14 14 15 16	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 745.0 2,953.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit S WAR Mark 0&M Cost 10.00 % Total 60,044 211 211 211 211 211 211 211 211 211 2	No. 210.8 (Unit : 1,00 Benefit 0.0 3,702.0 3,997.3 4,322.1 4,679.4 5,504.8 5,980.4 6,503.6 7,079.0 7,712.0 8,408.3 9,174.3 10,016.8 10,943.6 11,963.0	0 Taka) Net Benefit -60,044 3,491 3,787 4,111 4,469 4,862 5,294 5,770 6,293 6,868 7,501 8,198 8,963 9,806 10,733 11,752		Year Year Year 1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDW RR 14.9 F 67,254 7,266 2,666,0 2,666,0 Cost 0,253 253 253 253 253 253 253 253 253 253	VAR O&M Cost 10.00 9 Total 67,254 253 253 253 253 253 253 253 253	No. 253.3 (Unit : 1,00 Benefit 0.0 3,208.0 3,474.6 3,767.9 4,090.4 4,445.3 4,835.6 5,265.0 5,737.3 6,256.8 6,828.3 7,456.9 8,148.4 8,909.1 9,745.8 10,666.1	0 Taka) Net Ber -67, 2, 3, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 7, 8, 9,
1 2 3 4 5 6 6 7 7 8 9 9 10 11 12 13 13 14 15 16 17	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost Cost Cost Cost 211 211 211 211 211 211 211 211 211 21	d Benefit S WAR Mark 0.22M Cost 10.00 % Total 60,044 211 211 211 211 211 211 211 211 211 2	No. 210.8 (Unit : 1,00 Benefit 0.0 3,702.0 3,997.3 4,322.1 4,679.4 5,070.5 5,504.8 5,980.4 6,503.6 7,079.0 7,712.0 8,408.3 9,174.3 10,016.8 10,943.6 11,963.0 13,084.4	0 Teka) Net Benefit 3,491 3,787 4,111 4,469 4,862 5,294 5,770 6,293 6,868 7,501 8,198 8,963 9,806 10,733 11,752 12,874		Vear Vear 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDW RR 14.9 F 67,254 17.0 542.0 2,666.0 Cost Cost Cost Cost Cost Cost Cost Cost	VAR O&M Cost 10.00 9 Total 67,254 253 253 253 253 253 253 253 253	No. 253.3 (Unit : 1,00 Benefit 0.0 3,208.0 3,474.6 3,767.9 4,090.4 4,445.3 4,835.6 5,265.0 5,737.3 6,256.8 6,828.3 7,456.9 8,148.4 8,909.1 9,745.8 10,666.1 11,678.5	0 Taka) Net Ber -67, 2, 3, 3, 4, 5, 5, 6, 6, 7, 7, 8, 9, 10, 11,
1 2 3 4 5 6 6 7 7 8 8 9 0 10 11 12 13 14 14 15 16 17 18 19	Upazila Nome of Road Length of Roso Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost 0 211 211 211 211 211 211 211 211 211 2	d Benefit S WAR MAR 0&M Cost 10.00 % 10.00 % 1	No. 210.8 (Unit : 1,00 Benefit 0.0 3,702.0 3,702.0 3,997.3 4,322.1 4,679.4 5,072.5 5,504.8 5,980.4 6,503.6 7,079.0 7,712.0 8,408.3 9,174.3 10,016.8 10,943.6 11,963.0 13,084.4 14,318.0 15,674.9	0 Taka) Net Benefit -60,044 3,491 3,787 4,111 4,469 4,862 5,294 4,862 5,294 4,862 5,294 6,293 6,868 7,501 8,198 8,963 9,806 10,733 11,752 12,874 14,107 15,464		Year Year 1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 17 18 19	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDW RR 14.9 F 67,254 7,254 17.0 542.0 2,666.0 Cost 0 Cost 0 Cost 0 Cost 0 253 253 253 253 253 253 253 253 253 253	VAR O&M Cost 10.00 9 Total 67,254 253 253 253 253 253 253 253 253	No. 253.3 ( (Unit : 1,00 Bcosefit 0.0 3,208.0 3,474.6 3,767.9 4,090.4 4,445.3 4,835.6 5,737.3 6,256.8 6,828.3 7,456.9 8,148.4 8,909.1 9,745.8 10,666.1 11,678.5 12,792.2 14,017.2	0 Taka) Net Ber -67, 2, 3, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 8, 9, 10, 11, 12, 13
1 2 3 4 5 6 6 7 7 8 8 9 9 0 10 11 12 13 14 14 15 16 17 18	Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit S WAR Mark 0.200 % 10.00 % Total 60,044 211 211 211 211 211 211 211 211 211 2	No. 210.8 (Unit : 1,00 Benefit 0.0 3,702.0 3,997.3 4,322.1 4,679.4 5,072.5 5,504.8 5,980.4 6,503.6 7,712.0 7,712.0 7,712.0 7,712.0 7,712.0 7,712.0 7,712.0 1,0016.8 10,943.6 11,963.0 13,084.4 14,318.0	0 Taka) Net Benefit 3,491 3,787 4,111 4,469 4,862 5,294 5,770 6,293 6,868 7,501 8,198 8,963 9,806 10,733 11,752 12,874 14,107		Vear 1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18	Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 67,254	DEBIDW RR 14.9 F 67,254 7,2665.0 2,666.0 Cost Cost Cost Cost Cost Cost Cost Cost	VAR O&M Cost 10.00 9 Total 67,254 253 253 253 253 253 253 253 253	No. 253.3 (Unit : 1,00 Benefit 0.0 3,208.0 3,474.6 3,767.9 4,090.4 4,445.3 4,835.6 5,265.0 5,737.3 6,256.8 6,828.3 7,456.9 8,148.4 8,909.1 9,745.8 10,666.1 11,678.5 12,792.2	0 Taka) Net Ber -67, 2, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 7, 8, 9, 100
1 2 3 4 4 5 6 7 7 8 9 9 10 11 12 13 13 14 14 14 15 16 17 18 19	Upazila Nome of Road Length of Roso Cost Unit O&M Cost Benefit T A Construction Cost 60,044	Cost and DEBIDV RR 12.4 1 60,044 17.0 749.0 2,953.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit S WAR Mark 0.200 % 10.00 % Total 60,044 211 211 211 211 211 211 211 211 211 2	No. 210.8 (Unit : 1,00 Benefit 0.0 3,702.0 3,702.0 3,997.3 4,322.1 4,679.4 5,072.5 5,504.8 5,980.4 6,503.6 7,079.0 7,712.0 8,408.3 9,174.3 10,016.8 10,943.6 11,963.0 13,084.4 14,318.0 15,674.9	0 Taka) Net Benefit -60,044 3,491 3,787 4,111 4,469 4,862 5,294 4,862 5,294 4,862 5,294 6,293 6,868 7,501 8,198 8,963 9,806 10,733 11,752 12,874 14,107 15,464		Year Year 1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 17 18 19	Name of Road Length of Road Coat Unit O&M Coal Benefit T A Construction Cost	DEBIDW RR 14.9 F 67,254 7,254 17.0 542.0 2,666.0 Cost 0 Cost 0 Cost 0 Cost 0 253 253 253 253 253 253 253 253 253 253	VAR O&M Cost 10.00 9 Total 67,254 253 253 253 253 253 253 253 253	No. 253.3 ( (Unit : 1,00 Bcosefit 0.0 3,208.0 3,474.6 3,767.9 4,090.4 4,445.3 4,835.6 5,737.3 6,256.8 6,828.3 7,456.9 8,148.4 8,909.1 9,745.8 10,666.1 11,678.5 12,792.2 14,017.2	0 Taka) Net Ber -67, 2, 3, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 8, 9, 10, 11, 12, 13,

## Table G.1.13 Calculation Table for IRR

		~			n Opaza	(4/5)		Cost on	d Benefit St	ream	
		Cost and	d Benefit S	tream				COSEAN	u Deuenii Oi	r casu	
		DEBID	VAD	No.	13		Upazila	DEBID	VAR	No.	14
-				110.				· · · ·			
Né	ame of Road	RR				.	Name of Road			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Le	ength of Road	9.91	Km		tan ing t		Length of Road	9.1 1	Km	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	
		Sec. 1.1					Cart	41,862	4.54		
Co	ost	42,437	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	Cost				· · · .
Ur	nit O&M Cost	17.0	O&M Cost	168.3	1.12	<b>}</b> ↓ .	Unit O&M Cost	17.0	O&M Cost	154.7	. 14.
R	enefit T	398.0			1999 - State St		Benefit T	737.0	19 - M.		
		1,858.0	10.00 %	·	·		A	1,235.0	10.00 9		
1		1,000.0		Unit ; 1,00	00 Taka)					(Unit : 1,00	0 Taka)
		Cost		<u> </u>				Cost			
			Total	Benefit	Net Benefi	Year	Construction		Total	Benefit	Net Benef
Ycar	Construction		Total	Dettettt	TVCC DORCH		Cost	Cost			
	Cost	Cost								·	•
1	42,437	0	42,437	0.0	-42,431		41,862	0	41,862	0.0	-41,86
2		168	168	2,256.0	2,088	2		155	-155	1,972.0	1,81
3		168	168	2,441.8	2,274		a de la composición d	155	155	2,095.5	1,94
4		168	168	2,646.2	2,478			155	155	2,231.4	2,07
5		168	168	2,871.0	2,703		1	155	155	2,380.8	2,22
6	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	168	168	3,118.3	2,950		3	155	155	2,545.2	2,39
		168	168	3,390.3	3,222	. 7		155	155	2,726.0	2,57
: 8		168	168	3,689.6	3,521	8	· · · ·	155	155	2,924.9	2,77
	· · · ·	168	168	4,018.7	3,850	9		155	155	3,143.7	2,98
10		168	168	4,380.8	4,212	10	a far de la	155	155	3,384.3	3,23
11		168	168	4,779.1	4,611	1	1 A.	155	155	3,649.1	3,49
12	5 A. A.	168	168	5,217.2	5,049	1 1		155	155	3,940.3	3,78
13		168	168	5,699.1	5,531	13	1	155	155	4,260.6	4,10
14		168	168	6,229.2	6,061	14		155	155	4,613.0	4,45
- 15 -		168	168	6,812.3	6,644		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	155	155	5,000.6	4,84
16	÷.,	168	168	7,453.8	7,28			155	155	5,426.9	5,27
.17		168	168	8,159.3	7,99	17		155	155	5,895.9	5,74
18		168	168	8,935.5	8,76	18		155	. 155	6,411.8	6,25
			168					155	155	6,979.3	6,82
				9.789.Z	9.62	1 6 17					7 11
19	·	168		9,789.2 10.728.3	9,62 10,56			155	155	7,603.5	7,44
		168	168	9,789.2	9,62 10,56					7,603.5	7,44
19	IRR =	168 7	168	10,728.3				5 :			7,44
19 20	pazila	168 7 Cost an DEBIDV	168 % d Benefit S	10,728.3 Stream			IRR =	5 s Cost an DEBIDY	% d Benefit St	ream	1,44 16
19 20 	pazila ame of Road	168 7 Cost an DEBID RR	168 % d Benefit S WAR	10,728.3 Stream	10,56		IRR = Upazila Nange of Road	5 S Cost an DEBIDY RR	% d Benefit St WAR	ream	
19 20 	pazila	168 7 Cost an DEBIDV	168 % d Benefit S WAR	10,728.3 Stream	10,56		IRR = Upazila Name of Road Length of Road	5 S Cost an DEBIDY RR 5.2 I	% d Benefit St WAR	ream	
19 20 	pazila ame of Road	168 7 Cost an DEBID RR	168 % d Benefit S WAR	10,728.3 Stream	10,56		IRR = Upazila Nange of Road	5 S Cost an DEBIDY RR	% d Benefit St WAR	ream	
19 20 U N L C	pazila ame of Road ength of Road ost	168 7 Cost an DEBID RR 20.3 98,870	168 % d Benefit S WAR Km	10,728.3 Stream No.	10,56		IRR = Upazila Name of Rosd Length of Rosd Cost	5 9 Cost an DEBID RR 5.2 1 16,043	d Benefit St WAR Km	ream	
19 20 U ₄ Na La <u>Ca</u> U	pazila ame of Road ength of Road ost nit O&M Cost	168 7 Cost an DEBID RR 20.3 98,870 17.0	168 % d Benefit S WAR	10,728.3 Stream No.	10,56		IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost	5 1 Cost an DEBIDY RR 5.2 1 16,043 17,0	% d Benefit St WAR	ream No.	
19 20 Uj Ni La Ci U	pazila ame of Road ength of Road ost nit O&M Cost enefit T	168 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0	168 % d Benefit S WAR Km O&M Cost	10,728.3 Stream No. 345.1	10,56		IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	5 9 Cost an DEBID RR 5.2 1 16.043 17.0 135.0	% d Benefit St WAR Km O&M Cost	геат No. 88.4	
19 20 Uj Ni La Ci U	pazila ame of Road ength of Road ost nit O&M Cost enefit T	168 7 Cost an DEBID RR 20.3 98,870 17.0	168 % d Benefit S WAR Km	10,728.3 Stream No. 345.1	10,56		IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	5 1 Cost an DEBIDY RR 5.2 1 16,043 17,0	d Benefit St WAR Km	геат No. 88.4	<u>16</u>
19 20 U ₄ Na La <u>Ca</u> U	pazila ame of Road ength of Road ost nit O&M Cost enefit T	168 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0	168 % d Benefit S WAR Km O&M Cost	10,728.3 Stream No. 345.1	10,56		IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T	5 1 Cost an DEBIDV RR 5.2 1 16,043 17.0 135.0 1,503.0	% d Benefit St WAR Km O&M Cost	геат No. 88.4	<u>16</u>
19 20 U ₁ Nu La <u>Cr</u> <u>U</u> <u>B</u>	pazila ame of Road ength of Road ost nit O&M Cost enefit T A	168 7 Cost an DEBIDV RR 20.3 98,870 17.0 1,258.0 4,987.0 Cost	168 % d Benefit S WAR Km <u>O&amp;M Cost</u> 10.00 9	10,728.3 Stream No, 345.1	10,56		IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T <u>A</u>	5 1 Cost an DEBIDV RR 5.2 1 16.043 17.0 135.0 135.0 1,503.0 Cost	% d Benefit St WAR Km <u>O&amp;M Cost</u> 10.00 9	ream No. 88.4 (Unit : 1.00	16 0 Teka)
19 20 Uj Ni La Ci U	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction	168 7 Cost an DEBIDV RR 20.3 98,870 1,258.0 4,987.0 Cost O&M	168 % d Benefit S WAR Km O&M Cost	10,728.3 Stream No. 345.1	10,56		IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	5 5 Cost an DEBIDV RR 5.2 1 16.043 17.0 135.0 1,903.0 Cost O&M	% d Benefit St WAR Km O&M Cost	геат No. 88.4	16 0 Teka)
19 20 U ₁ Nu La <u>Cu</u> <u>U</u> <u>B</u>	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction	168 7 Cost an DEBIDV RR 20.3 98,870 17.0 1,258.0 4,987.0 Cost	168 % d Benefit S WAR Km <u>O&amp;M Cost</u> 10.00 9	10,728.3 Stream No, 345.1	10,56		IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T <u>A</u>	5 1 Cost an DEBIDV RR 5.2 1 16.043 17.0 135.0 135.0 1,503.0 Cost	% d Benefit St WAR Km <u>O&amp;M Cost</u> 10.00 9	ream No. 88.4 (Unit : 1.00	16 0 Teka)
19 20 U ₁ Ni LA <u>C</u> <u>UJ</u> <u>B</u>	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0 Cost Cost	168 % d Benefit S WAR Km O&M Cost 10.00 9 Total	10,728.3 Stream No. 345.1 (Unit : 1,00 Benefit	10,56 15 20 Taka) Net Benefi	Year	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an DEBIDV RR 5.2 1 16,043 17.0 135.0 1,503.0 Cost Cost	% d Benefit St WAR Km <u>O&amp;M Cost</u> 10.00 9 Total	ream No. 88.4 (Unit : 1,00 Benefit	16 0 Teka) Net Benef
19 20 U ₁ N. LA <u>CU</u> <u>U</u> 1 <u>B</u> 4 Year	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction	168 7 Cost an DEBIDV RR 20.3 98,870 17.0 1,258.0 4,987.0 Cost Cost Cost 0	168 % d Benefit S WAR Km O&M Cost 10.00 9 Total 98,870	10,728.3 Stream No, 345.1 GUnit : 1,00 Benefit 0.0	10,56 15 00 Taka) Net Benefi -98,870	20	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction	5 1 Cost an DEBIDV RR 5.2 1 16.043 17.0 135.0 1,503.0 Cost Cost Cost 0	% d Benefit St WAR <u>O&amp;M Cost</u> <u>10.00 9</u> Total 16,043	ream No. 88.4 (Unit : 1.00 Benefit 0.0	16 0 Teka) Net Benef -16,04
19 20 U ₁ NN LA C( U) <u>B</u> Year i 2	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 Cost an DEBIDV RR 20.3 98,870 17.0 1,258.0 4,987.0 Cost Cost Cost O&M Cost 0 345	168 % d Benefit S WAR Km O&M Cost 10.00 9 Total 98,870 345	10,728.3 Stream No. 345.1 (Unit : 1,00 Benefit 0.0 6,245.0	10,56 15 00 Taka) Net Benefi -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87( -98,87	20 	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 5 Cost an DEBID RR 5.2 1 16.043 17.0 135.0 1,503.0 Cost Cost Cost 0 88	% d Benefit St WAR MAR <u>O&amp;M Cost</u> 10.00 9 Total 16,043 88	ream No. 88.4 (Unit : 1,00 Benefit 0.0 2,038.0	16 0 Teka) Net Benej -16,04 1,95
19 20 U ₁ NN LA C( U) <u>B</u> Year 1 2 3	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0 Cost Cost Cost Cost 0 345 345	168 % d Benefit S WAR Km O&M Cost 10.00 9 Total 98,870 345 345	10,728.3 Stream No. 345.1 6 (Unit : 1,00 Benefit 0.0 6,245.0 6,743.7	10,56 15 00 Taka) Net Benefi -98,87 5,90 6,39	20 	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an DEBID RR 5.2 1 16.043 17.0 135.0 1,503.0 Cost Cost Cost 0 88 88 88	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88	ream No. 88.4 (Unit : 1.00 Benefit 0.0 2,038.0 2,228.3	16 0 Teka) Net Benef -16,04 1,95 2,14
19 20 U ₁ Nu La <u>C</u> <u>U</u> <u>B</u> Year 1 2 3 4	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0 Cost Cost Cost Cost Cost 0 345 345 345	168 % d Benefit S WAR Co&M Cost 10.00 9 Total 98,870 345 345 345	10,728.3 Stream No. 345.1 (Unit : 1,00 Benefit 0.0 6,245.0 6,743.7 7,292.3	10,56 15 20 Taka) Net Benefi -98,87 5,90 6,39 6,94	20 Year 1 2 3 4	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost	5 1 Cost an DEBIDV RR 5.2 1 16.043 17.0 135.0 1,503.0 Cost O&M Cost 0 88 88 88	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88	ream No. 88.4 (Unit : 1,00 Benefit 2,038.0 2,228.3 2,437.6	16 0 Teka) Net Benef -16,04 1,95 2,14 2,34
19 20 U ₁ N ₁ L4 C <u>U</u> B4 Year 1 2 3 4 5	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0 Cost Cost Cost Cost 0 345 345 345 345	168 % d Benefit S WAR Coan O&M Coan 10.00 9 Total 98,870 345 345 345 345	10,728.3 Stream No. 345.1 (Unit : 1,00 Benefit 0,00 6,743.7 7,292.3 7,895.7	10,56 15 20 Taka) Net Benefi -98,87 5,90 6,94 7,55	20 Year 1 2 3 4 4 5	IRR = Upazila Name of Road Length of Road Length of Road Unit O&M Cost Unit O&M Cost Benefit T A Construction Cost 16,043	5 5 Cost an DEBIDV RR 5.2 1 16,043 17.0 135.0 1,503.0 Cost Cost Cost 0 88 88 88 88 88 88	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88	ream No. 88.4 (Unit : 1,00 Benefit 0.0 2,038.0 2,228.3 2,437.6 2,667.9	16 0 Teka) Net Bener -16,04 1,95 2,14 2,34 2,37
19 20 U ₁ N. La Ca U ₁ <u>B</u> Year 1 2 3 4 5 6	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBIDV RR 20.3 98,870 17.0 1,258.0 4,987.0 Cost Cost Cost Cost Cost 0 345 345 345 345 345	168 % d Benefit S WAR Km O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345	10,728.3 3tream No. 345.1 6 (Unit : 1,00 Benefit 0.0 6,245.0 6,743.7 7,292.3 7,895.7 8,559.5	10,56 15 20 Taka) Net Benefi -98,87( 5,90) 6,94 7,55 8,21	20 	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 16,043	5 5 Cost an DEBID RR 5.2 1 16,043 17.0 135.0 135.0 135.0 135.0 Cost Cost Cost Cost Cost 0 88 88 88 88 88 88 88	% d Benefit St WAR Cost 10.00 % Total 16,043 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1.00 Benefit 2,038.0 2,228.3 2,437.6 2,667.9 2,921.2	16 0 Teka) Net Benef -16,04 1,95 2,14 2,37 2,83
19 20 U ₁ NN LA C( U) <u>B</u> Year i 2 3 4 5 6 7	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0 7 Cost Cost Cost Cost Cost 0 345 345 345 345 345 345	168 % d Benefit S WAR Km O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345	10,728.3 3tream No. 345.1 6 (Unit : 1,00 Benefit 0.0 6,245.0 6,743.7 7,292.3 7,895.7 9,289.6	10,56 15 15 00 Taka) Net Benefi -98,87 5,90 6,39 6,39 6,39 6,34 7,55 8,21 8,94	20  Year  1  2  3  4  5 6 7	IRR = Upazila Name of Rosd Length of Rosd Cost Unit O&M Cost Benefit T A Construction Cost 16,043	5 5 Cost an DEBID RR 5.2 1 16.043 17.0 1350.0 1,503.0 Cost Cost Cost Cost 0 88 88 88 88 88 88 88 88 88 88	% d Benefit St WAR Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1.00 Benefit 0.0 2.038.0 2.228.3 2.437.6 2.667.9 2.921.2 3.199.8	16 0 Teka) Net Benef -16,04 1,95 2,14 2,34 2,57 2,83 3,11
19 20 U ₁ NN LA C( U) BA Year 1 2 3 4 5 6 6 7 8	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0 Cost Cost Cost Cost Cost 0 345 345 345 345 345 345	168 % d Benefit S WAR O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345 345 345	10,728.3 3tream No. 345.1 6 (Unit : 1,00 Benefit 0.0 6,245.0 6,743.7 7,292.3 7,895.7 8,559.5 9,289.6 10,092.8	10,56 15 15 15 15 15 15 15 15 15 15	20 Year 1 2 3 4 5 6 7 7 8	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 16,043	5 1 Cost an DEBIDV RR 5.2 1 16.043 17.0 135.0 1,503.0 Cost Cost Cost Cost 0 8 88 88 88 88 88 88 88 88 88 88 88 88	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	No. 88.4 (Unit : 1,00 Beoefit 2,038.0 2,228.3 2,437.6 2,667.9 2,921.2 3,199.8 3,506.3	16 0 Teka) Net Benef -16,04 1,95 2,14 2,34 2,57 2,83 3,11 3,41
19 20 U ₁ Nu La C( U <u>1</u> ) Ba Year i 2 3 4 5 6 7 8 9	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0 7 0 8,870 1,258.0 4,987.0 Cost Cost Cost Cost Cost 0 345 345 345 345 345 345 345 345	168 % d Benefit S WAR Co&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345 345 345	10,728.3 Stream No. 345.1 (Unit : 1,00 6 (Unit : 1,00 6,245.0 6,743.7 7,292.3 7,895.7 8,559.5 9,289.6 10,092.8 10,976.3	10,56 15 15 00 Taka) Net Benefi -98,874 5,904 6,394 6,394 6,394 6,394 7,55 8,214 8,944 9,744 10,633	20 Year 1 2 3 4 4 5 6 6 7 8 9 9	IRR = Upazila Name of Road Length of Road Cost Unit O&M Coal Benefit T <u>A</u> Construction Cost 16,043	5 5 Cost an DEBIDV RR 5.2 1 16,043 17.0 135.0 1,503.0 Cost Cost Cost Cost Cost Cost Cost Cost	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1,00 Benefit 0.0 2,038.0 2,228.3 2,437.6 2,667.9 2,921.2 3,199.8 3,506.3 3,843.4	0 Teka) Net Benef -16,04 1,95 2,14 2,34 2,57 2,83 3,11 3,41 3,41 3,45
19 20 U ₄ N ₁ LA C <u>U</u> U ₁ BR Year Year i 2 3 4 5 6 7 7 8 9 10	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0 7.0 8,870 17.0 1,258.0 4,987.0 Cost Cost Cost Cost Cost 0 345 345 345 345 345 345 345	168 % d Benefit S WAR Coan O&M Cosn 10.00 9 Total 98,870 345 345 345 345 345 345 345 345 345 345	10,728.3 Stream No. 345.1 (Unit : 1,00 Benefit 0.0 6,245.0 6,743.7 7,292.3 7,895.7 8,559.5 9,289.6 10,992.8 10,976.3 11,948.1	10,56 15 20 Taka) Net Benefi -98,87 5,90 6,34 7,55 8,21 8,94 9,74 10,63 11,60	20 	IRR = Upazila Name of Road Length of Road Cost Unit O&M Coal Benefit T <u>A</u> Construction Cost 16,043	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1,00 Benefit 0,0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,038.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0 2,040.0	16 0 Teka) Net Benef -16,04 1,95 2,14 2,34 2,34 2,37 2,83 3,11 3,41 3,41 3,75 4,12
19 20 U ₁ NA LA C( UL) BR Year Year 1 2 3 4 5 6 7 8 9 10 11	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBIDV RR 20.3 98,870 17.0 1,258.0 4,987.0 Cost Cost Cost Cost Cost Cost Cost Cost	168 % d Benefit S WAR Km O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345	10,728.3 3tream No. 345.1 6 (Uait : 1,00 Benefit 0.0 6,245.0 6,743.7 7,292.3 7,895.7 8,559.5 9,289.6 10,092.8 10,976.3 11,948.1 13,017.1	10,56 15 15 00 Taka) Net Benefi -98,87 5,90 6,39 6,94 7,55 8,21 8,94 9,74 10,63 11,60 12,67 12,67	20 Year 1 2 3 4 5 6 7 8 9 9 10 11	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 16,043	5 5 Cost an DEBID RR 5.2 1 16,043 17.0 135.0 135.0 135.0 135.0 Cost O&M Cost O&M Cost O \$8 88 88 88 88 88 88 88 88 88 88 88 88 8	% d Benefit St WAR Co&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1.00 Benefit 2,038.0 2,228.3 2,437.6 2,667.9 2,921.2 3,199.8 3,506.3 3,843.4 4,214.2 4,622.2	16 0 Teka) Net Benef -16,04 1,95 2,14 2,37 2,13 3,11 3,41 3,71 3,41 3,75 4,12 4,53
19 20 U ₁ NN LA C( U) BR Year I 2 3 4 5 6 6 7 8 9 10 11 12	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0 0 8,870 1,258.0 4,987.0 Cost Cost Cost Cost Cost Cost 0 345 345 345 345 345 345 345 345	168 % d Benefit S WAR Km O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345 345 345	10,728.3 Stream No. 345.1 6 (Unit : 1,00 Benefit 0.0 6,245.0 6,743.7 7,292.3 7,895.7 8,559.5 9,289.6 10,992.8 10,976.3 11,948.1 13,017.1 14,193.0	10,56 15 15 15 15 15 15 15 15 15 15	20 Year 1 2 3 4 5 6 7 7 8 9 0 11 1 12	IRR = Upazila Name of Rosd Length of Rosd Cost Unit O&M Cost Benefit T A Construction Cost 16,043	5 1 Cost an DEBID RR 5.2 1 16.043 17.0 135.0 1,503.0 Cost Cost Cost 0 88 88 88 88 88 88 88 88 88	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1,00 Benefit 2,038.0 2,228.3 2,437.6 2,667.9 2,921.2 3,199.8 3,506.3 3,843.4 4,214.2 4,622.2 5,070.9	0 Teka) Net Benef -16,04 1,95 2,14 2,34 2,57 2,82 3,11 3,41 3,75 4,12 4,53 4,98
19 20 U ₁ N ₁ La C( U) Ba Year 1 2 3 4 5 6 6 7 8 9 10 11 12 13	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 1,258.0 4,987.0 7.0 1,258.0 4,987.0 Cost Cost Cost Cost Cost Cost Cost Cost	168 % d Benefit S WAR O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345 345 345	10,728.3 Stream No. 345.1 (Unit : 1,00 Benefit (Unit : 1,00 6,743.7 7,292.3 7,895.7 8,559.5 9,289.6 10,092.8 10,976.3 11,948.1 13,017,1 14,193.0 15,486.5	10,56 10,56 15 15 00 Taka) Net Benefi 5,900 6,39 6,39 6,39 6,39 6,39 6,39 6,39 1,55 8,21 8,94 9,74 10,63 11,60 12,67 13,84 15,14 15,14	20 Year 1 2 3 4 4 5 6 6 7 7 8 9 10 11 12 13	IRR = Upazila Name of Road Length of Road Cost Unit O&M Coat Benefit T Construction Cost 16,043	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	No. No. 88.4 (Unit : 1,00 Benefit 0.0 2,038.0 2,228.3 2,437.6 2,667.9 2,921.2 3,199.8 3,506.3 3,843.4 4,214.2 4,622.2 5,070.9 5,564.5	0 Teka) Net Benel -16,04 1,95 2,14 2,34 2,35 2,13 3,11 3,41 3,75 4,12 4,53 3,11 3,41 3,75 4,12 4,53 3,41 3,75 4,12 4,53 5,47
19 20 U ₁ N ₁ L4 C <u>U</u> <u>U₁ B4 Year 1 2 3 4 5 6 7 7 8 9 10 11 12 13 14</u>	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0 7 0 345 345 345 345 345 345 345 345 345 345	168 % d Benefit S WAR Coant O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345 345 345	10,728.3 Stream No. 345.1 (Unit : 1,00 6,245.0 6,743.7 7,292.3 7,895.7 8,559.5 9,289.6 10,092.8 10,976.3 11,948.1 13,017.1 14,193.0 15,486.5 16,909.3	10,56 10,56 15 15 Net Benefi -98,874 5,900 6,394 6,394 7,55 8,214 8,944 10,633 11,607 12,677 13,844 15,144 16,56	20 Year 1 2 3 4 4 5 6 6 7 7 9 10 11 12 2 3 3 4 4 5 6 10 11 12 13 13	IRR = Upazila Name of Road Length of Road Cost Unit O&M Coal Benefit T A Construction Cost 16,043	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1,00 Benefit 0.0 2,038.0 2,228.3 2,437.6 2,667.9 2,921.2 3,199.8 3,506.3 3,506.3 3,843.4 4,214.2 4,622.2 5,564.5 6,107.4	0 Teka) Net Benel -16,04 1,95 2,14 2,34 2,34 2,35 2,42 3,11 3,41 3,41 3,45 4,52 4,53 4,58 4,53 4,58 4,53 4,58 4,53 4,55 4,53 4,55 4,55 4,55 4,55 4,55
19 20 U ₄ N ₄ LA C ₄ U ₄ B ₈ Year Year i 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	168 % d Benefit S WAR Km O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345	10,728.3 Stream No. 345.1 (Unit : 1,00 Benefit 0.0 6,245.0 6,743.7 7,292.3 7,895.7 8,559.5 9,289.6 10,092.8 10,976.3 11,948.1 13,017.1 14,193.0 15,486.5 16,909.3 18,474.5	10,56 15 15 15 15 15 15 15 15 15 15	20 Year 1 2 3 4 4 5 6 6 7 7 8 8 9 10 11 12 13 13 14 15	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 16,043	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	% d Benefit St WAR Co&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1.00 Benefit 0.0 2.038.0 2.038.0 2.28.3 2.437.6 2.667.9 2.921.2 3.199.8 3.506.3 3.843.4 4.214.2 4.622.2 5.070.9 5.564.5 6.107.4 6.704.7	16 0 Teka) Net Bener -16,04 1,95 2,14 2,34 2,35 2,83 3,11 3,41 3,75 4,12 4,53 4,52 4,53 4,52 4,53 4,52 4,53 4,54 5,47 6,01 6,01 6,01
19 20 U ₁ NA LA C( U) BR Year Year i 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBIDV RR 20.3 98,870 17.0 1,258.0 4,987.0 7 Cost Cost Cost Cost Cost Cost Cost Cost	168 % d Benefit S WAR Km O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345	10,728.3 3tream No. 345.1 6 (Unit : 1,00 8,45.0 6,743.7 7,292.3 7,895.7 9,289.6 10,092.8 10,976.3 11,948.1 13,017.1 14,193.0 15,486.5 16,909.3 18,474.5 20,196.1	10,56 10,56 15 15 00 Taka) Net Benefri -98,87 5,90 6,39 6,94 7,55 8,21 8,94 9,74 10,63 11,60 12,67 13,84 15,14 16,56 18,12 19,85	20 20 Year 1 2 3 4 5 6 6 7 7 8 9 9 10 11 12 13 14 15 16	IRR = Upazila Name of Rosd Length of Rosd Cost Unit O&M Cost Benefit T A Construction Cost 16,043	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1.00 Benefit 0.0 2.038.0 2.228.3 2.437.6 2.667.9 2.921.2 3.199.8 3.506.3 3.843.4 4.214.2 4.622.2 5.070.9 5.564.5 6.107.4 7,361.6	16 0 Teka) Net Benef -16,04 1,95 2,14 2,34 2,57 2,83 3,11 3,41 3,75 4,12 4,53 4,53 4,58 4,58 4,58 4,58 4,58 4,58 4,58 4,58
19 20 U ₁ NN LA CC UU BR Year I 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 1,258.0 Cost 0 0 3455 3455 3455 3455 3455 3455 3455	168 % d Benefit S WAR WAR 10.00 9 10.00 9	10,728.3 Stream No. 345.1 6 (Unit : 1,00 Benefit 0.0 6,245.0 6,743.7 7,292.3 7,895.7 9,289.6 10,992.8 10,976.3 11,948.1 13,017.1 14,193.0 15,486.5 16,909.3 18,474.5 20,196.1 22,089.9	10,56 10,56 15 15 00 Taka) Net Benefi 	20 Year 1 2 3 4 5 6 7 7 8 9 0 10 11 12 13 14 14 5 16 17	IRR = Upazila Name of Rosd Length of Rosd Cost Unit O&M Cost Benefit T Construction Cost 16,043	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	No. 88.4 (Unit : 1,00 Benefit 0.0 2,038.0 2,228.3 2,437.6 2,667.9 2,921.2 3,199.8 3,506.3 3,843.4 4,214.2 4,622.2 5,070.9 5,564.5 6,107.4 6,704.7 7,361.6 8,084.3	16 0 Teka) Net Benef -16,04 1,95 2,14 2,34 2,37 2,83 3,11 3,41 3,75 4,12 4,53 3,41 3,75 4,12 4,53 3,41 3,75 4,12 4,53 5,47 6,01 6,61 7,72 7,99
19 20 U ₁ N ₁ L4 C <u>U</u> U <u>4</u> B4 Year Year I 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 17 18	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 1,258.0 4,987.0 7.0 1,258.0 4,987.0 Cost Cost Cost Cost Cost Cost Cost Cost	168 % d Benefit S WAR O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345 345 345	10,728.3 Stream No. 345.1 (Unit : 1,00 Benefit (Unit : 1,00 6,245.0 6,743.7 7,292.3 7,895.7 8,559.5 9,289.6 10,992.8 10,976.3 11,948.1 13,017.1 14,193.0 15,486.5 16,909.3 18,474.5 20,196.1 22,089.9 24,173.1	10,56 10,56 15 15 00 Taka) Net Benefi -98,87 5,900 6,39 6,39 6,39 6,39 6,39 6,39 6,39 6,39 1,60 12,67 13,84 10,63 11,60 12,67 13,84 15,14 16,56 18,12 19,85 21,74 23,824 23,824 23,824 24,25 21,74 23,824 24,25 21,74 23,824 24,25 21,74 23,824 24,25 21,74 23,824 24,25 21,74 23,824 24,25 21,74 23,824 24,25 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,74	20 Year 1 2 3 4 5 6 6 7 7 8 9 10 12 13 14 15 13 14 15 17 7 18	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T Construction Cost 16,043	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1,00 Benefit 0.0 2,038.0 2,228.3 2,437.6 2,667.9 2,921.2 3,199.8 3,506.3 3,843.4 4,214.2 4,622.2 5,070.9 5,564.5 6,107.4 6,704.7 7,361.6 8,084.3 8,879.2	0 Teka) Net Benef -16,04 1,955 2,14 2,34 2,37 2,83 3,11 3,41 3,75 4,12 4,53 4,12 4,53 3,41 3,41 3,75 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,12 4,53 4,54 4,55 4,12 4,53 4,54 4,55 4,54 4,55 4,54 4,55 4,54 4,55 4,54 4,55 4,54 4,55 4,54 4,55 4,54 4,55 4,54 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4,55 4
19 20 U ₁ NL LA CC UJ1 BR Year Year 1 2 3 4 5 6 7 7 8 9 10 11 12 13 14 15 16 7 18 19	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 17.0 1,258.0 4,987.0 7 0 345 345 345 345 345 345 345 345 345 345	168 % d Benefit S WAR Coant O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345 345 345	10,728.3 Stream No. 345.1 (Unit : 1,00 Benefit 0.0 6,245.0 6,743.7 7,292.3 7,895.7 8,559.5 9,289.6 10,092.8 10,976.3 11,948.1 13,017.1 14,193.0 15,486.5 16,909.3 18,474.5 20,196.1 22,089.9 18,474.5 20,196.1 22,089.9 24,173.1 26,464.6	10,56 15 15 20 Taka) Net Benefi -98,87 5,90 6,39 6,94 7,55 8,21 8,94 10,63 11,60 12,67 13,84 15,14 16,56 18,12 19,85 21,74 23,822 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124 26,124	20 Year 1 2 3 4 5 6 7 7 9 10 11 12 13 14 15 16 16 16 17 18 19	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 16,043	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1,00 Benefit 0.0 2,038.0 2,228.3 2,437.6 2,667.9 2,921.2 3,199.8 3,506.3 3,843.4 4,214.2 4,622.2 5,564.5 6,107.4 6,704.7 7,361.6 8,084.3 8,879.2 9,753.7	16 0 Teka) Net Benef -16,04 1,95 2,14 2,34 2,34 2,34 2,37 2,83 3,11 3,41 3,41 3,41 3,75 4,12 4,53 4,92 6,61 6,61 7,27 7,99 8,79 9,66
19 20 U ₁ N ₁ L4 C <u>U</u> U <u>4</u> B4 Year Year I 2 3 4 5 6 7 7 8 9 9 10 11 12 13 14 15 16 17 18	pazila ame of Road ength of Road ost nit O&M Cost enefit T A Construction Cost	168 7 7 Cost an DEBID RR 20.3 98,870 1,258.0 4,987.0 7.0 1,258.0 4,987.0 Cost Cost Cost Cost Cost Cost Cost Cost	168 % d Benefit S WAR O&M Cost 10.00 9 Total 98,870 345 345 345 345 345 345 345 345 345 345	10,728.3 Stream No. 345.1 (Unit : 1,00 Benefit (Unit : 1,00 6,245.0 6,743.7 7,292.3 7,895.7 8,559.5 9,289.6 10,992.8 10,976.3 11,948.1 13,017.1 14,193.0 15,486.5 16,909.3 18,474.5 20,196.1 22,089.9 24,173.1	10,56 10,56 15 15 00 Taka) Net Benefi -98,87 5,900 6,39 6,39 6,39 6,39 6,39 6,39 6,39 6,39 1,60 12,67 13,84 10,63 11,60 12,67 13,84 15,14 16,56 18,12 19,85 21,74 23,824 23,824 23,824 24,25 21,74 23,824 24,25 21,74 23,824 24,25 21,74 23,824 24,25 21,74 23,824 24,25 21,74 23,824 24,25 21,74 23,824 24,25 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,745 24,74	20 Year 1 2 3 4 5 6 7 7 9 10 11 12 13 14 15 16 16 16 17 18 19	IRR = Upazila Name of Road Length of Road Cost Unit O&M Cost Benefit T A Construction Cost 16,043	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	% d Benefit St WAR O&M Cost 10.00 9 Total 16,043 88 88 88 88 88 88 88 88 88 88 88 88 88	ream No. 88.4 (Unit : 1,00 Benefit 0.0 2,038.0 2,228.3 2,437.6 2,667.9 2,921.2 3,199.8 3,506.3 3,843.4 4,214.2 4,622.2 5,070.9 5,564.5 6,107.4 6,704.7 7,361.6 8,084.3 8,879.2	0 Teka) Net Benef -16,04 1,955 2,14 2,34 2,37 2,83 3,11 3,41 3,75 4,12 4,53 3,41 3,41 3,41 3,75 4,12 4,53 3,19 6,01 6,61 7,27 7,99 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8,79 8

### Table G.1.13 Calculation Table for IRR

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#### Table G.1.13 Calculation Table for IRR (Debidwar Upazila) (5/5)

	1. 	· · · ·	d Benefit S		
	Upazila	DEBID	WAR	No.	17
	Name of Road	RR	je sterio i t		
	Length of Road	17.4	Km		
· .	Cost	70,495		· · · · ·	
	Unit O&M Cos		O&M Cost	295.8	
	Benefit T		·		
	A	2,216.0	10.00 9	6	
				(Unit : 1,00	O Taka)
v		Cost	Total	Benefit	Net Benefit
Ycar	Construction Cost	Cost	Total	Denetic	Net Dellette
1	70,495	0 295	70,495 296	0.0 3,007.0	70,495 2,711
23	1.1	296	296	3,228.6	2,933
4		296	296	3,472.4	3 177
5		296	296	3,740.5	3,445
6		296	296	4,035.4	3,740
- 7. - 8		296 296	296 296	4,359.9	4,064 4,421
9		296		5,109.4	4,814
10		296	296	5,541.2	5,245
11		296	296	6,016.2	5,720
12		296 296	296 296	6,538.7 7,113.5	6,243 6,818
14		296	296	7,745.8	7,450
15		296	296	8,441.2	8.145
16		296	296	9,205.3	8,910
17 18		296 296	296 296	10,047.8 10,973.5	9,752 10,678
19		296	296	11,991.7	11,695
20		296	296	13,111.8	12,816
	IRR =	4 Cost and	% d Benefit S	Stream	
· · · · · · · · · · · · · · · · · · ·	IRR == Upazila	Cost and DEBID	d Benefit S	·	19
	Upazila Name of Road	Cost and DEBIDV RR	d Benefit S WAR	·	19
	Upazila Name of Road Length of Road	Cost and DEBIDV RR 12.01	d Benefit S WAR	·	19
	Upazila Name of Road Length of Road Cost	Cost and DEBIDV RR 12.0 1 52,078	d Benefit S WAR Km	<u>No.</u>	19
	Upazila Name of Road Length of Road Cost Unit O&M Cos	Cost and DEBIDV RR 12.0 1 52,078 1 17.0	d Benefit S WAR	<u>No.</u>	<u>19</u>
	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T	Cost and DEBIDV RR 12.01 52,078 1 17.0 87.0	d Benefit S VAR Km O&M Cost	<u>No.</u>	<u>19</u>
	Upazila Name of Road Length of Road Cost Unit O&M Cos	Cost and DEBIDV RR 12.01 52,078 1 17.0 87.0	d Benefit S WAR Km	No. 204.0	
	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T	Cost and DEBIDV RR 12.01 52,078 17.0 87.0 490.0	d Benefit S VAR Km O&M Cost	<u>No.</u>	
Year	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T	Cost and DEBIDM RR 12.01 52,078 1 17.0 87.0 490.0 Cost	d Benefit S VAR Km O&M Cost	No. 204.0	
Year	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 1 17.0 87.0 480.0 Cost 1 0&M	d Benefit S WAR Km <u>O&amp;M Cost</u> 10.00 9	No. : 204.0 6 (Unit : 1,00	0 Taka)
. 2	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T <u>A</u> Construction	Cost and DEBIDV RR 12.01 52,078 17.0 87.0 490.0 Cost Cost Cost 0 204	d Benefit S WAR O&M Cost 10.00 9 Total 52,078 204	No. 204.0 (Unit : 1,00 Benefit 0.0 577.0	0 Taka) Net Benefit -52,078 373
. 2 -3	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 1.17.0 87.0 490.0 204 204 204	d Benefit S WAR 0&M Cost 10.00 9 Total 52,078 204 204	No. 204.0 6 (Unit : 1,00 Benefit 0.0 577.0 626.0	0 Taka) Net Benefit -52,078 373 422
2 -3 -4	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 1.17.0 87.0 480.0 Cost Cost Cost Cost Cost 0 204 204 204	d Benefit S WAR 0&M Cost 10.00 9 Total 52,078 204 204 204	No. 204.0 6 (Unit : 1,00 Benefit 0.0 577.0 626.0 679.9	0 Taka) Net Benefit -52,078 373 422 476
. 2 -3	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 1.17.0 87.0 490.0 204 204 204	d Benefit S WAR 0&M Cost 10.00 9 Total 52,078 204 204	No. 204.0 6 (Unit : 1,00 Benefit 0.0 577.0 626.0	0 Taka) Net Benefit -52,078 373 422
2 3 4 5 6 7	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 1.17.0 87.0 490.0 204 204 204 204 204 204 204 204 204	d Benefit S WAR O&M Cost 10.00 9 Total 52,078 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,00 Benefit 0.0 577.0 626.0 679.9 739.2 804.4 876.1	0 Taka) Net Benefit -52,078 373 422 476 5355 600 672
2 3 4 5 6 7 8	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 1.17.0 87.0 430.0 Cost Cost Cost Cost Cost Cost 0 & 204 204 204 204 204 204 204	d Benefit S WAR Cost 10.00 9 Total 52,078 204 204 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,00) Benefit 0.0 577.0 626.0 679.9 739.2 804.4 876.1 955.1	0 Taka) Net Benefit -52,078 373 422 476 535 600 672 751
2 3 4 5 6 7 8 9	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 1.00 52,078 1.00 87.0 480.0 Cost 0.00 204 204 204 204 204 204 204 204 204 2	d Benefit S WAR 0&M Cost 10.00 9 Total 52,078 204 204 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,00 Benefit 0.0 577.0 626.0 679.9 739.2 804.4 876.1 955.1 1,041.9	0 Taka) Net Benefit -52,078 373 422 476 535 600 672 751 838
2 3 4 5 6 7 8	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 1.17.0 87.0 430.0 Cost Cost Cost Cost Cost Cost 0 & 204 204 204 204 204 204 204	d Benefit S WAR 0&M Cost 10.00 9 Total 52,078 204 204 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,00) Benefit 0.0 577.0 626.0 679.9 739.2 804.4 876.1 955.1	0 Taka) Net Benefit -52,078 373 422 476 535 600 672 751
2 3 4 5 6 7 8 9 10 11 12	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 1 17.0 87.0 490.0 Cost Cost Cost Cost Cost Cost 0 204 204 204 204 204 204 204 204 204 2	d Benefit S WAR O&M Cost 10.00 9 Total 52,078 204 204 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,00 Benefit 0.0 577.0 626.0 679.9 739.2 804.4 876.1 955.1 1,041.9 1,137.4 1,242.4 1,357.9	0 Taka) Net Benefit -52,078 373 422 476 535 600 672 751 838 933 1,038 1,154
2 3 4 5 6 7 8 9 10 11 12 13	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 1 17.0 87.0 480.0 Cost 1 0&M Cost 0 204 204 204 204 204 204 204 204 204 204	d Benefit S WAR Km 0&M Cost 10.00 9 Total 52,078 204 204 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,00 Benefit 0.0 577.0 626.0 679.9 739.2 804.4 876.1 955.1 1,041.9 1,137.4 1,242.4 1,357.9 1,485.0	0 Taka) Net Benefit -52,078 373 422 476 535 600 672 751 838 933 1,038 1,154 1,281
2 3 4 5 6 7 8 9 10 11 12 13 14	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 17.0 87.0 480.0 Cost 0 204 204 204 204 204 204 204 204 204 2	d Benefit S WAR Cost 0&M Cost 10.00 9 Total 52,078 204 204 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,00 Benefit 0.0 577.0 626.0 679.9 739.2 804.4 876.1 955.1 1,041.9 1,137.4 1,242.4 1,357.9 1,485.0 1,624.8	0 Taka) Net Benefit -52,078 373 422 476 535 600 672 751 838 933 1,038 1,154 1,281 1,421
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 10.0 87.0 490.0 Cost 10&M Cost 0 204 204 204 204 204 204 204 204 204 2	d Benefit S WAR Km 0&M Cost 10.00 9 Total 52,078 204 204 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,00 Benefit 0.0 577.0 626.0 679.9 739.2 804.4 876.1 955.1 1,041.9 1,137.4 1,242.4 1,357.9 1,485.0 1,624.8 1,778.6	0 Taka) Net Benefit -52,078 373 422 476 535 600 672 751 838 933 1,038 1,154 1,281 1,421 1,575
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 17.0 87.0 480.0 Cost 0 204 204 204 204 204 204 204 204 204 2	d Benefit S WAR Cost 0&M Cost 10.00 9 Total 52,078 204 204 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,00 Benefit 0.0 577.0 626.0 679.9 739.2 804.4 876.1 955.1 1,041.9 1,137.4 1,242.4 1,357.9 1,485.0 1,624.8	0 Taka) Net Benefit -52,078 373 422 476 535 600 672 751 838 933 1,038 1,154 1,281 1,421
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost	Cost and DEBIDV RR 12.01 52,078 1 17.0 87.0 480.0 Cost Cost Cost Cost Cost Cost Cost Cost	d Benefit S WAR 0&M Cost 10.00 9 Total 52,078 204 204 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,00) Benefit 0.0 577.0 626.0 679.9 739.2 804.4 876.1 955.1 1,041.9 1,137.4 1,242.4 1,357.9 1,485.0 1,624.8 1,778.6 1,947.8 2,133.9 2,338.5	0 Taka) Net Benefit -52,078 373 422 476 535 600 672 751 838 933 1,038 1,154 1,281 1,421 1,575 1,744 1,930 2,135
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Upazila Name of Road Length of Road Cost Unit O&M Cos Benefit T A Construction Cost 52,078	Cost and DEBIDV RR 12.01 52,078 1 17.0 87.0 490.0 Cost 0 204 204 204 204 204 204 204 204 204 204	d Benefit S WAR 0&M Cost 10.00 9 Total 52,078 204 204 204 204 204 204 204 204 204 204	No. 204.0 (Unit : 1,00 Benefit 0.0 577.0 626.0 679.9 739.2 804.4 876.1 955.1 1,041.9 1,137.4 1,242.4 1,357.9 1,485.0 1,624.8 1,778.6 1,947.8 2,133.9	0 Taka) Net Benefit -52,078 373 422 476 535 600 672 751 838 933 1,038 1,154 1,281 1,421 1,575 1,744 1,930

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		Cost an	d Benefit St	ream	
	Upazila	DEBID	<b>VAR</b>	No.	18
	Name of Ros	d RR			
	Length of Ro		(m)		
	Letiger of Ke	NAU 11.2.1	NUL	· · ·	
	Cost	45,975			
	Unit O&M C	lost 17.0	O&M Cost	190.4	
	Benefit	T 212.0			
		A 1,380.0	10.00 9	5.	
•				(Unit : 1,00	0 Taka)
		Cost	·····		
Year	Constructi		Total	Benchit	Net Benef
	Ċost	Cost			
1	45,975	5 0	45,975	0.0	-45.97
2		190	190	1,592.0	1,40
.3	- <u>-</u>	190	190	1 730.0	1,54
4		190	190	1,881.8	1,69
5		190	190	2,048.8	1,85
6		190	190 .	2,232.5	2,04
7		190	190	2,434.5	2,24
8		190	190	2,656.8	2,40
<u> </u>		190	190	2,901.2	2,71
10		190	190	3,170.2	2,98
11		190	190 -	3,455.0	3,27
12		190	190	3,791.4	3,60
13		190	190	4,149.3	3,95
-14		190	190	4,543.0	4,35
15		190	190	4,976.1	4,78
. 16		190	190	5,452.5	5,26
17		190	190	5,976.6	5,78
18		190	190	6,553.1	6,36
- 19		190	. 190	7,187.2	6,99
20		190	190	7,884.7	7,69
	iRR =	- 39	%		

		Cost an	d Benefit St	ream	
	Upazila Name of Road Length of Road	DEBID RR 7.8 I		No.	20
	Cost	31,302			
	Unit O&M Cost		O&M Cost	132.6	
	Benefit T		10.00 9	6 (Unit : 1,00	0 Taka)
		Cost		(	
Year	Construction Cost		Total	Beacfit	Net Benefit
	31,302	0	31,302	0.0	-31,302
2	51,502	133	133	1,154.0	1,021
ĩ	1	133	133	1,257.9	1,125
· 4		133	133	1.372.2	1,240
5		133	133	1.497.9	1,365
6	1. C.	133	133	1,636.2	1,504
7		133	133	1.788.3	1,656
8		133	133	1.955.7	1,823
		133	133	2.139.7	2,007
10		133	133	2.342.2	2,210
11		133	133	2,564.9	2,432
12		133	133	2,809.9	2,677
13		133	133	3,079.4	2,947
14	an a	133	133	3 375.8	3,243
15		133	133	3 701.9	3,569
16		133	133	4.060.6	3,928
17		133	133	4,455.2	4,323
18		133	133	4,889.2	4,757
19		133	133	5,366.6	5,234
20		133	133	5,891.8	5,759
	IRR =	4 1	%		

•		LENGTH (in Kilometer)	teter) TYPE No. of teter)	No. of Structures Required	LENGTH (in Kilometer)	TYPE No. Structures To be Const.	ructures Const.	
	RR - 19 Amojan- Poyalgacha Road	10.00	ш	8	10.00	щ	~	-
	RR - 20 Batapokari- Nindpur Road	8.00	ш	20	8.00	щ	20	
	RR - 21 Hasihnpur-Darbeshgonj Road	8.00	Щ	15	8.00	щ	15	
	RR - 22 Uzani- Singdda Road	8.00	щ	15	8.00	щ	15	
	RR - 23 Ragunathpur-Modhupur Road	8.50	щ	10	8.50	щ	10	
	RR - 24 Kachua-Coilege-Betpur Road	5.00	щ	00				**
	RR - 25 Ragdoil- Gograbari Road	4.00	ш	80	4.00	щ	00	
	RR - 26 Akania- Dumoria Road	8.00	យ	10	8.00	щ	10	
	RR - 27 Pathair-Aliara Road	6.50	щ	œ	6.50	ĿЦ	8	
·	RR - 28 Palakhal- Charatbanga Road	6.50	щ	12	6.50	ц	12	
	RR - 29 Tctua-Borochow Road	3.50	щ	12				*
		5.00	۲Ľ) L	80	5.00	щ	80	
	RR - 31 Monohorpur-Lowkora Road	6.50	щ	12	6.50	щ	12	
	RR - 32 Koa-Domoria Road	3.50	щ	ۍ ۲	3.50	ш	ŝ	
	RR - 33 Koraish-Khidda Road	3.50	щ	6	3.50	щ	9	
	RR - 34 Monkhola- Kailine Road	2.50	щ	6	2.50	ш	6	
	RR - 35 Hossainpur-Changini Road	13.25	щ	10				*
	RR - 36 Rahima Nagor Subidpur via Mcair Bazar	ar 13.00	щ	6	13.00	Щ	6	

Table G.1.14 Existing Condition and Model Plan for Road (Kachua Upazila) (2/2)

	LENGTH (in Kilometer)	GTH TYPE No. of Si ilometer) Required	FYPE No. of Structures Required Existing	50	LENGTH T (in Kilometer)	YPE	No. Structures To be Const./F	chat	KEMAKKS ili.
FB - 1 Nabinagar - B.Baria	4.73	щ	2	رية. 1. ي	4.73	BC	8		
FB - 2 Nabinagar - Bancharampur	12.87	щ	36	32	12.87	BC	4		
RR - 1 Kaitala College - Mohesh Road	006	ш	œ	0	00.6	щ	∞		÷
RR - 2 Jenudpur - Jamuala River	7.00	щ	6	0	00.7	μ	9		
RR - 3 Karaibari - Rashullabad	6.50	щ	4	0	6.50	ш	4	•	
RR - 4 Majiara Girl's School - Bitibishara	7.00	щ	10	0	7.00	щ	10		
RR - 5 Baishmuja Bazar - Gajirkandi via Birgoan	4.00	щ	òo	0	4.00	щ	8		
RR - 6 Jenudpur - Bhaturiard	13.00	щ	17	5	13.00	щ	15	· · · · · · · · · · · · · · · · · · ·	
RR - 7 Barikandi Launch Ghat - Jallird	8.00	щ	13	9	8.00	ш	L	. *	
RR - 8 Jafarpur - Jamuna River	5.00	ш	7.	ŝ	5.00	Щ	4		
RR - 9 Norshingpur Chitui	3.50	щ	3	Ģ	3.50	ш	ŝ	· .	
RR - 10 Link Road (R&H - Monesh Road)	0072	щ	14	5	7.00	BC	12	· .	
RR - 11 Lourfatapur - Kaligonj Bazar	5.00	ш	7	0				** Dropped in first	first
RR - 12 Dhari - Shreeapur - Lahari	3.50	щ	ŝ	0	3.50	щ	ŝ	screening step	cb
RR - 13 Aliabad - Gopalpur	4.00	ш	10	ŝ	4.00	щ	L	· .	
RR - 14 Shamagram - Solimgonj	7.33	щ	16	13	7.33	BC	ŝ	- - 	
RR - 15 Mohesh Road - Goali - Rasulpur	19.50	щ	34	17	19.50	BC	17		
RR - 16 Dashmouja - Jenudpur	4.50	щ	L	0	4.50	щ	L		
RR - 17 R&H Road - Kazimabad via Bolachang Bazar	4.00	ш	4	0	4 00	ជ	4		:
RR - 18 Raullahbad - Ratanpur via Mullah	6.00	щ	9	0	6.00	щ	<b>9</b>	  	
RR - 19 Nurjahanpur - Muktarampur	5.00	щ	4	0	5.00	щ	4		
RR - 20 Maniknagar Launch Ghat - Khagatoa Bazar	7 50	щ	10	6	7.50	μ	2	•	

Table G.1.14 Existing Condition and Model Plan for Road (Nabinagar Upazila) (1/2)

Table G.1.14 Existing Condition and Model Plan for Road (Nabinagar Upazila EXISTING CONDITIONTable G.1.14 Existing Condition and Model Plan for Road (Nabinagar Upazila EXISTING CONDITIONILENGTHILENGTHCondition and Model Plan for Road (Nabinagar UpazilaEXISTING CONDITIONILENGTHILENGTHCondition and Model Plan for Road (Nabinagar UpazilaILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTHILENGTH
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NAME OF ROAD	EXISTI	EXISTING CONDITION	MODEL PLAN	<b>17</b>	REMARKS
	LENGTH (in Kilometer)	TYPE No. of Structures Required	LENGTH TYPE N (in Kilometer) 7	No. Structures To be Const.	
FB - B Homna - Marichakandi	22.40	Е 12	22.40 BC	12	
FB - B Salimgonj - Kariakandi	13.70	Е 20	13.70 BC	50	;
FB - B Bancharampur - Nabinagar	19.20	6	19.20 BC	6	
RR - 1 Bancharampur - Dariachar	11.20	ш 80	11.20 E	8	
RR - 2 Ujunchar - Dariachar - Bahorechar	11.20	E 11	11.20 E	11	
RR - 3 Bashgari - Durgapur	6.40	Э	6.40 E		
RR - 4 Bahadurpur - Gokulnagar	8.00	Ë	8.00 E	Ś	
RR - 5 Bancharampur - Kalainagar Launch Ghat	8.00	Е 5	8.00 E	5	
RR - 6 Jobonganj Bazar - Bishnarampur	8.00	Щ 4	8.00 E	4	•
RR - 7 Bishnarampur - Jaikalipur	12.80	с С	12.80 E	ŝ	
RR - 8 Ulukandi - Pahariakandi	8.00	ц	8.00 E	- <b>V</b>	•
RR - 9 Shalimabad Junarchar	19.20	Е 16	19.20 E	16	
RR - 10 Charlahani - Purbahaty via Guaratoli	9.60	E 11	9.60 E	11	
RR - 11 Fardabad Junarchar	6.40	ур Ш	6.40 E	6	
RR - 12 Kalainagar Launch Ghat - Rupashdi	6.40	н Ц	6.40 E	2	
RR - 13 Rupashdi - Burberia	8.00	Э	8.00 E	۳.	
RR - 14 Rupashdi - Ashrafbad	9.60	E 11	9.60 E	11	
RR - 15 Sarifpur - Paratuli	9.60	Ц		*	Dropped in
RR - 16 Sunarampur - Shantipur	9.60	Е 13			first screening
RR - 17 Barakandi - Jaikalipur Launch Ghat	6.40	ф Ш			step
RR - 18 Dariakandi - Gukolnagar via Imamaagar		-			•

EXISTING CONDITION     MODEL PLAN       LENGTH     TYPE No. of Structures     LENGTH     TYPE No. Structures       (in Kilometer)     Required     (in Kilometer)     To be Const.       a Bahotchar     3.20     E     2     3.20       3.20     E     4     3.3.0     E     2       4.80     E     4     3.3.0     E     4       2.31.30     I.73     194.50     139	STING CONDITION     MODEL PLAN       TYPE No. of Structures     LENGTH     TYPE       TYPE No. of Structures     LENGTH     TYPE       No. of Structures     (in Kilometer)     To be Const.       D     E     2     3.20       E     4     3.20     E     4       0     I73     194.50     139	REMARKS			
EXISTING CONDITION     MOI       LENGTH     TYPE No. of Sunctures     LENGTH       (in Kilometer)     Required     (in Kilometer)       a. Bahorchar     3.20     E     2     3.20       3.20     E     4     3.20       4.80     E     4     3.20       L     231.30     173     194.50	NAME OF ROAD     EXISTING CONDITION     MOI       LENGTH     TYPE No. of Structures     LENGTH       (in Kilometer)     Required     (in Kilometer)       Bahorchar South Para - Bahorchar     3.20     E     2     3.20       Rupashdi - Kaurpur     3.20     E     4     3.20       Hossinpur Road     4.80     E     4     3.20       TOTAL     231.30     173     194.50	o. Structures 5 be Const.	vo. Structures To be Const. 2 **	139	
EXISTING CONDITION         LENGTH       TYPE No. of Structures         (in Kilometer)       Required         a - Bahorchar       3.20       E       2         3.20       E       4       4         4.80       E       4       4         1.320       E       4       4         L       231.30       173       173	NAME OF ROAD     EXISTING CONDITION       LENGTH     TYPE No. of Structures       Bahorchar South Para - Bahorchar     3.20     E     2       Required     3.20     E     4       Hossainpur Road     4.80     E     4       TOTAL     231.30     173	MODEL PLAN TYPE 1	ter)	0	
LENGTH LENGTH (in Kilometer) 3.20 4.80 4.80 L 231.30	NAME OF ROAD EXISTIN LENGTH (in Kilometer) Bahorchar South Para - Bahorchar 3.20 Rupashdi - Kaurpur Hossainpur Road 4.80 TOTAL 231.30			194.5	
LENGTH LENGTH (in Kilometer) 3.20 4.80 4.80 L 231.30	NAME OF ROAD EXISTIN LENGTH (in Kilometer) Bahorchar South Para - Bahorchar 3.20 Rupashdi - Kaurpur Hossainpur Road 4.80 TOTAL 231.30	CONDITION YPE No. of Structur Required	YPE No. of Structu Required E 2 E 4 E 4	173	• • • • •
Fr 13	NAME OF ROAD Bahorchar South Para - Bahorchar Rupashdi - Kaurpur Hossainpur Road TOTAL	STIN(	<u> </u>	231.30	
			ra - Bahorchar	AL	· · · · · · · · · · · · · · · · · · ·

NAME OF ROAD 1 Madhya - Companygonj 2 Kalikapur - Istagram 3 Barat- Gobindpur 1 Debidwar - Istagram 2 Fultali - Chowmuhani	EXISTING CONL LENGTH TYPE (in Kilometer) 20 E 22 20 E 19 20 E 15 30 E 24	DITION No. of Structures Required Existing 6 4 4 5 5 5 11	MODI T neter)	AN No. Structures To be Const./Rehabili. 16 4 15 1 9 5 10 4 13 2
<ul> <li>6 Sepera - Sultanpur</li> <li>7 Yusufpur - Prigonj</li> <li>8 Charbakar - Nabiabad G.C.C.R.</li> <li>3 Monghata - Modonogor</li> <li>10 Jaafargonj - Bborokamta</li> <li>10 Jaafargonj - Bborokamta</li> <li>5 Fultali - Atapur</li> <li>5 Fultali - Khiraikandi</li> <li>6 Virallah - Modhumura</li> <li>7 Boroalompur - Dhamti</li> <li>8 Lokhinur - Barashaiohor</li> </ul>	6.00 E 8 2.50 E 8 10.10 E 14 11.40 E 16 11.40 E 16 12.40 E 16 14.90 E 19 9.90 E 18 9.10 E 14	6 4 m = Ξ 0 = % 4 C	5.00 BC 2.50 BC 10.10 BC 11.40 BC 11.40 BC 14.90 E 9.10 E 9.10 E	2 2 9 5 11 0 17 2 17 2 10 2 26 0 26 0 26 0
RR - 9 Tebaria - Chotna RR - 10 Jafargonj - Rajamaher RR - 11 Hossainpur - Bakosar RR - 12 Barur - Biranmondol RR - 13 Sibunogor - Sultanpur	х 2 2 2 8 8 л п п п п п	> 4 ∞ 4		
TOTAL	237.80 307	86	189.40	174 209

Xachta         National form         National form </th
Kachlus         NAME GF ROAD         Total URA         NAME GF ROAD         Total URA           B         Kachan Upmich Reiden         841         7         75         704           B         Kachan Upmich Reiden         841         7         75         704           B         Kachan Upmich Reiden         701         10         78         1         Nobel Reiden         704           C         Reiden Upmich Reiden         511         7         78         8         1         704           F         Reiden Upmich Reiden         511         7         78         8         1         704         704           F         Reiden Viewink Maid         512         8         78         8         2         704         704           F         Reiden Viewink Maid         512         8         78         8         704         704           F         Reiden Treport Maid         513         8         73         8         704         704         704           F         Reiden Treport Maid         71         8         8         704         704         704         704           F         Reiden Treport Maid         71         8
Kachua     Taell JW       NAME CF ROUD     Teal JW       B     Kehne-Sachwer G.C.C.Road     94.1       B     Kehne-Sachwer G.C.C.Road     94.1       B     Kehne-Sachwer G.C.C.Road     94.1       B     Kehne-Sachwer G.C.C.Road     94.1       C     Seore     70.1       B     Kehne-Sachwer G.C.C.Road     94.1       C     Seore     70.1       B     Kehne-Regeningen Road     51.1       C     Seore     70.3     87.8       B     Kehne-Regeningen Road     51.1     7       B     Robins-Nager Shalppur Ya. Meach Base     95.5     8       B     Robins-Tageria Road     51.3     8       B     Robins-Tageria Road     51.3     8       S     Kachne-Ragening Road     21.7     7       S     Kachne-Ragening Road     21.7     7       S     Kachne-Ragening Road     21.7     7       S     Kachne-Ragening Road     21.7     7 <td< th=""></td<>
Katchua     Katchua       NAME OF ROAD     Total       NAME OF ROAD     Some       B     Kachaa-Sachuser G. CC Road     84.       B     Kachaa-Sachuser G. CC Road     84.       B     Sachar-Austrahuk Road     703.       C     S Kachaa-Sachuser G. CC Road     84.       B     Kachaa-Sachuser G. CC Road     84.       C     S Kachaa-Sachuser G. CC Road     84.       C     S Kachaa-Sachuser G. CC Road     84.       S     Kachaa-Sachuser G. CC Road     84.       S     Kachaa-Sachuser G. CC Road     84.       S     Kachaa-Sachuser G. CC Road     84.       S     Kachaa-Sachuser G. CC Road     84.       S     Kachaa-Sachuser G. CC Road     84.       S     Kachaa-Sachuser G. CC Road     84.       S     Kachaa-Rogeny Road     97.3       S     Kachaa-Rogeny Road     96.       S     Sachaa-Road     97.3       S     Kachaa-Road     97.3       S     Sachaa-Road     97.3

STEP: 3 Economic	Justification	Internal Rate of Return (1188)		10 %	%1			: ; ; ; ;													⊗ (	-
		Socioeconomic Ranking	2	1	ہے۔ اب	Ś	<u></u>	⊳∢Î)	<u> </u>	i i				1	<u>ः</u> स्व				3		2	1
50		Total Score	78.D	20.1		51.2													35.7	1	25.0	212
Socioeconomic Ranking	of Life	Request by Upazila	15.0	15.0	15.0	13.5	1.1				1 A A			. î		1.5	4	1.1.1	0.6		0.0	
mic R	ity of	Access to Social Services	15.01	1011	13.1	64	đ	42	4.2	42	23	42	, P	00	23	4.2	23	33	6		00	с С , -
ccono	Quality	Population Served	1		20	44	11		;							-	pa a				2	- 44
Socio	itics	Linkage to Local and Regional Market	J5.0	.15.0	15.0	113	7.5	511.	.11.3	. 75	75	00	38	-0.0	3.8	300	30	3 8	с. 8	, 1 3 . 1	0.0	
STEP:2	Economic Activities	Existence of Parallel Development Activities		. J	10	2	7		3	2	2	ę	0	3	0	3	0	0	0		2	
ST	conon	Degree of Access Improvement	ď	2	2	2	5	-2-	2	5	~	3	2	2	ŝ	ŝ	?	2	~		6	~;-
÷	щ	Agricultural Potential	10	8	6	2	2	2	.12	9	80	4	. 11.	Ø	∞	11	2	12	2			
<u>.</u>		Preliminary Screening															1			Drop		
guing		Environmental impact	Z	Zi .,	Ż	Z	Ż	z	Z	Z	Z	Z	Z	Z	z	z	z	Z	Z	Z	Z	Z ]2
Screet		Priority Ranking Prepared by Upazila	4		~	4		Ś	+	23	2	13	5	61	5	<b>11</b>	ន	Z	4	30	3	8
Preliminary Screening		Availability of Alternative Transportation Means	Z	Z	z	Я	Z	Z	Z	Х	z	>	К	Υ	z	z	z	z	Z	z	Z	≻¦2
1 : Pre		Population Served (More than 600 persons/Km)	X	Z	$\succ$	X	Х	X	X	Х	Z	Z	7	Z	X	>	>	<b>`</b>	X	z	÷.	× ;
STEP		Linkage to market and/or administration center	Y	7	X	X	7		Y	Y	Y	Y	X	Z	<b>×</b>	λ.	≻	×	X	z	Z	z¦>
		Road Classification	-			?	3	2	2	5	2	ŝ	"	- 	ŝ	ŝ	6	5	5	~	ň	in ie 
				oad							p	load					1 1 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0					
			o O	had R	Road	oad	Soad	oad	гд Г		or Ro	upur F		ad	Road		oad	ad ad	k Road		o Road	Koad Baad
			a Roa	a Paris	0.0	npur F	thpur	Jpur R	ad Road	a Roa	manag	Ionoh	Road	Patharish Road	fuostu	i Road	liara F	upur Ro	-Bayek	a Road	ashanakap Roa	Supur Koad
			Kalipara	Jpazil	achar	Kashimpur	Ragunt	Newabpur		Teguna R	-Rahin	oan-N	Aliara Roa	Pathar	arbeshgonj	nogxc	acr-A	Iodhu	agdoil	Kadl	Prash	Modr 7, 7, 5
	•	for the second second	hua-F	hua- [	achua- S	achua-	chua-	chua-1	achar-A	achua-	Pipulkora-Rahimanagor	Baratolagoan-Moncharpur	khal-	achua- J	gin-L	ani- B	/ameh	achar-N	Sachar-R	akhal	chava-	raara-
			Kac	Kac	Kac	Kat	Z Ka	3. Kad	4 Sac	Х Қ	5 Pip	7 Bat	Pal	, K	0 Pal	$1 \le Uz$	S La	3 Sac	4 Sac	5 Pal	6 Ba	2172
			FB A	8-9E	FB - B	<b>R</b> R -	RR .	RR-	RR-	RR	RR- (	RR -	RR- (	RR-	<b>RR - 1</b> (	RR-1	<b>RR</b> - 1	RR I	RR 1	RR - 1.	RR-1	
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	STEP : 3 Economic	Justification	Internal Rate of Return (IRR)	-1 %	% 0	%0	4 %	5 %		4 %	1 %	3%		4 %	6%			· · · · · · · · · · · · · · · · · · ·	4 %		) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) ) )		
			Socioeconomic Ranking	<u>.</u>	i			27		<u> </u>		12	<u> </u>	1		L.	al s	1	8		*	1	
	gu	а 1. Мара	Total Score			de ser a sér	A	23.7				17.0				نه سن	32.0	-	39.5				
	Rankii	of Life	Request by Upazila	6.0	0	60		9		<u>}</u>				12.0		10.5	0,7	}	12.0		, , , ,	1	
	Sociocconomic Ranking	lity of	Access to Social Services			<b>ي</b> ش م		61	<b>-</b>		- n - 1	201		• • •	• • •		000		42	۰ - · · ·			
	occon	Quality	Population Served		2.	УС -	і. 4 м.			0		0,0				• • •	∞ v	4.	4	, ,	į	***	
ର	Soci	rities	Linkage to Local and Regional Market	0.0	0 C	C C		30		00	00	00		0.0	7.5	00	00	× ×	113				
Selection of Priority Road (Kachua Upazila) (2/2	STEP:2	Economic Activities	Existence of Parallel Developpient Activities	۳	С	C	С	0		0	a	40		3	0	0	0		0			•	
Jpazi	ا . <del>ک</del> ار ا	conoi	Degree of Access Improvement	,		، م	۰ ۲	1		,	4	4-		3	3	2	4	ž	6				
aua L		Ĩ	Agricultural Potential	Ŷ	2	) oc	12	5		10	~ ~	00		8	~	9		7	9		;		
l (Kaci			Preliminary Screening		•	1 5 1 1 1	; ; ; ;		Drop				Dron					Drop	1 4 4		; ; ; ;	· · · · · · · · · · · · · · · · · · ·	
Road	guin		Environmental impact	Z	z	Z	Z	z	z	$\mathbf{z}$	zįż	Ż	Z	Z	z	Z	zz	z	z				
riority	Preliminary Screening	•	Priority Ranking Prepared by Upazila	50	15	21	26	3	34		12	3.5	38		- 28	10.		2 62	00		1 1 1 1		
n of Pi	climinar	· ··.	Availability of Alternative Transportation Means	<u>ک</u>	Z	Z	>	Z	К	×	zŻ	<u>-</u> ->	X	Х	z	z	×;>	łz	z				
electio			Population Served (More than 600 persons/Km)	Z	>	≻	Z	X	Z	7	z		Z	X	7	Υ	, 	z	Z				
.16 St	STEP		Linkage to market and/or administration center	Z	>	z	Z	X	Z	z	z>	Z	Z	N	7	z	z		Ż		;-		
e G.1			Road Classification	ŝ			۳	<b>m</b>	ŝ	4	m -	tim	4	3	2	<u></u>	4		6		;		
Table G.1					RR - 20 Batapokari- Nindpur Road	RR - 21 Hasihnpur-Darbeshgonj Road	RR - 22 Uzani- Sinedda Road	RR - 23. Ragunathpur-Modhupur Road	· ·	3:2	KR 20. Akania- Dumoria Read	100	23	1		RR - 32 Koa-Domoria Road		RR - 35 Hossainpur-Changini Road	RR - 36 Rahima Nagor Subidpur via Mcair Bazar				

STEP: 3 Economic	Justification	Internal Rate of Return (IRR)		15 %		2     		1 1 1	1 1 1 1	1   6   6   7						10 %	7 %	16 %	12 %	-2 %	6 %	-26	12 %	
		Socioeconomic Ranking	1.1.1	5	1.1	1.1	1	1	1				_									ò	<u>.</u>	
ß		Total Score	77.6	70.3	36.9	47.4	23.0	47.0	47.8	50.1	25.0	53.4	30.9	32.3								474		
ankir	Life	Request by Upazila	13.5	12.0	0.0	5	00	5	0.0	0.9	0	4	0	15.0		0.0	0.0	6	15.0	5	0.0	10.5	00-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	10
nic R	ty of	Access to Social Services	10.1	13.	6.4	6	io 0	4.5	2.3	6.1	ò	6	6 -	23		0 0	23	6,4	5	0	0.0	64	00	
conor	Quality of Life	Population Served		ຊ		÷ -	۰	<b>.</b>								C1	12	2	ິຊ	16	9	101	121	10
Sociocconomic Ranking		Linkage to Local and Regional Market	15.0	15.0	7.5	15.0	00	0.0	75	15.0	000	15.0	0.0	0.0		00	0.0	11.3	11.3	0.0	15.0	75	0.0	1 2 2
:P : 2	Economic Activities	Existence of Parallel Development Activities	0	0	0		0	0	0	~	0	ŝ	0	0		0	0	1-	0	0	4	0	0	
STEP	mond	Degree of Access Improvement		,	3	ę	3	5	3	5	ŝ	<b>с</b>	n	ŝ	-	С	3	3	ŝ	Ś	ŝ	ŝ	n	
	Ä	Agricultural Potential	18		12		12	1.0		6	10	14	12	9		12	2	6	9	12	10	- 10	. DL -	8
		Preliminary Screening				1 1 1 1 1 1 1 1	) ) ) )	) ) ( ) )	1 1 1 1						Drop		3			1 4 4 4	1 1 1 1 1 1	1		
ទិប		Environmental impact	Z	z	z	z	z	z	z	z	z	z	z	z	z	Z	z	z	z	z	z	z	z	2
Preliminary Screening		Priority Ranking Prepared by Upazila	7	5	 - -	9		0	T									ŝ	             	9	1 1 1 1	4	* * * *	
imínary		eranitability of Alternative Transportation Means	z	z	z	Z	z	z	z	Y	z	z	Z	Z	z	z	z	У	Z	Z	Z	Z	Z	
••		Population Served (More than 600 persons/Km)	¥	γ	Y	>	Y		Y	Y	$\succ$	×	×	Y	z	Y	>	Y		Z	Y	- A		
STEP 1		Linkage to market and/or administration center	×	×	×	>	z	z		Y	z	Ż	×	z	z	z	Z	<u>≻</u>	>	z	Y	<u>،</u>	2.	2
		Road Classification	-		ς Γ	3	3	[m	<u>0</u>	3	ę	3	3	ŝ	τ	ć	ŝ	m	2	ŝ	ŝ	3		~
			Nabinagar - B.Baria	Nabinagar - Bancharampur	Kaitala Coliege - Mohesh Road	Jenudpur - Jamuala River	Karaibari - Rashullabad	Majiara Girl's School - Bilibishara	Baishmuja Bazar - Gajirkandi via Birgoan	Jenucour Bhaturiard		Jalarpur - Jamuna River	Norshingpur Chiti	Link Road (R&H - Mohesh Road)	Lourfatapur - Kaligonj Bazar	Dhan - Shreerapur - Lahan	Aliabad - Copalpur	Shamagram - Solimgonj	Mohesh Road - Goali - Rasulpur	Dashmouja - Jenucpur	R&H Road - Kazimabad via Bolachang Bazar	Raunanbad - Katanpur via Muliah	Nurjananpur - Muktarampur	"Maniknasar Tainch Ghaf - Khasafoa Bazar
				FB 2 N		RK - 2 76	3 K	- 4 M	5. B	- 6 Je	7 B	8 18		2	RR-11 L	Ç,	p		۲ ۲	1	in a s		RR-19-N	RR - 207 - W

Table G.1.16 Selection of Priority Road (Nabinagar Upazila) (1/3)

	STEP : 3 Economic	Justification	(IKK) Internal Kate of Return	-2 % 9 % 5 %	5 % 8 % 6 %
· · · ·			Socioeconomic Ranking	34 19 16 16	31 24 35
	540		Total Score	20.0 37.3 36.2	224.0 29.0 17.0
	ankin	of Life	Request by Upazila	0 0 0 0 0	0000
	mic R	ity of	Access to Social Services	4 2 0 0 0	0.0 4 0
	Socioeconomic Ranking	Quality	Population Served	0 88905	12, 2, 12, 6
(2/3)		Activities	Linkage to Local and Regional Market	00000	0,0 8, 0
azila)	STEP:2	nic Acti	Existence of Parallel Development Activities	a anon	
r Up	ST	Economic	Degree of Access Improvement	~ ~ ~ ~ ~ ~ ~ ~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
naga		Щ	Agricultural Potential	7 41 8 8 0 1 4	9, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10
l (Nabi			Preliminary Screening	Dran Dran	Drop Drop Drop
Road	ing	· .	Environmental impact	Z Z Z Z Z Z Z	zzzzzzz
riority	/ Screen		Priority Ranking Prepared by Upazila	vivi	
Selection of Priority Road (Nabinagar Upazila)	Preliminary Screening		erinaniity of Alternative Transportation Means	zzzzzz	×zzzzzz
electio			Population Served (More than 600 persons/Km)	>z>>>zz	ZXXXXX
1.16 S	STEP 1	а. – с –	Linkage to market and/or administration center	zzzz	zzzz×zzz
• •	· .		Road Classification	<u>64</u> (m) (m) (m) (m) (m)	ພູ່ພູພູພູໜູໜູອ
Table G					<ul> <li>RR - 30. Bolachang Bazar - Nabinagar/Bancharampur Road via Belanagar</li> <li>RR - 31. Nabinagar - Aalamnagar</li> <li>RR - 32. Imambaril - Shardar via Nanui</li> <li>RR - 33. Barail - Nilokhi</li> <li>RR - 34. Moheshput Launch Ghat - Goti Goan yia Bitgat</li> <li>RR - 35. Dhara Banuga - Solimgoni.</li> <li>RR - 37. Durgarampur Launch Ghat - Keshorepur</li> <li>RR - 37. Durgarampur Launch Ghat - Keshorepur</li> </ul>

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STEP: 3 Economic	Justificatio	Internal Rate of Return (IRR)				1	1.0%		ļ				- 			5 5 7 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8						· · · · · · · · · · · · · · · · · · ·		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·		
		Socioeconomic Ranking					33		<u> </u>			; ; ; ;			1		1	1						1	1	, , , , ,	
ക		Total Score			3	40.0	20.8	i c	×+7-	1				1	3			1				1	1 1 1	1	* ; ;	1 1	1
Zankir	Life	Request by Upazila		. د	1	11	c	L L	1 -					1		) 4 1. 1						1	*			, , , ,	11.2.12
omic I	Quality of Life	Access to Social Services	]		- 21		0.0							1. 1. 1. 1. 1. 1.	1	1 1 1 1	1	- T					÷ .		, , , ,	<u>.</u>	
Sociocconomic Ranking	Qua	Population Served	<b> </b>	1	- e.	÷,	6	÷.~	4-			, , , , ,		, , ,			- - -			, , ,	í 1 1 1	, , , ,	-		-		
Soci	vitics	Linkage to Local and Regional Market			2		8		2 2 2 1		, , , , ,					1 1 1 1	1 1 1 1	)             						Г. 1 1 1			
STEP:2	Economic Activities	Existence of Parallel Development Activities			0	4	Ċ					1							• •			, , , ,	-	1 1 1 1		· · · · · · · · · · · · · · · · · · ·	
ES	conor	Degree of Access Improvenient				() 	e	, , , ,	i i							: : :		, , , ,			, , , ,		:			1	
		Agricultural Potential			<b>t</b> (	[3	12	2	ļ		. i				1	+ - -	:	, , ,	.	5	1	;	;	:		;	
		Preliminary Screening	Drop					2 3 5 1 1		2					1 1 1		-			•	1		• • •		1		
ling		Environmental impact	Z	1 . 		Z	Z	2		각	, , ,				1	1											;
y Screen		Priority Ranking Prepared by Upazila				1		1					2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		2 2 2 2 7 7					2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	) ) 1 1 1 1 1			1			
Preliminary Screening		Availability of Alternative Transportation Means	<u>کر</u>			z	z	Z			-	I		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- - - - -		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			2 1 2 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- - - 		, , , , , ,		
••		Population Served (More than 600 persons/Km)	z	>		~	z	>							· · ·						• • •		- -				
STEP 1		Linkage to market and/or administration center	z	2		×	<u>ک</u>	;>				-			1 1 1 1	\$ 1 7 7 1 1 1		- - 					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				· · · · · ·
		Road Classification	ŝ		1	n	ດ ຕາ	c	) (	2				-	1			1	1			1			1	-	
						azar via Bagaura	via Malal																				
			38 Lourfatepur - Hazipur	50		- · ·	RR - 41 Pandabnagar - Merkuta via Malal		ς.	AN-142 ARIAURU - ARIAURU											1441308311111111111111		——————————————————————————————————————				

Table G.1.16 Selection of Priority Road (Nabinagar Upazila) (3/3)

STEP:3 Economic	Justificatic	Internal Rate of Return (IRR)	17%	7%	11%	13%	2%	5%	-2%	10%			4%	9%	6%	79,0	14%	3%	8%		1 1 1 1	1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
		Socioeconomic Ranking		2	ŝ	4	9	Ξ	15	5		~	12	2	٥	4	Ś	6	2		1 1 1	3 8 8
<b>D</b> D		Total Score	84.0	60.4	61.1	56.4	34.5	27.0	23.5	25.5	33.7	33.4	25.8	31.8	32.2	25.5	43.3	14.4	173	1		
ankin	Life	Request by Upazila	15.0	13.5	15.0	13.5	12.0	12.0	10.5	10.5	0.6-	0.6	7.5	75	6.0	4	3.0	1.5	0.0			;
mic R	Quality of	Access to Social Services	15.0	3	ະ ເ	6.4	0.0	00	0.0	9	5	5	23	5	4.2	00	8	6.	33			
Sociocconomic Ranking	Qua	Population Served	14	9	8	12	4	4	2	vd	8	4		80	∞	∞	4	2	4			
Socio	ities	Market Linkage to Local and Regional	15.0.	11.3	11.3	7.5	7.5	00	0.0	0,0	3.8	2.5	00-	00	0.0	0.0	7.5	00	0.0			2 9 9 8
6	c Activities	Existence of Parallel Development Activities	10	3	 [~	٣	a	d	0	ð	9	0	0-		ς Π	0	0	0	ď			
STEP	Economic	Degree of Access Improvement	3	3	ŝ	3	 (*)	3	n.	3	 	3	3	3			3	3	3		, 	¦-
	Ec(	Agricultural Potential	12	בי בי	10	11	×	ŝ	~~	6	8	9	6		8	10	5	9	∞			- 4
	L	Preliminary Screening							   .   .		1 1 1 1	1	1							Drop	Drop	Drop
60	1	Environmental impact	z	z	z	z	z	z	z	z	z	z	z	z	z	z	z	Ż			z	1
crecnin		Priority Ranking Prepared by Upazila		5	ເ າ	4	ŝ	Ŷ	۲-	∞,	6	0		12	13 -	4	15	16	17	8	6 <u>1</u>	 ∧^
Preliminary Screening		Availability of Alternative Transportation Means	λ		Z	X	Z	Z	 >-	Z	Z	Z	X	Y	z	z	z	Z	Z	z	z	Z.;
		Population Served (More than 600 persons/Km)	×	7	≻	Y	z	z	z	<b>X</b>	Y	×	z	>	~	Y	γ	Z	z	z	Z	z 7
STEP 1		Linkage to market and/or administration center	×	>	$\succ$	Y	Y	Z	z	z	Y	7	Z	z	~	z	~	Х	z	z	ZZ	z 7
		Road Classification	1	2	61	ς	ო	<b>,</b>	m	(† ) († )	ς Γ	; ; ;	m	ر بریا با	е. !	ς Γ	ю. 	ι.	5	ຕ	4 2	; ; ; ;
	-		Homna - Marichakandi	-Salimgoni - Kariakandi	Bancharampur - Nabinagar	Bancbarampur - Dariacoar	. Ujunchar - Danjachar - Bahorechar	Durgapur	ır - Gokulnagar	Bancharampur - Kalainagar Launch Ghat	Jobonganj Bazar - Bishnarampur	Bishnarampur - Jaikalipur	Ulukandi - Pabariakandi	Shalimabad : Junarchar	Charlahani - Purbahaty via Guaratoli	ardabad - Junarchar	Launch Ghat - Rupashdi	Burberia	Rupashdi - Ashrafbad	Paratuli	unarampur - Shantipur	- Jaikalipur Launch Chat
			æ	æ,	FB B. Bancharan		RR - 2 Ujunchar -	ert	4	Ś	RR 6 . Jobongani	2	જ્વ	<u>RR 9 Shalimaba</u> t	10	RR-11 Fardabad	RR - 12 Kalainagar I	RR - 13 Rupashdi - Burberia	RR 14 Rupashdi -	RR - 15 Sarifpur - J	RR - 16 Sunarampi	KK - I / Barakanoi

Table G.1.16 Selection of Priority Road (Bancharampur Upazila) (1/2)

	STEP:3 Economic	Justification	(IKK) Internal Rate of Return	5%
			Socioeconomic Ranking	Q2/30
	ß		Total Score	21.0
	Sociocconomic Ranking	of Life	Request by Upazila	00
	omic I	lity of	Access to Social Services	
	occone	Quality	Population Served	000
		vitics	Linkage to Local and Regional Market	00
	STEP:2	Economic Activities	Existence of Parallel Development Activities	00
	ST	conon	Degree of Access Improvement	(°) (°)
		Щ	Agricultural Potential	α C
			Preliminary Screening	Duon
	cning		Upazila Environmental impact	ZZZ
	try Scre		Priority Ranking Prepared by	233
	Preliminary Screening		subsense of Alternative Transportation Means	
]	•		Population Served (More than 600 persons/Km)	XXZ
	STEP 1		Linkage to market and/or administration center	Z Z Z
			Road Classification	44.
		•		char
				Bahorchar South Para - Bahorchar Rupashdi - Khaurpur Hossainpur Road
				RR - 19 Bahorchar South Par RR - 20 Rupashdi - Khaurpur RR - 21 Hossainpur Road
k			G	- 133

	STEP : 3 Economic	Justification	Internal Rate of Return (IRR)	6%	14 %	5 %	10.%	5 %	11 %	4%		12%	~~ 6 ~~	6 %	7 %	5%	%6	19 %			• • • • • •		1	
			Socioeconomic Ranking	1_	2	5		10.	7	4	6-	6	-11	14	13	16	15	12					1 3 1 2	
	50		Total Score	68.3	67.1	50.5	512	38.0	44.7	50.7	49.0	-40.4	202	31.8	34.8	23.3	31.7	34,8	1			1	1 1 1	
	Sociocconomic Ranking	of Life	Request by Upazila	15.0	15.0	13.5	13.5	12.0	12.0	10.5	10.5	-06	20-7	7.5	6.0	45	30	1.5	1	:	1			
	omíc F	lity of	Access to Social Services	83	Ş		× 7 7 7	4	42	42	47	-64		23	23	0.0	6	23		• • •				
	occon	Quality	Population Served	19		1 Jan 14							x ç		1 6		1 i	- • •						
	Socie	vitics	Linkage to Local and Regional	15.0	15.0	15.0	15.0	7.5	22	.15.0	- 11.3	0.0		000	1		3.8	00		1				
	STEP:2	Economic Activities	Existence of Parallel Development Activities	0	С	C	0	0	0	4	4	0			0	0	0	0	1	· · · · · · · · · · · · · · · · · · ·	, <b>, ,</b> , , , , , , , , , , , , , , , , , , ,			
	ST	conor	Degree of Access Improvement	6			\ \ \ \		4		4	ų	- ~				3	ŝ						
		щ	Agricultural Potential	11	4		ξΩ	0	ğ	9	a	ដុ	25	1	2	∞	9	16					1 1 1	
		•	Preliminary Screening			1 8 9 9			1	1						3 9 6 9 9			Drop	Drop	Drop	Drop		
Ì	ling		Environmental impact	Z	Z	Ż	Z	z	Z	Z	z¦ ···	z;	z 2		z	Z	Z	Z	Z	z	Z	Z;		-
	y Screei	:	Priority Ranking Prepared by Upazila		2		4	5	6.				2	12	13	14	15	16	-21	18	19	8	, , , , , , , , , , , , , , , , , , ,	
	Preliminary Screening	:	Availability of Alternative Transportation Means	z	z	Z	Z	z	z	z	z	z	zz	Z	z	Y	z	z	X	7	Y	X		
	••		Population Served (More than 600 persons/Km)	X	Y	\ >	У	N	X	Z	X	×;	× >	7	Y	7	X	Х	z	z	Z	z	• • • •	
	STEP 1		Linkage to market and/or administration center	×	7	>	< >	Υ	X	X	2	, , , , , , , , , , , , , , , , , , ,	×	Z	7	7	>	z	Z	z	Z	z		_
	·		Road Classification					ę	С	с. !	ы. ,			e n	5	5	5	ę	3	3	3	ę		
				- 1 Madhya - Companygoni	- 2 Kalikapur - Istagram	- 3 Barat - Gobindbur	1. Debidwar - Istagram	- 2 Fultali - Chowmuhani	- 4 Sepera - Sultanpur	- 5		n r	- 1 Jalargoni - Borokanna	5	2 - 6 Virallah - Modhumura	t - 7 Boroalompur - Dhamti	t - 8 Lokhipur - Barashaighor	t - 9 Tebaria - Chotna	3 - 10. Jafargoni - Rajamaher		2 - 12 Barur - Biranmondol	3 13 Sibunogor - Sultanpur		
				E	E	Ê	RF	R.	E	Ê	Ê	Z i	RR-	RR	2	R	R	R	IN.	IN IN	Γ. Σ	ิส	1	

Table G.1.16 Selection of Priority Road (Debidwar Upazila)

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# Table G.1.17 Road Improvement Works for MRDP-II (1/4) (Kachua Upazila)

Economic		NAME OF ROAD	Length of Accumulated		No. of			1.00
Ranking			Road Length		Struc.			
	FB B	Kachua - Sachaser G.C.C Road	15.5 15.5		26	26		· · ·
-1 	FB B	Kachua- Upazila Parishad Road	1.7 17.2		2	28		
• 1	ŘR - 4		5.5 22.7		9	37	·	
asc	RR - 1	Kachua- Kashimpur Road	14.5 37.2		13	50		
<u> </u>	RR - 2		6.5 43.7	n in the second	15	65	· .	
		Kachua- Nowabpur Road	8.0 51.7	51.7	10	75	75	
6		Rahima Nagor Subidpur via Meair Bazar	13.0 64.7		9	84	<u>_</u>	-
7			9.0 73.7		14	98		
<b>≓</b> ⁸	and the second	Uzani- Boxgonj Road	6.5 80.2		14	110		
0.0		Palkhal- Aliara Road	20.0 100.2		12	128		
10 10 11 12		Pipulkora-Rahimanagor Road	1 I	la ta j	14	142		;
	1. A	Kachua Teguria Road	1	1. S. A. A.	19	142		
	and the second second	Layamehaer- Afiara Road	11.0 123.2	77.0	8	165	90	
13		Suchar-Modhupur Road	5.5 128.7	17.0				
14.		Sachaer-Ragdoil-Bayek Road	8.0 136.7		: 12	177		
15		Rahimanagor-Paranpur Road	5.0 141.7	1. A.	8	185		· .
16		Monohorpur- Lowkora Road	6.5 148.2	 11	12	197		
17		Koraish- Khidda Road	3.5 151.7		. б.	203		,
18		Palgini Darbeshgonj Road	8.0 159.7	1	14	217		
19	RR - 7	Baratolagoan-Monoharpur Road	11.5 171.2		14	231		
20	RR - 32	Kon- Domoria Road	3.5 174.7		. 5	236		
3 21	RR - 16	Bachaya- Prashannakap Road	6.5 181.2	1.27	1	247		ζ.
22	RR - 27	Pathair-Aliara Road	6.5 187.7		8	255		
U 23 US 23 U 24 U 25	RR - 34	Monkhola- Kailine Road	2.5 190.2		9	264	i i	
C 24	RR - 17	Baraiara- Modhupur Road	5.5 195.7	17 ¹	sg. s 14	278		
Σ _{4 25}	RR - 20	Batapokari- Nindpur Road	8.0 203.7		20	298		
26	RR - 23	Ragunathpur Modhupur Road	8.5 212.2		10	308		
27	· RR - 18	D.C. Road- Jagoipur Road	8.0 220.2	1	5	313		÷.
28	RR - 21	Hasihnpur-Darbeshgonj Road	8.0 228.2		15	328		
29	RR 9	Kachua Batharish Road	11.0 239.2		15	-343	1	
30	RR - 25	Ragdoil- Gograbari Road	4.0 243.2		- 8	351		
31		Uzani- Singdda Road	8.0 251.2		15	366		
32	' RR - 19		10.0 261.2		8	374		
33	RR - 26	Akania- Dumoria Road	8.0 269.2		10	384		ut.
34	RR - 28	Palakhal- Charatbanga Road	6.5 275.7	147.0	12	395	231	

#### Table G.1.17 Road Improvement Works for MRDP-II (2/4) (Nabinagar Upazila)

Economic Ranking	. *		NAME OF ROAD	- ×	Accumulated Length		No. of Sirue,		
		FB 1	Nabinagar - B.Baria	4.7	4.7		2	2	
. 2	·	RR - 15	Mohesh Road - Goali - Rasulpur	19.5	24.2		17	19	
Phase	·	FB - 2	Nabinagar - Bancharampur	12.9	37.1		4	23	
ų ų		1	Shamagram - Solimgonj	7.3	44.4		3	26	
рц. 18			Link Road (R&H - Mohesh Road)	7.0	51.4	51.4	12	38	38
5			Infurpur - Jamuna River	5.0	56.4		4	42	,
6			Jenudpur - Bhaturiard	13.0	69.4		15	57	
7		RR - 5	Baishmuja Bazar - Gajirkandi via Birgoan	4.0	73.4	1	8	65	
	<u>۱</u>		Jenudpur - Jamuala River	7.0	80,4		6	21	
0.9			Raullahbad - Ratanpur via Mullah	6.0	86.4	· ·	6	77	
a n V			Majjara Girl's School - Bitibishara	7.0	93.4		10	87	
Phase -			Kanikara - Merukuta Bazar via Bagaura	8.0	101.4	· · ·	7	94	
12			Dashmouja - Jenudpur	4.5	105.9		7	101	
13			R&H Road - Kazimabad via Bolachang Ba		109.9	1	4	105	
14		· · · ·	Alamnagaar - Clustilepaug - Islampur	9.0	118.9	67.5	8	113	
15	t		Kaitala College - Mohesh Road	9.0	127.9		8	121	· · · · · · · · · · · · · · · · · · ·
16			Bikgoan - Kadarkhala	3.5	131.4		4	125	
17			Moheshpur Launch Ghat - Gori Goan via F	1	137,4		3	128	
19			Nabinagar - Karimshah Bazar	5.5	142.9		4	132	
20			Norshingpur - Chitti	3.5	146.4		3	135	
21			Maniknagar Launch Ghat - Khagatoa Baza		153.9		7	142	
$\exists 22$			Aliabad - Gopalpur	4.0	157.9		7	149	
1 23			Sshatmua - Rasullabad via Gaganathpur	7.5	165.4		7	156	
			Imambaril - Shardar via Narui	5.0	170.4		6	162	
924 125			Monipur - Natchar Bazar	12.0	182.4		13	175	
፫ ₂₆			Dhari - Shreerapur - Lahari	3.5	185.9			178	
27			Barikandi Launch Ghui - Jallird	8.0	193.9		. 7	185	
28	ļ .		Nurjahanpur - Muktarampur	5.0	198.9		4	189	
29			Krishnagar - Baluahat	2.0	200.9		2	191	
30			Kurichar - Boruhit	6.5	207.4		" 7	198	
31			Nabinagar - Aalamnagar	2.5	209.9		4	202	
32			Karaibari - Rashullabad	6.5	, 216.4	· ·	4	206	
33			Pandabnagar - Merkuta via Malal	4.5	220.9		6	212	
34 -		RR - 23	Kaligoanj - Dobacchail	13.5	234.4		29	241	
35		RR - 36	Konaghat - Maniknager	7.5	241.9	123.0	7	248	135

Table G.1.17	Road Improvement Works for MRDP-II (3/4)
	(Bancharampur Upazila)

:					
Economic Ranking	NAME OF ROAD	Length of Accumulated Road Length		No. of Struc,	
	FB · B Homna · Marichakandi	22.4 22.4		12 12	
2 2	FB - B Bancharampur - Nabinagar	19.2 41.6	· · ·	20 32	
13S	FB B Salimgonj - Kariakandi	13.7 55.3		9 41	
Phase	RR I Bancharampur - Dariachar	11.2 66.5	66.5	8 49	49
3 5	RR 12 Kalainagar Laturch Ghat - Rupashdi	6.4 72.9		2 51	· · · ·
1 6	RR - 2 Ujunchar - Dariachar - Bahorechar	11.2 84.1	11 s.	11 62	
Phase	RR - 6 Jobunganj Bazar - Bishnarampur	8.0 92.1	1.1	4 66	
сц <u>к</u>	RR - 7 Bishnarampur - Jaikalipur	12.8 104.9		5 71	]
a. ,	RR 10 Charlahani - Purbahaty via Guaratoli	9.6 114.5	48.0	11 82	33
10	RR - 9 Shalimabad - Junarchar	19.2 133.7		16 98	
n	RR - 3 Bushgari - Durgapur	6.4 140.1		3 101	
iii 12	RR · 8 Ulukandi - Pahariakandi	8.0 148.1	1.1	5 106	
= 13	RR - 5 Bancharampur - Kalainagar Launch Ghat	8.0 156.1		2 108	
1	RR 11 Fardabad - Junarchar	6.4 162.5	• •	6 114	
Se 15	RR - 4 Bahadurpur - Gokulnagar	8.0 170.5		5 119	
əs 14 15 16	RR 20 Rupashdi Kaurpur	3.2 173.7		4 123	
17 ·	RR - 14 Rupashdi - Ashrafbad	9.6 183.3		11 134	
18	RR - 19 Bahorchar South Para - Bahorchar	3.2 186.5	· .	2 136	
19	RR - 13 Rupashdi - Burberia	8.0 194.5	80.0	3 139	57

Table G.1.17 Road Improvement Works for MRDP-II (4/4) (Debidwar Upazila)

Economic Ranking	NAME OF ROAD	Length of Accumulated Road Length		No. of Strue.	
h4	FB - B Madhya - Companygonj	16.4 16.4		20 20	
0,	FB - B Kalikapur - Istagram	12.0 28.4	. • f	16 36	
135	RR - 1 Debidwar - Istagram	16.8 45.2		14 50	
Phase 7 7	FB - B Yusufpur - Prigoni	2.5 47.7	47.7	4 54	54,0
	FB - B Barat- Gobindpur	8.2 55.9		14 68	
<b>H</b>	FB · B Charbakar - Nabiabad G.C.C.R.	10.1 66.0		11 79	
87	FB - B Sepera - Sultanpur	6.0 72.0		2 81	
Phase	RR - 4 Debidwar - Atapur	12.4 84.4		19 100	÷
. ، ۵	RR + 3 Monghutu - Mudonogor	12.1 96.5	48.8	9 109	\$5,0
10	RR - 2 Fultali - Chowmuhani	20.3 116.8		15 124	
<b>=</b> 11	FB - B Jafargonj - Borokamta	11.4 128.2	· 1	15 139	
12	RR - 9 Tebaria - Chotna	5.2 133.4		3 142	· .
0 13	RR - 6 Virallah - Modhumura	9,9 143.3	·	11 153	
8 14	RR - 5 Fultali - Khiraikandi	14.9 158.2	. •	18 171	
a) 13 a) 14 15	RR - 8 Lokhipur - Barashaighor	20.3 178.5	2 - 1	26 197	e e e e tert
16	RR 7 Boroalompur Dhamli	9.1 187.6	91.1	12 209	100.0

## Table G.2.1 Facility Plan of Growth Center Improvement for MRDP-II

## <u>Kachua Upazila</u>

Kac	hua Upazila						
·	Item	Unit	Kachua	Sachar	Palakhal	Rahimanagar	Total
1	Bridge (12m L x 3.66m W)	по	1	0	0	0	1
2	Shed (New)	m2	192	270	270	405	1,137
3	Shed (Rehabilitation)	m2	768	0	0	0	768
4	Open Sale Platform	m2	540	675	810	810	2,835
5	Drain Ditch	m	1,233	420	466	473	2,592
6	Garbage Pit	no	12	7	8	9	36
7	Laterine	no	3	3	1	3	10
8	Water Supply System	no	3	2	1	5	11
9	Concrete Pavement (t=150)	m2	8,930	1,305	1,420	1,385	13,040
10	Expansion Area	m2	4,160	i,600	1,600	1,600	8,960

#### <u>Nabinagar Upazila</u>

Nabi	inagar Upazila		- 1 . -				
	Item	Unit	Nabinagar	Bholachong	Sreeghar	Markuti	Total
1	Shed (New)	m2	540	270	270	270	1,350
2	Shed (Rehabilitation)	m2	0	0	0	0	0
3	Open Sale Platform	m2	270	810	810	810	2,700
4	Drain Ditch	m	1,206	538	559	552	2,855
5	Garbage Pit	no	8	8	8	6	30
6	Laterine	no	1	1	1 -	1	4
. 7	Water Supply System	no	2	2	2	1	7
8	Concrete Pavement (t=150)	m2	3,394	1,780	1,960	1,645	8,779
9	Expansion Area	m2	0	1,600	1,600	1,600	4,800

# Bancharampur Uapzila

: .	Item	Unit	Mouilagonj Ma	richakandi	Jibonganj	Ujanchar	Total
1	Shed (New)	m2	1,080	135	270	270	1,755
2	Shed (Rehabilitation)	m2	0	0	0	0	0
3	Open Sale Platform	m2	540	675	810	675	2,700
4	Drain Ditch	m	2,225	368	466	525	3,584
. 5	Garbage Pit	по	13	б	8	7	34
6	Laterine	no	3	1	2	2	8
7	Water Supply System	no	1	0	0	. 0	1
8	Concrete Pavement (t=150)	m2	8,549	1,240	1,420	1,829	13,038
9	Expansion Area	m2	0	1,600	1,600	1,600	4,800

#### <u>Debidwar Upazila</u>

	Item	Unit	Debidwar	Pirganji	Mohanpur	Jafargonj	Total
1	Shed (New)	m2	270	270	270	135	945
2	Shed (Rehabilitation)	m2	270	0	0	0	270
3	Open Sale Platform	m2	540	675	675	675	2,565
^{···} 4	Drain Ditch	m	544	406	406	358	1,714
5	Garbage Pit	no	9	7		6	29
6	Laterine	no	1	1	· 1	. 1	4
.7	Water Supply System	no	1	· · 1	. 1	<b>. 1</b>	4
8	Concrete Pavement (t=150)	m2	3,568	1,255	1,255	1,290	7,368
9	Expansion Area	m2	2,080	1,600	1,600	1,600	6,880

 Table G.2.2 Facility Plan of Growth Center Improvement for Priority Project

Kachua Upazila

<del></del>	Item	Unit	Kachua	Sachar	Palakhal Ra	himanagar	Total
1	Bridge (12m L x 3.66m W)	no	1	0	0	0	1
2	Shed (New)	m2	192	270	270	405	1,137
3	Shed (Rehabilitation)	m2	768	0	0	0	768
4	Open Sale Platform	m2	540	135	270	270	1,215
5	Drain Ditch	m	1,233	168	214	221	1,836
6	Garbage Pit	no	12	3	4	5	24
7	Laterine	no	3	3	1	3	10
8	Water Supply System	no	. 3	2	1	5	11
9	Concrete Pavement (t=150)	m2	8,930	245	360	325	9,860
10	Expansion Area	m2	4,160	0	0	0	4,160

### <u>Nabinagar Upazila</u>

Nab	inagar Upazila	. •		• • • •	· · · ·		y Ang tao Ang
	Item	Unit	Nabinagar	Bholachong	Sreeghar	Markuti	Total
1	Shed (New)	m2	540	270	270	270	1,350
2	Shed (Rehabilitation)	m2	0	0	0	0	0
3	Open Sale Platform	m2	270	270	270	270	1,080
4	Drain Ditch	m	1,206	286	307	300	2,099
5	Garbage Pit	no	8	4	. 4	4	20
- 6	Laterine	no	1	ай — <b>1</b> .	1	1	. 4
7	Water Supply System	no	2	- 1 - <b>1</b> -	2	1	6
8	Concrete Pavement (t=150)	m2	3,394	720	900	585	5,599
9	Expansion Area	m2	0	0	0	0	0

#### Bancharampur Uapzila

	ltem	Unit	Mouilagonj	Marichakandi	Jibonganj	Ujanchar	Total
1	Shed (New)	m2	1,080	135	270	270	1,755
2	Shed (Rehabilitation)	m2	0	0	0	0	0
.3	Open Sale Platform	m2	540	135	270	135	1,080
4	Drain Ditch	m	2,225	116	214	273	2,828
. 5	Garbage Pit	no	- 13	- 2	4	. 3	22
6	Laterine	no	3	1	2	2	8
7	Water Supply System	no	- 1	0	0	1	2
8	Concrete Pavement (t=150)	m2	8,549	180	360	769	9,858
9	Expansion Area	m2	0	0	0	0	0

#### <u>Debidwar Upazila</u>

						<ul> <li>The instantial stage state of a second state of a second state.</li> </ul>
<u> </u>	Item	Unit	Debidwar	Pirganji	Mohanpur	Jafargonj Total
1	Shed (New)	m2	270	270	270	135 945
2	Shed (Rehabilitation)	m2	270	0	0	0 270
3	Open Sale Platform	m2	540	135	135	135 945
4	Drain Ditch	m 👘	544	154	154	106 958
5	Garbage Pit	no	9	3	3	2 17
6	Laterine	no	1	1 . I .	1	1 4
7	Water Supply System	no	· <u>1</u> . ·	<b>1</b> .	1.	- <b>1</b> - <b>4</b>
. 8	Concrete Pavement (t=150)	m2	3,568	195	195	230 4,188
9	Expansion Area	m2	2,080	0	0	0 2,080
	•				· · · · · · · · · · · · · · · · · · ·	

Year	Installed Generating Capacity(MW)	Maximam Demend (MW)	Balance (MW)
1980/81	813	544	269
1981/82	857	598	259
1982/83	919	709	210
1983/84	1,121	761	360
1984/85	1,140	887	253
1985/86	1,171	883	288
1986/87	1,607	1,083	524
1987/88	2,146	1,317	829
1988/89	2,365	1,393	972

# Table G.3.1Installed Generating Capacity and<br/>Maximaum Demand for Electrification

Note : Megawatt(MW) = Million watt

#### Table G.3.2 Generation and Consumption of Electricity

Year	Generation (Million kwh)	Consumption (Million kwh)	Balance(Loss) (Million kwh)	
1980/81	2,662	1,594	1,068	
1981/82	3,036	2,028	1,008	
1982/83	3,433	2,399	1,034	
1983/84	3,967	2,704	1,263	
1984/85	4,545	2,841	1,704	
1985/86	4,801	3,307	1,494	
1986/87	5,587	3,485	2,102	
1987/88	6,542	3,772	2,770	
1988/89	7,114	4,694	2,420	
Annual Growth Rate on an Average(%)	13.1%	14.5%	******	

Table G.3.3 Rural Electrification and Length of Transmission and Distribution Lines

	Electrification	zation		Transmission line	üe .	Distribution line	ne
Year	No of villages Cumulative N.o of villa electrified	Cumulative N.o of villages electrified	No of miles		Cumulative miles	No of mites	Cumulative míles
1980/81	706	2,887		121	1,215	1,767	15,158
81/82	831	3,718		105	1,320	1,356	18,294
82/83	1,179	4,897		14	1,334	1,510	21,025
83/84	878	5,775		74	1,408	1,062	23,355
84/85	732	6,507		95	1,503	1,740	26,595
85/86	<b>642</b>	7,452		69	1,570	2,745	29,340
86/87	1,611	9,063	· · ·	<b>8</b>	1,669	2,987	32,327
83/18	1,468	10,531		ल्ल	1,670	4,113	36,440

Note : Total No. of villages in Bangladesh is 86,170(1981 Census)

# Table G.3.4 Rural Electrification Projects

							The second s	
Name of Project/ Donors	Number of PBS to be Established	Number of Target Upazilas	Number of Target Villages	Commencement Year/ Year of Completion	Project Cost (Million Taka)	Amont of Aid (Million USS)	Number of 33/11KV Substation	Total Length of Distribution Line (in kilometer)
Phase I (USAID)	13	52	6,420	1977/88 1985/86	2,407.6	79.2	29	11,336
Phase I Exten (KFAED)	8	26	2,727.6	1981/82 1987/88	1,246.0	29.90	12	3,998
Phase IIa (USAID/FIN)	5	19	1,722.6	1982/83 1988/89	1,452.2	40.0/ 5.7	11	4,233
Phase IIb (IDA)	7	30	2,590.8	1982/83 1988/89	2,047.7	48.40	14	5,477
Extn. of Tangail PBS-I & Mymensingh I (ADB)		2	198	1983/84 1987/88	344.7	7.2	2	877
Phase IIIa (IDA)	7	42	4,290	1985/86 1991/92	3,074.6	79.0	22	9,644
Phase IIIb (USAID)		1	117.	1986/87 1992/93	2,123.2	60.0	16	5,670
Phase IIIb Extn (FINLAND)				1987/88 1990/91	188.0	4.8	24	570
Phase IIIc (CIIDA/SFD)		12	810	1987/88 1991/92	1,942.3	28.0/ 15.0	15	5,400
Phase IVa	4	47		1990/91 1997/98	5,231.68	105.0	18	9,950
Total	44	231	18,876				163	

## Table G.7.1 Daily Per Capita Calory Intake

1.41H414			1 - A - A - A - A - A - A - A - A - A -						
Others	3.2	2.6	-	2.9	1.9		4.9	7.6	
Sugar Our	8,3 29,4	5,5 10.4		31.2	4.5	-	18.3	6.3	
Sugar & Gur	40.9	18.3 5,3	41.7	37.3 3.2	17.2	31,4	39.9	12.7	. 74.0
N	46.0	10 4	41 M	27 1	18.4	37.2	63.1	26.6	72.1
Fruits	16.7	14.0	20.2	15.6	13.8	19.0	19.6	15.8	28,
Others	8,1	30.1	23.5	7.6	29.7	23.4	10.6	33.5	24.
Chillies	10.1	9,5	12.3	10.3	9,5	12.3	9.0	9.2	13.
Onion	4,3	5.7	4.5	3.9	5.5	4.2	7.1	7.0	б.
Condiments & Spices	22.5	45.3	40.3	21.8	an a				1
		4 - 4	10.7	<b>31</b> 6	44.7	39,9	26.7	49.7	43.
Flah	35.0	45.9	53,4	33.6	43.7	50.7	43.3	62.7	71.
Others	- 1 <b>-</b>	0.5	0.2	•	0.5	0.2	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19	0.4	
Eggs	1.9	6.0	6.2	1.8	5.0	5.8	3.2	13.7	. 8.
Ducks	1. A.					1 <u>.</u> 1			: .
Chicken &	2.5	2.3	2.6	2.1	2.1	. 2.3	4.3	4,4	4.
Beef	2.4	4.9	5.3	1.7	4.4	4.4	6.7	9,0	11.
Mutton	1,0	1.9	1.5	0.5	1.6	1.3	3.8	. 3.4	3.
& Eggs	1.9	13.0	13.0	<b>U.1</b>		17.V		· · ·	M / 12
Meat, Poultry	7.8	15.6	15.8	6.1	13.6	14.0	18.0	30.9	27.
Others	6.4	5.2	1.0	6.7	4.4	0.8	4.4	11.3	1.
Soyabean	14.2	19.2	10.5	6.1	16.5	5.4	64.4	39,7	46.
Mustard	18,3	45.8	56.1	17.8	45.5	55.6	21.5	47.7	59.
Edible Olls	38.9	70.2	67.6	30.6	66.4	61,8	99.3	98,7	107.
Products									
Milk & Milk	13.2	19.5	26.7	11.2	17.5	25.3	25.4	34.8	36.
		-					· ·	~ ~	
Others	4.2	29.8	6.6	.3.5	32.3	6.2	7.9	10.5	9.
Kheshari	19.4	17.7	23.7	20.7	18,8	26,0	11.6	8.8	7
Mashkalai	6,1	4.8	3.0	6.8	5.3	3.3	2.1	1.8	1.
Masoor	16.5	35.6	31.4	12.0	33.2	28.2	44.3	53.9	53.
Pulses	46.2	87.9	64.7	43.0	89.6	63.7	65.9	75.0	71.0
Others	· · · · · · · · · · · · · · · · · · ·	46.6	51.1		40.0	21.2	•.	40,2	JU.;
Leafy Vege.	;-	6.7	10.3	- 11 - <del>-</del>	6.6 46.6	10.0 51.2	٠	8.3 46,2	12. 50.
Vegetables	43.5	\$3.3	61.4	43.9	53.2	61.2	41.0	54.5	62,8
EVIAIO							1.1		
Potato	29.5	32.2	42.9	29.1	30.2	40,8	31.9	47.6	57.1
Others	29.8	8.2	26.4	26.5	7.3	26.0	54.0	15.5	29.
Wheat	200.8	223.4	177.9	186.1	218.9	176.6	291.5	257.8	186.
Rice	1383.4	1447.8	1543.8	1403.4	1476.1	1578.5	1259.9	1231.2	1304.
Cereals	1614.0	1679.4	1748.1	1616.0	1702.3	1781.1	1605.4	1504.5	1520.
Food Groups	1981-82	1983-84	1985-86	1981-82	1983-84	1985-86	1981-82	1983-84	1985-8
4		Bangladesh			Rural	-		Urban	

Source

: REPORT OF THE BANGLADESH HOUSEHOULD EXPENDITURE SURVEY, 1985-86 /BBS/Dhaka,1988

### Table G.7.2 Daily Per Capita Protein Intake

							(Unit : kcai/C	apita/Llay)	سر مسبق بروی رو با آنا ما ب
_		Bangladesh			Rural			Urban	
Food Groups	1981-82	1983-84	1985-86	1981-82	1983-84	1985-86	1981-82	1983-84	1985-8
1 Cereals	36,97	38,20	39.12	36.76	38.62	39.80	38.17	34.99	34.4
Rice	29,15	30.50	32,52	29.57	31.10	33.25	26.54	25.94	27.4
Wheat	7.12	7.48	5.96	6.60	7.33	5.91	10.34	8.63	6.2.
Others	0.70	0.22	0.64	0.59	0.19	0.64	1.29	0.42	0.73
2 Potato	8,78	1.09	1.41	9.74	1,02	1.33	1.03	1.60	1.94
3 Vegetables	1.80	2.96	3.17	1.77	1.99	3.09	1.95	2,61	3.73
Leafy Vege.	-	0.56	0.92	. <del>-</del>	0.54	0.87	-	0.80	1.21
Others	-	1.50	2.25	•	1.45	2.22	-	1.81	2.52
4 Puises	3.85	6.36	4.89	3.65	6.47	4.84	5.14	5,48	5.23
Masoor	1.21	2.60	2.30	0.88	2.43	2.06	3.24	3.94	3.94
Mashkalai	0.42	0.34	0.21	0,47	0.36	0.23	0.15	0.12	0.09
Kheshari	1.59	1.44	1.93	1.69	1.54	2.13	0.95	0.72	0.61
Others	0.63	1.98	0.45	0.61	2.14	0.42	0.80	0.70	0.59
5 Milk & Milk	0.63	0.99	0.92	0.54	0.88	0.86	1.19	1.82	1.34
Products					· .				
6 Edible Olls	0.68	1.02	1.24	0.66	1.01	1.23	0.79	1.06	1.32
7 Meat, Poultry	2.71	2.27	2,26	2.26	2.01	1.98	5,45	4.32	4.22
& Eggs	• •								
Muiton	0.18	0.34	0.19	0.09	0.30	0.16	0.69	0.61	0.4(
Beef	0.47	0.98	1.06	0.33	0.87	0.88	1.33	1.79	2.32
Chicken & Ducks	0.58	0.44	0.51	0.51	0.39	0.46	1.02	0.83	0.8
Eggs	1.48	0.45	0.47	1.33	0.38	0.44	2.41	1.03	0.68
Others		0.06	0.03	· -	0.06	0.04	-	0.06	0.01
8 Fish	6.74	6.35	7.85	6.48	6.13	7.38	8.33	8.09	9.66
9 Condiments	0.75	1.66	1,42	6.73	1.64	1.41	0.84	1.79	1.60
& Spices Onion	0.10	0.14	0.11	0.09	0.13	0.10	0.17	0.14	0.14
Chillies	0.10	0.48	0.60	0.46	0.48	0.60	0.40	0.61	0.48
Others	0.20	1.04	0.71	0.18	1.03	0.71	0.27	0.74	1.04
10 Fruits	0.36	6.39	0.74	1.03	0.38	0,69	0.51	0.47	1.02
11 Sugar & Gur 🕠	9,33	9.84	0.01	9.25	9.03	0.01	9.82	0.14	0,0
Sugar	0.01	-	<del>.</del> .	0.01	. <del>-</del> '	•	0.01	0.01	
Gur Others	0.32	· •	-	0.24	0.03	•	0.81	0.13	
an an taon an t									
12 Miscellaneous	<b>0.61</b>	0.50	9.47	0.61	0.50	9.41	0.58	9.49	0,8:
Total	\$6.21	69.93	63,50	55.48	69.68	63.23	64.89	62.86	65.42

Source

: REPORT OF THE BANGLADESH HOUSEHOULD EXPENDITURE SURVEY, 1985-86 /BBS/Dhaka ,1988