

Table G.1.13 Calculation Table for IRR
(Kachua Upazila) (1/10)

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 1 | |
| Name of Road | FB- | | | | |
| Length of Road | 1.7 Km | | | | |
| Cost | 10,010 | | | | |
| Unit O&M Cost | 20.0 | O&M Cost | 34.0 | | |
| Benefit | T 918.0 | | | | |
| | A 190.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 10,010 | 0 | 10,010 | 0.0 | -10,010 |
| 2 | | 34 | 34 | 1,108.0 | 1,074 |
| 3 | | 34 | 34 | 1,127.0 | 1,093 |
| 4 | | 34 | 34 | 1,147.9 | 1,114 |
| 5 | | 34 | 34 | 1,170.9 | 1,137 |
| 6 | | 34 | 34 | 1,196.2 | 1,162 |
| 7 | | 34 | 34 | 1,224.0 | 1,190 |
| 8 | | 34 | 34 | 1,254.6 | 1,221 |
| 9 | | 34 | 34 | 1,288.3 | 1,254 |
| 10 | | 34 | 34 | 1,325.3 | 1,291 |
| 11 | | 34 | 34 | 1,366.0 | 1,332 |
| 12 | | 34 | 34 | 1,410.8 | 1,377 |
| 13 | | 34 | 34 | 1,460.1 | 1,426 |
| 14 | | 34 | 34 | 1,514.3 | 1,480 |
| 15 | | 34 | 34 | 1,573.9 | 1,540 |
| 16 | | 34 | 34 | 1,639.5 | 1,606 |
| 17 | | 34 | 34 | 1,711.7 | 1,678 |
| 18 | | 34 | 34 | 1,791.0 | 1,757 |
| 19 | | 34 | 34 | 1,878.3 | 1,844 |
| 20 | | 34 | 34 | 1,974.4 | 1,940 |
| IRR = 10 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | KACHUA | | No. | 2 | |
| Name of Road | FB | | | | |
| Length of Road | 15.5 Km | | | | |
| Cost | 105,313 | | | | |
| Unit O&M Cost | 20.0 | O&M Cost | 310.2 | | |
| Benefit | T 3,127.0 | | | | |
| | A 3,524.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 105,313 | 0 | 105,313 | 0.0 | -105,313 |
| 2 | | 310 | 310 | 6,651.0 | 6,341 |
| 3 | | 310 | 310 | 7,003.4 | 6,693 |
| 4 | | 310 | 310 | 7,391.0 | 7,081 |
| 5 | | 310 | 310 | 7,817.4 | 7,507 |
| 6 | | 310 | 310 | 8,286.5 | 7,976 |
| 7 | | 310 | 310 | 8,802.4 | 8,492 |
| 8 | | 310 | 310 | 9,370.0 | 9,060 |
| 9 | | 310 | 310 | 9,994.3 | 9,684 |
| 10 | | 310 | 310 | 10,681.0 | 10,371 |
| 11 | | 310 | 310 | 11,436.4 | 11,126 |
| 12 | | 310 | 310 | 12,267.3 | 11,957 |
| 13 | | 310 | 310 | 13,181.4 | 12,871 |
| 14 | | 310 | 310 | 14,186.8 | 13,877 |
| 15 | | 310 | 310 | 15,292.8 | 14,983 |
| 16 | | 310 | 310 | 16,509.4 | 16,199 |
| 17 | | 310 | 310 | 17,847.6 | 17,537 |
| 18 | | 310 | 310 | 19,319.7 | 19,009 |
| 19 | | 310 | 310 | 20,939.0 | 20,629 |
| 20 | | 310 | 310 | 22,720.1 | 22,410 |
| IRR = 7 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | KACHUA | | No. | 3 | |
| Name of Road | RR-1 | | | | |
| Length of Road | 14.5 Km | | | | |
| Cost | 62,399 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 246.5 | | |
| Benefit | T 729.0 | | | | |
| | A 3,043.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 62,399 | 0 | 62,399 | 0.0 | -62,399 |
| 2 | | 247 | 247 | 3,772.0 | 3,526 |
| 3 | | 247 | 247 | 4,076.3 | 3,830 |
| 4 | | 247 | 247 | 4,411.0 | 4,165 |
| 5 | | 247 | 247 | 4,779.2 | 4,533 |
| 6 | | 247 | 247 | 5,184.3 | 4,938 |
| 7 | | 247 | 247 | 5,629.8 | 5,383 |
| 8 | | 247 | 247 | 6,119.9 | 5,873 |
| 9 | | 247 | 247 | 6,658.9 | 6,412 |
| 10 | | 247 | 247 | 7,251.9 | 7,005 |
| 11 | | 247 | 247 | 7,904.2 | 7,658 |
| 12 | | 247 | 247 | 8,621.8 | 8,375 |
| 13 | | 247 | 247 | 9,411.0 | 9,165 |
| 14 | | 247 | 247 | 10,279.2 | 10,033 |
| 15 | | 247 | 247 | 11,234.3 | 10,988 |
| 16 | | 247 | 247 | 12,284.8 | 12,038 |
| 17 | | 247 | 247 | 13,440.4 | 13,194 |
| 18 | | 247 | 247 | 14,711.5 | 14,465 |
| 19 | | 247 | 247 | 16,109.8 | 15,863 |
| 20 | | 247 | 247 | 17,647.8 | 17,401 |
| IRR = 8 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | KACHUA | | No. | 4 | |
| Name of Road | RR-2 | | | | |
| Length of Road | 6.5 Km | | | | |
| Cost | 49,331 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 110.5 | | |
| Benefit | T 241.0 | | | | |
| | A 2,111.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 49,331 | 0 | 49,331 | 0.0 | -49,331 |
| 2 | | 111 | 111 | 2,352.0 | 2,242 |
| 3 | | 111 | 111 | 2,563.1 | 2,453 |
| 4 | | 111 | 111 | 2,795.3 | 2,685 |
| 5 | | 111 | 111 | 3,050.7 | 2,940 |
| 6 | | 111 | 111 | 3,331.7 | 3,221 |
| 7 | | 111 | 111 | 3,640.8 | 3,530 |
| 8 | | 111 | 111 | 3,980.8 | 3,870 |
| 9 | | 111 | 111 | 4,354.7 | 4,244 |
| 10 | | 111 | 111 | 4,766.1 | 4,656 |
| 11 | | 111 | 111 | 5,218.6 | 5,108 |
| 12 | | 111 | 111 | 5,716.4 | 5,606 |
| 13 | | 111 | 111 | 6,263.9 | 6,153 |
| 14 | | 111 | 111 | 6,866.2 | 6,756 |
| 15 | | 111 | 111 | 7,528.7 | 7,418 |
| 16 | | 111 | 111 | 8,257.5 | 8,147 |
| 17 | | 111 | 111 | 9,059.2 | 8,949 |
| 18 | | 111 | 111 | 9,941.0 | 9,830 |
| 19 | | 111 | 111 | 10,911.0 | 10,800 |
| 20 | | 111 | 111 | 11,978.0 | 11,867 |
| IRR = 7 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------------------|-------------|
| Upazila | KACHUA | | No. | 5 | |
| Name of Road | RR-3 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 36,905 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 418.0 | | | | |
| | A 997.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 36,905 | 0 | 36,905 | 0.0 | -36,905 |
| 2 | | 136 | 136 | 1,415.0 | 1,279 |
| 3 | | 136 | 136 | 1,514.7 | 1,379 |
| 4 | | 136 | 136 | 1,624.4 | 1,488 |
| 5 | | 136 | 136 | 1,745.0 | 1,609 |
| 6 | | 136 | 136 | 1,877.7 | 1,742 |
| 7 | | 136 | 136 | 2,023.7 | 1,888 |
| 8 | | 136 | 136 | 2,184.2 | 2,048 |
| 9 | | 136 | 136 | 2,360.9 | 2,225 |
| 10 | | 136 | 136 | 2,555.2 | 2,419 |
| 11 | | 136 | 136 | 2,768.9 | 2,633 |
| 12 | | 136 | 136 | 3,004.0 | 2,868 |
| 13 | | 136 | 136 | 3,262.6 | 3,127 |
| 14 | | 136 | 136 | 3,547.0 | 3,411 |
| 15 | | 136 | 136 | 3,859.9 | 3,724 |
| 16 | | 136 | 136 | 4,204.1 | 4,068 |
| 17 | | 136 | 136 | 4,582.7 | 4,447 |
| 18 | | 136 | 136 | 4,999.2 | 4,863 |
| 19 | | 136 | 136 | 5,457.3 | 5,321 |
| 20 | | 136 | 136 | 5,961.2 | 5,825 |
| IRR = 3 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------------------|-------------|
| Upazila | KACHUA | | No. | 6 | |
| Name of Road | RR-4 | | | | |
| Length of Road | 5.5 Km | | | | |
| Cost | 37,347 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 93.5 | | |
| Benefit | T 511.0 | | | | |
| | A 1,617.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 37,347 | 0 | 37,347 | 0.0 | -37,347 |
| 2 | | 94 | 94 | 2,128.0 | 2,035 |
| 3 | | 94 | 94 | 2,289.7 | 2,196 |
| 4 | | 94 | 94 | 2,467.6 | 2,374 |
| 5 | | 94 | 94 | 2,663.2 | 2,570 |
| 6 | | 94 | 94 | 2,878.4 | 2,785 |
| 7 | | 94 | 94 | 3,115.2 | 3,022 |
| 8 | | 94 | 94 | 3,375.6 | 3,282 |
| 9 | | 94 | 94 | 3,662.1 | 3,569 |
| 10 | | 94 | 94 | 3,977.2 | 3,884 |
| 11 | | 94 | 94 | 4,323.8 | 4,230 |
| 12 | | 94 | 94 | 4,705.1 | 4,612 |
| 13 | | 94 | 94 | 5,124.5 | 5,031 |
| 14 | | 94 | 94 | 5,585.8 | 5,492 |
| 15 | | 94 | 94 | 6,093.3 | 6,000 |
| 16 | | 94 | 94 | 6,651.6 | 6,558 |
| 17 | | 94 | 94 | 7,265.6 | 7,172 |
| 18 | | 94 | 94 | 7,941.1 | 7,848 |
| 19 | | 94 | 94 | 8,684.1 | 8,591 |
| 20 | | 94 | 94 | 9,501.4 | 9,408 |
| IRR = 8 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------------------|-------------|
| Upazila | KACHUA | | No. | 7 | |
| Name of Road | RR-5 | | | | |
| Length of Road | 12.0 Km | | | | |
| Cost | 61,757 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 204.0 | | |
| Benefit | T 399.0 | | | | |
| | A 2,363.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 61,757 | 0 | 61,757 | 0.0 | -61,757 |
| 2 | | 204 | 204 | 2,762.0 | 2,558 |
| 3 | | 204 | 204 | 2,998.3 | 2,794 |
| 4 | | 204 | 204 | 3,258.2 | 3,054 |
| 5 | | 204 | 204 | 3,544.2 | 3,340 |
| 6 | | 204 | 204 | 3,858.7 | 3,655 |
| 7 | | 204 | 204 | 4,204.6 | 4,001 |
| 8 | | 204 | 204 | 4,585.2 | 4,381 |
| 9 | | 204 | 204 | 5,003.8 | 4,800 |
| 10 | | 204 | 204 | 5,464.3 | 5,260 |
| 11 | | 204 | 204 | 5,970.8 | 5,767 |
| 12 | | 204 | 204 | 6,528.0 | 6,324 |
| 13 | | 204 | 204 | 7,140.9 | 6,937 |
| 14 | | 204 | 204 | 7,815.1 | 7,611 |
| 15 | | 204 | 204 | 8,556.7 | 8,353 |
| 16 | | 204 | 204 | 9,372.5 | 9,168 |
| 17 | | 204 | 204 | 10,269.8 | 10,066 |
| 18 | | 204 | 204 | 11,256.9 | 11,053 |
| 19 | | 204 | 204 | 12,342.7 | 12,139 |
| 20 | | 204 | 204 | 13,537.1 | 13,333 |
| IRR = 6 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------------------|-------------|
| Upazila | KACHUA | | No. | 8 | |
| Name of Road | RR-6 | | | | |
| Length of Road | 20.0 Km | | | | |
| Cost | 80,106 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 340.0 | | |
| Benefit | T 541.0 | | | | |
| | A 2,377.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 80,106 | 0 | 80,106 | 0.0 | -80,106 |
| 2 | | 340 | 340 | 2,918.0 | 2,578 |
| 3 | | 340 | 340 | 3,155.7 | 2,816 |
| 4 | | 340 | 340 | 3,417.2 | 3,077 |
| 5 | | 340 | 340 | 3,704.8 | 3,365 |
| 6 | | 340 | 340 | 4,021.2 | 3,681 |
| 7 | | 340 | 340 | 4,369.2 | 4,029 |
| 8 | | 340 | 340 | 4,752.0 | 4,412 |
| 9 | | 340 | 340 | 5,173.1 | 4,833 |
| 10 | | 340 | 340 | 5,636.3 | 5,296 |
| 11 | | 340 | 340 | 6,145.8 | 5,806 |
| 12 | | 340 | 340 | 6,706.3 | 6,366 |
| 13 | | 340 | 340 | 7,322.9 | 6,983 |
| 14 | | 340 | 340 | 8,001.0 | 7,661 |
| 15 | | 340 | 340 | 8,747.0 | 8,407 |
| 16 | | 340 | 340 | 9,567.7 | 9,228 |
| 17 | | 340 | 340 | 10,470.3 | 10,130 |
| 18 | | 340 | 340 | 11,463.3 | 11,123 |
| 19 | | 340 | 340 | 12,555.5 | 12,215 |
| 20 | | 340 | 340 | 13,756.9 | 13,417 |
| IRR = 3 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 9 | |
| Name of Road | RR-7 | | | | |
| Length of Road | 11.5 Km | | | | |
| Cost | 52,787 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 195.5 | | |
| Benefit | T 176.0 | | | | |
| | A 772.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 52,787 | 0 | 52,787 | 0.0 | -52,787 |
| 2 | | 196 | 196 | 948.0 | 753 |
| 3 | | 196 | 196 | 1,025.2 | 830 |
| 4 | | 196 | 196 | 1,110.1 | 915 |
| 5 | | 196 | 196 | 1,203.5 | 1,008 |
| 6 | | 196 | 196 | 1,306.3 | 1,111 |
| 7 | | 196 | 196 | 1,419.3 | 1,224 |
| 8 | | 196 | 196 | 1,543.6 | 1,348 |
| 9 | | 196 | 196 | 1,680.4 | 1,485 |
| 10 | | 196 | 196 | 1,830.9 | 1,635 |
| 11 | | 196 | 196 | 1,996.3 | 1,801 |
| 12 | | 196 | 196 | 2,178.4 | 1,983 |
| 13 | | 196 | 196 | 2,378.6 | 2,183 |
| 14 | | 196 | 196 | 2,598.9 | 2,403 |
| 15 | | 196 | 196 | 2,841.2 | 2,646 |
| 16 | | 196 | 196 | 3,107.7 | 2,912 |
| 17 | | 196 | 196 | 3,400.8 | 3,205 |
| 18 | | 196 | 196 | 3,723.3 | 3,528 |
| 19 | | 196 | 196 | 4,078.1 | 3,883 |
| 20 | | 196 | 196 | 4,468.3 | 4,273 |
| IRR = -3 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 10 | |
| Name of Road | RR-8 | | | | |
| Length of Road | 6.5 Km | | | | |
| Cost | 42,647 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 110.5 | | |
| Benefit | T 87.0 | | | | |
| | A 1,150.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 42,647 | 0 | 42,647 | 0.0 | -42,647 |
| 2 | | 111 | 111 | 1,237.0 | 1,127 |
| 3 | | 111 | 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 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 11 | |
| Name of Road | RR-9 | | | | |
| Length of Road | 11.0 Km | | | | |
| Cost | 60,315 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 187.0 | | |
| Benefit | T 188.0 | | | | |
| | A 1,266.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 60,315 | 0 | 60,315 | 0.0 | -60,315 |
| 2 | | 187 | 187 | 1,454.0 | 1,267 |
| 3 | | 187 | 187 | 1,580.6 | 1,394 |
| 4 | | 187 | 187 | 1,719.9 | 1,533 |
| 5 | | 187 | 187 | 1,873.0 | 1,686 |
| 6 | | 187 | 187 | 2,041.6 | 1,855 |
| 7 | | 187 | 187 | 2,226.9 | 2,040 |
| 8 | | 187 | 187 | 2,430.8 | 2,244 |
| 9 | | 187 | 187 | 2,655.1 | 2,468 |
| 10 | | 187 | 187 | 2,901.8 | 2,715 |
| 11 | | 187 | 187 | 3,173.2 | 2,986 |
| 12 | | 187 | 187 | 3,471.7 | 3,285 |
| 13 | | 187 | 187 | 3,800.0 | 3,613 |
| 14 | | 187 | 187 | 4,161.3 | 3,974 |
| 15 | | 187 | 187 | 4,558.6 | 4,372 |
| 16 | | 187 | 187 | 4,995.6 | 4,809 |
| 17 | | 187 | 187 | 5,476.4 | 5,289 |
| 18 | | 187 | 187 | 6,005.2 | 5,818 |
| 19 | | 187 | 187 | 6,587.0 | 6,400 |
| 20 | | 187 | 187 | 7,226.9 | 7,040 |
| IRR = 0 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | KACHUA | | No. | 12 | |
| Name of Road | RR-10 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 44,693 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 192.0 | | | | |
| | A 1,926.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 44,693 | 0 | 44,693 | 0.0 | -44,693 |
| 2 | | 136 | 136 | 2,118.0 | 1,982 |
| 3 | | 136 | 136 | 2,310.6 | 2,175 |
| 4 | | 136 | 136 | 2,522.5 | 2,386 |
| 5 | | 136 | 136 | 2,755.5 | 2,620 |
| 6 | | 136 | 136 | 3,011.9 | 2,876 |
| 7 | | 136 | 136 | 3,293.8 | 3,158 |
| 8 | | 136 | 136 | 3,604.0 | 3,468 |
| 9 | | 136 | 136 | 3,945.2 | 3,809 |
| 10 | | 136 | 136 | 4,320.6 | 4,185 |
| 11 | | 136 | 136 | 4,733.4 | 4,597 |
| 12 | | 136 | 136 | 5,187.5 | 5,052 |
| 13 | | 136 | 136 | 5,687.1 | 5,551 |
| 14 | | 136 | 136 | 6,236.6 | 6,101 |
| 15 | | 136 | 136 | 6,841.1 | 6,705 |
| 16 | | 136 | 136 | 7,506.0 | 7,370 |
| 17 | | 136 | 136 | 8,237.4 | 8,101 |
| 18 | | 136 | 136 | 9,041.9 | 8,906 |
| 19 | | 136 | 136 | 9,926.9 | 9,791 |
| 20 | | 136 | 136 | 10,900.4 | 10,764 |
| IRR = 7 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. 13 | | |
| Name of Road | RR-11 | | | | |
| Length of Road | 9.0 Km | | | | |
| Cost | 53,160 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 153.0 | | |
| Benefit | T 145.0 | | | | |
| | A 1,556.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 53,160 | 0 | 53,160 | 0.0 | -53,160 |
| 2 | | 153 | 153 | 1,701.0 | 1,548 |
| 3 | | 153 | 153 | 1,856.6 | 1,704 |
| 4 | | 153 | 153 | 2,027.8 | 1,875 |
| 5 | | 153 | 153 | 2,216.0 | 2,063 |
| 6 | | 153 | 153 | 2,423.1 | 2,270 |
| 7 | | 153 | 153 | 2,651.0 | 2,498 |
| 8 | | 153 | 153 | 2,901.5 | 2,749 |
| 9 | | 153 | 153 | 3,177.2 | 3,024 |
| 10 | | 153 | 153 | 3,480.4 | 3,327 |
| 11 | | 153 | 153 | 3,814.0 | 3,661 |
| 12 | | 153 | 153 | 4,180.9 | 4,028 |
| 13 | | 153 | 153 | 4,584.4 | 4,431 |
| 14 | | 153 | 153 | 5,028.4 | 4,875 |
| 15 | | 153 | 153 | 5,516.7 | 5,364 |
| 16 | | 153 | 153 | 6,053.9 | 5,901 |
| 17 | | 153 | 153 | 6,644.8 | 6,492 |
| 18 | | 153 | 153 | 7,294.8 | 7,142 |
| 19 | | 153 | 153 | 8,009.8 | 7,857 |
| 20 | | 153 | 153 | 8,796.2 | 8,643 |
| IRR = 3 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | KACHUA | | No. 14 | | |
| Name of Road | RR-12 | | | | |
| Length of Road | 6.5 Km | | | | |
| Cost | 61,455 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 110.5 | | |
| Benefit | T 484.0 | | | | |
| | A 4,111.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 61,455 | 0 | 61,455 | 0.0 | -61,455 |
| 2 | | 111 | 111 | 4,595.0 | 4,485 |
| 3 | | 111 | 111 | 5,005.1 | 4,896 |
| 4 | | 111 | 111 | 5,458.3 | 5,348 |
| 5 | | 111 | 111 | 5,955.7 | 5,845 |
| 6 | | 111 | 111 | 6,502.9 | 6,392 |
| 7 | | 111 | 111 | 7,104.8 | 6,994 |
| 8 | | 111 | 111 | 7,766.9 | 7,656 |
| 9 | | 111 | 111 | 8,495.2 | 8,385 |
| 10 | | 111 | 111 | 9,296.3 | 9,186 |
| 11 | | 111 | 111 | 10,177.5 | 10,067 |
| 12 | | 111 | 111 | 11,146.9 | 11,036 |
| 13 | | 111 | 111 | 12,213.2 | 12,103 |
| 14 | | 111 | 111 | 13,386.1 | 13,276 |
| 15 | | 111 | 111 | 14,676.3 | 14,566 |
| 16 | | 111 | 111 | 16,095.5 | 15,985 |
| 17 | | 111 | 111 | 17,656.7 | 17,546 |
| 18 | | 111 | 111 | 19,373.9 | 19,263 |
| 19 | | 111 | 111 | 21,262.9 | 21,152 |
| 20 | | 111 | 111 | 23,340.8 | 23,230 |
| IRR = 12 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. 15 | | |
| Name of Road | RR-13 | | | | |
| Length of Road | 5.5 Km | | | | |
| Cost | 32,088 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 93.5 | | |
| Benefit | T 117.0 | | | | |
| | A 1,716.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 32,088 | 0 | 32,088 | 0.0 | -32,088 |
| 2 | | 94 | 94 | 1,833.0 | 1,740 |
| 3 | | 94 | 94 | 2,004.6 | 1,911 |
| 4 | | 94 | 94 | 2,193.4 | 2,100 |
| 5 | | 94 | 94 | 2,401.0 | 2,307 |
| 6 | | 94 | 94 | 2,629.4 | 2,536 |
| 7 | | 94 | 94 | 2,880.6 | 2,787 |
| 8 | | 94 | 94 | 3,157.0 | 3,063 |
| 9 | | 94 | 94 | 3,461.0 | 3,367 |
| 10 | | 94 | 94 | 3,795.4 | 3,702 |
| 11 | | 94 | 94 | 4,163.2 | 4,070 |
| 12 | | 94 | 94 | 4,567.9 | 4,474 |
| 13 | | 94 | 94 | 5,012.9 | 4,919 |
| 14 | | 94 | 94 | 5,502.5 | 5,409 |
| 15 | | 94 | 94 | 6,041.1 | 5,948 |
| 16 | | 94 | 94 | 6,633.5 | 6,540 |
| 17 | | 94 | 94 | 7,285.2 | 7,192 |
| 18 | | 94 | 94 | 8,002.0 | 7,908 |
| 19 | | 94 | 94 | 8,790.5 | 8,697 |
| 20 | | 94 | 94 | 9,657.8 | 9,564 |
| IRR = 9 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. 16 | | |
| Name of Road | RR-14 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 47,125 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 162.0 | | | | |
| | A 1,765.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 47,125 | 0 | 47,125 | 0.0 | -47,125 |
| 2 | | 136 | 136 | 1,927.0 | 1,791 |
| 3 | | 136 | 136 | 2,103.5 | 1,968 |
| 4 | | 136 | 136 | 2,297.7 | 2,162 |
| 5 | | 136 | 136 | 2,511.2 | 2,375 |
| 6 | | 136 | 136 | 2,746.1 | 2,610 |
| 7 | | 136 | 136 | 3,004.6 | 2,869 |
| 8 | | 136 | 136 | 3,288.8 | 3,153 |
| 9 | | 136 | 136 | 3,601.5 | 3,465 |
| 10 | | 136 | 136 | 3,945.4 | 3,809 |
| 11 | | 136 | 136 | 4,323.8 | 4,188 |
| 12 | | 136 | 136 | 4,740.0 | 4,604 |
| 13 | | 136 | 136 | 5,197.8 | 5,062 |
| 14 | | 136 | 136 | 5,701.3 | 5,565 |
| 15 | | 136 | 136 | 6,255.3 | 6,119 |
| 16 | | 136 | 136 | 6,864.6 | 6,729 |
| 17 | | 136 | 136 | 7,534.8 | 7,399 |
| 18 | | 136 | 136 | 8,272.1 | 8,136 |
| 19 | | 136 | 136 | 9,083.1 | 8,947 |
| 20 | | 136 | 136 | 9,975.3 | 9,839 |
| IRR = 5 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. 17 | | |
| Name of Road | RR-15 | | | | |
| Length of Road | 6.5 Km | | | | |
| Cost | 42,647 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 110.5 | | |
| Benefit | T 69.0 | | | | |
| | A 934.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 42,647 | 0 | 42,647 | 0.0 | -42,647 |
| 2 | | 111 | 111 | 1,003.0 | 893 |
| 3 | | 111 | 111 | 1,096.4 | 986 |
| 4 | | 111 | 111 | 1,199.1 | 1,089 |
| 5 | | 111 | 111 | 1,312.2 | 1,202 |
| 6 | | 111 | 111 | 1,436.5 | 1,326 |
| 7 | | 111 | 111 | 1,573.2 | 1,463 |
| 8 | | 111 | 111 | 1,723.6 | 1,613 |
| 9 | | 111 | 111 | 1,889.1 | 1,779 |
| 10 | | 111 | 111 | 2,071.1 | 1,961 |
| 11 | | 111 | 111 | 2,271.3 | 2,161 |
| 12 | | 111 | 111 | 2,491.6 | 2,381 |
| 13 | | 111 | 111 | 2,733.8 | 2,623 |
| 14 | | 111 | 111 | 3,000.3 | 2,890 |
| 15 | | 111 | 111 | 3,293.4 | 3,183 |
| 16 | | 111 | 111 | 3,615.9 | 3,505 |
| 17 | | 111 | 111 | 3,970.5 | 3,860 |
| 18 | | 111 | 111 | 4,360.7 | 4,250 |
| 19 | | 111 | 111 | 4,789.9 | 4,679 |
| 20 | | 111 | 111 | 5,262.0 | 5,151 |
| IRR = 0 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | KACHUA | | No. 18 | | |
| Name of Road | RR-16 | | | | |
| Length of Road | 6.5 Km | | | | |
| Cost | 38,058 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 110.5 | | |
| Benefit | T 137.0 | | | | |
| | A 1,916.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 38,058 | 0 | 38,058 | 0.0 | -38,058 |
| 2 | | 111 | 111 | 2,053.0 | 1,943 |
| 3 | | 111 | 111 | 2,244.5 | 2,134 |
| 4 | | 111 | 111 | 2,455.4 | 2,345 |
| 5 | | 111 | 111 | 2,687.2 | 2,577 |
| 6 | | 111 | 111 | 2,942.2 | 2,832 |
| 7 | | 111 | 111 | 3,222.7 | 3,112 |
| 8 | | 111 | 111 | 3,531.3 | 3,421 |
| 9 | | 111 | 111 | 3,870.7 | 3,760 |
| 10 | | 111 | 111 | 4,244.1 | 4,134 |
| 11 | | 111 | 111 | 4,654.8 | 4,544 |
| 12 | | 111 | 111 | 5,106.6 | 4,996 |
| 13 | | 111 | 111 | 5,603.6 | 5,493 |
| 14 | | 111 | 111 | 6,150.2 | 6,040 |
| 15 | | 111 | 111 | 6,751.6 | 6,641 |
| 16 | | 111 | 111 | 7,413.0 | 7,303 |
| 17 | | 111 | 111 | 8,140.6 | 8,030 |
| 18 | | 111 | 111 | 8,941.0 | 8,830 |
| 19 | | 111 | 111 | 9,821.4 | 9,711 |
| 20 | | 111 | 111 | 10,789.8 | 10,679 |
| IRR = 8 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. 19 | | |
| Name of Road | RR-17 | | | | |
| Length of Road | 5.5 Km | | | | |
| Cost | 45,238 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 93.5 | | |
| Benefit | T 101.0 | | | | |
| | A 1,198.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 45,238 | 0 | 45,238 | 0.0 | -45,238 |
| 2 | | 94 | 94 | 1,299.0 | 1,206 |
| 3 | | 94 | 94 | 1,418.8 | 1,325 |
| 4 | | 94 | 94 | 1,550.6 | 1,457 |
| 5 | | 94 | 94 | 1,695.5 | 1,602 |
| 6 | | 94 | 94 | 1,855.0 | 1,761 |
| 7 | | 94 | 94 | 2,030.4 | 1,937 |
| 8 | | 94 | 94 | 2,223.3 | 2,130 |
| 9 | | 94 | 94 | 2,435.6 | 2,342 |
| 10 | | 94 | 94 | 2,669.0 | 2,576 |
| 11 | | 94 | 94 | 2,925.8 | 2,832 |
| 12 | | 94 | 94 | 3,208.3 | 3,115 |
| 13 | | 94 | 94 | 3,519.0 | 3,426 |
| 14 | | 94 | 94 | 3,860.8 | 3,767 |
| 15 | | 94 | 94 | 4,236.8 | 4,143 |
| 16 | | 94 | 94 | 4,650.4 | 4,557 |
| 17 | | 94 | 94 | 5,105.3 | 5,012 |
| 18 | | 94 | 94 | 5,605.8 | 5,512 |
| 19 | | 94 | 94 | 6,156.3 | 6,063 |
| 20 | | 94 | 94 | 6,761.8 | 6,668 |
| IRR = 2 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. 20 | | |
| Name of Road | RR-18 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 28,359 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 79.0 | | | | |
| | A 791.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 28,359 | 0 | 28,359 | 0.0 | -28,359 |
| 2 | | 136 | 136 | 870.0 | 734 |
| 3 | | 136 | 136 | 949.1 | 813 |
| 4 | | 136 | 136 | 1,036.1 | 900 |
| 5 | | 136 | 136 | 1,131.8 | 996 |
| 6 | | 136 | 136 | 1,237.1 | 1,101 |
| 7 | | 136 | 136 | 1,352.9 | 1,217 |
| 8 | | 136 | 136 | 1,480.3 | 1,344 |
| 9 | | 136 | 136 | 1,620.4 | 1,484 |
| 10 | | 136 | 136 | 1,774.6 | 1,639 |
| 11 | | 136 | 136 | 1,944.1 | 1,808 |
| 12 | | 136 | 136 | 2,130.7 | 1,995 |
| 13 | | 136 | 136 | 2,335.8 | 2,200 |
| 14 | | 136 | 136 | 2,561.5 | 2,425 |
| 15 | | 136 | 136 | 2,809.7 | 2,674 |
| 16 | | 136 | 136 | 3,082.8 | 2,947 |
| 17 | | 136 | 136 | 3,383.2 | 3,247 |
| 18 | | 136 | 136 | 3,713.6 | 3,578 |
| 19 | | 136 | 136 | 4,077.1 | 3,941 |
| 20 | | 136 | 136 | 4,476.9 | 4,341 |
| IRR = 2 % | | | | | |

Table G.1.13 Calculation Table for IRR
(Kachua Upazila) (6/10)

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. 21 | | |
| Name of Road | RR-19 | | | | |
| Length of Road | 10.0 Km | | | | |
| Cost | 38,840 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 170.0 | | |
| Benefit | T 82.0 | | | | |
| | A 708.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 38,840 | 0 | 38,840 | 0.0 | -38,840 |
| 2 | | 170 | 170 | 790.0 | 620 |
| 3 | | 170 | 170 | 860.8 | 691 |
| 4 | | 170 | 170 | 938.7 | 769 |
| 5 | | 170 | 170 | 1,024.3 | 854 |
| 6 | | 170 | 170 | 1,118.6 | 949 |
| 7 | | 170 | 170 | 1,222.2 | 1,052 |
| 8 | | 170 | 170 | 1,336.3 | 1,166 |
| 9 | | 170 | 170 | 1,461.7 | 1,292 |
| 10 | | 170 | 170 | 1,599.7 | 1,430 |
| 11 | | 170 | 170 | 1,751.4 | 1,581 |
| 12 | | 170 | 170 | 1,918.4 | 1,748 |
| 13 | | 170 | 170 | 2,102.0 | 1,932 |
| 14 | | 170 | 170 | 2,304.0 | 2,134 |
| 15 | | 170 | 170 | 2,526.2 | 2,356 |
| 16 | | 170 | 170 | 2,770.6 | 2,601 |
| 17 | | 170 | 170 | 3,039.5 | 2,869 |
| 18 | | 170 | 170 | 3,335.2 | 3,165 |
| 19 | | 170 | 170 | 3,660.6 | 3,491 |
| 20 | | 170 | 170 | 4,018.4 | 3,848 |
| IRR = -1 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. 22 | | |
| Name of Road | RR-20 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 65,167 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 142.0 | | | | |
| | A 1,378.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 65,167 | 0 | 65,167 | 0.0 | -65,167 |
| 2 | | 136 | 136 | 1,520.0 | 1,384 |
| 3 | | 136 | 136 | 1,657.8 | 1,522 |
| 4 | | 136 | 136 | 1,809.4 | 1,673 |
| 5 | | 136 | 136 | 1,976.1 | 1,840 |
| 6 | | 136 | 136 | 2,159.5 | 2,024 |
| 7 | | 136 | 136 | 2,361.3 | 2,225 |
| 8 | | 136 | 136 | 2,583.2 | 2,447 |
| 9 | | 136 | 136 | 2,827.3 | 2,691 |
| 10 | | 136 | 136 | 3,095.9 | 2,960 |
| 11 | | 136 | 136 | 3,391.3 | 3,255 |
| 12 | | 136 | 136 | 3,716.2 | 3,580 |
| 13 | | 136 | 136 | 4,073.6 | 3,938 |
| 14 | | 136 | 136 | 4,466.8 | 4,331 |
| 15 | | 136 | 136 | 4,899.2 | 4,763 |
| 16 | | 136 | 136 | 5,375.0 | 5,239 |
| 17 | | 136 | 136 | 5,898.2 | 5,762 |
| 18 | | 136 | 136 | 6,473.9 | 6,338 |
| 19 | | 136 | 136 | 7,107.1 | 6,971 |
| 20 | | 136 | 136 | 7,803.6 | 7,668 |
| IRR = 0 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. 23 | | |
| Name of Road | RR-21 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 47,936 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 124.0 | | | | |
| | A 1,051.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 47,936 | 0 | 47,936 | 0.0 | -47,936 |
| 2 | | 136 | 136 | 1,175.0 | 1,039 |
| 3 | | 136 | 136 | 1,280.1 | 1,144 |
| 4 | | 136 | 136 | 1,395.7 | 1,260 |
| 5 | | 136 | 136 | 1,522.9 | 1,387 |
| 6 | | 136 | 136 | 1,662.8 | 1,527 |
| 7 | | 136 | 136 | 1,816.6 | 1,681 |
| 8 | | 136 | 136 | 1,985.9 | 1,850 |
| 9 | | 136 | 136 | 2,172.1 | 2,036 |
| 10 | | 136 | 136 | 2,376.9 | 2,241 |
| 11 | | 136 | 136 | 2,602.2 | 2,466 |
| 12 | | 136 | 136 | 2,850.0 | 2,714 |
| 13 | | 136 | 136 | 3,122.6 | 2,987 |
| 14 | | 136 | 136 | 3,422.5 | 3,286 |
| 15 | | 136 | 136 | 3,752.3 | 3,616 |
| 16 | | 136 | 136 | 4,115.2 | 3,979 |
| 17 | | 136 | 136 | 4,514.3 | 4,378 |
| 18 | | 136 | 136 | 4,953.3 | 4,817 |
| 19 | | 136 | 136 | 5,436.2 | 5,300 |
| 20 | | 136 | 136 | 5,967.5 | 5,831 |
| IRR = 0 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. 24 | | |
| Name of Road | RR-22 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 53,011 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 58.0 | | | | |
| | A 691.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 53,011 | 0 | 53,011 | 0.0 | -53,011 |
| 2 | | 136 | 136 | 749.0 | 613 |
| 3 | | 136 | 136 | 818.1 | 682 |
| 4 | | 136 | 136 | 894.1 | 758 |
| 5 | | 136 | 136 | 977.7 | 842 |
| 6 | | 136 | 136 | 1,069.7 | 934 |
| 7 | | 136 | 136 | 1,170.9 | 1,035 |
| 8 | | 136 | 136 | 1,282.1 | 1,146 |
| 9 | | 136 | 136 | 1,404.6 | 1,269 |
| 10 | | 136 | 136 | 1,539.2 | 1,403 |
| 11 | | 136 | 136 | 1,687.3 | 1,551 |
| 12 | | 136 | 136 | 1,850.3 | 1,714 |
| 13 | | 136 | 136 | 2,029.5 | 1,894 |
| 14 | | 136 | 136 | 2,226.7 | 2,091 |
| 15 | | 136 | 136 | 2,443.5 | 2,308 |
| 16 | | 136 | 136 | 2,682.1 | 2,546 |
| 17 | | 136 | 136 | 2,944.5 | 2,808 |
| 18 | | 136 | 136 | 3,233.1 | 3,097 |
| 19 | | 136 | 136 | 3,550.6 | 3,415 |
| 20 | | 136 | 136 | 3,899.9 | 3,764 |
| IRR = -4 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|---------|-------------|
| Upazila | KACHUA | | No. 25 | | |
| Name of Road | RR-23 | | | | |
| Length of Road | 8.5 Km | | | | |
| Cost | 43,060 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 144.5 | | |
| Benefit | T 168.0 | | | | |
| | A 1,561.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 43,060 | 0 | 43,060 | 0.0 | -43,060 |
| 2 | | 145 | 145 | 1,729.0 | 1,585 |
| 3 | | 145 | 145 | 1,885.1 | 1,741 |
| 4 | | 145 | 145 | 2,056.8 | 1,912 |
| 5 | | 145 | 145 | 2,245.7 | 2,101 |
| 6 | | 145 | 145 | 2,453.5 | 2,309 |
| 7 | | 145 | 145 | 2,682.0 | 2,538 |
| 8 | | 145 | 145 | 2,933.4 | 2,789 |
| 9 | | 145 | 145 | 3,209.9 | 3,065 |
| 10 | | 145 | 145 | 3,514.1 | 3,370 |
| 11 | | 145 | 145 | 3,848.8 | 3,704 |
| 12 | | 145 | 145 | 4,216.8 | 4,072 |
| 13 | | 145 | 145 | 4,621.7 | 4,477 |
| 14 | | 145 | 145 | 5,067.1 | 4,923 |
| 15 | | 145 | 145 | 5,557.0 | 5,412 |
| 16 | | 145 | 145 | 6,095.9 | 5,951 |
| 17 | | 145 | 145 | 6,688.7 | 6,544 |
| 18 | | 145 | 145 | 7,340.8 | 7,196 |
| 19 | | 145 | 145 | 8,058.0 | 7,914 |
| 20 | | 145 | 145 | 8,847.0 | 8,703 |
| IRR = | 5 % | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|---------|-------------|
| Upazila | KACHUA | | No. 26 | | |
| Name of Road | RR-24 | | | | |
| Length of Road | 5.0 Km | | | | |
| Cost | 34,510 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 85.0 | | |
| Benefit | T 47.0 | | | | |
| | A 564.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 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 | 797.7 | 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 | | 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 and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|---------|-------------|
| Upazila | KACHUA | | No. 27 | | |
| Name of Road | RR-25 | | | | |
| Length of Road | 4.0 Km | | | | |
| Cost | 28,018 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 68.0 | | |
| Benefit | T 52.0 | | | | |
| | A 948.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 28,018 | 0 | 28,018 | 0.0 | -28,018 |
| 2 | | 68 | 68 | 1,000.0 | 932 |
| 3 | | 68 | 68 | 1,094.8 | 1,027 |
| 4 | | 68 | 68 | 1,199.1 | 1,131 |
| 5 | | 68 | 68 | 1,313.8 | 1,246 |
| 6 | | 68 | 68 | 1,440.0 | 1,372 |
| 7 | | 68 | 68 | 1,578.8 | 1,511 |
| 8 | | 68 | 68 | 1,731.4 | 1,663 |
| 9 | | 68 | 68 | 1,899.4 | 1,831 |
| 10 | | 68 | 68 | 2,084.1 | 2,016 |
| 11 | | 68 | 68 | 2,287.3 | 2,219 |
| 12 | | 68 | 68 | 2,510.9 | 2,443 |
| 13 | | 68 | 68 | 2,756.8 | 2,689 |
| 14 | | 68 | 68 | 3,027.2 | 2,959 |
| 15 | | 68 | 68 | 3,324.8 | 3,257 |
| 16 | | 68 | 68 | 3,652.0 | 3,584 |
| 17 | | 68 | 68 | 4,012.0 | 3,944 |
| 18 | | 68 | 68 | 4,408.0 | 4,340 |
| 19 | | 68 | 68 | 4,843.6 | 4,776 |
| 20 | | 68 | 68 | 5,322.8 | 5,255 |
| IRR = | 4 % | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|---------|-------------|
| Upazila | KACHUA | | No. 28 | | |
| Name of Road | RR-26 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 41,871 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 85.0 | | | | |
| | A 955.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 41,871 | 0 | 41,871 | 0.0 | -41,871 |
| 2 | | 136 | 136 | 1,040.0 | 904 |
| 3 | | 136 | 136 | 1,135.5 | 1,000 |
| 4 | | 136 | 136 | 1,240.6 | 1,105 |
| 5 | | 136 | 136 | 1,356.1 | 1,220 |
| 6 | | 136 | 136 | 1,483.2 | 1,347 |
| 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 | | 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 | | 136 | 136 | 3,711.6 | 3,576 |
| 17 | | 136 | 136 | 4,074.3 | 3,938 |
| 18 | | 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 % | | | | |

Table G.1.13 Calculation Table for IRR
(Kachua Upazila) (8/10)

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 29 | |
| Name of Road | RR-27 | | | | |
| Length of Road | 6.5 Km | | | | |
| Cost | 38,875 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 110.5 | | |
| Benefit | T 108.0 | | | | |
| | A 1,244.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 38,875 | 0 | 38,875 | 0.0 | -38,875 |
| 2 | | 111 | 111 | 1,352.0 | 1,242 |
| 3 | | 111 | 111 | 1,476.4 | 1,366 |
| 4 | | 111 | 111 | 1,613.2 | 1,503 |
| 5 | | 111 | 111 | 1,763.8 | 1,653 |
| 6 | | 111 | 111 | 1,929.3 | 1,819 |
| 7 | | 111 | 111 | 2,111.5 | 2,001 |
| 8 | | 111 | 111 | 2,311.8 | 2,201 |
| 9 | | 111 | 111 | 2,532.2 | 2,422 |
| 10 | | 111 | 111 | 2,774.6 | 2,664 |
| 11 | | 111 | 111 | 3,041.3 | 2,931 |
| 12 | | 111 | 111 | 3,334.6 | 3,224 |
| 13 | | 111 | 111 | 3,657.3 | 3,547 |
| 14 | | 111 | 111 | 4,012.2 | 3,902 |
| 15 | | 111 | 111 | 4,402.6 | 4,292 |
| 16 | | 111 | 111 | 4,832.1 | 4,722 |
| 17 | | 111 | 111 | 5,304.5 | 5,194 |
| 18 | | 111 | 111 | 5,824.1 | 5,714 |
| 19 | | 111 | 111 | 6,395.8 | 6,285 |
| 20 | | 111 | 111 | 7,024.5 | 6,914 |
| IRR = 4 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 30 | |
| Name of Road | RR-28 | | | | |
| Length of Road | 6.5 Km | | | | |
| Cost | 43,331 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 110.5 | | |
| Benefit | T 103.0 | | | | |
| | A 1,267.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 43,331 | 0 | 43,331 | 0.0 | -43,331 |
| 2 | | 111 | 111 | 1,370.0 | 1,260 |
| 3 | | 111 | 111 | 1,496.7 | 1,386 |
| 4 | | 111 | 111 | 1,636.1 | 1,526 |
| 5 | | 111 | 111 | 1,789.4 | 1,679 |
| 6 | | 111 | 111 | 1,958.0 | 1,848 |
| 7 | | 111 | 111 | 2,143.5 | 2,033 |
| 8 | | 111 | 111 | 2,347.6 | 2,237 |
| 9 | | 111 | 111 | 2,572.0 | 2,462 |
| 10 | | 111 | 111 | 2,818.9 | 2,708 |
| 11 | | 111 | 111 | 3,090.5 | 2,980 |
| 12 | | 111 | 111 | 3,389.3 | 3,279 |
| 13 | | 111 | 111 | 3,717.9 | 3,607 |
| 14 | | 111 | 111 | 4,079.4 | 3,969 |
| 15 | | 111 | 111 | 4,477.0 | 4,367 |
| 16 | | 111 | 111 | 4,914.4 | 4,804 |
| 17 | | 111 | 111 | 5,395.6 | 5,285 |
| 18 | | 111 | 111 | 5,924.8 | 5,814 |
| 19 | | 111 | 111 | 6,507.0 | 6,397 |
| 20 | | 111 | 111 | 7,147.4 | 7,037 |
| IRR = 3 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 31 | |
| Name of Road | RR-29 | | | | |
| Length of Road | 3.5 Km | | | | |
| Cost | 31,226 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 59.5 | | |
| Benefit | T 4.0 | | | | |
| | A 374.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 31,226 | 0 | 31,226 | 0.0 | -31,226 |
| 2 | | 60 | 60 | 378.0 | 319 |
| 3 | | 60 | 60 | 415.4 | 356 |
| 4 | | 60 | 60 | 456.5 | 397 |
| 5 | | 60 | 60 | 501.8 | 442 |
| 6 | | 60 | 60 | 551.6 | 492 |
| 7 | | 60 | 60 | 606.3 | 547 |
| 8 | | 60 | 60 | 666.6 | 607 |
| 9 | | 60 | 60 | 732.8 | 673 |
| 10 | | 60 | 60 | 805.7 | 746 |
| 11 | | 60 | 60 | 885.9 | 826 |
| 12 | | 60 | 60 | 974.1 | 915 |
| 13 | | 60 | 60 | 1,071.1 | 1,012 |
| 14 | | 60 | 60 | 1,177.8 | 1,118 |
| 15 | | 60 | 60 | 1,295.1 | 1,236 |
| 16 | | 60 | 60 | 1,424.3 | 1,365 |
| 17 | | 60 | 60 | 1,566.3 | 1,507 |
| 18 | | 60 | 60 | 1,722.5 | 1,663 |
| 19 | | 60 | 60 | 1,894.4 | 1,835 |
| 20 | | 60 | 60 | 2,083.4 | 2,024 |
| IRR = -5 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 32 | |
| Name of Road | RR-30 | | | | |
| Length of Road | 5.0 Km | | | | |
| Cost | 26,838 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 85.0 | | |
| Benefit | T 68.0 | | | | |
| | A 904.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 26,838 | 0 | 26,838 | 0.0 | -26,838 |
| 2 | | 85 | 85 | 972.0 | 887 |
| 3 | | 85 | 85 | 1,062.4 | 977 |
| 4 | | 85 | 85 | 1,161.8 | 1,077 |
| 5 | | 85 | 85 | 1,271.2 | 1,186 |
| 6 | | 85 | 85 | 1,391.5 | 1,307 |
| 7 | | 85 | 85 | 1,523.9 | 1,439 |
| 8 | | 85 | 85 | 1,669.5 | 1,584 |
| 9 | | 85 | 85 | 1,829.6 | 1,745 |
| 10 | | 85 | 85 | 2,005.8 | 1,921 |
| 11 | | 85 | 85 | 2,199.6 | 2,115 |
| 12 | | 85 | 85 | 2,412.7 | 2,328 |
| 13 | | 85 | 85 | 2,647.2 | 2,562 |
| 14 | | 85 | 85 | 2,905.1 | 2,820 |
| 15 | | 85 | 85 | 3,188.9 | 3,104 |
| 16 | | 85 | 85 | 3,500.9 | 3,416 |
| 17 | | 85 | 85 | 3,844.2 | 3,759 |
| 18 | | 85 | 85 | 4,221.9 | 4,137 |
| 19 | | 85 | 85 | 4,637.2 | 4,552 |
| 20 | | 85 | 85 | 5,094.2 | 5,009 |
| IRR = 4 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 33 | |
| Name of Road | RR-31 | | | | |
| Length of Road | 6.5 Km | | | | |
| Cost | 41,013 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 110.5 | | |
| Benefit | T 164.0 | | | | |
| | A 1,589.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 41,013 | 0 | 41,013 | 0.0 | -41,013 |
| 2 | | 111 | 111 | 1,753.0 | 1,643 |
| 3 | | 111 | 111 | 1,911.9 | 1,801 |
| 4 | | 111 | 111 | 2,086.7 | 1,976 |
| 5 | | 111 | 111 | 2,279.0 | 2,168 |
| 6 | | 111 | 111 | 2,490.5 | 2,380 |
| 7 | | 111 | 111 | 2,723.1 | 2,613 |
| 8 | | 111 | 111 | 2,979.0 | 2,869 |
| 9 | | 111 | 111 | 3,260.5 | 3,150 |
| 10 | | 111 | 111 | 3,570.2 | 3,460 |
| 11 | | 111 | 111 | 3,910.8 | 3,800 |
| 12 | | 111 | 111 | 4,285.5 | 4,175 |
| 13 | | 111 | 111 | 4,697.6 | 4,587 |
| 14 | | 111 | 111 | 5,151.0 | 5,040 |
| 15 | | 111 | 111 | 5,649.7 | 5,539 |
| 16 | | 111 | 111 | 6,198.2 | 6,088 |
| 17 | | 111 | 111 | 6,801.6 | 6,691 |
| 18 | | 111 | 111 | 7,465.4 | 7,355 |
| 19 | | 111 | 111 | 8,195.6 | 8,085 |
| 20 | | 111 | 111 | 8,998.7 | 8,888 |
| IRR = | | 6 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 34 | |
| Name of Road | RR-32 | | | | |
| Length of Road | 3.5 Km | | | | |
| Cost | 19,576 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 59.5 | | |
| Benefit | T 29.0 | | | | |
| | A 379.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 19,576 | 0 | 19,576 | 0.0 | -19,576 |
| 2 | | 60 | 60 | 408.0 | 349 |
| 3 | | 60 | 60 | 445.9 | 386 |
| 4 | | 60 | 60 | 487.6 | 428 |
| 5 | | 60 | 60 | 533.4 | 474 |
| 6 | | 60 | 60 | 583.9 | 524 |
| 7 | | 60 | 60 | 639.4 | 580 |
| 8 | | 60 | 60 | 700.4 | 641 |
| 9 | | 60 | 60 | 767.6 | 708 |
| 10 | | 60 | 60 | 841.4 | 782 |
| 11 | | 60 | 60 | 922.7 | 863 |
| 12 | | 60 | 60 | 1,012.0 | 953 |
| 13 | | 60 | 60 | 1,110.3 | 1,051 |
| 14 | | 60 | 60 | 1,218.5 | 1,159 |
| 15 | | 60 | 60 | 1,337.4 | 1,278 |
| 16 | | 60 | 60 | 1,468.3 | 1,409 |
| 17 | | 60 | 60 | 1,612.2 | 1,553 |
| 18 | | 60 | 60 | 1,770.5 | 1,711 |
| 19 | | 60 | 60 | 1,944.6 | 1,885 |
| 20 | | 60 | 60 | 2,136.2 | 2,077 |
| IRR = | | -1 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 35 | |
| Name of Road | RR-33 | | | | |
| Length of Road | 3.5 Km | | | | |
| Cost | 19,774 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 59.5 | | |
| Benefit | T 71.0 | | | | |
| | A 1,032.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 19,774 | 0 | 19,774 | 0.0 | -19,774 |
| 2 | | 60 | 60 | 1,103.0 | 1,044 |
| 3 | | 60 | 60 | 1,206.2 | 1,147 |
| 4 | | 60 | 60 | 1,319.7 | 1,260 |
| 5 | | 60 | 60 | 1,444.6 | 1,385 |
| 6 | | 60 | 60 | 1,582.0 | 1,522 |
| 7 | | 60 | 60 | 1,733.0 | 1,674 |
| 8 | | 60 | 60 | 1,899.3 | 1,840 |
| 9 | | 60 | 60 | 2,082.1 | 2,023 |
| 10 | | 60 | 60 | 2,283.2 | 2,224 |
| 11 | | 60 | 60 | 2,504.4 | 2,445 |
| 12 | | 60 | 60 | 2,747.7 | 2,688 |
| 13 | | 60 | 60 | 3,015.4 | 2,956 |
| 14 | | 60 | 60 | 3,309.9 | 3,250 |
| 15 | | 60 | 60 | 3,633.7 | 3,574 |
| 16 | | 60 | 60 | 3,990.0 | 3,931 |
| 17 | | 60 | 60 | 4,381.9 | 4,322 |
| 18 | | 60 | 60 | 4,813.0 | 4,754 |
| 19 | | 60 | 60 | 5,287.2 | 5,228 |
| 20 | | 60 | 60 | 5,808.8 | 5,749 |
| IRR = | | 8 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | KACHUA | | No. | 36 | |
| Name of Road | RR-34 | | | | |
| Length of Road | 2.5 Km | | | | |
| Cost | 23,009 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 42.5 | | |
| Benefit | T 13.0 | | | | |
| | A 389.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 23,009 | 0 | 23,009 | 0.0 | -23,009 |
| 2 | | 43 | 43 | 402.0 | 360 |
| 3 | | 43 | 43 | 440.9 | 398 |
| 4 | | 43 | 43 | 483.7 | 441 |
| 5 | | 43 | 43 | 530.8 | 488 |
| 6 | | 43 | 43 | 582.5 | 540 |
| 7 | | 43 | 43 | 639.5 | 597 |
| 8 | | 43 | 43 | 702.1 | 660 |
| 9 | | 43 | 43 | 771.1 | 729 |
| 10 | | 43 | 43 | 846.9 | 804 |
| 11 | | 43 | 43 | 930.2 | 888 |
| 12 | | 43 | 43 | 1,022.0 | 979 |
| 13 | | 43 | 43 | 1,122.9 | 1,080 |
| 14 | | 43 | 43 | 1,233.8 | 1,191 |
| 15 | | 43 | 43 | 1,355.9 | 1,313 |
| 16 | | 43 | 43 | 1,490.2 | 1,448 |
| 17 | | 43 | 43 | 1,637.9 | 1,595 |
| 18 | | 43 | 43 | 1,800.4 | 1,758 |
| 19 | | 43 | 43 | 1,979.2 | 1,937 |
| 20 | | 43 | 43 | 2,175.8 | 2,133 |
| IRR = | | -2 % | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------|-------------|
| Upazila | KACHUA | | No. 37 | | |
| Name of Road | RR-35 | | | | |
| Length of Road | 13.3 Km | | | | |
| Cost | 50,184 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 225.3 | | |
| Benefit | T 100.0 | | | | |
| | A 654.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 50,184 | 0 | 50,184 | 0.0 | -50,184 |
| 2 | | 225 | 225 | 754.0 | 529 |
| 3 | | 225 | 225 | 819.4 | 594 |
| 4 | | 225 | 225 | 891.3 | 666 |
| 5 | | 225 | 225 | 970.5 | 745 |
| 6 | | 225 | 225 | 1,057.5 | 832 |
| 7 | | 225 | 225 | 1,153.3 | 928 |
| 8 | | 225 | 225 | 1,258.6 | 1,033 |
| 9 | | 225 | 225 | 1,374.5 | 1,149 |
| 10 | | 225 | 225 | 1,501.9 | 1,277 |
| 11 | | 225 | 225 | 1,642.1 | 1,417 |
| 12 | | 225 | 225 | 1,796.3 | 1,571 |
| 13 | | 225 | 225 | 1,965.9 | 1,741 |
| 14 | | 225 | 225 | 2,152.5 | 1,927 |
| 15 | | 225 | 225 | 2,357.8 | 2,133 |
| 16 | | 225 | 225 | 2,583.6 | 2,358 |
| 17 | | 225 | 225 | 2,831.9 | 2,607 |
| 18 | | 225 | 225 | 3,105.1 | 2,880 |
| 19 | | 225 | 225 | 3,405.6 | 3,180 |
| 20 | | 225 | 225 | 3,736.2 | 3,511 |
| IRR = -4 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------|-------------|
| Upazila | KACHUA | | No. 38 | | |
| Name of Road | RR-36 | | | | |
| Length of Road | 13.0 Km | | | | |
| Cost | 48,937 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 221.0 | | |
| Benefit | T 30.0 | | | | |
| | A 1,763.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 48,937 | 0 | 48,937 | 0.0 | -48,937 |
| 2 | | 221 | 221 | 1,798.0 | 1,577 |
| 3 | | 221 | 221 | 1,974.8 | 1,754 |
| 4 | | 221 | 221 | 2,169.3 | 1,948 |
| 5 | | 221 | 221 | 2,383.2 | 2,162 |
| 6 | | 221 | 221 | 2,618.5 | 2,398 |
| 7 | | 221 | 221 | 2,877.4 | 2,656 |
| 8 | | 221 | 221 | 3,162.1 | 2,941 |
| 9 | | 221 | 221 | 3,475.3 | 3,254 |
| 10 | | 221 | 221 | 3,819.9 | 3,599 |
| 11 | | 221 | 221 | 4,198.9 | 3,978 |
| 12 | | 221 | 221 | 4,615.7 | 4,395 |
| 13 | | 221 | 221 | 5,074.3 | 4,853 |
| 14 | | 221 | 221 | 5,578.7 | 5,358 |
| 15 | | 221 | 221 | 6,133.6 | 5,913 |
| 16 | | 221 | 221 | 6,744.0 | 6,523 |
| 17 | | 221 | 221 | 7,415.4 | 7,194 |
| 18 | | 221 | 221 | 8,153.9 | 7,933 |
| 19 | | 221 | 221 | 8,966.3 | 8,745 |
| 20 | | 221 | 221 | 9,859.9 | 9,639 |
| IRR = 4 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------|-------------|
| Upazila | KACHUA | | No. | | |
| Name of Road | | | | | |
| Length of Road | 0.0 Km | | | | |
| Cost | 0 | | | | |
| Unit O&M Cost | 0.0 | O&M Cost | 0.0 | | |
| Benefit | T 0.0 | | | | |
| | A 0.0 | 0.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 0 | 0 | 0 | 0.0 | 0 |
| 2 | | 0 | 0 | 0.0 | 0 |
| 3 | | 0 | 0 | 0.0 | 0 |
| 4 | | 0 | 0 | 0.0 | 0 |
| 5 | | 0 | 0 | 0.0 | 0 |
| 6 | | 0 | 0 | 0.0 | 0 |
| 7 | | 0 | 0 | 0.0 | 0 |
| 8 | | 0 | 0 | 0.0 | 0 |
| 9 | | 0 | 0 | 0.0 | 0 |
| 10 | | 0 | 0 | 0.0 | 0 |
| 11 | | 0 | 0 | 0.0 | 0 |
| 12 | | 0 | 0 | 0.0 | 0 |
| 13 | | 0 | 0 | 0.0 | 0 |
| 14 | | 0 | 0 | 0.0 | 0 |
| 15 | | 0 | 0 | 0.0 | 0 |
| 16 | | 0 | 0 | 0.0 | 0 |
| 17 | | 0 | 0 | 0.0 | 0 |
| 18 | | 0 | 0 | 0.0 | 0 |
| 19 | | 0 | 0 | 0.0 | 0 |
| 20 | | 0 | 0 | 0.0 | 0 |
| IRR = #NUM! % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------|-------------|
| Upazila | KACHUA | | No. | | |
| Name of Road | | | | | |
| Length of Road | 0.0 Km | | | | |
| Cost | 0 | | | | |
| Unit O&M Cost | 0.0 | O&M Cost | 0.0 | | |
| Benefit | T 0.0 | | | | |
| | A 0.0 | 0.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 0 | 0 | 0 | 0.0 | 0 |
| 2 | | 0 | 0 | 0.0 | 0 |
| 3 | | 0 | 0 | 0.0 | 0 |
| 4 | | 0 | 0 | 0.0 | 0 |
| 5 | | 0 | 0 | 0.0 | 0 |
| 6 | | 0 | 0 | 0.0 | 0 |
| 7 | | 0 | 0 | 0.0 | 0 |
| 8 | | 0 | 0 | 0.0 | 0 |
| 9 | | 0 | 0 | 0.0 | 0 |
| 10 | | 0 | 0 | 0.0 | 0 |
| 11 | | 0 | 0 | 0.0 | 0 |
| 12 | | 0 | 0 | 0.0 | 0 |
| 13 | | 0 | 0 | 0.0 | 0 |
| 14 | | 0 | 0 | 0.0 | 0 |
| 15 | | 0 | 0 | 0.0 | 0 |
| 16 | | 0 | 0 | 0.0 | 0 |
| 17 | | 0 | 0 | 0.0 | 0 |
| 18 | | 0 | 0 | 0.0 | 0 |
| 19 | | 0 | 0 | 0.0 | 0 |
| 20 | | 0 | 0 | 0.0 | 0 |
| IRR = #NUM! % | | | | | |

Table G.1.13 Calculation Table for IRR
(Nabinagar Upazila) (1/12)

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | NABINAGAR | | No. | 1 | |
| Name of Road | FB-1 | | | | |
| Length of Road | 4.7 Km | | | | |
| Cost | 31,035 | | | | |
| Unit O&M Cost | 20.0 | O&M Cost | 94.0 | | |
| Benefit | T 667.0 | | | | |
| | A 2,097.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 31,035 | 0 | 31,035 | 0.0 | -31,035 |
| 2 | | 94 | 94 | 2,764.0 | 2,670 |
| 3 | | 94 | 94 | 2,973.7 | 2,880 |
| 4 | | 94 | 94 | 3,204.4 | 3,110 |
| 5 | | 94 | 94 | 3,458.1 | 3,364 |
| 6 | | 94 | 94 | 3,737.2 | 3,643 |
| 7 | | 94 | 94 | 4,044.2 | 3,950 |
| 8 | | 94 | 94 | 4,382.0 | 4,288 |
| 9 | | 94 | 94 | 4,753.5 | 4,659 |
| 10 | | 94 | 94 | 5,162.1 | 5,068 |
| 11 | | 94 | 94 | 5,611.6 | 5,518 |
| 12 | | 94 | 94 | 6,106.1 | 6,012 |
| 13 | | 94 | 94 | 6,650.0 | 6,556 |
| 14 | | 94 | 94 | 7,248.3 | 7,154 |
| 15 | | 94 | 94 | 7,906.4 | 7,812 |
| 16 | | 94 | 94 | 8,630.4 | 8,536 |
| 17 | | 94 | 94 | 9,426.7 | 9,333 |
| 18 | | 94 | 94 | 10,302.7 | 10,209 |
| 19 | | 94 | 94 | 11,266.2 | 11,172 |
| 20 | | 94 | 94 | 12,326.1 | 12,232 |
| IRR = 13 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | NABINAGAR | | No. | 2 | |
| Name of Road | FB-2 | | | | |
| Length of Road | 12.9 Km | | | | |
| Cost | 49,292 | | | | |
| Unit O&M Cost | 20.0 | O&M Cost | 257.4 | | |
| Benefit | T 2,920.0 | | | | |
| | A 2,878.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 49,292 | 0 | 49,292 | 0.0 | -49,292 |
| 2 | | 257 | 257 | 5,798.0 | 5,541 |
| 3 | | 257 | 257 | 6,085.8 | 5,828 |
| 4 | | 257 | 257 | 6,402.4 | 6,145 |
| 5 | | 257 | 257 | 6,750.6 | 6,493 |
| 6 | | 257 | 257 | 7,133.7 | 6,876 |
| 7 | | 257 | 257 | 7,555.0 | 7,298 |
| 8 | | 257 | 257 | 8,018.6 | 7,761 |
| 9 | | 257 | 257 | 8,528.4 | 8,271 |
| 10 | | 257 | 257 | 9,089.2 | 8,832 |
| 11 | | 257 | 257 | 9,706.2 | 9,449 |
| 12 | | 257 | 257 | 10,384.8 | 10,127 |
| 13 | | 257 | 257 | 11,131.3 | 10,874 |
| 14 | | 257 | 257 | 11,952.4 | 11,695 |
| 15 | | 257 | 257 | 12,855.6 | 12,598 |
| 16 | | 257 | 257 | 13,849.2 | 13,592 |
| 17 | | 257 | 257 | 14,942.1 | 14,685 |
| 18 | | 257 | 257 | 16,144.3 | 15,887 |
| 19 | | 257 | 257 | 17,466.8 | 17,209 |
| 20 | | 257 | 257 | 18,921.4 | 18,664 |
| IRR = 15 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | NABINAGAR | | No. | 3 | |
| Name of Road | RR-1 | | | | |
| Length of Road | 9.0 Km | | | | |
| Cost | 47,489 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 153.0 | | |
| Benefit | T 210.0 | | | | |
| | A 1,986.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 47,489 | 0 | 47,489 | 0.0 | -47,489 |
| 2 | | 153 | 153 | 2,196.0 | 2,043 |
| 3 | | 153 | 153 | 2,394.6 | 2,242 |
| 4 | | 153 | 153 | 2,613.1 | 2,460 |
| 5 | | 153 | 153 | 2,853.4 | 2,700 |
| 6 | | 153 | 153 | 3,117.7 | 2,965 |
| 7 | | 153 | 153 | 3,408.5 | 3,255 |
| 8 | | 153 | 153 | 3,728.3 | 3,575 |
| 9 | | 153 | 153 | 4,080.2 | 3,927 |
| 10 | | 153 | 153 | 4,467.2 | 4,314 |
| 11 | | 153 | 153 | 4,892.9 | 4,740 |
| 12 | | 153 | 153 | 5,361.2 | 5,208 |
| 13 | | 153 | 153 | 5,876.3 | 5,723 |
| 14 | | 153 | 153 | 6,442.9 | 6,290 |
| 15 | | 153 | 153 | 7,066.2 | 6,913 |
| 16 | | 153 | 153 | 7,751.8 | 7,599 |
| 17 | | 153 | 153 | 8,506.0 | 8,353 |
| 18 | | 153 | 153 | 9,335.6 | 9,183 |
| 19 | | 153 | 153 | 10,248.2 | 10,095 |
| 20 | | 153 | 153 | 11,252.0 | 11,099 |
| IRR = 6 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|---------|-------------|
| Upazila | NABINAGAR | | No. | 4 | |
| Name of Road | RR-2 | | | | |
| Length of Road | 7.0 Km | | | | |
| Cost | 34,110 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 119.0 | | |
| Benefit | T 92.0 | | | | |
| | A 1,130.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 34,110 | 0 | 34,110 | 0.0 | -34,110 |
| 2 | | 119 | 119 | 1,222.0 | 1,103 |
| 3 | | 119 | 119 | 1,335.0 | 1,216 |
| 4 | | 119 | 119 | 1,459.3 | 1,340 |
| 5 | | 119 | 119 | 1,596.0 | 1,477 |
| 6 | | 119 | 119 | 1,746.4 | 1,627 |
| 7 | | 119 | 119 | 1,911.9 | 1,793 |
| 8 | | 119 | 119 | 2,093.9 | 1,975 |
| 9 | | 119 | 119 | 2,294.1 | 2,175 |
| 10 | | 119 | 119 | 2,514.3 | 2,395 |
| 11 | | 119 | 119 | 2,756.5 | 2,637 |
| 12 | | 119 | 119 | 3,022.9 | 2,904 |
| 13 | | 119 | 119 | 3,316.0 | 3,197 |
| 14 | | 119 | 119 | 3,638.4 | 3,519 |
| 15 | | 119 | 119 | 3,993.1 | 3,874 |
| 16 | | 119 | 119 | 4,383.2 | 4,264 |
| 17 | | 119 | 119 | 4,812.3 | 4,693 |
| 18 | | 119 | 119 | 5,284.3 | 5,165 |
| 19 | | 119 | 119 | 5,803.6 | 5,685 |
| 20 | | 119 | 119 | 6,374.7 | 6,256 |
| IRR = 4 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. | 5 | |
| Name of Road | RR-3 | | | | |
| Length of Road | 6.5 Km | | | | |
| Cost | 28,181 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 110.5 | | |
| Benefit | T 101.0 | | | | |
| | A 1,208.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 28,181 | 0 | 28,181 | 0.0 | -28,181 |
| 2 | | 111 | 111 | 1,309.0 | 1,199 |
| 3 | | 111 | 111 | 1,429.8 | 1,319 |
| 4 | | 111 | 111 | 1,562.7 | 1,452 |
| 5 | | 111 | 111 | 1,708.8 | 1,598 |
| 6 | | 111 | 111 | 1,869.6 | 1,759 |
| 7 | | 111 | 111 | 2,046.5 | 1,936 |
| 8 | | 111 | 111 | 2,241.0 | 2,131 |
| 9 | | 111 | 111 | 2,455.1 | 2,345 |
| 10 | | 111 | 111 | 2,690.5 | 2,580 |
| 11 | | 111 | 111 | 2,949.4 | 2,839 |
| 12 | | 111 | 111 | 3,234.2 | 3,124 |
| 13 | | 111 | 111 | 3,547.6 | 3,437 |
| 14 | | 111 | 111 | 3,892.2 | 3,782 |
| 15 | | 111 | 111 | 4,271.3 | 4,161 |
| 16 | | 111 | 111 | 4,688.4 | 4,578 |
| 17 | | 111 | 111 | 5,147.1 | 5,037 |
| 18 | | 111 | 111 | 5,651.7 | 5,541 |
| 19 | | 111 | 111 | 6,206.8 | 6,096 |
| 20 | | 111 | 111 | 6,817.4 | 6,707 |
| IRR = 6 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | NABINAGAR | | No. | 6 | |
| Name of Road | RR-4 | | | | |
| Length of Road | 7.0 Km | | | | |
| Cost | 43,131 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 119.0 | | |
| Benefit | T 242.0 | | | | |
| | A 3,670.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 43,131 | 0 | 43,131 | 0.0 | -43,131 |
| 2 | | 119 | 119 | 3,912.0 | 3,793 |
| 3 | | 119 | 119 | 4,279.0 | 4,160 |
| 4 | | 119 | 119 | 4,682.7 | 4,564 |
| 5 | | 119 | 119 | 5,126.8 | 5,008 |
| 6 | | 119 | 119 | 5,615.2 | 5,496 |
| 7 | | 119 | 119 | 6,152.6 | 6,034 |
| 8 | | 119 | 119 | 6,743.6 | 6,625 |
| 9 | | 119 | 119 | 7,393.8 | 7,275 |
| 10 | | 119 | 119 | 8,109.0 | 7,990 |
| 11 | | 119 | 119 | 8,895.7 | 8,777 |
| 12 | | 119 | 119 | 9,761.0 | 9,642 |
| 13 | | 119 | 119 | 10,712.9 | 10,594 |
| 14 | | 119 | 119 | 11,760.0 | 11,641 |
| 15 | | 119 | 119 | 12,911.8 | 12,793 |
| 16 | | 119 | 119 | 14,178.8 | 14,060 |
| 17 | | 119 | 119 | 15,572.5 | 15,454 |
| 18 | | 119 | 119 | 17,105.6 | 16,987 |
| 19 | | 119 | 119 | 18,791.9 | 18,673 |
| 20 | | 119 | 119 | 20,646.9 | 20,528 |
| IRR = 14 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | NABINAGAR | | No. | 7 | |
| Name of Road | RR-5 | | | | |
| Length of Road | 4.0 Km | | | | |
| Cost | 29,723 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 68.0 | | |
| Benefit | T 163.0 | | | | |
| | A 1,904.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 29,723 | 0 | 29,723 | 0.0 | -29,723 |
| 2 | | 68 | 68 | 2,067.0 | 1,999 |
| 3 | | 68 | 68 | 2,257.4 | 2,189 |
| 4 | | 68 | 68 | 2,466.8 | 2,399 |
| 5 | | 68 | 68 | 2,697.2 | 2,629 |
| 6 | | 68 | 68 | 2,950.6 | 2,883 |
| 7 | | 68 | 68 | 3,229.4 | 3,161 |
| 8 | | 68 | 68 | 3,536.1 | 3,468 |
| 9 | | 68 | 68 | 3,873.4 | 3,805 |
| 10 | | 68 | 68 | 4,244.4 | 4,176 |
| 11 | | 68 | 68 | 4,652.5 | 4,585 |
| 12 | | 68 | 68 | 5,101.5 | 5,033 |
| 13 | | 68 | 68 | 5,595.3 | 5,527 |
| 14 | | 68 | 68 | 6,138.6 | 6,071 |
| 15 | | 68 | 68 | 6,736.1 | 6,668 |
| 16 | | 68 | 68 | 7,393.4 | 7,325 |
| 17 | | 68 | 68 | 8,116.5 | 8,048 |
| 18 | | 68 | 68 | 8,911.8 | 8,844 |
| 19 | | 68 | 68 | 9,786.7 | 9,719 |
| 20 | | 68 | 68 | 10,749.1 | 10,681 |
| IRR = 11 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | NABINAGAR | | No. | 8 | |
| Name of Road | RR-6 | | | | |
| Length of Road | 13.0 Km | | | | |
| Cost | 73,439 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 221.0 | | |
| Benefit | T 760.0 | | | | |
| | A 2,420.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 73,439 | 0 | 73,439 | 0.0 | -73,439 |
| 2 | | 221 | 221 | 3,180.0 | 2,959 |
| 3 | | 221 | 221 | 3,422.0 | 3,201 |
| 4 | | 221 | 221 | 3,688.2 | 3,467 |
| 5 | | 221 | 221 | 3,981.0 | 3,760 |
| 6 | | 221 | 221 | 4,303.1 | 4,082 |
| 7 | | 221 | 221 | 4,657.4 | 4,436 |
| 8 | | 221 | 221 | 5,047.2 | 4,826 |
| 9 | | 221 | 221 | 5,475.9 | 5,255 |
| 10 | | 221 | 221 | 5,947.5 | 5,726 |
| 11 | | 221 | 221 | 6,466.2 | 6,245 |
| 12 | | 221 | 221 | 7,036.9 | 6,816 |
| 13 | | 221 | 221 | 7,664.5 | 7,444 |
| 14 | | 221 | 221 | 8,355.0 | 8,134 |
| 15 | | 221 | 221 | 9,114.5 | 8,893 |
| 16 | | 221 | 221 | 9,949.9 | 9,729 |
| 17 | | 221 | 221 | 10,868.9 | 10,648 |
| 18 | | 221 | 221 | 11,879.8 | 11,659 |
| 19 | | 221 | 221 | 12,991.8 | 12,771 |
| 20 | | 221 | 221 | 14,215.0 | 13,994 |
| IRR = 5 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | NABINAGAR | | No. | 9 | |
| Name of Road | RR-7 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 39,395 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 260.0 | | | | |
| | A 2,228.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 39,395 | 0 | 39,395 | 0.0 | -39,395 |
| 2 | | 136 | 136 | 2,488.0 | 2,352 |
| 3 | | 136 | 136 | 2,710.8 | 2,575 |
| 4 | | 136 | 136 | 2,955.9 | 2,820 |
| 5 | | 136 | 136 | 3,225.5 | 3,089 |
| 6 | | 136 | 136 | 3,522.0 | 3,386 |
| 7 | | 136 | 136 | 3,848.2 | 3,712 |
| 8 | | 136 | 136 | 4,207.0 | 4,071 |
| 9 | | 136 | 136 | 4,601.7 | 4,466 |
| 10 | | 136 | 136 | 5,035.9 | 4,900 |
| 11 | | 136 | 136 | 5,513.5 | 5,378 |
| 12 | | 136 | 136 | 6,038.9 | 5,903 |
| 13 | | 136 | 136 | 6,616.7 | 6,481 |
| 14 | | 136 | 136 | 7,252.4 | 7,116 |
| 15 | | 136 | 136 | 7,951.7 | 7,816 |
| 16 | | 136 | 136 | 8,720.8 | 8,585 |
| 17 | | 136 | 136 | 9,566.9 | 9,431 |
| 18 | | 136 | 136 | 10,497.6 | 10,362 |
| 19 | | 136 | 136 | 11,521.4 | 11,385 |
| 20 | | 136 | 136 | 12,647.5 | 12,511 |
| IRR = 10 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | NABINAGAR | | No. | 10 | |
| Name of Road | RR-8 | | | | |
| Length of Road | 5.0 Km | | | | |
| Cost | 22,505 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 85.0 | | |
| Benefit | T 94.0 | | | | |
| | A 2,099.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 22,505 | 0 | 22,505 | 0.0 | -22,505 |
| 2 | | 85 | 85 | 2,193.0 | 2,108 |
| 3 | | 85 | 85 | 2,402.9 | 2,318 |
| 4 | | 85 | 85 | 2,633.8 | 2,549 |
| 5 | | 85 | 85 | 2,887.8 | 2,803 |
| 6 | | 85 | 85 | 3,167.1 | 3,082 |
| 7 | | 85 | 85 | 3,474.5 | 3,389 |
| 8 | | 85 | 85 | 3,812.5 | 3,728 |
| 9 | | 85 | 85 | 4,184.4 | 4,099 |
| 10 | | 85 | 85 | 4,593.4 | 4,508 |
| 11 | | 85 | 85 | 5,043.3 | 4,958 |
| 12 | | 85 | 85 | 5,538.3 | 5,453 |
| 13 | | 85 | 85 | 6,082.7 | 5,998 |
| 14 | | 85 | 85 | 6,681.6 | 6,597 |
| 15 | | 85 | 85 | 7,340.3 | 7,255 |
| 16 | | 85 | 85 | 8,064.9 | 7,980 |
| 17 | | 85 | 85 | 8,862.0 | 8,777 |
| 18 | | 85 | 85 | 9,738.8 | 9,654 |
| 19 | | 85 | 85 | 10,703.3 | 10,618 |
| 20 | | 85 | 85 | 11,764.3 | 11,679 |
| IRR = 15 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|---------|-------------|
| Upazila | NABINAGAR | | No. | 11 | |
| Name of Road | RR-9 | | | | |
| Length of Road | 3.5 Km | | | | |
| Cost | 17,001 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 59.5 | | |
| Benefit | T 53.0 | | | | |
| | A 1,086.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 17,001 | 0 | 17,001 | 0.0 | -17,001 |
| 2 | | 60 | 60 | 1,139.0 | 1,080 |
| 3 | | 60 | 60 | 1,247.6 | 1,188 |
| 4 | | 60 | 60 | 1,367.1 | 1,308 |
| 5 | | 60 | 60 | 1,498.5 | 1,439 |
| 6 | | 60 | 60 | 1,643.0 | 1,584 |
| 7 | | 60 | 60 | 1,802.0 | 1,743 |
| 8 | | 60 | 60 | 1,976.9 | 1,917 |
| 9 | | 60 | 60 | 2,169.3 | 2,110 |
| 10 | | 60 | 60 | 2,380.9 | 2,321 |
| 11 | | 60 | 60 | 2,613.7 | 2,554 |
| 12 | | 60 | 60 | 2,869.8 | 2,810 |
| 13 | | 60 | 60 | 3,151.5 | 3,092 |
| 14 | | 60 | 60 | 3,461.3 | 3,402 |
| 15 | | 60 | 60 | 3,802.2 | 3,743 |
| 16 | | 60 | 60 | 4,177.1 | 4,118 |
| 17 | | 60 | 60 | 4,589.5 | 4,530 |
| 18 | | 60 | 60 | 5,043.1 | 4,984 |
| 19 | | 60 | 60 | 5,542.2 | 5,483 |
| 20 | | 60 | 60 | 6,091.1 | 6,032 |
| IRR = 11 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|---------|-------------|
| Upazila | NABINAGAR | | No. | 12 | |
| Name of Road | RR-10 | | | | |
| Length of Road | 7.0 Km | | | | |
| Cost | 65,120 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 119.0 | | |
| Benefit | T 1,361.0 | | | | |
| | A 530.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 65,120 | 0 | 65,120 | 0.0 | -65,120 |
| 2 | | 119 | 119 | 1,891.0 | 1,772 |
| 3 | | 119 | 119 | 1,944.0 | 1,825 |
| 4 | | 119 | 119 | 2,002.3 | 1,883 |
| 5 | | 119 | 119 | 2,066.4 | 1,947 |
| 6 | | 119 | 119 | 2,137.0 | 2,018 |
| 7 | | 119 | 119 | 2,214.6 | 2,096 |
| 8 | | 119 | 119 | 2,299.9 | 2,181 |
| 9 | | 119 | 119 | 2,393.8 | 2,275 |
| 10 | | 119 | 119 | 2,497.1 | 2,378 |
| 11 | | 119 | 119 | 2,610.7 | 2,492 |
| 12 | | 119 | 119 | 2,735.7 | 2,617 |
| 13 | | 119 | 119 | 2,873.2 | 2,754 |
| 14 | | 119 | 119 | 3,024.4 | 2,905 |
| 15 | | 119 | 119 | 3,190.7 | 3,072 |
| 16 | | 119 | 119 | 3,373.7 | 3,255 |
| 17 | | 119 | 119 | 3,574.9 | 3,456 |
| 18 | | 119 | 119 | 3,796.3 | 3,677 |
| 19 | | 119 | 119 | 4,039.9 | 3,921 |
| 20 | | 119 | 119 | 4,307.8 | 4,189 |
| IRR = -3 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. 13 | | |
| Name of Road | RR-11 | | | | |
| Length of Road | 5.0 Km | | | | |
| Cost | 30,552 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 85.0 | | |
| Benefit | T 48.0 | | | | |
| | A 656.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 30,552 | 0 | 30,552 | 0.0 | -30,552 |
| 2 | | 85 | 85 | 704.0 | 619 |
| 3 | | 85 | 85 | 769.6 | 685 |
| 4 | | 85 | 85 | 841.8 | 757 |
| 5 | | 85 | 85 | 921.1 | 836 |
| 6 | | 85 | 85 | 1,008.4 | 923 |
| 7 | | 85 | 85 | 1,104.5 | 1,019 |
| 8 | | 85 | 85 | 1,210.1 | 1,125 |
| 9 | | 85 | 85 | 1,326.4 | 1,241 |
| 10 | | 85 | 85 | 1,454.2 | 1,369 |
| 11 | | 85 | 85 | 1,594.8 | 1,510 |
| 12 | | 85 | 85 | 1,749.5 | 1,664 |
| 13 | | 85 | 85 | 1,919.6 | 1,835 |
| 14 | | 85 | 85 | 2,106.8 | 2,022 |
| 15 | | 85 | 85 | 2,312.7 | 2,228 |
| 16 | | 85 | 85 | 2,539.2 | 2,454 |
| 17 | | 85 | 85 | 2,788.3 | 2,703 |
| 18 | | 85 | 85 | 3,062.3 | 2,977 |
| 19 | | 85 | 85 | 3,363.7 | 3,279 |
| 20 | | 85 | 85 | 3,695.3 | 3,610 |
| IRR = | 0 % | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. 14 | | |
| Name of Road | RR-12 | | | | |
| Length of Road | 3.5 Km | | | | |
| Cost | 17,001 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 59.5 | | |
| Benefit | T 46.0 | | | | |
| | A 1,000.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 17,001 | 0 | 17,001 | 0.0 | -17,001 |
| 2 | | 60 | 60 | 1,046.0 | 987 |
| 3 | | 60 | 60 | 1,146.0 | 1,087 |
| 4 | | 60 | 60 | 1,256.0 | 1,197 |
| 5 | | 60 | 60 | 1,377.0 | 1,318 |
| 6 | | 60 | 60 | 1,510.1 | 1,451 |
| 7 | | 60 | 60 | 1,656.5 | 1,597 |
| 8 | | 60 | 60 | 1,817.6 | 1,758 |
| 9 | | 60 | 60 | 1,994.7 | 1,935 |
| 10 | | 60 | 60 | 2,189.6 | 2,130 |
| 11 | | 60 | 60 | 2,403.9 | 2,344 |
| 12 | | 60 | 60 | 2,639.7 | 2,580 |
| 13 | | 60 | 60 | 2,899.1 | 2,840 |
| 14 | | 60 | 60 | 3,184.4 | 3,125 |
| 15 | | 60 | 60 | 3,498.3 | 3,439 |
| 16 | | 60 | 60 | 3,843.5 | 3,784 |
| 17 | | 60 | 60 | 4,223.2 | 4,164 |
| 18 | | 60 | 60 | 4,641.0 | 4,581 |
| 19 | | 60 | 60 | 5,100.5 | 5,041 |
| 20 | | 60 | 60 | 5,605.9 | 5,546 |
| IRR = | 10 % | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. 15 | | |
| Name of Road | RR-13 | | | | |
| Length of Road | 4.0 Km | | | | |
| Cost | 27,604 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 68.0 | | |
| Benefit | T 56.0 | | | | |
| | A 1,298.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 27,604 | 0 | 27,604 | 0.0 | -27,604 |
| 2 | | 68 | 68 | 1,354.0 | 1,286 |
| 3 | | 68 | 68 | 1,483.8 | 1,416 |
| 4 | | 68 | 68 | 1,626.6 | 1,559 |
| 5 | | 68 | 68 | 1,783.6 | 1,716 |
| 6 | | 68 | 68 | 1,956.4 | 1,888 |
| 7 | | 68 | 68 | 2,146.4 | 2,078 |
| 8 | | 68 | 68 | 2,355.5 | 2,287 |
| 9 | | 68 | 68 | 2,585.4 | 2,517 |
| 10 | | 68 | 68 | 2,838.4 | 2,770 |
| 11 | | 68 | 68 | 3,116.6 | 3,049 |
| 12 | | 68 | 68 | 3,422.7 | 3,355 |
| 13 | | 68 | 68 | 3,759.3 | 3,691 |
| 14 | | 68 | 68 | 4,129.7 | 4,062 |
| 15 | | 68 | 68 | 4,537.0 | 4,469 |
| 16 | | 68 | 68 | 4,985.2 | 4,917 |
| 17 | | 68 | 68 | 5,478.1 | 5,410 |
| 18 | | 68 | 68 | 6,020.3 | 5,952 |
| 19 | | 68 | 68 | 6,616.7 | 6,549 |
| 20 | | 68 | 68 | 7,272.8 | 7,205 |
| IRR = | 7 % | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | NABINAGAR | | No. 16 | | |
| Name of Road | RR-14 | | | | |
| Length of Road | 7.3 Km | | | | |
| Cost | 28,310 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 124.6 | | |
| Benefit | T 790.0 | | | | |
| | A 2,438.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 28,310 | 0 | 28,310 | 0.0 | -28,310 |
| 2 | | 125 | 125 | 3,228.0 | 3,103 |
| 3 | | 125 | 125 | 3,471.8 | 3,347 |
| 4 | | 125 | 125 | 3,740.0 | 3,615 |
| 5 | | 125 | 125 | 4,035.0 | 3,910 |
| 6 | | 125 | 125 | 4,359.5 | 4,235 |
| 7 | | 125 | 125 | 4,716.4 | 4,592 |
| 8 | | 125 | 125 | 5,109.1 | 4,984 |
| 9 | | 125 | 125 | 5,541.0 | 5,416 |
| 10 | | 125 | 125 | 6,016.1 | 5,891 |
| 11 | | 125 | 125 | 6,538.7 | 6,414 |
| 12 | | 125 | 125 | 7,113.5 | 6,989 |
| 13 | | 125 | 125 | 7,745.9 | 7,621 |
| 14 | | 125 | 125 | 8,441.5 | 8,317 |
| 15 | | 125 | 125 | 9,206.6 | 9,082 |
| 16 | | 125 | 125 | 10,048.3 | 9,924 |
| 17 | | 125 | 125 | 10,974.1 | 10,850 |
| 18 | | 125 | 125 | 11,992.5 | 11,868 |
| 19 | | 125 | 125 | 13,112.8 | 12,988 |
| 20 | | 125 | 125 | 14,345.1 | 14,220 |
| IRR = | 16 % | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | NABINAGAR | | No. 17 | | |
| Name of Road | RR-15 | | | | |
| Length of Road | 19.5 Km | | | | |
| Cost | 120,856 | | | | |
| Unit O&M Cost | 20.0 | O&M Cost | 390.0 | | |
| Benefit | T 3,028.0 | | | | |
| | A 7,031.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 120,856 | 0 | 120,856 | 0.0 | -120,856 |
| 2 | | 390 | 390 | 10,059.0 | 9,669 |
| 3 | | 390 | 390 | 10,762.1 | 10,372 |
| 4 | | 390 | 390 | 11,535.5 | 11,146 |
| 5 | | 390 | 390 | 12,386.3 | 11,996 |
| 6 | | 390 | 390 | 13,322.1 | 12,932 |
| 7 | | 390 | 390 | 14,351.5 | 13,961 |
| 8 | | 390 | 390 | 15,483.8 | 15,094 |
| 9 | | 390 | 390 | 16,729.4 | 16,339 |
| 10 | | 390 | 390 | 18,099.6 | 17,710 |
| 11 | | 390 | 390 | 19,606.7 | 19,217 |
| 12 | | 390 | 390 | 21,264.6 | 20,875 |
| 13 | | 390 | 390 | 23,088.3 | 22,698 |
| 14 | | 390 | 390 | 25,094.3 | 24,704 |
| 15 | | 390 | 390 | 27,300.9 | 26,911 |
| 16 | | 390 | 390 | 29,728.2 | 29,338 |
| 17 | | 390 | 390 | 32,398.2 | 32,008 |
| 18 | | 390 | 390 | 35,335.3 | 34,945 |
| 19 | | 390 | 390 | 38,566.0 | 38,176 |
| 20 | | 390 | 390 | 42,119.8 | 41,730 |
| IRR = | 12 % | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. 18 | | |
| Name of Road | RR-16 | | | | |
| Length of Road | 4.5 Km | | | | |
| Cost | 29,079 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 76.5 | | |
| Benefit | T 20.0 | | | | |
| | A 500.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 29,079 | 0 | 29,079 | 0.0 | -29,079 |
| 2 | | 77 | 77 | 520.0 | 444 |
| 3 | | 77 | 77 | 570.0 | 494 |
| 4 | | 77 | 77 | 625.0 | 549 |
| 5 | | 77 | 77 | 685.5 | 609 |
| 6 | | 77 | 77 | 752.1 | 676 |
| 7 | | 77 | 77 | 825.3 | 749 |
| 8 | | 77 | 77 | 905.8 | 829 |
| 9 | | 77 | 77 | 994.4 | 918 |
| 10 | | 77 | 77 | 1,091.8 | 1,015 |
| 11 | | 77 | 77 | 1,199.0 | 1,122 |
| 12 | | 77 | 77 | 1,316.9 | 1,240 |
| 13 | | 77 | 77 | 1,446.6 | 1,370 |
| 14 | | 77 | 77 | 1,589.2 | 1,513 |
| 15 | | 77 | 77 | 1,746.1 | 1,670 |
| 16 | | 77 | 77 | 1,918.7 | 1,842 |
| 17 | | 77 | 77 | 2,108.6 | 2,032 |
| 18 | | 77 | 77 | 2,317.5 | 2,241 |
| 19 | | 77 | 77 | 2,547.2 | 2,471 |
| 20 | | 77 | 77 | 2,800.0 | 2,723 |
| IRR = | -2 % | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. 19 | | |
| Name of Road | RR-17 | | | | |
| Length of Road | 4.0 Km | | | | |
| Cost | 20,811 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 68.0 | | |
| Benefit | T 30.0 | | | | |
| | A 840.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 20,811 | 0 | 20,811 | 0.0 | -20,811 |
| 2 | | 68 | 68 | 870.0 | 802 |
| 3 | | 68 | 68 | 954.0 | 886 |
| 4 | | 68 | 68 | 1,046.4 | 978 |
| 5 | | 68 | 68 | 1,148.0 | 1,080 |
| 6 | | 68 | 68 | 1,259.8 | 1,192 |
| 7 | | 68 | 68 | 1,382.8 | 1,315 |
| 8 | | 68 | 68 | 1,518.1 | 1,450 |
| 9 | | 68 | 68 | 1,666.9 | 1,599 |
| 10 | | 68 | 68 | 1,830.6 | 1,763 |
| 11 | | 68 | 68 | 2,010.7 | 1,943 |
| 12 | | 68 | 68 | 2,208.7 | 2,141 |
| 13 | | 68 | 68 | 2,426.6 | 2,359 |
| 14 | | 68 | 68 | 2,666.3 | 2,598 |
| 15 | | 68 | 68 | 2,929.9 | 2,862 |
| 16 | | 68 | 68 | 3,219.9 | 3,152 |
| 17 | | 68 | 68 | 3,538.9 | 3,471 |
| 18 | | 68 | 68 | 3,889.8 | 3,822 |
| 19 | | 68 | 68 | 4,275.8 | 4,208 |
| 20 | | 68 | 68 | 4,700.3 | 4,632 |
| IRR = | 6 % | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. 20 | | |
| Name of Road | RR-18 | | | | |
| Length of Road | 6.0 Km | | | | |
| Cost | 31,163 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 102.0 | | |
| Benefit | T 366.0 | | | | |
| | A 1,530.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 31,163 | 0 | 31,163 | 0.0 | -31,163 |
| 2 | | 102 | 102 | 1,896.0 | 1,794 |
| 3 | | 102 | 102 | 2,049.0 | 1,947 |
| 4 | | 102 | 102 | 2,217.3 | 2,115 |
| 5 | | 102 | 102 | 2,402.4 | 2,300 |
| 6 | | 102 | 102 | 2,606.1 | 2,504 |
| 7 | | 102 | 102 | 2,830.1 | 2,728 |
| 8 | | 102 | 102 | 3,076.5 | 2,974 |
| 9 | | 102 | 102 | 3,347.5 | 3,246 |
| 10 | | 102 | 102 | 3,645.7 | 3,544 |
| 11 | | 102 | 102 | 3,973.7 | 3,872 |
| 12 | | 102 | 102 | 4,334.4 | 4,232 |
| 13 | | 102 | 102 | 4,731.3 | 4,629 |
| 14 | | 102 | 102 | 5,167.8 | 5,066 |
| 15 | | 102 | 102 | 5,648.0 | 5,546 |
| 16 | | 102 | 102 | 6,176.2 | 6,074 |
| 17 | | 102 | 102 | 6,757.2 | 6,655 |
| 18 | | 102 | 102 | 7,396.3 | 7,294 |
| 19 | | 102 | 102 | 8,099.3 | 7,997 |
| 20 | | 102 | 102 | 8,872.7 | 8,771 |
| IRR = | 9 % | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. | 21 | |
| Name of Road | RR-19 | | | | |
| Length of Road | 5.0 Km | | | | |
| Cost | 23,759 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 85.0 | | |
| Benefit | T 107.0 | | | | |
| | A 1,684.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 23,759 | 0 | 23,759 | 0.0 | -23,759 |
| 2 | | 85 | 85 | 1,791.0 | 1,706 |
| 3 | | 85 | 85 | 1,959.4 | 1,874 |
| 4 | | 85 | 85 | 2,144.6 | 2,060 |
| 5 | | 85 | 85 | 2,348.4 | 2,263 |
| 6 | | 85 | 85 | 2,572.5 | 2,488 |
| 7 | | 85 | 85 | 2,819.1 | 2,734 |
| 8 | | 85 | 85 | 3,090.3 | 3,005 |
| 9 | | 85 | 85 | 3,388.6 | 3,304 |
| 10 | | 85 | 85 | 3,716.8 | 3,632 |
| 11 | | 85 | 85 | 4,077.8 | 3,993 |
| 12 | | 85 | 85 | 4,474.9 | 4,390 |
| 13 | | 85 | 85 | 4,911.6 | 4,827 |
| 14 | | 85 | 85 | 5,392.1 | 5,301 |
| 15 | | 85 | 85 | 5,920.6 | 5,836 |
| 16 | | 85 | 85 | 6,502.0 | 6,417 |
| 17 | | 85 | 85 | 7,141.5 | 7,056 |
| 18 | | 85 | 85 | 7,844.9 | 7,760 |
| 19 | | 85 | 85 | 8,618.7 | 8,534 |
| 20 | | 85 | 85 | 9,469.9 | 9,385 |
| IRR = 12 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | NABINAGAR | | No. | 22 | |
| Name of Road | RR-20 | | | | |
| Length of Road | 7.5 Km | | | | |
| Cost | 37,922 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 127.5 | | |
| Benefit | T 225.0 | | | | |
| | A 2,414.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 37,922 | 0 | 37,922 | 0.0 | -37,922 |
| 2 | | 128 | 128 | 2,639.0 | 2,513 |
| 3 | | 128 | 128 | 2,880.4 | 2,753 |
| 4 | | 128 | 128 | 3,145.9 | 3,018 |
| 5 | | 128 | 128 | 3,438.0 | 3,311 |
| 6 | | 128 | 128 | 3,759.3 | 3,632 |
| 7 | | 128 | 128 | 4,112.8 | 3,985 |
| 8 | | 128 | 128 | 4,501.5 | 4,374 |
| 9 | | 128 | 128 | 4,929.2 | 4,802 |
| 10 | | 128 | 128 | 5,399.6 | 5,272 |
| 11 | | 128 | 128 | 5,917.1 | 5,790 |
| 12 | | 128 | 128 | 6,486.3 | 6,359 |
| 13 | | 128 | 128 | 7,112.4 | 6,985 |
| 14 | | 128 | 128 | 7,801.2 | 7,674 |
| 15 | | 128 | 128 | 8,558.8 | 8,431 |
| 16 | | 128 | 128 | 9,392.2 | 9,265 |
| 17 | | 128 | 128 | 10,308.9 | 10,181 |
| 18 | | 128 | 128 | 11,317.3 | 11,190 |
| 19 | | 128 | 128 | 12,426.5 | 12,299 |
| 20 | | 128 | 128 | 13,646.6 | 13,519 |
| IRR = 11 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. | 23 | |
| Name of Road | RR-21 | | | | |
| Length of Road | 5.0 Km | | | | |
| Cost | 23,759 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 85.0 | | |
| Benefit | T 21.0 | | | | |
| | A 350.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 23,759 | 0 | 23,759 | 0.0 | -23,759 |
| 2 | | 85 | 85 | 371.0 | 286 |
| 3 | | 85 | 85 | 406.0 | 321 |
| 4 | | 85 | 85 | 444.5 | 360 |
| 5 | | 85 | 85 | 486.9 | 402 |
| 6 | | 85 | 85 | 533.4 | 448 |
| 7 | | 85 | 85 | 584.7 | 500 |
| 8 | | 85 | 85 | 641.0 | 556 |
| 9 | | 85 | 85 | 703.1 | 618 |
| 10 | | 85 | 85 | 771.3 | 686 |
| 11 | | 85 | 85 | 846.3 | 761 |
| 12 | | 85 | 85 | 928.8 | 844 |
| 13 | | 85 | 85 | 1,019.6 | 935 |
| 14 | | 85 | 85 | 1,119.4 | 1,034 |
| 15 | | 85 | 85 | 1,229.3 | 1,144 |
| 16 | | 85 | 85 | 1,350.1 | 1,265 |
| 17 | | 85 | 85 | 1,483.0 | 1,398 |
| 18 | | 85 | 85 | 1,629.2 | 1,544 |
| 19 | | 85 | 85 | 1,790.1 | 1,705 |
| 20 | | 85 | 85 | 1,967.0 | 1,882 |
| IRR = -3 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | NABINAGAR | | No. | 24 | |
| Name of Road | RR-22 | | | | |
| Length of Road | 12.0 Km | | | | |
| Cost | 64,967 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 204.0 | | |
| Benefit | T 347.0 | | | | |
| | A 2,283.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 64,967 | 0 | 64,967 | 0.0 | -64,967 |
| 2 | | 204 | 204 | 2,630.0 | 2,426 |
| 3 | | 204 | 204 | 2,858.3 | 2,654 |
| 4 | | 204 | 204 | 3,109.4 | 2,905 |
| 5 | | 204 | 204 | 3,385.7 | 3,182 |
| 6 | | 204 | 204 | 3,689.5 | 3,486 |
| 7 | | 204 | 204 | 4,023.8 | 3,820 |
| 8 | | 204 | 204 | 4,391.5 | 4,187 |
| 9 | | 204 | 204 | 4,795.9 | 4,592 |
| 10 | | 204 | 204 | 5,240.8 | 5,037 |
| 11 | | 204 | 204 | 5,730.2 | 5,526 |
| 12 | | 204 | 204 | 6,268.5 | 6,065 |
| 13 | | 204 | 204 | 6,860.7 | 6,657 |
| 14 | | 204 | 204 | 7,512.0 | 7,308 |
| 15 | | 204 | 204 | 8,228.5 | 8,025 |
| 16 | | 204 | 204 | 9,016.7 | 8,813 |
| 17 | | 204 | 204 | 9,883.7 | 9,680 |
| 18 | | 204 | 204 | 10,837.3 | 10,633 |
| 19 | | 204 | 204 | 11,886.4 | 11,682 |
| 20 | | 204 | 204 | 13,040.3 | 12,836 |
| IRR = 5 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|---------------------|-------------|
| Upazila | NABINAGAR | | No. | 25 | |
| Name of Road | RR-23 | | | | |
| Length of Road | 13.5 Km | | | | |
| Cost | 105,255 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 229.5 | | |
| Benefit | T 661.0 | | | | |
| | A 1,540.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 105,255 | 0 | 105,255 | 0.0 | -105,255 |
| 2 | | 230 | 230 | 2,201.0 | 1,972 |
| 3 | | 230 | 230 | 2,355.0 | 2,126 |
| 4 | | 230 | 230 | 2,524.4 | 2,295 |
| 5 | | 230 | 230 | 2,710.7 | 2,481 |
| 6 | | 230 | 230 | 2,915.7 | 2,686 |
| 7 | | 230 | 230 | 3,141.2 | 2,912 |
| 8 | | 230 | 230 | 3,389.2 | 3,160 |
| 9 | | 230 | 230 | 3,662.0 | 3,433 |
| 10 | | 230 | 230 | 3,962.1 | 3,733 |
| 11 | | 230 | 230 | 4,292.2 | 4,063 |
| 12 | | 230 | 230 | 4,655.4 | 4,426 |
| 13 | | 230 | 230 | 5,054.8 | 4,825 |
| 14 | | 230 | 230 | 5,494.2 | 5,265 |
| 15 | | 230 | 230 | 5,977.5 | 5,748 |
| 16 | | 230 | 230 | 6,509.1 | 6,280 |
| 17 | | 230 | 230 | 7,094.0 | 6,864 |
| 18 | | 230 | 230 | 7,737.3 | 7,508 |
| 19 | | 230 | 230 | 8,444.9 | 8,215 |
| 20 | | 230 | 230 | 9,223.3 | 8,994 |
| IRR = -2 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------------------|-------------|
| Upazila | NABINAGAR | | No. | 26 | |
| Name of Road | RR-24 | | | | |
| Length of Road | 4.5 Km | | | | |
| Cost | 26,742 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 76.5 | | |
| Benefit | T 32.0 | | | | |
| | A 1,546.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 26,742 | 0 | 26,742 | 0.0 | -26,742 |
| 2 | | 77 | 77 | 1,578.0 | 1,502 |
| 3 | | 77 | 77 | 1,732.6 | 1,656 |
| 4 | | 77 | 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 | 2,445 |
| 8 | | 77 | 77 | 2,770.8 | 2,694 |
| 9 | | 77 | 77 | 3,044.7 | 2,968 |
| 10 | | 77 | 77 | 3,346.0 | 3,269 |
| 11 | | 77 | 77 | 3,677.4 | 3,601 |
| 12 | | 77 | 77 | 4,041.9 | 3,965 |
| 13 | | 77 | 77 | 4,442.9 | 4,366 |
| 14 | | 77 | 77 | 4,884.0 | 4,808 |
| 15 | | 77 | 77 | 5,369.2 | 5,293 |
| 16 | | 77 | 77 | 5,902.9 | 5,826 |
| 17 | | 77 | 77 | 6,490.0 | 6,414 |
| 18 | | 77 | 77 | 7,135.8 | 7,059 |
| 19 | | 77 | 77 | 7,846.2 | 7,770 |
| 20 | | 77 | 77 | 8,627.6 | 8,551 |
| IRR = 9 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------------------|-------------|
| Upazila | NABINAGAR | | No. | 27 | |
| Name of Road | RR-25 | | | | |
| Length of Road | 2.0 Km | | | | |
| Cost | 10,351 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 34.0 | | |
| Benefit | T 11.0 | | | | |
| | A 620.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 10,351 | 0 | 10,351 | 0.0 | -10,351 |
| 2 | | 34 | 34 | 631.0 | 597 |
| 3 | | 34 | 34 | 693.0 | 659 |
| 4 | | 34 | 34 | 761.2 | 727 |
| 5 | | 34 | 34 | 836.2 | 802 |
| 6 | | 34 | 34 | 918.7 | 885 |
| 7 | | 34 | 34 | 1,009.5 | 976 |
| 8 | | 34 | 34 | 1,109.4 | 1,075 |
| 9 | | 34 | 34 | 1,219.2 | 1,185 |
| 10 | | 34 | 34 | 1,340.0 | 1,306 |
| 11 | | 34 | 34 | 1,472.9 | 1,439 |
| 12 | | 34 | 34 | 1,619.1 | 1,585 |
| 13 | | 34 | 34 | 1,779.9 | 1,746 |
| 14 | | 34 | 34 | 1,956.8 | 1,923 |
| 15 | | 34 | 34 | 2,151.4 | 2,117 |
| 16 | | 34 | 34 | 2,365.4 | 2,331 |
| 17 | | 34 | 34 | 2,600.9 | 2,567 |
| 18 | | 34 | 34 | 2,859.9 | 2,826 |
| 19 | | 34 | 34 | 3,144.8 | 3,111 |
| 20 | | 34 | 34 | 3,458.1 | 3,424 |
| IRR = 10 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------------------|-------------|
| Upazila | NABINAGAR | | No. | 28 | |
| Name of Road | RR-26 | | | | |
| Length of Road | 5.5 Km | | | | |
| Cost | 25,233 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 93.5 | | |
| Benefit | T 80.0 | | | | |
| | A 300.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 25,233 | 0 | 25,233 | 0.0 | -25,233 |
| 2 | | 94 | 94 | 580.0 | 487 |
| 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 |
| 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 % | | | | | |

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

| Cost and Benefit Stream | | | | |
|-------------------------|-------------------|----------|---------|-------------|
| Upazila | NABINAGAR | | No. 29 | |
| Name of Road | RR-27 | | | |
| Length of Road | 9.0 Km | | | |
| Cost | 44,570 | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 153.0 | |
| Benefit | T 278.0 | | | |
| | A 1,582.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | |
| Year | Cost | | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | | |
| 1 | 44,570 | 0 | 0.0 | -44,570 |
| 2 | | 153 | 1,860.0 | 1,707 |
| 3 | | 153 | 2,018.2 | 1,865 |
| 4 | | 153 | 2,192.2 | 2,039 |
| 5 | | 153 | 2,383.6 | 2,231 |
| 6 | | 153 | 2,594.2 | 2,441 |
| 7 | | 153 | 2,825.8 | 2,673 |
| 8 | | 153 | 3,080.6 | 2,928 |
| 9 | | 153 | 3,360.9 | 3,208 |
| 10 | | 153 | 3,669.2 | 3,516 |
| 11 | | 153 | 4,008.3 | 3,855 |
| 12 | | 153 | 4,381.3 | 4,228 |
| 13 | | 153 | 4,791.6 | 4,639 |
| 14 | | 153 | 5,243.0 | 5,090 |
| 15 | | 153 | 5,739.5 | 5,586 |
| 16 | | 153 | 6,285.6 | 6,133 |
| 17 | | 153 | 6,886.4 | 6,733 |
| 18 | | 153 | 7,547.2 | 7,394 |
| 19 | | 153 | 8,274.2 | 8,121 |
| 20 | | 153 | 9,073.8 | 8,921 |
| IRR = 5 % | | | | |

| Cost and Benefit Stream | | | | |
|-------------------------|-------------------|----------|----------|-------------|
| Upazila | NABINAGAR | | No. 30 | |
| Name of Road | RR-28 | | | |
| Length of Road | 3.5 Km | | | |
| Cost | 19,338 | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 59.5 | |
| Benefit | T 54.0 | | | |
| | A 2,395.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | |
| Year | Cost | | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | | |
| 1 | 19,338 | 0 | 0.0 | -19,338 |
| 2 | | 60 | 2,449.0 | 2,390 |
| 3 | | 60 | 2,688.5 | 2,629 |
| 4 | | 60 | 2,952.0 | 2,892 |
| 5 | | 60 | 3,241.7 | 3,182 |
| 6 | | 60 | 3,560.5 | 3,501 |
| 7 | | 60 | 3,911.2 | 3,852 |
| 8 | | 60 | 4,296.9 | 4,237 |
| 9 | | 60 | 4,721.2 | 4,662 |
| 10 | | 60 | 5,187.9 | 5,128 |
| 11 | | 60 | 5,701.3 | 5,642 |
| 12 | | 60 | 6,266.0 | 6,207 |
| 13 | | 60 | 6,887.2 | 6,828 |
| 14 | | 60 | 7,570.5 | 7,511 |
| 15 | | 60 | 8,322.2 | 8,263 |
| 16 | | 60 | 9,149.0 | 9,090 |
| 17 | | 60 | 10,058.5 | 9,999 |
| 18 | | 60 | 11,059.0 | 10,999 |
| 19 | | 60 | 12,159.5 | 12,100 |
| 20 | | 60 | 13,370.0 | 13,311 |
| IRR = 20 % | | | | |

| Cost and Benefit Stream | | | | |
|-------------------------|-------------------|----------|---------|-------------|
| Upazila | NABINAGAR | | No. 31 | |
| Name of Road | RR-29 | | | |
| Length of Road | 3.0 Km | | | |
| Cost | 20,092 | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 51.0 | |
| Benefit | T 8.0 | | | |
| | A 655.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | |
| Year | Cost | | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | | |
| 1 | 20,092 | 0 | 0.0 | -20,092 |
| 2 | | 51 | 643.0 | 592 |
| 3 | | 51 | 706.5 | 656 |
| 4 | | 51 | 776.4 | 725 |
| 5 | | 51 | 853.2 | 802 |
| 6 | | 51 | 937.7 | 887 |
| 7 | | 51 | 1,030.7 | 980 |
| 8 | | 51 | 1,132.9 | 1,082 |
| 9 | | 51 | 1,245.4 | 1,194 |
| 10 | | 51 | 1,369.2 | 1,318 |
| 11 | | 51 | 1,505.3 | 1,454 |
| 12 | | 51 | 1,655.0 | 1,604 |
| 13 | | 51 | 1,819.7 | 1,769 |
| 14 | | 51 | 2,000.9 | 1,950 |
| 15 | | 51 | 2,200.2 | 2,149 |
| 16 | | 51 | 2,419.4 | 2,368 |
| 17 | | 51 | 2,660.6 | 2,610 |
| 18 | | 51 | 2,925.8 | 2,875 |
| 19 | | 51 | 3,217.6 | 3,167 |
| 20 | | 51 | 3,538.5 | 3,488 |
| IRR = 3 % | | | | |

| Cost and Benefit Stream | | | | |
|-------------------------|-------------------|----------|---------|-------------|
| Upazila | NABINAGAR | | No. 32 | |
| Name of Road | RR-30 | | | |
| Length of Road | 3.0 Km | | | |
| Cost | 17,864 | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 51.0 | |
| Benefit | T 8.0 | | | |
| | A 247.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | |
| Year | Cost | | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | | |
| 1 | 17,864 | 0 | 0.0 | -17,864 |
| 2 | | 51 | 255.0 | 204 |
| 3 | | 51 | 279.7 | 229 |
| 4 | | 51 | 306.9 | 256 |
| 5 | | 51 | 336.8 | 286 |
| 6 | | 51 | 369.6 | 319 |
| 7 | | 51 | 405.8 | 355 |
| 8 | | 51 | 445.6 | 395 |
| 9 | | 51 | 489.3 | 438 |
| 10 | | 51 | 537.5 | 486 |
| 11 | | 51 | 590.4 | 539 |
| 12 | | 51 | 648.7 | 598 |
| 13 | | 51 | 712.7 | 662 |
| 14 | | 51 | 783.2 | 732 |
| 15 | | 51 | 860.7 | 810 |
| 16 | | 51 | 946.0 | 895 |
| 17 | | 51 | 1,039.8 | 989 |
| 18 | | 51 | 1,143.0 | 1,092 |
| 19 | | 51 | 1,256.5 | 1,205 |
| 20 | | 51 | 1,381.3 | 1,330 |
| IRR = -4 % | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------------------|-------------|
| Upazila | NABINAGAR | | No. 33 | | |
| Name of Road | RR-31 | | | | |
| Length of Road | 2.5 Km | | | | |
| Cost | 16,391 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 42.5 | | |
| Benefit | T 11.0 | | | | |
| | A 190.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 16,391 | 0 | 16,391 | 0.0 | -16,391 |
| 2 | | 43 | 43 | 201.0 | 159 |
| 3 | | 43 | 43 | 220.0 | 178 |
| 4 | | 43 | 43 | 240.9 | 198 |
| 5 | | 43 | 43 | 263.9 | 221 |
| 6 | | 43 | 43 | 289.2 | 247 |
| 7 | | 43 | 43 | 317.0 | 274 |
| 8 | | 43 | 43 | 347.6 | 305 |
| 9 | | 43 | 43 | 381.3 | 339 |
| 10 | | 43 | 43 | 418.3 | 376 |
| 11 | | 43 | 43 | 459.0 | 417 |
| 12 | | 43 | 43 | 503.8 | 461 |
| 13 | | 43 | 43 | 553.1 | 511 |
| 14 | | 43 | 43 | 607.3 | 565 |
| 15 | | 43 | 43 | 666.9 | 624 |
| 16 | | 43 | 43 | 732.5 | 690 |
| 17 | | 43 | 43 | 804.7 | 762 |
| 18 | | 43 | 43 | 884.0 | 842 |
| 19 | | 43 | 43 | 971.3 | 929 |
| 20 | | 43 | 43 | 1,067.4 | 1,025 |
| IRR = #NUM! % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------------------|-------------|
| Upazila | NABINAGAR | | No. 34 | | |
| Name of Road | RR-32 | | | | |
| Length of Road | 5.0 Km | | | | |
| Cost | 28,324 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 85.0 | | |
| Benefit | T 92.0 | | | | |
| | A 1,438.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 28,324 | 0 | 28,324 | 0.0 | -28,324 |
| 2 | | 85 | 85 | 1,530.0 | 1,445 |
| 3 | | 85 | 85 | 1,673.8 | 1,589 |
| 4 | | 85 | 85 | 1,832.0 | 1,747 |
| 5 | | 85 | 85 | 2,006.0 | 1,921 |
| 6 | | 85 | 85 | 2,197.4 | 2,112 |
| 7 | | 85 | 85 | 2,407.9 | 2,323 |
| 8 | | 85 | 85 | 2,639.5 | 2,555 |
| 9 | | 85 | 85 | 2,894.3 | 2,809 |
| 10 | | 85 | 85 | 3,174.5 | 3,089 |
| 11 | | 85 | 85 | 3,482.7 | 3,398 |
| 12 | | 85 | 85 | 3,821.8 | 3,737 |
| 13 | | 85 | 85 | 4,194.8 | 4,110 |
| 14 | | 85 | 85 | 4,605.1 | 4,520 |
| 15 | | 85 | 85 | 5,056.4 | 4,971 |
| 16 | | 85 | 85 | 5,552.8 | 5,468 |
| 17 | | 85 | 85 | 6,098.9 | 6,014 |
| 18 | | 85 | 85 | 6,699.6 | 6,615 |
| 19 | | 85 | 85 | 7,360.3 | 7,275 |
| 20 | | 85 | 85 | 8,087.2 | 8,002 |
| IRR = 8 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------------------|-------------|
| Upazila | NABINAGAR | | No. 35 | | |
| Name of Road | RR-33 | | | | |
| Length of Road | 5.0 Km | | | | |
| Cost | 23,759 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 85.0 | | |
| Benefit | T 33.0 | | | | |
| | A 374.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 23,759 | 0 | 23,759 | 0.0 | -23,759 |
| 2 | | 85 | 85 | 407.0 | 322 |
| 3 | | 85 | 85 | 444.4 | 359 |
| 4 | | 85 | 85 | 485.5 | 401 |
| 5 | | 85 | 85 | 530.8 | 446 |
| 6 | | 85 | 85 | 580.6 | 496 |
| 7 | | 85 | 85 | 635.3 | 550 |
| 8 | | 85 | 85 | 695.6 | 611 |
| 9 | | 85 | 85 | 761.8 | 677 |
| 10 | | 85 | 85 | 834.7 | 750 |
| 11 | | 85 | 85 | 914.9 | 830 |
| 12 | | 85 | 85 | 1,003.1 | 918 |
| 13 | | 85 | 85 | 1,100.1 | 1,015 |
| 14 | | 85 | 85 | 1,206.8 | 1,122 |
| 15 | | 85 | 85 | 1,324.1 | 1,239 |
| 16 | | 85 | 85 | 1,453.3 | 1,368 |
| 17 | | 85 | 85 | 1,595.3 | 1,510 |
| 18 | | 85 | 85 | 1,751.5 | 1,667 |
| 19 | | 85 | 85 | 1,923.4 | 1,838 |
| 20 | | 85 | 85 | 2,112.4 | 2,027 |
| IRR = -3 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------------------|-------------|
| Upazila | NABINAGAR | | No. 36 | | |
| Name of Road | RR-34 | | | | |
| Length of Road | 6.0 Km | | | | |
| Cost | 24,479 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 102.0 | | |
| Benefit | T 134.0 | | | | |
| | A 1,232.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 24,479 | 0 | 24,479 | 0.0 | -24,479 |
| 2 | | 102 | 102 | 1,366.0 | 1,264 |
| 3 | | 102 | 102 | 1,489.2 | 1,387 |
| 4 | | 102 | 102 | 1,624.7 | 1,523 |
| 5 | | 102 | 102 | 1,773.8 | 1,672 |
| 6 | | 102 | 102 | 1,937.8 | 1,836 |
| 7 | | 102 | 102 | 2,118.1 | 2,016 |
| 8 | | 102 | 102 | 2,316.6 | 2,215 |
| 9 | | 102 | 102 | 2,534.8 | 2,433 |
| 10 | | 102 | 102 | 2,774.9 | 2,673 |
| 11 | | 102 | 102 | 3,039.0 | 2,937 |
| 12 | | 102 | 102 | 3,329.5 | 3,227 |
| 13 | | 102 | 102 | 3,649.0 | 3,547 |
| 14 | | 102 | 102 | 4,000.5 | 3,899 |
| 15 | | 102 | 102 | 4,387.2 | 4,285 |
| 16 | | 102 | 102 | 4,812.5 | 4,711 |
| 17 | | 102 | 102 | 5,280.4 | 5,178 |
| 18 | | 102 | 102 | 5,795.0 | 5,693 |
| 19 | | 102 | 102 | 6,361.1 | 6,259 |
| 20 | | 102 | 102 | 6,983.8 | 6,882 |
| IRR = 8 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. 37 | | |
| Name of Road | RR-35 | | | | |
| Length of Road | 2.5 Km | | | | |
| Cost | 16,391 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 42.5 | | |
| Benefit | T 5.0 | | | | |
| | A 107.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | Total | | |
| 1 | 16,391 | 0 | 16,391 | 0.0 | -16,391 |
| 2 | | 43 | 43 | 112.0 | 70 |
| 3 | | 43 | 43 | 122.7 | 80 |
| 4 | | 43 | 43 | 134.5 | 92 |
| 5 | | 43 | 43 | 147.4 | 105 |
| 6 | | 43 | 43 | 161.7 | 119 |
| 7 | | 43 | 43 | 177.3 | 135 |
| 8 | | 43 | 43 | 194.6 | 152 |
| 9 | | 43 | 43 | 213.5 | 171 |
| 10 | | 43 | 43 | 234.4 | 192 |
| 11 | | 43 | 43 | 257.3 | 215 |
| 12 | | 43 | 43 | 282.5 | 240 |
| 13 | | 43 | 43 | 310.3 | 268 |
| 14 | | 43 | 43 | 340.8 | 298 |
| 15 | | 43 | 43 | 374.4 | 332 |
| 16 | | 43 | 43 | 411.3 | 369 |
| 17 | | 43 | 43 | 452.0 | 409 |
| 18 | | 43 | 43 | 496.7 | 454 |
| 19 | | 43 | 43 | 545.8 | 503 |
| 20 | | 43 | 43 | 599.9 | 557 |
| IRR = #NUM! % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. 38 | | |
| Name of Road | RR-36 | | | | |
| Length of Road | 7.5 Km | | | | |
| Cost | 37,922 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 127.5 | | |
| Benefit | T 145.0 | | | | |
| | A 1,577.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | Total | | |
| 1 | 37,922 | 0 | 37,922 | 0.0 | -37,922 |
| 2 | | 128 | 128 | 1,722.0 | 1,595 |
| 3 | | 128 | 128 | 1,879.7 | 1,752 |
| 4 | | 128 | 128 | 2,053.2 | 1,926 |
| 5 | | 128 | 128 | 2,244.0 | 2,116 |
| 6 | | 128 | 128 | 2,453.9 | 2,326 |
| 7 | | 128 | 128 | 2,684.8 | 2,557 |
| 8 | | 128 | 128 | 2,938.8 | 2,811 |
| 9 | | 128 | 128 | 3,218.1 | 3,091 |
| 10 | | 128 | 128 | 3,525.4 | 3,398 |
| 11 | | 128 | 128 | 3,863.5 | 3,736 |
| 12 | | 128 | 128 | 4,235.3 | 4,108 |
| 13 | | 128 | 128 | 4,644.4 | 4,517 |
| 14 | | 128 | 128 | 5,094.3 | 4,967 |
| 15 | | 128 | 128 | 5,589.2 | 5,462 |
| 16 | | 128 | 128 | 6,133.7 | 6,006 |
| 17 | | 128 | 128 | 6,732.5 | 6,605 |
| 18 | | 128 | 128 | 7,391.3 | 7,264 |
| 19 | | 128 | 128 | 8,115.9 | 7,988 |
| 20 | | 128 | 128 | 8,913.0 | 8,785 |
| IRR = 6 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. 39 | | |
| Name of Road | RR-37 | | | | |
| Length of Road | 6.0 Km | | | | |
| Cost | 29,044 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 102.0 | | |
| Benefit | T 47.0 | | | | |
| | A 586.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | Total | | |
| 1 | 29,044 | 0 | 29,044 | 0.0 | -29,044 |
| 2 | | 102 | 102 | 633.0 | 531 |
| 3 | | 102 | 102 | 691.6 | 590 |
| 4 | | 102 | 102 | 756.1 | 654 |
| 5 | | 102 | 102 | 827.0 | 725 |
| 6 | | 102 | 102 | 905.0 | 803 |
| 7 | | 102 | 102 | 990.8 | 889 |
| 8 | | 102 | 102 | 1,085.1 | 983 |
| 9 | | 102 | 102 | 1,188.9 | 1,087 |
| 10 | | 102 | 102 | 1,303.1 | 1,201 |
| 11 | | 102 | 102 | 1,428.8 | 1,327 |
| 12 | | 102 | 102 | 1,566.9 | 1,465 |
| 13 | | 102 | 102 | 1,718.9 | 1,617 |
| 14 | | 102 | 102 | 1,886.1 | 1,784 |
| 15 | | 102 | 102 | 2,070.0 | 1,968 |
| 16 | | 102 | 102 | 2,272.3 | 2,170 |
| 17 | | 102 | 102 | 2,494.9 | 2,393 |
| 18 | | 102 | 102 | 2,739.7 | 2,638 |
| 19 | | 102 | 102 | 3,008.9 | 2,907 |
| 20 | | 102 | 102 | 3,305.1 | 3,203 |
| IRR = -1 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | NABINAGAR | | No. 40 | | |
| Name of Road | RR-38 | | | | |
| Length of Road | 4.5 Km | | | | |
| Cost | 26,742 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 76.5 | | |
| Benefit | T 13.0 | | | | |
| | A 208.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | Total | | |
| 1 | 26,742 | 0 | 26,742 | 0.0 | -26,742 |
| 2 | | 77 | 77 | 221.0 | 145 |
| 3 | | 77 | 77 | 241.8 | 165 |
| 4 | | 77 | 77 | 264.7 | 188 |
| 5 | | 77 | 77 | 289.8 | 213 |
| 6 | | 77 | 77 | 317.5 | 241 |
| 7 | | 77 | 77 | 348.0 | 271 |
| 8 | | 77 | 77 | 381.5 | 305 |
| 9 | | 77 | 77 | 418.3 | 342 |
| 10 | | 77 | 77 | 458.9 | 382 |
| 11 | | 77 | 77 | 503.5 | 427 |
| 12 | | 77 | 77 | 552.5 | 476 |
| 13 | | 77 | 77 | 606.4 | 530 |
| 14 | | 77 | 77 | 665.8 | 589 |
| 15 | | 77 | 77 | 731.1 | 655 |
| 16 | | 77 | 77 | 802.9 | 726 |
| 17 | | 77 | 77 | 881.9 | 805 |
| 18 | | 77 | 77 | 968.8 | 892 |
| 19 | | 77 | 77 | 1,064.3 | 988 |
| 20 | | 77 | 77 | 1,169.5 | 1,093 |
| IRR = #NUM! % | | | | | |

Table G.1.13 Calculation Table for IRR
(Nabinagar Upazila) (11/12)

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------------------|-------------|
| Upazila | NABINAGAR | | No. 41 | | |
| Name of Road | RR-39 | | | | |
| Length of Road | 7.5 Km | | | | |
| Cost | 37,922 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 127.5 | | |
| Benefit | T 164.0 | | | | |
| | A 2,009.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 37,922 | 0 | 37,922 | 0.0 | -37,922 |
| 2 | | 128 | 128 | 2,173.0 | 2,046 |
| 3 | | 128 | 128 | 2,373.9 | 2,246 |
| 4 | | 128 | 128 | 2,594.9 | 2,467 |
| 5 | | 128 | 128 | 2,838.0 | 2,710 |
| 6 | | 128 | 128 | 3,105.4 | 2,978 |
| 7 | | 128 | 128 | 3,399.5 | 3,272 |
| 8 | | 128 | 128 | 3,723.1 | 3,596 |
| 9 | | 128 | 128 | 4,079.0 | 3,951 |
| 10 | | 128 | 128 | 4,470.5 | 4,343 |
| 11 | | 128 | 128 | 4,901.1 | 4,774 |
| 12 | | 128 | 128 | 5,374.8 | 5,247 |
| 13 | | 128 | 128 | 5,895.9 | 5,768 |
| 14 | | 128 | 128 | 6,469.1 | 6,342 |
| 15 | | 128 | 128 | 7,099.6 | 6,972 |
| 16 | | 128 | 128 | 7,793.2 | 7,666 |
| 17 | | 128 | 128 | 8,556.1 | 8,429 |
| 18 | | 128 | 128 | 9,395.3 | 9,268 |
| 19 | | 128 | 128 | 10,318.4 | 10,191 |
| 20 | | 128 | 128 | 11,333.9 | 11,206 |
| IRR = | | 9 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------------------|-------------|
| Upazila | NABINAGAR | | No. 42 | | |
| Name of Road | RR-40 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 39,395 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 220.0 | | | | |
| | A 2,705.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 39,395 | 0 | 39,395 | 0.0 | -39,395 |
| 2 | | 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 | 3,684 |
| 6 | | 136 | 136 | 4,180.4 | 4,044 |
| 7 | | 136 | 136 | 4,576.4 | 4,440 |
| 8 | | 136 | 136 | 5,012.1 | 4,876 |
| 9 | | 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 | 7,100 |
| 13 | | 136 | 136 | 7,937.7 | 7,802 |
| 14 | | 136 | 136 | 8,709.4 | 8,573 |
| 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 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------------------|-------------|
| Upazila | NABINAGAR | | No. 43 | | |
| Name of Road | RR-41 | | | | |
| Length of Road | 4.5 Km | | | | |
| Cost | 26,742 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 76.5 | | |
| Benefit | T 17.0 | | | | |
| | A 649.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 26,742 | 0 | 26,742 | 0.0 | -26,742 |
| 2 | | 77 | 77 | 666.0 | 590 |
| 3 | | 77 | 77 | 730.9 | 654 |
| 4 | | 77 | 77 | 802.3 | 726 |
| 5 | | 77 | 77 | 880.8 | 804 |
| 6 | | 77 | 77 | 967.2 | 891 |
| 7 | | 77 | 77 | 1,062.2 | 986 |
| 8 | | 77 | 77 | 1,166.7 | 1,090 |
| 9 | | 77 | 77 | 1,281.7 | 1,205 |
| 10 | | 77 | 77 | 1,408.2 | 1,332 |
| 11 | | 77 | 77 | 1,547.3 | 1,471 |
| 12 | | 77 | 77 | 1,700.3 | 1,624 |
| 13 | | 77 | 77 | 1,868.7 | 1,792 |
| 14 | | 77 | 77 | 2,053.8 | 1,977 |
| 15 | | 77 | 77 | 2,257.5 | 2,181 |
| 16 | | 77 | 77 | 2,481.6 | 2,405 |
| 17 | | 77 | 77 | 2,728.0 | 2,652 |
| 18 | | 77 | 77 | 2,999.1 | 2,923 |
| 19 | | 77 | 77 | 3,297.4 | 3,221 |
| 20 | | 77 | 77 | 3,625.4 | 3,549 |
| IRR = | | 1 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------------------|-------------|
| Upazila | NABINAGAR | | No. 44 | | |
| Name of Road | RR-42 | | | | |
| Length of Road | 6.5 Km | | | | |
| Cost | 34,974 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 110.5 | | |
| Benefit | T 95.0 | | | | |
| | A 1,684.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 34,974 | 0 | 34,974 | 0.0 | -34,974 |
| 2 | | 111 | 111 | 1,779.0 | 1,669 |
| 3 | | 111 | 111 | 1,947.4 | 1,837 |
| 4 | | 111 | 111 | 2,132.6 | 2,022 |
| 5 | | 111 | 111 | 2,336.4 | 2,226 |
| 6 | | 111 | 111 | 2,560.5 | 2,450 |
| 7 | | 111 | 111 | 2,807.1 | 2,697 |
| 8 | | 111 | 111 | 3,078.3 | 2,968 |
| 9 | | 111 | 111 | 3,376.6 | 3,266 |
| 10 | | 111 | 111 | 3,704.8 | 3,594 |
| 11 | | 111 | 111 | 4,065.8 | 3,955 |
| 12 | | 111 | 111 | 4,462.9 | 4,352 |
| 13 | | 111 | 111 | 4,899.6 | 4,789 |
| 14 | | 111 | 111 | 5,380.1 | 5,270 |
| 15 | | 111 | 111 | 5,908.6 | 5,798 |
| 16 | | 111 | 111 | 6,490.0 | 6,379 |
| 17 | | 111 | 111 | 7,129.5 | 7,019 |
| 18 | | 111 | 111 | 7,832.9 | 7,722 |
| 19 | | 111 | 111 | 8,606.7 | 8,496 |
| 20 | | 111 | 111 | 9,457.9 | 9,347 |
| IRR = | | 7 % | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------------------|-------------|
| Upazila | NABINAGAR | | No. 45 | | |
| Name of Road | RR-43 | | | | |
| Length of Road | 4.0 Km | | | | |
| Cost | 20,811 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 68.0 | | |
| Benefit | T 26.0 | | | | |
| | A 438.0 | 10.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 20,811 | 0 | 20,811 | 0.0 | -20,811 |
| 2 | | 68 | 68 | 464.0 | 396 |
| 3 | | 68 | 68 | 507.8 | 440 |
| 4 | | 68 | 68 | 556.0 | 488 |
| 5 | | 68 | 68 | 609.0 | 541 |
| 6 | | 68 | 68 | 667.3 | 599 |
| 7 | | 68 | 68 | 731.4 | 663 |
| 8 | | 68 | 68 | 801.9 | 734 |
| 9 | | 68 | 68 | 879.5 | 812 |
| 10 | | 68 | 68 | 964.9 | 897 |
| 11 | | 68 | 68 | 1,058.8 | 991 |
| 12 | | 68 | 68 | 1,162.1 | 1,094 |
| 13 | | 68 | 68 | 1,275.7 | 1,208 |
| 14 | | 68 | 68 | 1,400.6 | 1,333 |
| 15 | | 68 | 68 | 1,538.1 | 1,470 |
| 16 | | 68 | 68 | 1,689.3 | 1,621 |
| 17 | | 68 | 68 | 1,855.6 | 1,788 |
| 18 | | 68 | 68 | 2,038.6 | 1,971 |
| 19 | | 68 | 68 | 2,239.9 | 2,172 |
| 20 | | 68 | 68 | 2,461.2 | 2,393 |
| IRR = 0 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------------------|-------------|
| Upazila | NABINAGAR | | No. | | |
| Name of Road | | | | | |
| Length of Road | 0.0 Km | | | | |
| Cost | 0 | | | | |
| Unit O&M Cost | 0.0 | O&M Cost | 0.0 | | |
| Benefit | T 0.0 | | | | |
| | A 0.0 | 0.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 0 | 0 | 0 | 0.0 | 0 |
| 2 | | 0 | 0 | 0.0 | 0 |
| 3 | | 0 | 0 | 0.0 | 0 |
| 4 | | 0 | 0 | 0.0 | 0 |
| 5 | | 0 | 0 | 0.0 | 0 |
| 6 | | 0 | 0 | 0.0 | 0 |
| 7 | | 0 | 0 | 0.0 | 0 |
| 8 | | 0 | 0 | 0.0 | 0 |
| 9 | | 0 | 0 | 0.0 | 0 |
| 10 | | 0 | 0 | 0.0 | 0 |
| 11 | | 0 | 0 | 0.0 | 0 |
| 12 | | 0 | 0 | 0.0 | 0 |
| 13 | | 0 | 0 | 0.0 | 0 |
| 14 | | 0 | 0 | 0.0 | 0 |
| 15 | | 0 | 0 | 0.0 | 0 |
| 16 | | 0 | 0 | 0.0 | 0 |
| 17 | | 0 | 0 | 0.0 | 0 |
| 18 | | 0 | 0 | 0.0 | 0 |
| 19 | | 0 | 0 | 0.0 | 0 |
| 20 | | 0 | 0 | 0.0 | 0 |
| IRR = #NUM! % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------------------|-------------|
| Upazila | NABINAGAR | | No. | | |
| Name of Road | | | | | |
| Length of Road | 0.0 Km | | | | |
| Cost | 0 | | | | |
| Unit O&M Cost | 0.0 | O&M Cost | 0.0 | | |
| Benefit | T 0.0 | | | | |
| | A 0.0 | 0.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 0 | 0 | 0 | 0.0 | 0 |
| 2 | | 0 | 0 | 0.0 | 0 |
| 3 | | 0 | 0 | 0.0 | 0 |
| 4 | | 0 | 0 | 0.0 | 0 |
| 5 | | 0 | 0 | 0.0 | 0 |
| 6 | | 0 | 0 | 0.0 | 0 |
| 7 | | 0 | 0 | 0.0 | 0 |
| 8 | | 0 | 0 | 0.0 | 0 |
| 9 | | 0 | 0 | 0.0 | 0 |
| 10 | | 0 | 0 | 0.0 | 0 |
| 11 | | 0 | 0 | 0.0 | 0 |
| 12 | | 0 | 0 | 0.0 | 0 |
| 13 | | 0 | 0 | 0.0 | 0 |
| 14 | | 0 | 0 | 0.0 | 0 |
| 15 | | 0 | 0 | 0.0 | 0 |
| 16 | | 0 | 0 | 0.0 | 0 |
| 17 | | 0 | 0 | 0.0 | 0 |
| 18 | | 0 | 0 | 0.0 | 0 |
| 19 | | 0 | 0 | 0.0 | 0 |
| 20 | | 0 | 0 | 0.0 | 0 |
| IRR = #NUM! % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|------------|---------------------|-------------|
| Upazila | NABINAGAR | | No. | | |
| Name of Road | | | | | |
| Length of Road | 0.0 Km | | | | |
| Cost | 0 | | | | |
| Unit O&M Cost | 0.0 | O&M Cost | 0.0 | | |
| Benefit | T 0.0 | | | | |
| | A 0.0 | 0.00 % | | (Unit : 1,000 Taka) | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 0 | 0 | 0 | 0.0 | 0 |
| 2 | | 0 | 0 | 0.0 | 0 |
| 3 | | 0 | 0 | 0.0 | 0 |
| 4 | | 0 | 0 | 0.0 | 0 |
| 5 | | 0 | 0 | 0.0 | 0 |
| 6 | | 0 | 0 | 0.0 | 0 |
| 7 | | 0 | 0 | 0.0 | 0 |
| 8 | | 0 | 0 | 0.0 | 0 |
| 9 | | 0 | 0 | 0.0 | 0 |
| 10 | | 0 | 0 | 0.0 | 0 |
| 11 | | 0 | 0 | 0.0 | 0 |
| 12 | | 0 | 0 | 0.0 | 0 |
| 13 | | 0 | 0 | 0.0 | 0 |
| 14 | | 0 | 0 | 0.0 | 0 |
| 15 | | 0 | 0 | 0.0 | 0 |
| 16 | | 0 | 0 | 0.0 | 0 |
| 17 | | 0 | 0 | 0.0 | 0 |
| 18 | | 0 | 0 | 0.0 | 0 |
| 19 | | 0 | 0 | 0.0 | 0 |
| 20 | | 0 | 0 | 0.0 | 0 |
| IRR = #NUM! % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|---------|------------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 1 | |
| Name of Road | | FB-1 | | Length of Road 22.4 Km | |
| Cost | | 121,206 | | | |
| Unit O&M Cost | | 20.0 | | O&M Cost 448.0 | |
| Benefit | | T 9,029.0 | | | |
| | | A 7,608.0 | | 10.00 % | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 121,206 | 0 | 121,206 | 0.0 | -121,206 |
| 2 | | 448 | 448 | 16,637.0 | 16,189 |
| 3 | | 448 | 448 | 17,397.8 | 16,950 |
| 4 | | 448 | 448 | 18,234.7 | 17,787 |
| 5 | | 448 | 448 | 19,155.2 | 18,707 |
| 6 | | 448 | 448 | 20,167.9 | 19,720 |
| 7 | | 448 | 448 | 21,281.8 | 20,834 |
| 8 | | 448 | 448 | 22,507.0 | 22,059 |
| 9 | | 448 | 448 | 23,854.8 | 23,407 |
| 10 | | 448 | 448 | 25,337.4 | 24,889 |
| 11 | | 448 | 448 | 26,968.3 | 26,520 |
| 12 | | 448 | 448 | 28,762.2 | 28,314 |
| 13 | | 448 | 448 | 30,735.5 | 30,288 |
| 14 | | 448 | 448 | 32,906.2 | 32,458 |
| 15 | | 448 | 448 | 35,293.9 | 34,846 |
| 16 | | 448 | 448 | 37,920.4 | 37,472 |
| 17 | | 448 | 448 | 40,809.5 | 40,362 |
| 18 | | 448 | 448 | 43,987.6 | 43,540 |
| 19 | | 448 | 448 | 47,483.4 | 47,035 |
| 20 | | 448 | 448 | 51,328.9 | 50,881 |
| IRR = | | 17 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|---------|------------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 2 | |
| Name of Road | | FB-2 | | Length of Road 19.2 Km | |
| Cost | | 119,366 | | | |
| Unit O&M Cost | | 20.0 | | O&M Cost 384.0 | |
| Benefit | | T 1,834.0 | | | |
| | | A 5,020.0 | | 10.00 % | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 119,366 | 0 | 119,366 | 0.0 | -119,366 |
| 2 | | 384 | 384 | 6,854.0 | 6,470 |
| 3 | | 384 | 384 | 7,356.0 | 6,972 |
| 4 | | 384 | 384 | 7,908.2 | 7,524 |
| 5 | | 384 | 384 | 8,515.6 | 8,132 |
| 6 | | 384 | 384 | 9,183.8 | 8,800 |
| 7 | | 384 | 384 | 9,918.8 | 9,535 |
| 8 | | 384 | 384 | 10,727.2 | 10,343 |
| 9 | | 384 | 384 | 11,616.6 | 11,233 |
| 10 | | 384 | 384 | 12,594.8 | 12,211 |
| 11 | | 384 | 384 | 13,670.9 | 13,287 |
| 12 | | 384 | 384 | 14,854.6 | 14,471 |
| 13 | | 384 | 384 | 16,156.6 | 15,773 |
| 14 | | 384 | 384 | 17,588.9 | 17,205 |
| 15 | | 384 | 384 | 19,164.4 | 18,780 |
| 16 | | 384 | 384 | 20,897.4 | 20,513 |
| 17 | | 384 | 384 | 22,803.8 | 22,420 |
| 18 | | 384 | 384 | 24,900.8 | 24,517 |
| 19 | | 384 | 384 | 27,207.4 | 26,823 |
| 20 | | 384 | 384 | 29,744.8 | 29,361 |
| IRR = | | 7 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|--------|------------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 3 | |
| Name of Road | | FB-3 | | Length of Road 19.2 Km | |
| Cost | | 86,207 | | | |
| Unit O&M Cost | | 20.0 | | O&M Cost 384.0 | |
| Benefit | | T 4,882.0 | | | |
| | | A 3,427.0 | | 10.00 % | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 86,207 | 0 | 86,207 | 0.0 | -86,207 |
| 2 | | 384 | 384 | 8,309.0 | 7,925 |
| 3 | | 384 | 384 | 8,651.7 | 8,268 |
| 4 | | 384 | 384 | 9,028.7 | 8,645 |
| 5 | | 384 | 384 | 9,443.3 | 9,059 |
| 6 | | 384 | 384 | 9,899.5 | 9,515 |
| 7 | | 384 | 384 | 10,401.2 | 10,017 |
| 8 | | 384 | 384 | 10,953.1 | 10,569 |
| 9 | | 384 | 384 | 11,560.3 | 11,176 |
| 10 | | 384 | 384 | 12,228.1 | 11,844 |
| 11 | | 384 | 384 | 12,962.7 | 12,579 |
| 12 | | 384 | 384 | 13,770.8 | 13,387 |
| 13 | | 384 | 384 | 14,659.6 | 14,276 |
| 14 | | 384 | 384 | 15,637.4 | 15,253 |
| 15 | | 384 | 384 | 16,712.9 | 16,329 |
| 16 | | 384 | 384 | 17,896.0 | 17,512 |
| 17 | | 384 | 384 | 19,197.4 | 18,813 |
| 18 | | 384 | 384 | 20,629.0 | 20,245 |
| 19 | | 384 | 384 | 22,203.7 | 21,820 |
| 20 | | 384 | 384 | 23,935.8 | 23,552 |
| IRR = | | 11 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|--------|------------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 4 | |
| Name of Road | | RR-1 | | Length of Road 11.2 Km | |
| Cost | | 46,771 | | | |
| Unit O&M Cost | | 17.0 | | O&M Cost 190.4 | |
| Benefit | | T 496.0 | | | |
| | | A 3,619.0 | | 10.00 % | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 46,771 | 0 | 46,771 | 0.0 | -46,771 |
| 2 | | 190 | 190 | 4,115.0 | 3,925 |
| 3 | | 190 | 190 | 4,476.9 | 4,287 |
| 4 | | 190 | 190 | 4,875.0 | 4,685 |
| 5 | | 190 | 190 | 5,312.9 | 5,122 |
| 6 | | 190 | 190 | 5,794.6 | 5,604 |
| 7 | | 190 | 190 | 6,324.4 | 6,134 |
| 8 | | 190 | 190 | 6,907.3 | 6,717 |
| 9 | | 190 | 190 | 7,548.4 | 7,358 |
| 10 | | 190 | 190 | 8,253.6 | 8,063 |
| 11 | | 190 | 190 | 9,029.4 | 8,839 |
| 12 | | 190 | 190 | 9,882.8 | 9,692 |
| 13 | | 190 | 190 | 10,821.4 | 10,631 |
| 14 | | 190 | 190 | 11,854.0 | 11,664 |
| 15 | | 190 | 190 | 12,989.8 | 12,799 |
| 16 | | 190 | 190 | 14,239.1 | 14,049 |
| 17 | | 190 | 190 | 15,613.5 | 15,423 |
| 18 | | 190 | 190 | 17,125.2 | 16,935 |
| 19 | | 190 | 190 | 18,788.1 | 18,598 |
| 20 | | 190 | 190 | 20,617.3 | 20,427 |
| IRR = | | 13 % | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|--------|-----------------------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 5 | |
| Name of Road | | RR-2 | | Length of Road 11.2 Km | |
| Cost | | 56,374 | | Unit O&M Cost 17.0 O&M Cost 190.4 | |
| Benefit | | T 195.0 | | A 1,494.0 10.00 % | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | Total | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | | | |
| 1 | 56,374 | 0 | 56,374 | 0.0 | -56,374 |
| 2 | | 190 | 190 | 1,689.0 | 1,499 |
| 3 | | 190 | 190 | 1,838.4 | 1,648 |
| 4 | | 190 | 190 | 2,002.7 | 1,812 |
| 5 | | 190 | 190 | 2,183.5 | 1,993 |
| 6 | | 190 | 190 | 2,382.4 | 2,192 |
| 7 | | 190 | 190 | 2,601.1 | 2,411 |
| 8 | | 190 | 190 | 2,841.7 | 2,651 |
| 9 | | 190 | 190 | 3,106.4 | 2,916 |
| 10 | | 190 | 190 | 3,397.5 | 3,207 |
| 11 | | 190 | 190 | 3,717.8 | 3,527 |
| 12 | | 190 | 190 | 4,070.1 | 3,880 |
| 13 | | 190 | 190 | 4,457.6 | 4,267 |
| 14 | | 190 | 190 | 4,883.8 | 4,693 |
| 15 | | 190 | 190 | 5,352.7 | 5,162 |
| 16 | | 190 | 190 | 5,868.5 | 5,678 |
| 17 | | 190 | 190 | 6,435.8 | 6,245 |
| 18 | | 190 | 190 | 7,059.9 | 6,869 |
| 19 | | 190 | 190 | 7,746.4 | 7,556 |
| 20 | | 190 | 190 | 8,501.5 | 8,311 |
| IRR = | | 2 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|--------|-----------------------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 6 | |
| Name of Road | | RR-3 | | Length of Road 6.4 Km | |
| Cost | | 19,456 | | Unit O&M Cost 17.0 O&M Cost 108.8 | |
| Benefit | | T 68.0 | | A 754.0 10.00 % | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | Total | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | | | |
| 1 | 19,456 | 0 | 19,456 | 0.0 | -19,456 |
| 2 | | 109 | 109 | 822.0 | 713 |
| 3 | | 109 | 109 | 897.4 | 789 |
| 4 | | 109 | 109 | 980.3 | 872 |
| 5 | | 109 | 109 | 1,071.6 | 963 |
| 6 | | 109 | 109 | 1,171.9 | 1,063 |
| 7 | | 109 | 109 | 1,282.3 | 1,174 |
| 8 | | 109 | 109 | 1,403.8 | 1,295 |
| 9 | | 109 | 109 | 1,537.3 | 1,429 |
| 10 | | 109 | 109 | 1,684.3 | 1,575 |
| 11 | | 109 | 109 | 1,845.9 | 1,737 |
| 12 | | 109 | 109 | 2,023.7 | 1,915 |
| 13 | | 109 | 109 | 2,219.2 | 2,110 |
| 14 | | 109 | 109 | 2,434.4 | 2,326 |
| 15 | | 109 | 109 | 2,671.0 | 2,562 |
| 16 | | 109 | 109 | 2,931.3 | 2,823 |
| 17 | | 109 | 109 | 3,217.6 | 3,109 |
| 18 | | 109 | 109 | 3,532.6 | 3,424 |
| 19 | | 109 | 109 | 3,879.1 | 3,770 |
| 20 | | 109 | 109 | 4,260.2 | 4,151 |
| IRR = | | 5 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|--------|-----------------------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 7 | |
| Name of Road | | RR-4 | | Length of Road 8.0 Km | |
| Cost | | 29,515 | | Unit O&M Cost 17.0 O&M Cost 136.0 | |
| Benefit | | T 69.0 | | A 499.0 10.00 % | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | Total | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | | | |
| 1 | 29,515 | 0 | 29,515 | 0.0 | -29,515 |
| 2 | | 136 | 136 | 568.0 | 432 |
| 3 | | 136 | 136 | 617.9 | 482 |
| 4 | | 136 | 136 | 672.8 | 537 |
| 5 | | 136 | 136 | 733.2 | 597 |
| 6 | | 136 | 136 | 799.6 | 664 |
| 7 | | 136 | 136 | 872.6 | 737 |
| 8 | | 136 | 136 | 953.0 | 817 |
| 9 | | 136 | 136 | 1,041.4 | 905 |
| 10 | | 136 | 136 | 1,138.7 | 1,003 |
| 11 | | 136 | 136 | 1,245.6 | 1,110 |
| 12 | | 136 | 136 | 1,363.3 | 1,227 |
| 13 | | 136 | 136 | 1,492.7 | 1,357 |
| 14 | | 136 | 136 | 1,635.1 | 1,499 |
| 15 | | 136 | 136 | 1,791.7 | 1,656 |
| 16 | | 136 | 136 | 1,964.0 | 1,828 |
| 17 | | 136 | 136 | 2,153.4 | 2,017 |
| 18 | | 136 | 136 | 2,361.9 | 2,226 |
| 19 | | 136 | 136 | 2,591.2 | 2,455 |
| 20 | | 136 | 136 | 2,843.4 | 2,707 |
| IRR = | | -2 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|--------|-----------------------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 8 | |
| Name of Road | | RR-5 | | Length of Road 8.0 Km | |
| Cost | | 21,667 | | Unit O&M Cost 17.0 O&M Cost 136.0 | |
| Benefit | | T 133.0 | | A 1,290.0 10.00 % | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | Total | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | | | |
| 1 | 21,667 | 0 | 21,667 | 0.0 | -21,667 |
| 2 | | 136 | 136 | 1,423.0 | 1,287 |
| 3 | | 136 | 136 | 1,552.0 | 1,416 |
| 4 | | 136 | 136 | 1,693.9 | 1,558 |
| 5 | | 136 | 136 | 1,850.0 | 1,714 |
| 6 | | 136 | 136 | 2,021.7 | 1,886 |
| 7 | | 136 | 136 | 2,210.6 | 2,075 |
| 8 | | 136 | 136 | 2,418.3 | 2,282 |
| 9 | | 136 | 136 | 2,646.8 | 2,511 |
| 10 | | 136 | 136 | 2,898.2 | 2,762 |
| 11 | | 136 | 136 | 3,174.8 | 3,039 |
| 12 | | 136 | 136 | 3,478.9 | 3,343 |
| 13 | | 136 | 136 | 3,813.5 | 3,678 |
| 14 | | 136 | 136 | 4,181.6 | 4,046 |
| 15 | | 136 | 136 | 4,586.4 | 4,450 |
| 16 | | 136 | 136 | 5,031.8 | 4,896 |
| 17 | | 136 | 136 | 5,521.7 | 5,386 |
| 18 | | 136 | 136 | 6,060.5 | 5,925 |
| 19 | | 136 | 136 | 6,653.3 | 6,517 |
| 20 | | 136 | 136 | 7,305.3 | 7,169 |
| IRR = | | 10 % | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | BANCHARAMPUR | | No. | 9 | |
| Name of Road | RR-6 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 30,902 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 206.0 | | | | |
| | A 1,468.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 30,902 | 0 | 30,902 | 0.0 | -30,902 |
| 2 | | 136 | 136 | 1,674.0 | 1,538 |
| 3 | | 136 | 136 | 1,820.8 | 1,685 |
| 4 | | 136 | 136 | 1,982.3 | 1,846 |
| 5 | | 136 | 136 | 2,159.9 | 2,024 |
| 6 | | 136 | 136 | 2,355.3 | 2,219 |
| 7 | | 136 | 136 | 2,570.2 | 2,434 |
| 8 | | 136 | 136 | 2,806.7 | 2,671 |
| 9 | | 136 | 136 | 3,066.7 | 2,931 |
| 10 | | 136 | 136 | 3,352.8 | 3,217 |
| 11 | | 136 | 136 | 3,667.5 | 3,531 |
| 12 | | 136 | 136 | 4,013.6 | 3,878 |
| 13 | | 136 | 136 | 4,394.4 | 4,258 |
| 14 | | 136 | 136 | 4,813.2 | 4,677 |
| 15 | | 136 | 136 | 5,273.9 | 5,138 |
| 16 | | 136 | 136 | 5,780.7 | 5,645 |
| 17 | | 136 | 136 | 6,338.2 | 6,202 |
| 18 | | 136 | 136 | 6,951.4 | 6,815 |
| 19 | | 136 | 136 | 7,626.0 | 7,490 |
| 20 | | 136 | 136 | 8,368.0 | 8,232 |
| IRR = 8 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | BANCHARAMPUR | | No. | 10 | |
| Name of Road | RR-7 | | | | |
| Length of Road | 12.8 Km | | | | |
| Cost | 34,763 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 217.6 | | |
| Benefit | T 375.0 | | | | |
| | A 1,888.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 34,763 | 0 | 34,763 | 0.0 | -34,763 |
| 2 | | 218 | 218 | 2,263.0 | 2,045 |
| 3 | | 218 | 218 | 2,451.8 | 2,234 |
| 4 | | 218 | 218 | 2,659.5 | 2,442 |
| 5 | | 218 | 218 | 2,887.9 | 2,670 |
| 6 | | 218 | 218 | 3,139.2 | 2,922 |
| 7 | | 218 | 218 | 3,415.6 | 3,198 |
| 8 | | 218 | 218 | 3,719.7 | 3,502 |
| 9 | | 218 | 218 | 4,054.2 | 3,837 |
| 10 | | 218 | 218 | 4,422.1 | 4,204 |
| 11 | | 218 | 218 | 4,826.8 | 4,609 |
| 12 | | 218 | 218 | 5,272.0 | 5,054 |
| 13 | | 218 | 218 | 5,761.7 | 5,544 |
| 14 | | 218 | 218 | 6,300.4 | 6,083 |
| 15 | | 218 | 218 | 6,892.9 | 6,675 |
| 16 | | 218 | 218 | 7,544.7 | 7,327 |
| 17 | | 218 | 218 | 8,261.6 | 8,044 |
| 18 | | 218 | 218 | 9,050.3 | 8,833 |
| 19 | | 218 | 218 | 9,917.3 | 9,700 |
| 20 | | 218 | 218 | 10,872.1 | 10,655 |
| IRR = 9 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | BANCHARAMPUR | | No. | 11 | |
| Name of Road | RR-8 | | | | |
| Length of Road | 8.0 Km | | | | |
| Cost | 25,306 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 136.0 | | |
| Benefit | T 70.0 | | | | |
| | A 829.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 25,306 | 0 | 25,306 | 0.0 | -25,306 |
| 2 | | 136 | 136 | 899.0 | 763 |
| 3 | | 136 | 136 | 981.9 | 846 |
| 4 | | 136 | 136 | 1,073.1 | 937 |
| 5 | | 136 | 136 | 1,173.4 | 1,037 |
| 6 | | 136 | 136 | 1,283.7 | 1,148 |
| 7 | | 136 | 136 | 1,405.1 | 1,269 |
| 8 | | 136 | 136 | 1,538.6 | 1,403 |
| 9 | | 136 | 136 | 1,685.5 | 1,549 |
| 10 | | 136 | 136 | 1,847.0 | 1,711 |
| 11 | | 136 | 136 | 2,024.7 | 1,889 |
| 12 | | 136 | 136 | 2,220.2 | 2,084 |
| 13 | | 136 | 136 | 2,435.2 | 2,299 |
| 14 | | 136 | 136 | 2,671.8 | 2,536 |
| 15 | | 136 | 136 | 2,931.9 | 2,796 |
| 16 | | 136 | 136 | 3,218.1 | 3,082 |
| 17 | | 136 | 136 | 3,532.9 | 3,397 |
| 18 | | 136 | 136 | 3,879.2 | 3,743 |
| 19 | | 136 | 136 | 4,260.2 | 4,124 |
| 20 | | 136 | 136 | 4,679.2 | 4,543 |
| IRR = 4 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | BANCHARAMPUR | | No. | 12 | |
| Name of Road | RR-9 | | | | |
| Length of Road | 19.2 Km | | | | |
| Cost | 71,180 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 326.4 | | |
| Benefit | T 1,001.0 | | | | |
| | A 3,469.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 71,180 | 0 | 71,180 | 0.0 | -71,180 |
| 2 | | 326 | 326 | 4,470.0 | 4,144 |
| 3 | | 326 | 326 | 4,816.9 | 4,491 |
| 4 | | 326 | 326 | 5,198.5 | 4,872 |
| 5 | | 326 | 326 | 5,618.2 | 5,292 |
| 6 | | 326 | 326 | 6,080.0 | 5,754 |
| 7 | | 326 | 326 | 6,587.9 | 6,261 |
| 8 | | 326 | 326 | 7,146.5 | 6,820 |
| 9 | | 326 | 326 | 7,761.1 | 7,435 |
| 10 | | 326 | 326 | 8,437.1 | 8,111 |
| 11 | | 326 | 326 | 9,180.7 | 8,854 |
| 12 | | 326 | 326 | 9,998.7 | 9,672 |
| 13 | | 326 | 326 | 10,898.5 | 10,572 |
| 14 | | 326 | 326 | 11,888.2 | 11,562 |
| 15 | | 326 | 326 | 12,976.9 | 12,651 |
| 16 | | 326 | 326 | 14,174.5 | 13,848 |
| 17 | | 326 | 326 | 15,491.9 | 15,165 |
| 18 | | 326 | 326 | 16,941.0 | 16,615 |
| 19 | | 326 | 326 | 18,535.0 | 18,209 |
| 20 | | 326 | 326 | 20,288.4 | 19,962 |
| IRR = 9 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|------------|-----------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 13 | |
| Name of Road | | RR-10 | | Length of Road 9.6 Km | |
| Cost | | 38,579 | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 163.2 |
| Benefit | | T 253.0 | | | |
| | | A 1,541.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 38,579 | 0 | 38,579 | 0.0 | -38,579 |
| 2 | | 163 | 163 | 1,794.0 | 1,631 |
| 3 | | 163 | 163 | 1,948.1 | 1,785 |
| 4 | | 163 | 163 | 2,117.6 | 1,954 |
| 5 | | 163 | 163 | 2,304.1 | 2,141 |
| 6 | | 163 | 163 | 2,509.2 | 2,346 |
| 7 | | 163 | 163 | 2,734.8 | 2,572 |
| 8 | | 163 | 163 | 2,983.0 | 2,820 |
| 9 | | 163 | 163 | 3,256.0 | 3,093 |
| 10 | | 163 | 163 | 3,556.3 | 3,393 |
| 11 | | 163 | 163 | 3,886.6 | 3,723 |
| 12 | | 163 | 163 | 4,250.0 | 4,087 |
| 13 | | 163 | 163 | 4,649.7 | 4,486 |
| 14 | | 163 | 163 | 5,089.3 | 4,926 |
| 15 | | 163 | 163 | 5,572.9 | 5,410 |
| 16 | | 163 | 163 | 6,104.9 | 5,942 |
| 17 | | 163 | 163 | 6,690.1 | 6,527 |
| 18 | | 163 | 163 | 7,333.9 | 7,171 |
| 19 | | 163 | 163 | 8,041.9 | 7,879 |
| 20 | | 163 | 163 | 8,820.8 | 8,658 |
| IRR = | | 6 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|------------|-----------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 14 | |
| Name of Road | | RR-11 | | Length of Road 6.4 Km | |
| Cost | | 29,635 | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 108.8 |
| Benefit | | T 98.0 | | | |
| | | A 1,307.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 29,635 | 0 | 29,635 | 0.0 | -29,635 |
| 2 | | 109 | 109 | 1,405.0 | 1,296 |
| 3 | | 109 | 109 | 1,535.7 | 1,427 |
| 4 | | 109 | 109 | 1,679.5 | 1,571 |
| 5 | | 109 | 109 | 1,837.6 | 1,729 |
| 6 | | 109 | 109 | 2,011.6 | 1,903 |
| 7 | | 109 | 109 | 2,202.9 | 2,094 |
| 8 | | 109 | 109 | 2,413.4 | 2,305 |
| 9 | | 109 | 109 | 2,645.0 | 2,536 |
| 10 | | 109 | 109 | 2,899.7 | 2,791 |
| 11 | | 109 | 109 | 3,179.8 | 3,071 |
| 12 | | 109 | 109 | 3,488.0 | 3,379 |
| 13 | | 109 | 109 | 3,827.0 | 3,718 |
| 14 | | 109 | 109 | 4,199.9 | 4,091 |
| 15 | | 109 | 109 | 4,610.1 | 4,501 |
| 16 | | 109 | 109 | 5,061.3 | 4,953 |
| 17 | | 109 | 109 | 5,557.7 | 5,449 |
| 18 | | 109 | 109 | 6,103.6 | 5,995 |
| 19 | | 109 | 109 | 6,704.2 | 6,595 |
| 20 | | 109 | 109 | 7,364.8 | 7,256 |
| IRR = | | 7 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|------------|-----------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 15 | |
| Name of Road | | RR-12 | | Length of Road 6.4 Km | |
| Cost | | 27,262 | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 108.8 |
| Benefit | | T 557.0 | | | |
| | | A 1,984.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 27,262 | 0 | 27,262 | 0.0 | -27,262 |
| 2 | | 109 | 109 | 2,541.0 | 2,432 |
| 3 | | 109 | 109 | 2,739.4 | 2,631 |
| 4 | | 109 | 109 | 2,957.6 | 2,849 |
| 5 | | 109 | 109 | 3,197.7 | 3,089 |
| 6 | | 109 | 109 | 3,461.8 | 3,353 |
| 7 | | 109 | 109 | 3,752.3 | 3,643 |
| 8 | | 109 | 109 | 4,071.8 | 3,963 |
| 9 | | 109 | 109 | 4,423.3 | 4,314 |
| 10 | | 109 | 109 | 4,809.9 | 4,701 |
| 11 | | 109 | 109 | 5,235.2 | 5,126 |
| 12 | | 109 | 109 | 5,703.0 | 5,594 |
| 13 | | 109 | 109 | 6,217.6 | 6,109 |
| 14 | | 109 | 109 | 6,783.6 | 6,675 |
| 15 | | 109 | 109 | 7,406.3 | 7,298 |
| 16 | | 109 | 109 | 8,091.2 | 7,982 |
| 17 | | 109 | 109 | 8,844.7 | 8,736 |
| 18 | | 109 | 109 | 9,673.4 | 9,565 |
| 19 | | 109 | 109 | 10,585.1 | 10,476 |
| 20 | | 109 | 109 | 11,587.9 | 11,479 |
| IRR = | | 14 % | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|------------|-----------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 16 | |
| Name of Road | | RR-13 | | Length of Road 8.0 Km | |
| Cost | | 19,468 | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 136.0 |
| Benefit | | T 67.0 | | | |
| | | A 612.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 19,468 | 0 | 19,468 | 0.0 | -19,468 |
| 2 | | 136 | 136 | 679.0 | 543 |
| 3 | | 136 | 136 | 740.2 | 604 |
| 4 | | 136 | 136 | 807.5 | 672 |
| 5 | | 136 | 136 | 881.6 | 746 |
| 6 | | 136 | 136 | 963.0 | 827 |
| 7 | | 136 | 136 | 1,052.6 | 917 |
| 8 | | 136 | 136 | 1,151.2 | 1,015 |
| 9 | | 136 | 136 | 1,259.6 | 1,124 |
| 10 | | 136 | 136 | 1,378.9 | 1,243 |
| 11 | | 136 | 136 | 1,510.1 | 1,374 |
| 12 | | 136 | 136 | 1,654.4 | 1,518 |
| 13 | | 136 | 136 | 1,813.1 | 1,677 |
| 14 | | 136 | 136 | 1,987.7 | 1,852 |
| 15 | | 136 | 136 | 2,179.8 | 2,044 |
| 16 | | 136 | 136 | 2,391.1 | 2,255 |
| 17 | | 136 | 136 | 2,623.5 | 2,487 |
| 18 | | 136 | 136 | 2,879.1 | 2,743 |
| 19 | | 136 | 136 | 3,160.3 | 3,024 |
| 20 | | 136 | 136 | 3,469.7 | 3,334 |
| IRR = | | 3 % | | | |

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

| Cost and Benefit Stream | | | | | |
|---|-------------------|------------------|----------------|----------|--------------|
| Upazila BANCHARAMPUR No. <u>17</u> | | | | | |
| Name of Road RR-14 | | | | | |
| Length of Road 9.6 Km | | | | | |
| Cost 43,006 | | | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 163.2 |
| Benefit | | T 124.0 | | | |
| | | A 2,167.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | Total | Benefit | Net Benefit |
| | Construction Cost | O&M 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 |
| 5 | | 163 | 163 | 3,008.3 | 2,845 |
| 6 | | 163 | 163 | 3,296.7 | 3,134 |
| 7 | | 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 |
| 11 | | 163 | 163 | 5,233.7 | 5,070 |
| 12 | | 163 | 163 | 5,744.6 | 5,581 |
| 13 | | 163 | 163 | 6,306.7 | 6,144 |
| 14 | | 163 | 163 | 6,925.0 | 6,762 |
| 15 | | 163 | 163 | 7,605.1 | 7,442 |
| 16 | | 163 | 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 |
| IRR = | | 8 % | | | |

| Cost and Benefit Stream | | | | | |
|---|-------------------|----------------|----------------|---------|--------------|
| Upazila BANCHARAMPUR No. <u>18</u> | | | | | |
| Name of Road RR-15 | | | | | |
| Length of Road 9.6 Km | | | | | |
| Cost 43,104 | | | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 163.2 |
| Benefit | | T 134.0 | | | |
| | | A 949.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | Total | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | | | |
| 1 | 43,104 | 0 | 43,104 | 0.0 | -43,104 |
| 2 | | 163 | 163 | 1,083.0 | 920 |
| 3 | | 163 | 163 | 1,177.9 | 1,015 |
| 4 | | 163 | 163 | 1,282.3 | 1,119 |
| 5 | | 163 | 163 | 1,397.1 | 1,234 |
| 6 | | 163 | 163 | 1,523.4 | 1,360 |
| 7 | | 163 | 163 | 1,662.4 | 1,499 |
| 8 | | 163 | 163 | 1,815.2 | 1,652 |
| 9 | | 163 | 163 | 1,983.3 | 1,820 |
| 10 | | 163 | 163 | 2,168.3 | 2,005 |
| 11 | | 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 | | 163 | 163 | 5,410.4 | 5,247 |
| IRR = | | 0 % | | | |

| Cost and Benefit Stream | | | | | |
|---|-------------------|------------------|----------------|----------|--------------|
| Upazila BANCHARAMPUR No. <u>19</u> | | | | | |
| Name of Road RR-16 | | | | | |
| Length of Road 9.6 Km | | | | | |
| Cost 48,586 | | | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 163.2 |
| Benefit | | T 137.0 | | | |
| | | A 2,142.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | Total | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | | | |
| 1 | 48,586 | 0 | 48,586 | 0.0 | -48,586 |
| 2 | | 163 | 163 | 2,279.0 | 2,116 |
| 3 | | 163 | 163 | 2,493.2 | 2,330 |
| 4 | | 163 | 163 | 2,728.8 | 2,566 |
| 5 | | 163 | 163 | 2,988.0 | 2,825 |
| 6 | | 163 | 163 | 3,273.1 | 3,110 |
| 7 | | 163 | 163 | 3,586.7 | 3,424 |
| 8 | | 163 | 163 | 3,931.7 | 3,768 |
| 9 | | 163 | 163 | 4,311.2 | 4,148 |
| 10 | | 163 | 163 | 4,728.6 | 4,565 |
| 11 | | 163 | 163 | 5,187.7 | 5,025 |
| 12 | | 163 | 163 | 5,692.8 | 5,530 |
| 13 | | 163 | 163 | 6,248.4 | 6,085 |
| 14 | | 163 | 163 | 6,859.5 | 6,696 |
| 15 | | 163 | 163 | 7,531.8 | 7,369 |
| 16 | | 163 | 163 | 8,271.2 | 8,108 |
| 17 | | 163 | 163 | 9,084.7 | 8,921 |
| 18 | | 163 | 163 | 9,979.4 | 9,816 |
| 19 | | 163 | 163 | 10,963.7 | 10,800 |
| 20 | | 163 | 163 | 12,046.3 | 11,883 |
| IRR = | | 7 % | | | |

| Cost and Benefit Stream | | | | | |
|---|-------------------|------------------|----------------|---------|--------------|
| Upazila BANCHARAMPUR No. <u>20</u> | | | | | |
| Name of Road RR-17 | | | | | |
| Length of Road 6.4 Km | | | | | |
| Cost 26,074 | | | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 108.8 |
| Benefit | | T 15.0 | | | |
| | | A 131.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Cost | | Total | Benefit | Net Benefit |
| | Construction Cost | O&M Cost | | | |
| 1 | 26,074 | 0 | 26,074 | 0.0 | -26,074 |
| 2 | | 109 | 109 | 146.0 | 37 |
| 3 | | 109 | 109 | 159.1 | 50 |
| 4 | | 109 | 109 | 173.5 | 65 |
| 5 | | 109 | 109 | 189.4 | 81 |
| 6 | | 109 | 109 | 206.8 | 98 |
| 7 | | 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 |
| 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 |
| IRR = | | #DIV/0! % | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|------------|-----------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 21 | |
| Name of Road | | RR-18 | | Length of Road 6.4 Km | |
| Cost | | 26,071 | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 108.8 |
| Benefit | | T 28.0 | | | |
| | | A 250.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 26,071 | 0 | 26,071 | 0.0 | -26,071 |
| 2 | | 109 | 109 | 278.0 | 169 |
| 3 | | 109 | 109 | 303.0 | 194 |
| 4 | | 109 | 109 | 330.5 | 222 |
| 5 | | 109 | 109 | 360.8 | 252 |
| 6 | | 109 | 109 | 394.0 | 285 |
| 7 | | 109 | 109 | 430.6 | 322 |
| 8 | | 109 | 109 | 470.9 | 362 |
| 9 | | 109 | 109 | 515.2 | 406 |
| 10 | | 109 | 109 | 563.9 | 455 |
| 11 | | 109 | 109 | 617.5 | 509 |
| 12 | | 109 | 109 | 676.4 | 568 |
| 13 | | 109 | 109 | 741.3 | 632 |
| 14 | | 109 | 109 | 812.6 | 704 |
| 15 | | 109 | 109 | 891.1 | 782 |
| 16 | | 109 | 109 | 977.4 | 869 |
| 17 | | 109 | 109 | 1,072.3 | 964 |
| 18 | | 109 | 109 | 1,176.7 | 1,068 |
| 19 | | 109 | 109 | 1,291.6 | 1,183 |
| 20 | | 109 | 109 | 1,418.0 | 1,309 |
| IRR = #NUM! % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|------------|-----------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 22 | |
| Name of Road | | RR-19 | | Length of Road 3.2 Km | |
| Cost | | 12,751 | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 54.4 |
| Benefit | | T 19.0 | | | |
| | | A 498.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 12,751 | 0 | 12,751 | 0.0 | -12,751 |
| 2 | | 54 | 54 | 517.0 | 463 |
| 3 | | 54 | 54 | 566.8 | 512 |
| 4 | | 54 | 54 | 621.6 | 567 |
| 5 | | 54 | 54 | 681.8 | 627 |
| 6 | | 54 | 54 | 748.1 | 694 |
| 7 | | 54 | 54 | 821.0 | 767 |
| 8 | | 54 | 54 | 901.2 | 847 |
| 9 | | 54 | 54 | 989.5 | 935 |
| 10 | | 54 | 54 | 1,086.5 | 1,032 |
| 11 | | 54 | 54 | 1,193.3 | 1,139 |
| 12 | | 54 | 54 | 1,310.7 | 1,256 |
| 13 | | 54 | 54 | 1,439.9 | 1,385 |
| 14 | | 54 | 54 | 1,581.9 | 1,528 |
| 15 | | 54 | 54 | 1,738.2 | 1,684 |
| 16 | | 54 | 54 | 1,910.2 | 1,856 |
| 17 | | 54 | 54 | 2,099.3 | 2,045 |
| 18 | | 54 | 54 | 2,307.3 | 2,253 |
| 19 | | 54 | 54 | 2,536.1 | 2,482 |
| 20 | | 54 | 54 | 2,787.8 | 2,733 |
| IRR = 5 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|------------|-----------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 23 | |
| Name of Road | | RR-20 | | Length of Road 3.2 Km | |
| Cost | | 14,595 | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 54.4 |
| Benefit | | T 27.0 | | | |
| | | A 612.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 14,595 | 0 | 14,595 | 0.0 | -14,595 |
| 2 | | 54 | 54 | 639.0 | 585 |
| 3 | | 54 | 54 | 700.2 | 646 |
| 4 | | 54 | 54 | 767.5 | 713 |
| 5 | | 54 | 54 | 841.6 | 787 |
| 6 | | 54 | 54 | 923.0 | 869 |
| 7 | | 54 | 54 | 1,012.6 | 958 |
| 8 | | 54 | 54 | 1,111.2 | 1,057 |
| 9 | | 54 | 54 | 1,219.6 | 1,165 |
| 10 | | 54 | 54 | 1,338.9 | 1,284 |
| 11 | | 54 | 54 | 1,470.1 | 1,416 |
| 12 | | 54 | 54 | 1,614.4 | 1,560 |
| 13 | | 54 | 54 | 1,773.1 | 1,719 |
| 14 | | 54 | 54 | 1,947.7 | 1,893 |
| 15 | | 54 | 54 | 2,139.8 | 2,085 |
| 16 | | 54 | 54 | 2,351.1 | 2,297 |
| 17 | | 54 | 54 | 2,583.5 | 2,529 |
| 18 | | 54 | 54 | 2,839.1 | 2,785 |
| 19 | | 54 | 54 | 3,120.3 | 3,066 |
| 20 | | 54 | 54 | 3,429.7 | 3,375 |
| IRR = 6 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|--------------|------------|-----------------------|-------------|
| Upazila | | BANCHARAMPUR | | No. 24 | |
| Name of Road | | RR-21 | | Length of Road 4.8 Km | |
| Cost | | 19,428 | | | |
| Unit O&M Cost | | 17.0 | O&M Cost | | 81.6 |
| Benefit | | T 34.0 | | | |
| | | A 576.0 | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total Cost | Benefit | Net Benefit |
| 1 | 19,428 | 0 | 19,428 | 0.0 | -19,428 |
| 2 | | 82 | 82 | 610.0 | 528 |
| 3 | | 82 | 82 | 667.6 | 586 |
| 4 | | 82 | 82 | 731.0 | 649 |
| 5 | | 82 | 82 | 800.7 | 719 |
| 6 | | 82 | 82 | 877.3 | 796 |
| 7 | | 82 | 82 | 961.7 | 880 |
| 8 | | 82 | 82 | 1,054.4 | 973 |
| 9 | | 82 | 82 | 1,156.5 | 1,075 |
| 10 | | 82 | 82 | 1,268.7 | 1,187 |
| 11 | | 82 | 82 | 1,392.2 | 1,311 |
| 12 | | 82 | 82 | 1,528.0 | 1,446 |
| 13 | | 82 | 82 | 1,677.4 | 1,596 |
| 14 | | 82 | 82 | 1,841.7 | 1,760 |
| 15 | | 82 | 82 | 2,022.5 | 1,941 |
| 16 | | 82 | 82 | 2,221.4 | 2,140 |
| 17 | | 82 | 82 | 2,440.1 | 2,358 |
| 18 | | 82 | 82 | 2,680.7 | 2,599 |
| 19 | | 82 | 82 | 2,945.4 | 2,864 |
| 20 | | 82 | 82 | 3,236.5 | 3,155 |
| IRR = 3 % | | | | | |

Table G.1.13 Calculation Table for IRR
(Debidwar Upazila) (1/5)

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------------|----------|---------|----------|-------------|
| Upazila | DEBIDWAR | | No. 1 | | |
| Name of Road | FB ; Madhy-Companygonji | | | | |
| Length of Road | 16.4 Km | | | | |
| Cost | 88,128 | | | | |
| Unit O&M Cost | 20.0 | O&M Cost | 328.0 | | |
| Benefit | T 1,499.0 | | | | |
| | A 3,146.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 88,128 | 0 | 88,128 | 0.0 | -88,128 |
| 2 | | 328 | 328 | 4,645.0 | 4,317 |
| 3 | | 328 | 328 | 4,959.6 | 4,632 |
| 4 | | 328 | 328 | 5,305.7 | 4,978 |
| 5 | | 328 | 328 | 5,686.3 | 5,358 |
| 6 | | 328 | 328 | 6,105.1 | 5,777 |
| 7 | | 328 | 328 | 6,565.7 | 6,238 |
| 8 | | 328 | 328 | 7,072.3 | 6,744 |
| 9 | | 328 | 328 | 7,629.7 | 7,302 |
| 10 | | 328 | 328 | 8,242.7 | 7,915 |
| 11 | | 328 | 328 | 8,917.1 | 8,589 |
| 12 | | 328 | 328 | 9,658.9 | 9,331 |
| 13 | | 328 | 328 | 10,474.9 | 10,147 |
| 14 | | 328 | 328 | 11,372.5 | 11,044 |
| 15 | | 328 | 328 | 12,359.8 | 12,032 |
| 16 | | 328 | 328 | 13,445.9 | 13,118 |
| 17 | | 328 | 328 | 14,640.6 | 14,313 |
| 18 | | 328 | 328 | 15,954.8 | 15,627 |
| 19 | | 328 | 328 | 17,400.4 | 17,072 |
| 20 | | 328 | 328 | 18,990.5 | 18,662 |
| IRR = 6 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|------------------------|----------|---------|----------|-------------|
| Upazila | DEBIDWAR | | No. 2 | | |
| Name of Road | FB- Kalikapur-Istagram | | | | |
| Length of Road | 12.0 Km | | | | |
| Cost | 69,674 | | | | |
| Unit O&M Cos | 20.0 | O&M Cost | 240.0 | | |
| Benefit | T 796.0 | | | | |
| | A 5,514.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 69,674 | 0 | 69,674 | 0.0 | -69,674 |
| 2 | | 240 | 240 | 6,310.0 | 6,070 |
| 3 | | 252 | 252 | 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 |
| 11 | | 372 | 372 | 13,797.7 | 13,425 |
| 12 | | 391 | 391 | 15,097.9 | 14,707 |
| 13 | | 410 | 410 | 16,528.1 | 16,118 |
| 14 | | 431 | 431 | 18,101.3 | 17,670 |
| 15 | | 453 | 453 | 19,831.8 | 19,379 |
| 16 | | 475 | 475 | 21,735.4 | 21,260 |
| 17 | | 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 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | | | No. 3 | | |
| Name of Road | FB | | | | |
| Length of Road | 8.2 Km | | | | |
| Cost | 55,465 | | | | |
| Unit O&M Cost | 20.0 | O&M Cost | 164.0 | | |
| Benefit | T 180.0 | | | | |
| | A 1,992.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 55,465 | 0 | 55,465 | 0.0 | -55,465 |
| 2 | | 164 | 164 | 2,172.0 | 2,008 |
| 3 | | 172 | 172 | 2,371.2 | 2,199 |
| 4 | | 181 | 181 | 2,590.3 | 2,410 |
| 5 | | 190 | 190 | 2,831.4 | 2,642 |
| 6 | | 199 | 199 | 3,096.5 | 2,897 |
| 7 | | 209 | 209 | 3,388.1 | 3,179 |
| 8 | | 220 | 220 | 3,708.9 | 3,489 |
| 9 | | 231 | 231 | 4,061.8 | 3,831 |
| 10 | | 242 | 242 | 4,450.0 | 4,208 |
| 11 | | 254 | 254 | 4,877.0 | 4,623 |
| 12 | | 267 | 267 | 5,346.7 | 5,080 |
| 13 | | 280 | 280 | 5,863.4 | 5,583 |
| 14 | | 295 | 295 | 6,431.7 | 6,137 |
| 15 | | 309 | 309 | 7,056.9 | 6,748 |
| 16 | | 325 | 325 | 7,744.6 | 7,420 |
| 17 | | 341 | 341 | 8,501.1 | 8,160 |
| 18 | | 358 | 358 | 9,333.2 | 8,975 |
| 19 | | 376 | 376 | 10,248.5 | 9,873 |
| 20 | | 395 | 395 | 11,255.4 | 10,861 |
| IRR = 5 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | | | No. 4 | | |
| Name of Road | | | | | |
| Length of Road | 16.8 Km | | | | |
| Cost | 64,731 | | | | |
| Unit O&M Cos | 17.0 | O&M Cost | 285.6 | | |
| Benefit | T 914.0 | | | | |
| | A 3,515.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 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 |
| 19 | | 655 | 655 | 18,680.5 | 18,026 |
| 20 | | 687 | 687 | 20,457.1 | 19,770 |
| IRR = 10 % | | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | DEBIDWAR | | No. 5 | | |
| Name of Road | RR-Fultali | | | | |
| Length of Road | 20.3 Km | | | | |
| Cost | 66,400 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 345.1 | | |
| Benefit | T 618.0 | | | | |
| | A 2,244.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 66,400 | 0 | 66,400 | 0.0 | -66,400 |
| 2 | | 345 | 345 | 2,862.0 | 2,517 |
| 3 | | 345 | 345 | 3,086.4 | 2,741 |
| 4 | | 345 | 345 | 3,333.2 | 2,988 |
| 5 | | 345 | 345 | 3,604.8 | 3,260 |
| 6 | | 345 | 345 | 3,903.4 | 3,558 |
| 7 | | 345 | 345 | 4,232.0 | 3,887 |
| 8 | | 345 | 345 | 4,593.4 | 4,248 |
| 9 | | 345 | 345 | 4,990.9 | 4,646 |
| 10 | | 345 | 345 | 5,428.2 | 5,083 |
| 11 | | 345 | 345 | 5,909.2 | 5,564 |
| 12 | | 345 | 345 | 6,438.4 | 6,093 |
| 13 | | 345 | 345 | 7,020.4 | 6,675 |
| 14 | | 345 | 345 | 7,660.6 | 7,316 |
| 15 | | 345 | 345 | 8,364.9 | 8,020 |
| 16 | | 345 | 345 | 9,139.6 | 8,794 |
| 17 | | 345 | 345 | 9,991.7 | 9,647 |
| 18 | | 345 | 345 | 10,929.1 | 10,584 |
| 19 | | 345 | 345 | 11,960.2 | 11,615 |
| 20 | | 345 | 345 | 13,094.5 | 12,749 |
| IRR = 5 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | DEBIDWAR | | No. 6 | | |
| Name of Road | FB; Sepera | | | | |
| Length of Road | 6.0 Km | | | | |
| Cost | 19,579 | | | | |
| Unit O&M Cost | 20.0 | O&M Cost | 120.0 | | |
| Benefit | T 114.0 | | | | |
| | A 1,267.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 19,579 | 0 | 19,579 | 0.0 | -19,579 |
| 2 | | 120 | 120 | 1,381.0 | 1,261 |
| 3 | | 120 | 120 | 1,507.7 | 1,388 |
| 4 | | 120 | 120 | 1,647.1 | 1,527 |
| 5 | | 120 | 120 | 1,800.4 | 1,680 |
| 6 | | 120 | 120 | 1,969.0 | 1,849 |
| 7 | | 120 | 120 | 2,154.5 | 2,035 |
| 8 | | 120 | 120 | 2,358.6 | 2,239 |
| 9 | | 120 | 120 | 2,583.0 | 2,463 |
| 10 | | 120 | 120 | 2,829.9 | 2,710 |
| 11 | | 120 | 120 | 3,101.5 | 2,982 |
| 12 | | 120 | 120 | 3,400.3 | 3,280 |
| 13 | | 120 | 120 | 3,728.9 | 3,609 |
| 14 | | 120 | 120 | 4,090.4 | 3,970 |
| 15 | | 120 | 120 | 4,488.0 | 4,368 |
| 16 | | 120 | 120 | 4,925.4 | 4,805 |
| 17 | | 120 | 120 | 5,406.6 | 5,287 |
| 18 | | 120 | 120 | 5,935.8 | 5,816 |
| 19 | | 120 | 120 | 6,518.0 | 6,398 |
| 20 | | 120 | 120 | 7,158.4 | 7,038 |
| IRR = 11 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | DEBIDWAR | | No. 7 | | |
| Name of Road | FB; Yusufpur | | | | |
| Length of Road | 2.5 Km | | | | |
| Cost | 12,928 | | | | |
| Unit O&M Cost | 20.0 | O&M Cost | 50.0 | | |
| Benefit | T 4.0 | | | | |
| | A 176.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 12,928 | 0 | 12,928 | 0.0 | -12,928 |
| 2 | | 50 | 50 | 180.0 | 130 |
| 3 | | 50 | 50 | 197.6 | 148 |
| 4 | | 50 | 50 | 217.0 | 167 |
| 5 | | 50 | 50 | 238.3 | 188 |
| 6 | | 50 | 50 | 261.7 | 212 |
| 7 | | 50 | 50 | 287.4 | 237 |
| 8 | | 50 | 50 | 315.8 | 266 |
| 9 | | 50 | 50 | 347.0 | 297 |
| 10 | | 50 | 50 | 381.3 | 331 |
| 11 | | 50 | 50 | 419.0 | 369 |
| 12 | | 50 | 50 | 460.5 | 410 |
| 13 | | 50 | 50 | 506.1 | 456 |
| 14 | | 50 | 50 | 556.4 | 506 |
| 15 | | 50 | 50 | 611.6 | 562 |
| 16 | | 50 | 50 | 672.4 | 622 |
| 17 | | 50 | 50 | 739.2 | 689 |
| 18 | | 50 | 50 | 812.7 | 763 |
| 19 | | 50 | 50 | 893.6 | 844 |
| 20 | | 50 | 50 | 982.5 | 933 |
| IRR = -4 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | DEBIDWAR | | No. 8 | | |
| Name of Road | FB | | | | |
| Length of Road | 10.1 Km | | | | |
| Cost | 39,052 | | | | |
| Unit O&M Cost | 20.0 | O&M Cost | 202.0 | | |
| Benefit | T 183.0 | | | | |
| | A 1,184.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 39,052 | 0 | 39,052 | 0.0 | -39,052 |
| 2 | | 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 | | 202 | 202 | 1,916.5 | 1,714 |
| 7 | | 202 | 202 | 2,089.8 | 1,888 |
| 8 | | 202 | 202 | 2,280.5 | 2,079 |
| 9 | | 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 | | 202 | 202 | 3,561.1 | 3,359 |
| 14 | | 202 | 202 | 3,898.9 | 3,697 |
| 15 | | 202 | 202 | 4,270.5 | 4,068 |
| 16 | | 202 | 202 | 4,679.2 | 4,477 |
| 17 | | 202 | 202 | 5,128.9 | 4,927 |
| 18 | | 202 | 202 | 5,623.4 | 5,421 |
| 19 | | 202 | 202 | 6,167.5 | 5,965 |
| 20 | | 202 | 202 | 6,765.9 | 6,564 |
| IRR = 3 % | | | | | |

Table G.1.13 Calculation Table for IRR
(Debidwar Upazila) (3/5)

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | DEBIDWAR | | No. 9 | | |
| Name of Road | RR | | | | |
| Length of Road | 12.1 Km | | | | |
| Cost | 39,923 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 205.7 | | |
| Benefit | T 466.0 | | | | |
| | A 2,664.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 39,923 | 0 | 39,923 | 0.0 | -39,923 |
| 2 | | 206 | 206 | 3,130.0 | 2,924 |
| 3 | | 206 | 206 | 3,396.4 | 3,191 |
| 4 | | 206 | 206 | 3,689.4 | 3,484 |
| 5 | | 206 | 206 | 4,011.8 | 3,806 |
| 6 | | 206 | 206 | 4,366.4 | 4,161 |
| 7 | | 206 | 206 | 4,756.4 | 4,551 |
| 8 | | 206 | 206 | 5,185.4 | 4,980 |
| 9 | | 206 | 206 | 5,657.4 | 5,452 |
| 10 | | 206 | 206 | 6,176.5 | 5,971 |
| 11 | | 206 | 206 | 6,747.6 | 6,542 |
| 12 | | 206 | 206 | 7,375.7 | 7,170 |
| 13 | | 206 | 206 | 8,066.7 | 7,861 |
| 14 | | 206 | 206 | 8,826.8 | 8,621 |
| 15 | | 206 | 206 | 9,662.9 | 9,457 |
| 16 | | 206 | 206 | 10,582.5 | 10,377 |
| 17 | | 206 | 206 | 11,594.2 | 11,388 |
| 18 | | 206 | 206 | 12,707.0 | 12,501 |
| 19 | | 206 | 206 | 13,931.1 | 13,725 |
| 20 | | 206 | 206 | 15,277.6 | 15,072 |
| IRR = 12 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | DEBIDWAR | | No. 10 | | |
| Name of Road | FB | | | | |
| Length of Road | 11.4 Km | | | | |
| Cost | 47,060 | | | | |
| Unit O&M Cost | 20.0 | O&M Cost | 228.0 | | |
| Benefit | T 361.0 | | | | |
| | A 2,138.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 47,060 | 0 | 47,060 | 0.0 | -47,060 |
| 2 | | 228 | 228 | 2,519.0 | 2,291 |
| 3 | | 228 | 228 | 2,734.8 | 2,507 |
| 4 | | 228 | 228 | 2,972.2 | 2,744 |
| 5 | | 228 | 228 | 3,233.3 | 3,005 |
| 6 | | 228 | 228 | 3,520.5 | 3,293 |
| 7 | | 228 | 228 | 3,836.5 | 3,608 |
| 8 | | 228 | 228 | 4,184.0 | 3,956 |
| 9 | | 228 | 228 | 4,566.3 | 4,338 |
| 10 | | 228 | 228 | 4,986.9 | 4,759 |
| 11 | | 228 | 228 | 5,449.5 | 5,221 |
| 12 | | 228 | 228 | 5,958.3 | 5,730 |
| 13 | | 228 | 228 | 6,518.0 | 6,290 |
| 14 | | 228 | 228 | 7,133.7 | 6,906 |
| 15 | | 228 | 228 | 7,811.0 | 7,583 |
| 16 | | 228 | 228 | 8,556.0 | 8,328 |
| 17 | | 228 | 228 | 9,375.5 | 9,148 |
| 18 | | 228 | 228 | 10,277.0 | 10,049 |
| 19 | | 228 | 228 | 11,268.5 | 11,041 |
| 20 | | 228 | 228 | 12,359.3 | 12,131 |
| IRR = 7 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | DEBIDWAR | | No. 11 | | |
| Name of Road | RR | | | | |
| Length of Road | 12.4 Km | | | | |
| Cost | 60,044 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 210.8 | | |
| Benefit | T 749.0 | | | | |
| | A 2,953.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 60,044 | 0 | 60,044 | 0.0 | -60,044 |
| 2 | | 211 | 211 | 3,702.0 | 3,491 |
| 3 | | 211 | 211 | 3,997.3 | 3,787 |
| 4 | | 211 | 211 | 4,322.1 | 4,111 |
| 5 | | 211 | 211 | 4,679.4 | 4,469 |
| 6 | | 211 | 211 | 5,072.5 | 4,862 |
| 7 | | 211 | 211 | 5,504.8 | 5,294 |
| 8 | | 211 | 211 | 5,980.4 | 5,770 |
| 9 | | 211 | 211 | 6,503.6 | 6,293 |
| 10 | | 211 | 211 | 7,079.0 | 6,868 |
| 11 | | 211 | 211 | 7,712.0 | 7,501 |
| 12 | | 211 | 211 | 8,408.3 | 8,198 |
| 13 | | 211 | 211 | 9,174.3 | 8,963 |
| 14 | | 211 | 211 | 10,016.8 | 9,806 |
| 15 | | 211 | 211 | 10,943.6 | 10,733 |
| 16 | | 211 | 211 | 11,963.0 | 11,752 |
| 17 | | 211 | 211 | 13,084.4 | 12,874 |
| 18 | | 211 | 211 | 14,318.0 | 14,107 |
| 19 | | 211 | 211 | 15,674.9 | 15,464 |
| 20 | | 211 | 211 | 17,167.4 | 16,957 |
| IRR = 9 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | DEBIDWAR | | No. 12 | | |
| Name of Road | RR | | | | |
| Length of Road | 14.9 Km | | | | |
| Cost | 67,254 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 253.3 | | |
| Benefit | T 542.0 | | | | |
| | A 2,666.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 67,254 | 0 | 67,254 | 0.0 | -67,254 |
| 2 | | 253 | 253 | 3,208.0 | 2,955 |
| 3 | | 253 | 253 | 3,474.6 | 3,221 |
| 4 | | 253 | 253 | 3,767.9 | 3,515 |
| 5 | | 253 | 253 | 4,090.4 | 3,837 |
| 6 | | 253 | 253 | 4,445.3 | 4,192 |
| 7 | | 253 | 253 | 4,835.6 | 4,582 |
| 8 | | 253 | 253 | 5,265.0 | 5,012 |
| 9 | | 253 | 253 | 5,737.3 | 5,484 |
| 10 | | 253 | 253 | 6,256.8 | 6,004 |
| 11 | | 253 | 253 | 6,828.3 | 6,575 |
| 12 | | 253 | 253 | 7,456.9 | 7,204 |
| 13 | | 253 | 253 | 8,148.4 | 7,895 |
| 14 | | 253 | 253 | 8,909.1 | 8,656 |
| 15 | | 253 | 253 | 9,745.8 | 9,492 |
| 16 | | 253 | 253 | 10,666.1 | 10,413 |
| 17 | | 253 | 253 | 11,678.5 | 11,425 |
| 18 | | 253 | 253 | 12,792.2 | 12,539 |
| 19 | | 253 | 253 | 14,017.2 | 13,764 |
| 20 | | 253 | 253 | 15,364.7 | 15,111 |
| IRR = 6 % | | | | | |

Table G.1.13 Calculation Table for IRR
(Debidwar Upazila) (4/5)

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | DEBIDWAR | | No. 13 | | |
| Name of Road | RR | | | | |
| Length of Road | 9.9 Km | | | | |
| Cost | 42,437 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 168.3 | | |
| Benefit | T 398.0 | | | | |
| | A 1,858.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 42,437 | 0 | 42,437 | 0.0 | -42,437 |
| 2 | | 168 | 168 | 2,256.0 | 2,088 |
| 3 | | 168 | 168 | 2,441.8 | 2,274 |
| 4 | | 168 | 168 | 2,646.2 | 2,478 |
| 5 | | 168 | 168 | 2,871.0 | 2,703 |
| 6 | | 168 | 168 | 3,118.3 | 2,950 |
| 7 | | 168 | 168 | 3,390.3 | 3,222 |
| 8 | | 168 | 168 | 3,689.6 | 3,521 |
| 9 | | 168 | 168 | 4,018.7 | 3,850 |
| 10 | | 168 | 168 | 4,380.8 | 4,212 |
| 11 | | 168 | 168 | 4,779.1 | 4,611 |
| 12 | | 168 | 168 | 5,217.2 | 5,049 |
| 13 | | 168 | 168 | 5,699.1 | 5,531 |
| 14 | | 168 | 168 | 6,229.2 | 6,061 |
| 15 | | 168 | 168 | 6,812.3 | 6,644 |
| 16 | | 168 | 168 | 7,453.8 | 7,285 |
| 17 | | 168 | 168 | 8,159.3 | 7,991 |
| 18 | | 168 | 168 | 8,935.5 | 8,767 |
| 19 | | 168 | 168 | 9,789.2 | 9,621 |
| 20 | | 168 | 168 | 10,728.3 | 10,560 |
| IRR = | 7 % | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|---------|-------------|
| Upazila | DEBIDWAR | | No. 14 | | |
| Name of Road | RR | | | | |
| Length of Road | 9.1 Km | | | | |
| Cost | 41,862 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 154.7 | | |
| Benefit | T 737.0 | | | | |
| | A 1,235.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 41,862 | 0 | 41,862 | 0.0 | -41,862 |
| 2 | | 155 | 155 | 1,972.0 | 1,817 |
| 3 | | 155 | 155 | 2,095.5 | 1,941 |
| 4 | | 155 | 155 | 2,231.4 | 2,077 |
| 5 | | 155 | 155 | 2,380.8 | 2,226 |
| 6 | | 155 | 155 | 2,545.2 | 2,390 |
| 7 | | 155 | 155 | 2,726.0 | 2,571 |
| 8 | | 155 | 155 | 2,924.9 | 2,770 |
| 9 | | 155 | 155 | 3,143.7 | 2,989 |
| 10 | | 155 | 155 | 3,384.3 | 3,230 |
| 11 | | 155 | 155 | 3,649.1 | 3,494 |
| 12 | | 155 | 155 | 3,940.3 | 3,786 |
| 13 | | 155 | 155 | 4,260.6 | 4,106 |
| 14 | | 155 | 155 | 4,613.0 | 4,458 |
| 15 | | 155 | 155 | 5,000.6 | 4,846 |
| 16 | | 155 | 155 | 5,426.9 | 5,272 |
| 17 | | 155 | 155 | 5,895.9 | 5,741 |
| 18 | | 155 | 155 | 6,411.8 | 6,257 |
| 19 | | 155 | 155 | 6,979.3 | 6,825 |
| 20 | | 155 | 155 | 7,603.5 | 7,449 |
| IRR = | 5 % | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | DEBIDWAR | | No. 15 | | |
| Name of Road | RR | | | | |
| Length of Road | 20.3 Km | | | | |
| Cost | 98,870 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 345.1 | | |
| Benefit | T 1,258.0 | | | | |
| | A 4,987.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 98,870 | 0 | 98,870 | 0.0 | -98,870 |
| 2 | | 345 | 345 | 6,245.0 | 5,900 |
| 3 | | 345 | 345 | 6,743.7 | 6,399 |
| 4 | | 345 | 345 | 7,292.3 | 6,947 |
| 5 | | 345 | 345 | 7,895.7 | 7,551 |
| 6 | | 345 | 345 | 8,559.5 | 8,214 |
| 7 | | 345 | 345 | 9,289.6 | 8,945 |
| 8 | | 345 | 345 | 10,092.8 | 9,748 |
| 9 | | 345 | 345 | 10,976.3 | 10,631 |
| 10 | | 345 | 345 | 11,948.1 | 11,603 |
| 11 | | 345 | 345 | 13,017.1 | 12,672 |
| 12 | | 345 | 345 | 14,193.0 | 13,848 |
| 13 | | 345 | 345 | 15,486.5 | 15,141 |
| 14 | | 345 | 345 | 16,909.3 | 16,564 |
| 15 | | 345 | 345 | 18,474.5 | 18,129 |
| 16 | | 345 | 345 | 20,196.1 | 19,851 |
| 17 | | 345 | 345 | 22,089.9 | 21,745 |
| 18 | | 345 | 345 | 24,173.1 | 23,828 |
| 19 | | 345 | 345 | 26,464.6 | 26,120 |
| 20 | | 345 | 345 | 28,985.3 | 28,640 |
| IRR = | 9 % | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|---------|----------|-------------|
| Upazila | DEBIDWAR | | No. 16 | | |
| Name of Road | RR | | | | |
| Length of Road | 5.2 Km | | | | |
| Cost | 16,043 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 88.4 | | |
| Benefit | T 135.0 | | | | |
| | A 1,903.0 | | 10.00 % | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 16,043 | 0 | 16,043 | 0.0 | -16,043 |
| 2 | | 88 | 88 | 2,038.0 | 1,950 |
| 3 | | 88 | 88 | 2,228.3 | 2,140 |
| 4 | | 88 | 88 | 2,437.6 | 2,349 |
| 5 | | 88 | 88 | 2,667.9 | 2,579 |
| 6 | | 88 | 88 | 2,921.2 | 2,833 |
| 7 | | 88 | 88 | 3,199.8 | 3,111 |
| 8 | | 88 | 88 | 3,506.3 | 3,418 |
| 9 | | 88 | 88 | 3,843.4 | 3,755 |
| 10 | | 88 | 88 | 4,214.2 | 4,126 |
| 11 | | 88 | 88 | 4,622.2 | 4,534 |
| 12 | | 88 | 88 | 5,070.9 | 4,982 |
| 13 | | 88 | 88 | 5,564.5 | 5,476 |
| 14 | | 88 | 88 | 6,107.4 | 6,019 |
| 15 | | 88 | 88 | 6,704.7 | 6,616 |
| 16 | | 88 | 88 | 7,361.6 | 7,273 |
| 17 | | 88 | 88 | 8,084.3 | 7,996 |
| 18 | | 88 | 88 | 8,879.2 | 8,791 |
| 19 | | 88 | 88 | 9,753.7 | 9,665 |
| 20 | | 88 | 88 | 10,715.5 | 10,627 |
| IRR = | 19 % | | | | |

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

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|----------|-------------|
| Upazila | DEBIDWAR | | No. 17 | | |
| Name of Road | RR | | | | |
| Length of Road | 17.4 Km | | | | |
| Cost | 70,495 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 295.8 | | |
| Benefit | T 791.0 | | | | |
| | A 2,216.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 70,495 | 0 | 70,495 | 0.0 | -70,495 |
| 2 | | 296 | 296 | 3,007.0 | 2,711 |
| 3 | | 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 | | 296 | 296 | 4,359.9 | 4,064 |
| 8 | | 296 | 296 | 4,716.8 | 4,421 |
| 9 | | 296 | 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 | 6,538.7 | 6,243 |
| 13 | | 296 | 296 | 7,113.5 | 6,818 |
| 14 | | 296 | 296 | 7,745.8 | 7,450 |
| 15 | | 296 | 296 | 8,441.2 | 8,145 |
| 16 | | 296 | 296 | 9,206.3 | 8,910 |
| 17 | | 296 | 296 | 10,047.8 | 9,752 |
| 18 | | 296 | 296 | 10,973.5 | 10,678 |
| 19 | | 296 | 296 | 11,991.7 | 11,696 |
| 20 | | 296 | 296 | 13,111.8 | 12,816 |
| IRR = 4 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | DEBIDWAR | | No. 18 | | |
| Name of Road | RR | | | | |
| Length of Road | 11.2 Km | | | | |
| Cost | 45,975 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 190.4 | | |
| Benefit | T 212.0 | | | | |
| | A 1,380.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 45,975 | 0 | 45,975 | 0.0 | -45,975 |
| 2 | | 190 | 190 | 1,592.0 | 1,402 |
| 3 | | 190 | 190 | 1,730.0 | 1,540 |
| 4 | | 190 | 190 | 1,881.8 | 1,691 |
| 5 | | 190 | 190 | 2,048.8 | 1,858 |
| 6 | | 190 | 190 | 2,232.5 | 2,042 |
| 7 | | 190 | 190 | 2,434.5 | 2,244 |
| 8 | | 190 | 190 | 2,656.8 | 2,466 |
| 9 | | 190 | 190 | 2,901.2 | 2,711 |
| 10 | | 190 | 190 | 3,170.2 | 2,980 |
| 11 | | 190 | 190 | 3,466.0 | 3,276 |
| 12 | | 190 | 190 | 3,791.4 | 3,601 |
| 13 | | 190 | 190 | 4,149.3 | 3,959 |
| 14 | | 190 | 190 | 4,543.0 | 4,353 |
| 15 | | 190 | 190 | 4,976.1 | 4,786 |
| 16 | | 190 | 190 | 5,452.5 | 5,262 |
| 17 | | 190 | 190 | 5,976.6 | 5,786 |
| 18 | | 190 | 190 | 6,553.1 | 6,363 |
| 19 | | 190 | 190 | 7,187.2 | 6,997 |
| 20 | | 190 | 190 | 7,884.7 | 7,694 |
| IRR = 3 % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | DEBIDWAR | | No. 19 | | |
| Name of Road | RR | | | | |
| Length of Road | 12.0 Km | | | | |
| Cost | 52,078 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 204.0 | | |
| Benefit | T 87.0 | | | | |
| | A 490.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 52,078 | 0 | 52,078 | 0.0 | -52,078 |
| 2 | | 204 | 204 | 577.0 | 373 |
| 3 | | 204 | 204 | 626.0 | 422 |
| 4 | | 204 | 204 | 679.9 | 476 |
| 5 | | 204 | 204 | 739.2 | 535 |
| 6 | | 204 | 204 | 804.4 | 600 |
| 7 | | 204 | 204 | 876.1 | 672 |
| 8 | | 204 | 204 | 955.1 | 751 |
| 9 | | 204 | 204 | 1,041.9 | 838 |
| 10 | | 204 | 204 | 1,137.4 | 933 |
| 11 | | 204 | 204 | 1,242.4 | 1,038 |
| 12 | | 204 | 204 | 1,357.9 | 1,154 |
| 13 | | 204 | 204 | 1,485.0 | 1,281 |
| 14 | | 204 | 204 | 1,624.8 | 1,421 |
| 15 | | 204 | 204 | 1,778.6 | 1,575 |
| 16 | | 204 | 204 | 1,947.8 | 1,744 |
| 17 | | 204 | 204 | 2,133.9 | 1,930 |
| 18 | | 204 | 204 | 2,338.5 | 2,135 |
| 19 | | 204 | 204 | 2,563.7 | 2,360 |
| 20 | | 204 | 204 | 2,811.4 | 2,607 |
| IRR = #NUM! % | | | | | |

| Cost and Benefit Stream | | | | | |
|-------------------------|-------------------|----------|--------|---------|-------------|
| Upazila | DEBIDWAR | | No. 20 | | |
| Name of Road | RR | | | | |
| Length of Road | 7.8 Km | | | | |
| Cost | 31,302 | | | | |
| Unit O&M Cost | 17.0 | O&M Cost | 132.6 | | |
| Benefit | T 115.0 | | | | |
| | A 1,039.0 | 10.00 % | | | |
| (Unit : 1,000 Taka) | | | | | |
| Year | Construction Cost | O&M Cost | Total | Benefit | Net Benefit |
| 1 | 31,302 | 0 | 31,302 | 0.0 | -31,302 |
| 2 | | 133 | 133 | 1,154.0 | 1,021 |
| 3 | | 133 | 133 | 1,257.9 | 1,125 |
| 4 | | 133 | 133 | 1,372.2 | 1,240 |
| 5 | | 133 | 133 | 1,497.9 | 1,365 |
| 6 | | 133 | 133 | 1,636.2 | 1,504 |
| 7 | | 133 | 133 | 1,788.3 | 1,656 |
| 8 | | 133 | 133 | 1,955.7 | 1,823 |
| 9 | | 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 | | 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 % | | | | | |

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

| NAME OF ROAD | EXISTING CONDITION | | MODEL PLAN | | REMARKS |
|--------------------------------------|--------------------------|------------------------------------|--------------------------|--|-----------------|
| | LENGTH (in Kilometer) | TYPE No. of Structures Required | LENGTH (in Kilometer) | TYPE No. Structures To be ConsL/ Rehabil. | |
| FB - A Kachua- Kalipara Road | 13.29 | BC 14 | | | * Under |
| FB - B Kachua- Upazila Parishad Road | 1.70 | BC 2 | 1.70 | BC 2 | rehabilitation |
| FB - B Kachua- Sachar G.C.C Road | 15.51 | E 26 | 15.51 | BC 26 | |
| RR - 1 Kachua- Kashimpur Road | 14.50 | E 13 | 14.50 | E 13 | |
| RR - 2 Kachua- Ragunthpur Road | 6.50 | E 15 | 6.50 | E 15 | |
| RR - 3 Kachua- Nowabpur Road | 8.00 | E 10 | 8.00 | E 10 | |
| RR - 4 Sachar- Amirabad Road | 5.50 | E 9 | 5.50 | BC 9 | |
| RR - 5 Kachua- Teguria Road | 12.00 | E 14 | 12.00 | E 14 | |
| RR - 6 Pipukora-Rahimanagar Road | 20.00 | E 18 | 20.00 | E 18 | |
| RR - 7 Baratagoan-Monoharpur Road | 11.50 | E 14 | 11.50 | E 14 | |
| RR - 8 Palakhal- Aliara Road | 6.50 | E 12 | 6.50 | E 12 | |
| RR - 9 Kachua- Patharish Road | 11.00 | E 15 | 11.00 | E 15 | |
| RR - 10 Paigiri- Darbesgonj Road | 8.00 | E 14 | 8.00 | E 14 | |
| RR - 11 Uzani- Boxgonj Road | 9.00 | E 14 | 9.00 | E 14 | |
| RR - 12 Layamchaer- Aliara Road | 11.00 | E 15 | 11.00 | E 15 | |
| RR - 13 Sachar- Modhupur Road | 5.50 | E 8 | 5.50 | E 8 | |
| RR - 14 Sachar-Ragdoiil-Bayek Road | 8.00 | E 12 | 8.00 | E 12 | |
| RR - 15 Paikhal- Kadla Road | 6.50 | E 12 | | | ** Dropped in |
| RR - 16 Bachaya- Prashannakap Road | 6.50 | E 11 | 6.50 | E 11 | first screening |
| RR - 17 Baraiara- Modhupur Road | 5.50 | E 14 | 5.50 | E 14 | step |
| RR - 18 D.C. Road- Jagotpur Road | 8.00 | E 5 | 8.00 | E 5 | |

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

| NAME OF ROAD | EXISTING CONDITION | | MODEL PLAN | | REMARKS |
|---|--------------------------|---------------------------------------|--------------------------|--|---------|
| | LENGTH (in Kilometer) | TYPE No. of Structures Required | LENGTH (in Kilometer) | TYPE No. Structures To be Const. | |
| RR - 19 Amojan- Poyalgacha Road | 10.00 | E 8 | 10.00 | E 8 | |
| RR - 20 Batapokari- Nindpur Road | 8.00 | E 20 | 8.00 | E 20 | |
| RR - 21 Hasihnpur-Darbesghonj Road | 8.00 | E 15 | 8.00 | E 15 | |
| RR - 22 Uzani- Singdda Road | 8.00 | E 15 | 8.00 | E 15 | |
| RR - 23 Ragunathpur- Modhupur Road | 8.50 | E 10 | 8.50 | E 10 | |
| RR - 24 Kachua-College-Betpur Road | 5.00 | E 8 | | | ** |
| RR - 25 Ragdoil- Gograbari Road | 4.00 | E 8 | 4.00 | E 8 | |
| RR - 26 Akania- Dumoria Road | 8.00 | E 10 | 8.00 | E 10 | |
| RR - 27 Pathair-Aliara Road | 6.50 | E 8 | 6.50 | E 8 | |
| RR - 28 Palakhal- Charatbanga Road | 6.50 | E 12 | 6.50 | E 12 | |
| RR - 29 Telua- Borochoh Road | 3.50 | E 12 | | | ** |
| RR - 30 Rahimanagor-Paranpur Road | 5.00 | E 8 | 5.00 | E 8 | |
| RR - 31 Monohorpur- Lowkora Road | 6.50 | E 12 | 6.50 | E 12 | |
| RR - 32 Koa- Domoria Road | 3.50 | E 5 | 3.50 | E 5 | |
| RR - 33 Koraish- Khidda Road | 3.50 | E 6 | 3.50 | E 6 | |
| RR - 34 Monkholo- Kailine Road | 2.50 | E 9 | 2.50 | E 9 | |
| RR - 35 Hossainpur-Changini Road | 13.25 | E 10 | | | ** |
| RR - 36 Rahima Nagor Subidpur via Meair Bazar | 13.00 | E 9 | 13.00 | E 9 | |
| TOTAL | 317.25 | 452 | 275.71 | 396 | |

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

| NAME OF ROAD | EXISTING CONDITION | | | MODEL PLAN | | | REMARKS |
|--|--------------------------|------------------------------------|----------|--------------------------|-------|--|---------------------|
| | LENGTH (in Kilometer) | TYPE No. of Structures Required | Existing | LENGTH (in Kilometer) | TYPE | No. Structures To be Const./Rehabili. | |
| | | | | | | | |
| FB - 1 Nabinagar - B.Barua | 4.73 | E | 7 | 5 | 4.73 | BC | 2 |
| FB - 2 Nabinagar - Bancharampur | 12.87 | E | 36 | 32 | 12.87 | BC | 4 |
| RR - 1 Kaitala College - Mohesh Road | 9.00 | E | 8 | 0 | 9.00 | E | 8 |
| RR - 2 Jenudpur - Jamuala River | 7.00 | E | 6 | 0 | 7.00 | E | 6 |
| RR - 3 Karabari - Rashulabad | 6.50 | E | 4 | 0 | 6.50 | E | 4 |
| RR - 4 Majjara Girl's School - Bitibishara | 7.00 | E | 10 | 0 | 7.00 | E | 10 |
| RR - 5 Baishmuja Bazar - Gajirkandi via Birgoan | 4.00 | E | 8 | 0 | 4.00 | E | 8 |
| RR - 6 Jenudpur - Bhaturiard | 13.00 | E | 17 | 2 | 13.00 | E | 15 |
| RR - 7 Barikandi Launch Ghat - Jallird | 8.00 | E | 13 | 6 | 8.00 | E | 7 |
| RR - 8 Jafarpur - Jamuna River | 5.00 | E | 7 | 3 | 5.00 | E | 4 |
| RR - 9 Norshingpur - Chitui | 3.50 | E | 3 | 0 | 3.50 | E | 3 |
| RR - 10 Link Road (R&H - Mohesh Road) | 7.00 | E | 14 | 2 | 7.00 | BC | 12 |
| RR - 11 Lourfatapur - Kaligonj Bazar | 5.00 | E | 7 | 0 | | | ** Dropped in first |
| RR - 12 Dhari - Shreerapur - Lahari | 3.50 | E | 3 | 0 | 3.50 | E | 3 screening step |
| RR - 13 Aliabad - Gopalpur | 4.00 | E | 10 | 3 | 4.00 | E | 7 |
| RR - 14 Shamagram - Solimgonj | 7.33 | E | 16 | 13 | 7.33 | BC | 3 |
| RR - 15 Mohesh Road - Goali - Rasulpur | 19.50 | E | 34 | 17 | 19.50 | BC | 17 |
| RR - 16 Dashmouja - Jenudpur | 4.50 | E | 7 | 0 | 4.50 | E | 7 |
| RR - 17 R&H Road - Kazimabad via Bolachang Bazar | 4.00 | E | 4 | 0 | 4.00 | E | 4 |
| RR - 18 Raullahbad - Ratanpur via Mullah | 6.00 | E | 6 | 0 | 6.00 | E | 6 |
| RR - 19 Nurjahanpur - Muktarampur | 5.00 | E | 4 | 0 | 5.00 | E | 4 |
| RR - 20 Maniknagar Launch Ghat - Khagatoa Bazar | 7.50 | E | 10 | 3 | 7.50 | E | 7 |

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

| NAME OF ROAD | EXISTING CONDITION | | MODEL PLAN | | REMARKS |
|--|--------------------------|---|--------------------------|---|---------------------|
| | LENGTH (in Kilometer) | TYPE No. of Structures Required Existing | LENGTH (in Kilometer) | TYPE No. Structures To be Const./Rehabili. | |
| RR - 21 Dhapunia - Shibpur High School | 5.00 | E 4 | 5.00 | E 0 | ** Dropped in first |
| RR - 22 Monipur - Natchar Bazar | 12.00 | E 13 | 12.00 | E 13 | screening step |
| RR - 23 Kaligoanj - Dobacchail | 13.50 | E 30 | 13.50 | E 29 | |
| RR - 24 Rajatpur - Goparpur South Para | 4.50 | E 6 | 4.50 | E 0 | ** |
| RR - 25 Krishnagar - Baluahat | 2.00 | E 2 | 2.00 | E 2 | |
| RR - 26 Nabinagar - Karimshah Bazar | 5.50 | E 4 | 5.50 | E 4 | |
| RR - 27 Alamnagar - Charilapang - Islampur | 9.00 | E 10 | 9.00 | E 8 | |
| RR - 28 Bikgoan - Kadarkhala | 3.50 | E 4 | 3.50 | E 4 | |
| RR - 29 Shahapur Veterinary Hospital - Kaligonj Dhobachal | 3.00 | E 5 | 3.00 | E 0 | ** |
| RR - 30 Bolachang Bazar - Nabinagar/Bancharampur Road via Belanagar | 3.00 | E 4 | 3.00 | E 0 | |
| RR - 31 Nabinagar - Aalamnagar | 2.50 | E 4 | 2.50 | E 4 | |
| RR - 32 Imambaril - Shardar via Narui | 5.00 | E 6 | 5.00 | E 6 | |
| RR - 33 Barail - Nilokhi | 5.00 | E 4 | 5.00 | E 0 | ** |
| RR - 34 Mohestpur Launch Ghat - Gori Goan via Bitgar | 6.00 | E 5 | 6.00 | E 3 | |
| RR - 35 Dhara Bannga - Solimgonj | 2.50 | E 4 | 2.50 | E 0 | ** |
| RR - 36 Konaghat - Maniknagar | 7.50 | E 10 | 7.50 | E 7 | ** |
| RR - 37 Durgarampur Launch Ghat - Keshorepur | 6.00 | E 5 | 6.00 | E 0 | ** |
| RR - 38 Lourfatepur - Hazipur | 4.50 | E 6 | 4.50 | E 0 | ** |
| RR - 39 Sshatmua - Rasullabad via Gaganathpur | 7.50 | E 7 | 7.50 | E 7 | |
| RR - 40 Kanikara - Merukuta Bazar via Bagaura | 8.00 | E 7 | 8.00 | E 7 | |
| RR - 41 Pandabnagar - Merkuta via Malal | 4.50 | E 6 | 4.50 | E 6 | |
| RR - 42 Kurichar - Boruhit | 6.50 | E 8 | 6.50 | E 7 | |
| RR - 43 Karabari - Barikhala | 4.00 | E 4 | 4.00 | E 0 | ** |
| TOTAL | 284.43 | 392 | 241.93 | 95 | 248 |

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

| NAME OF ROAD | EXISTING CONDITION | | MODEL PLAN | | REMARKS |
|---|--------------------------|------------------------------------|--------------------------|-------------------------------------|---------------------------------|
| | LENGTH (in Kilometer) | TYPE No. of Structures Required | LENGTH (in Kilometer) | TYPE No. Structures To be Const. | |
| FB - B Homna - Marichakandi | 22.40 | E 12 | 22.40 | BC 12 | |
| FB - B Salimgonj - Kariakandi | 13.70 | E 20 | 13.70 | BC 20 | |
| FB - B Bancharampur - Nabinagar | 19.20 | E 9 | 19.20 | BC 9 | |
| RR - 1 Bancharampur - Dariachar | 11.20 | E 8 | 11.20 | E 8 | |
| RR - 2 Ujunchar - Dariachar - Bahorechar | 11.20 | E 11 | 11.20 | E 11 | |
| RR - 3 Bashgari - Durgapur | 6.40 | E 3 | 6.40 | E 3 | |
| RR - 4 Bahadurpur - Gokulnagar | 8.00 | E 5 | 8.00 | E 5 | |
| RR - 5 Bancharampur - Kalainagar Launch Ghat | 8.00 | E 2 | 8.00 | E 2 | |
| RR - 6 Jobonganj Bazar - Bishnarampur | 8.00 | E 4 | 8.00 | E 4 | |
| RR - 7 Bishnarampur - Jaikalipur | 12.80 | E 5 | 12.80 | E 5 | |
| RR - 8 Ulukandi - Pahariakandi | 8.00 | E 5 | 8.00 | E 5 | |
| RR - 9 Shalimabad - Junarchar | 19.20 | E 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 | E 6 | 6.40 | E 6 | |
| RR - 12 Kalainagar Launch Ghat - Rupashdi | 6.40 | E 2 | 6.40 | E 2 | |
| RR - 13 Rupashdi - Burberia | 8.00 | E 3 | 8.00 | E 3 | |
| RR - 14 Rupashdi - Ashrafabad | 9.60 | E 11 | 9.60 | E 11 | |
| RR - 15 Sarifpur - Paratuli | 9.60 | E 7 | 9.60 | ** | Dropped in first screening step |
| RR - 16 Sunarampur - Shantipur | 9.60 | E 13 | 9.60 | | |
| RR - 17 Barakandi - Jaikalipur Launch Ghat | 6.40 | E 6 | 6.40 | E 6 | |
| RR - 18 Dariakandi - Gukolnagar via Imamnagar | 6.40 | E 4 | 6.40 | E 4 | |

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

| NAME OF ROAD | EXISTING CONDITION | | MODEL PLAN | | REMARKS |
|--|--------------------------|------------------------------------|--------------------------|-------------------------------------|---------|
| | LENGTH (in Kilometer) | TYPE No. of Structures Required | LENGTH (in Kilometer) | TYPE No. Structures To be Const. | |
| RR - 19 Bahorchar South Para - Bahorchar | 3.20 | E 2 | 3.20 | E 2 | |
| RR - 20 Rupashdi - Kaurpur | 3.20 | E 4 | 3.20 | E 4 | |
| RR - 21 Hossainpur Road | 4.80 | E 4 | | | ** |
| TOTAL | 231.30 | 173 | 194.50 | 139 | |

Table G.1.14 Existing Condition and Model Plan for Road (Debidwar Upazila)

| NAME OF ROAD | EXISTING CONDITION | | | | MODEL PLAN | | | REMARKS |
|--------------------------------------|--------------------|------|-------------------|----------------|------------|------------------------|-----|------------------------------------|
| | LENGTH | TYPE | No. of Structures | LENGT. | TYPE | No. Structures | | |
| | (in Kilometer) | | Required Existing | (in Kilometer) | | To be Const./Rehabili. | | |
| FB - 1 Madhya - Companygonj | 18.20 | E | 22 | 6 | 18.20 | BC | 16 | 4 |
| FB - 2 Kalikapur - Istagram | 12.00 | E | 19 | 4 | 12.00 | BC | 15 | 1 |
| FB - 3 Barat - Gobindpur | 8.20 | E | 14 | 5 | 8.20 | BC | 9 | 5 |
| RR - 1 Debidwar - Istagram | 16.80 | E | 15 | 5 | 16.80 | E | 10 | 4 |
| RR - 2 Fultali - Chowmuhani | 20.30 | E | 24 | 11 | 20.30 | E | 13 | 2 |
| FB - 6 Sepera - Sultanpur | 6.00 | E | 8 | 6 | 6.00 | BC | 2 | 0 |
| FB - 7 Yusufpur - Prigonj | 2.50 | E | 6 | 4 | 2.50 | BC | 2 | 2 |
| FB - 8 Charbakar - NABIABAD G.C.C.R. | 10.10 | E | 14 | 3 | 10.10 | BC | 11 | 0 |
| RR - 3 Monghata - Modonogor | 12.10 | E | 10 | 1 | 12.10 | E | 9 | 0 |
| FB - 10 Jaafargonj - Bborokamta | 11.40 | E | 16 | 11 | 11.40 | BC | 5 | 10 |
| RR - 4 Debidwar - Aapur | 12.40 | E | 19 | 2 | 12.40 | E | 17 | 2 |
| RR - 5 Fultali - Khiraikandi | 14.90 | E | 18 | 1 | 14.90 | E | 17 | 1 |
| RR - 6 Virallah - Modhumura | 9.90 | E | 14 | 5 | 9.90 | E | 9 | 2 |
| RR - 7 Boroalompur - Dhamti | 9.10 | E | 14 | 4 | 9.10 | E | 10 | 2 |
| RR - 8 Lokhipur - Barashaighor | 20.30 | E | 26 | 0 | 20.30 | E | 26 | 0 |
| RR - 9 Tebaria - Chotna | 5.20 | E | 4 | 1 | 5.20 | E | 3 | 0 |
| RR - 10 Jafargonj - Rajamaher | 17.40 | E | 19 | 4 | | | | ** Dropped in first screening step |
| RR - 11 Hossainpur - Bakosar | 11.20 | E | 18 | 8 | | | | |
| RR - 12 Barur - Biranmondol | 12.00 | E | 19 | 4 | | | | |
| RR - 13 Sibunogor - Sultanpur | 7.80 | E | 8 | 1 | | | | |
| TOTAL | 237.80 | | 307 | 86 | 189.40 | | 174 | 35 |
| | | | | | | | 209 | |

Table G.1.15 Summary Table for Selection of Road

| Socio-Economic Ranking | Kachua | | Nabinagar | | Bancharampur | | Debidwar | |
|------------------------|---|-----------------|---|-----------------|--|-----------------|--------------------------------------|-----------------|
| | NAME OF ROAD | Total IRR Score | NAME OF ROAD | Total IRR Score | NAME OF ROAD | Total IRR Score | NAME OF ROAD | Total IRR Score |
| 1 | FB - B Kachua - Sachar G.C.C Road | 84.1 | FB - 1 Nabinagar - B.B. Baza | 77.6 | FB - B Homia - Manikhaladi | 84 | FB - B Madhya - Compaoyganj | 68.3 |
| 2 | FB - B Kachua - Upatila Paribhad Road | 70.1 | RR - 15 Mohadi Road - Govdi - Ranpur | 76.6 | FB - B Bancharampur - Nabinagar | 61.1 | FB - B Kallipar - Jaganpur | 67.1 |
| 3 | RR - 4 Sachar - Amritad Road | 55 | FB - 2 Nabinagar - Bancharampur | 70.3 | FB - B Solingonj - Krikatadi | 60.4 | RR - 1 Debidwar - Jaganpur | 51.7 |
| 4 | RR - 1 Kachua - Kachampur Road | 51.2 | RR - 14 Shanagan - Solingonj | 63.7 | RR - 1 Bancharampur - Durkhar | 56.4 | FB - B Yandpur - Prigonj | 50.7 |
| 5 | RR - 2 Kachua - Roganipur Road | 51.1 | RR - 8 Jaganpur - Jannua River | 53.4 | RR - 12 Kachampur - Lauch Chat - Rupabadi | 43.3 | FB - B Bani - Gobindpur | 50.5 |
| 6 | RR - 3 Kachua - Nowapur Road | 47 | RR - 6 Jaganpur - Bhatnagar | 50.1 | RR - 2 Ujanchar - Durkhar - Babrochar | 34.5 | FB - B Charbadi - Nabinabad G.C.C.R. | 49 |
| 7 | RR - 36 Babina Nagar Subpur via Manir Bazar | 38.5 | RR - 5 Baidmaj Bazar - Grijitandi via Birgon | 47.8 | RR - 6 Jobongonj Bazar - Bishnarnagar | 33.7 | FB - B Sopra - Subapur | 44.7 |
| 8 | RR - 11 Uzari - Rogonj Road | 38.3 | RR - 2 Jaganpur - Jannua River | 47.4 | RR - 7 Babrochar - Jankalpur | 33.4 | RR - 4 Debidwar - Alapur | 40.8 |
| 9 | RR - 8 Palhal - Alara Road | 37.9 | RR - 18 Ranlibhad - Ranpur via Mullah | 47.4 | RR - 10 Chahabadi - Purabadi via Ouanadi | 32.2 | RR - 3 Mangbasa - Modongor | 40.4 |
| 10 | RR - 6 Puthur - Kachampur Road | 37.8 | RR - 4 Majana Gift School - Bishnabur | 47 | RR - 9 Shatinbad - Jannabur | 31.8 | RR - 2 Filiti - Chovzambadi | 38 |
| 11 | RR - 5 Kachua - Tiyata Road | 37.2 | RR - 40 Kachua - Merkuria Bazar via Bagana | 40 | RR - 3 Bahigadi - Durpur | 27 | FB - B Jaganpur - Eborokarna | 36.1 |
| 12 | RR - 12 Laymanchar - Alara Road | 36.6 | RR - 16 Dushonaj - Jaganpur | 38.5 | RR - 8 Uadidanti - Phuridandi | 25.8 | RR - 9 Teberia - Cherna | 34.8 |
| 13 | RR - 13 Sachar - Modhapur Road | 36.6 | RR - 17 R&H Road - Kazimabad via Bolechong Bazar | 38 | RR - 5 Bancharampur - Kachampur Lauch Chat | 25.5 | RR - 6 Viridat - Modhaura | 34.8 |
| 14 | RR - 14 Sachar - Ragodi - Bayat Road | 35.7 | RR - 27 Alamanagar - Chaitrapong - Jaganpur | 37.3 | RR - 11 Fudabadi - Jannabur | 25.5 | RR - 5 Filiti - Kishinabadi | 31.8 |
| 15 | RR - 30 Robinsonagar - Parapur Road | 34 | RR - 1 Kachua College - Mohadi Road | 36.2 | RR - 4 Babadpur - Gokulnagar | 23.5 | RR - 8 Lokkipur - Banchangor | 31.7 |
| 16 | RR - 31 Menobpur - Lowkon Road | 33.3 | RR - 28 Bikkon - Kadakhala | 36.2 | RR - 20 Rupabadi - Kaupur | 21 | RR - 7 Bancharampur - Dhundi | 23.3 |
| 17 | RR - 33 Korubi - Khidra Road | 32 | RR - 34 Mohanpur - Lauch Chat - Govi Goma via Bigar | 33 | RR - 14 Rupabadi - Aonfabad | 17.3 | | |
| 18 | RR - 10 Palgir - Darbhongonj Road | 28.1 | RR - 10 Link Road (R&H - Mohadi Road) | 34.3 | RR - 19 Babonchar South Para - Babonchar | 17 | | |
| 19 | RR - 7 Bannabongonj - Menobpur Road | 27.7 | RR - 26 Nabinagar - Kaminabha Bazar | 31 | RR - 13 Rupabadi - Burberia | 14.4 | | |
| 20 | RR - 32 Koa - Domoria Road | 26.8 | RR - 9 Nabinagar - Chiti | 30.9 | | | | |
| 21 | RR - 16 Bichaya - Prashnarakpur Road | 25 | RR - 20 Manibongor - Lauch Chat - Khagana Bazar | 30.8 | | | | |
| 22 | RR - 27 Puthur - Alara Road | 24.8 | RR - 13 Alabadi - Gopalpur | 29.3 | | | | |
| 23 | RR - 34 Mohabola - Kalline Road | 24.5 | RR - 39 Sabarna - Ranulabad via Gaganpur | 29.3 | | | | |
| 24 | RR - 17 Banara - Modhapur Road | 24.3 | RR - 32 Jannabadi - Shadur via Nani | 29 | | | | |
| 25 | RR - 20 Baspobari - Nindpur Road | 24 | RR - 22 Monipur - Nachar Bazar | 28.3 | | | | |
| 26 | RR - 25 Roganipur - Modhapur Road | 23.7 | RR - 12 Diani - Shoranpur - Labari | 27 | | | | |
| 27 | RR - 18 D.C. Road - Jaganpur Road | 22.4 | RR - 7 Barabadi - Lauch Chat - Jallid | 25 | | | | |
| 28 | RR - 21 Hachpur - Darbhongonj Road | 22 | RR - 19 Nujabapur - Muktesapur | 25 | | | | |
| 29 | RR - 9 Kachua - Buthariti Road | 21 | RR - 23 Krikatadi - Bahabadi | 25 | | | | |
| 30 | RR - 25 Ragodi - Gaganhari Road | 21 | RR - 42 Kurchar - Bumbhi | 24.9 | | | | |
| 31 | RR - 22 Uzari - Singdia Road | 20 | RR - 31 Nabinagar - Alamanagar | 24 | | | | |
| 32 | RR - 19 Anjan - Poyalgacha Road | 18 | RR - 3 Karibeni - Rashedabad | 23 | | | | |
| 33 | RR - 26 Alara - Dumona Road | 18 | RR - 41 Pundobongor - Manua via Mala | 20.8 | | | | |
| 34 | RR - 28 Palhal - Chauribongor Road | 17.9 | RR - 23 Kaligoni - Debochadi | 20 | | | | |
| 35 | | | RR - 36 Kongsat - Maniknagar | 17 | | | | |

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

| | STEP 1 : Preliminary Screening | | | | | | STEP : 2 Socioeconomic Ranking | | | | | | STEP : 3 Economic Justification (IRR) | | | |
|-------------------------------------|--------------------------------|--|--|--|--------------------------------------|----------------------|--------------------------------|------------------------|------------------------------|---|--------------------------------------|-------------------|---------------------------------------|---------------------------|--------------------|-------------|
| | Road Classification | Linkage to market and/or administration center | Population Served (More than 600 persons/Km) | Availability of Alternative Transportation Means | Priority Ranking Prepared by Upazila | Environmental impact | Preliminary Screening | Economic Activities | | | | | | | | |
| | | | | | | | | Agricultural Potential | Degree of Access Improvement | Existence of Parallel Development of Activities | Linkage to Local and Regional Market | Population Served | | Access to Social Services | Request by Upazila | Total Score |
| FB - A Kachua-Kalipara Road | 1 | Y | Y | N | 1 | N | 10 | 0 | 3 | 150 | 20 | 150 | 150 | 78.0 | 2 | 10% |
| FB - B Kachua-Upazila Parishad Road | 1 | Y | N | N | 3 | N | 8 | 2 | 0 | 150 | 20 | 100 | 150 | 70.1 | 3 | 7% |
| FB - B Kachua-Sachar G.C.C Road | 1 | Y | Y | N | 2 | N | 9 | 2 | 10 | 150 | 20 | 131 | 150 | 84.1 | 1 | 8% |
| RR - 1 Kachua-Kashimpur Road | 2 | Y | Y | Y | 4 | N | 10 | 2 | 2 | 113 | 6 | 64 | 135 | 51.2 | 5 | 7% |
| RR - 2 Kachua-Ragunpur Road | 3 | Y | Y | N | 6 | N | 12 | 2 | 2 | 75 | 8 | 61 | 135 | 51.1 | 6 | 3% |
| RR - 3 Kachua-Nowabpur Road | 2 | Y | Y | N | 5 | N | 7 | 2 | 3 | 113 | 6 | 42 | 135 | 47.0 | 7 | 8% |
| RR - 4 Sachar-Amirabad Road | 2 | Y | Y | N | 11 | N | 12 | 2 | 3 | 113 | 12 | 42 | 105 | 55.0 | 4 | 5% |
| RR - 5 Kachua-Teguria Road | 3 | Y | Y | Y | 22 | N | 9 | 2 | 2 | 75 | 8 | 42 | 45 | 37.2 | 12 | 3% |
| RR - 6 Pipukora-Rahimanagar Road | 2 | Y | N | N | 7 | N | 8 | 2 | 2 | 75 | 4 | 23 | 120 | 37.8 | 11 | 3% |
| RR - 7 Barotagoan-Monoharpur Road | 3 | Y | N | Y | 12 | N | 4 | 2 | 3 | 00 | 4 | 42 | 105 | 27.7 | 20 | 2% |
| RR - 8 Palahal-Aliara Road | 3 | Y | Y | Y | 13 | N | 11 | 2 | 0 | 38 | 6 | 61 | 90 | 37.9 | 10 | 0% |
| RR - 9 Kachua-Patharish Road | 3 | N | N | Y | 19 | N | 6 | 2 | 3 | 00 | 4 | 00 | 60 | 21.0 | 30 | 7% |
| RR - 10 Palgiri-Darbesgonj Road | 3 | Y | Y | N | 25 | N | 8 | 3 | 0 | 38 | 8 | 23 | 30 | 28.1 | 19 | 3% |
| RR - 11 Uzani-Boxgonj Road | 3 | Y | Y | N | 17 | N | 11 | 3 | 3 | 38 | 6 | 42 | 75 | 38.5 | 9 | 12% |
| RR - 12 Layamehaer-Aliara Road | 3 | Y | Y | N | 23 | N | 12 | 2 | 0 | 38 | 12 | 23 | 45 | 36.6 | 13 | 9% |
| RR - 13 Sachar-Modhupur Road | 3 | Y | Y | N | 24 | N | 12 | 2 | 0 | 38 | 12 | 23 | 45 | 36.6 | 14 | 5% |
| RR - 14 Sachar-Ragdoi-Bayek Road | 3 | Y | Y | N | 14 | N | 10 | 3 | 0 | 38 | 8 | 19 | 90 | 35.7 | 15 | 8% |
| RR - 15 Palahal-Kadla Road | 3 | N | N | N | 30 | N | Drop | | | | | | | | | 2% |
| RR - 16 Bachaya-Prasharapak Road | 3 | N | Y | N | 31 | N | 11 | 2 | 2 | 00 | 10 | 00 | 00 | 25.0 | 22 | 2% |
| RR - 17 Baralara-Modhupur Road | 3 | N | Y | Y | 32 | N | 10 | 2 | 0 | 00 | 10 | 23 | 00 | 24.3 | 25 | 2% |
| RR - 18 D.C. Road-Jagoupur Road | 3 | Y | N | N | 18 | N | 8 | 1 | 0 | 00 | 4 | 19 | 75 | 22.4 | 28 | 2% |

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

| | STEP 1 : Preliminary Screening | | | | | | | | STEP : 2 Socioeconomic Ranking | | | | | | | STEP : 3 Economic Justification | |
|--|--------------------------------|--|--|--|--------------------------------------|----------------------|-----------------------|------------------------|--------------------------------|--|--------------------------------------|-------------------|---------------------------|--------------------|-----------------------|---------------------------------|-------------|
| | Road Classification | Linkage to market and/or administration center | Population Served (More than 600 persons/Km) | Availability of Alternative Transportation Means | Priority Ranking Prepared by Upazila | Environmental Impact | Preliminary Screening | Economic Activities | | | | | | | Socioeconomic Ranking | Internal Rate of Return (IRR) | |
| | | | | | | | | Agricultural Potential | Degree of Access Improvement | Existence of Parallel Development Activities | Linkage to Local and Regional Market | Population Served | Access to Social Services | Request by Upazila | | | Total Score |
| RR - 19 Amojan-Poyalgacha Road | 3 | N | N | Y | 20 | N | | 6 | 1 | 3 | 0.0 | 2 | 0.0 | 6.0 | 18.0 | 33 | -1% |
| RR - 20 Balapokari-Nirdpur Road | 3 | Y | Y | N | 15 | N | | 6 | 3 | 0 | 0.0 | 6 | 0.0 | 9.0 | 24.0 | 26 | 0% |
| RR - 21 Hashimpur-Darbestgani Road | 3 | N | Y | N | 21 | N | | 8 | 2 | 0 | 0.0 | 6 | 0.0 | 6.0 | 22.0 | 29 | 0% |
| RR - 22 Uzun-Singda Road | 3 | N | N | Y | 26 | N | | 12 | 3 | 0 | 0.0 | 2 | 0.0 | 3.0 | 20.0 | 32 | -4% |
| RR - 23 Raganathpur-Mochpur Road | 3 | Y | Y | N | 33 | N | | 9 | 3 | 0 | 1.8 | 6 | 1.9 | 0.0 | 23.7 | 27 | 5% |
| RR - 24 Kachua-College-Beupur Road | 3 | N | N | Y | 34 | N | Drop | | | | | | | | | | |
| RR - 25 Ragdol-Gograbari Road | 4 | N | Y | Y | 35 | N | | 10 | 1 | 0 | 0.0 | 10 | 0.0 | 0.0 | 21.0 | 31 | 4% |
| RR - 26 Akaria-Dumotia Road | 3 | N | N | N | 27 | N | | 8 | 3 | 0 | 0.0 | 4 | 0.0 | 3.0 | 18.0 | 34 | -1% |
| RR - 27 Pathar-Aliara Road | 4 | Y | Y | N | 36 | N | | 8 | 3 | 2 | 3.8 | 8 | 0.0 | 0.0 | 24.8 | 23 | 4% |
| RR - 28 Palakhal-Charabanga Road | 3 | N | Y | Y | 37 | N | | 9 | 1 | 0 | 0.0 | 6 | 1.9 | 0.0 | 17.9 | 35 | 3% |
| RR - 29 Tema-Botochow Road | 4 | N | N | Y | 38 | N | Drop | | | | | | | | | | |
| RR - 30 Rahimanagar-Parampur Road | 3 | N | Y | Y | 9 | N | | 8 | 3 | 3 | 0.0 | 8 | 0.0 | 12.0 | 34.0 | 16 | 4% |
| RR - 31 Monohorpur-Lowkora Road | 3 | Y | Y | N | 28 | N | | 8 | 3 | 0 | 7.5 | 10 | 2.3 | 1.5 | 32.3 | 17 | 6% |
| RR - 32 Koa-Domoria Road | 3 | N | Y | N | 10 | N | | 6 | 2 | 0 | 0.0 | 6 | 2.3 | 10.5 | 26.8 | 21 | -1% |
| RR - 33 Koraisih-Khidda Road | 4 | N | Y | Y | 39 | N | | 11 | 3 | 0 | 0.0 | 18 | 0.0 | 0.0 | 32.0 | 18 | 8% |
| RR - 34 Monkhola-Katline Road | 3 | N | Y | Y | 16 | N | | 6 | 2 | 3 | 0.0 | 6 | 0.0 | 7.5 | 24.5 | 24 | -2% |
| RR - 35 Hossainpur-Changini Road | 3 | N | N | N | 29 | N | Drop | | | | | | | | | | |
| RR - 36 Rahima Nagor Subidpur via Mear Bazar | 2 | N | N | N | 8 | N | | 6 | 2 | 0 | 11.3 | 4 | 4.2 | 12.0 | 39.5 | 8 | 4% |

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

| | STEP 1 : Preliminary Screening | | | | | | | STEP : 2 Socioeconomic Ranking | | | | | | | STEP : 3 Economic Justification | | |
|--|--------------------------------|--|--|--|--------------------------------------|----------------------|-----------------------|---------------------------------------|------------------------------|--|--------------------------------------|-------------------|---------------------------|--------------------|---------------------------------|-------------|-----------------------|
| | Road Classification | Linkage to market and/or administration center | Population Served (More than 600 persons/Km) | Availability of Alternative Transportation Means | Priority Ranking Prepared by Upazila | Environmental Impact | Preliminary Screening | Economic Activities : Quality of Life | | | | | | | | | |
| | | | | | | | | Agricultural Potential | Degree of Access Improvement | Existence of Parallel Development Activities | Linkage to Local and Regional Market | Population Served | Access to Social Services | Request by Upazila | | Total Score | Socioeconomic Ranking |
| FB - 1 Nabinagar - B.Baria | 1 | Y | Y | N | 2 | N | | 18 | 1 | 0 | 15.0 | 20 | 10.1 | 13.5 | 77.6 | 1 | 13% |
| FB - 2 Nabinagar - Bancharampur | 1 | Y | Y | N | 3 | N | | 11 | 1 | 0 | 15.0 | 20 | 11.3 | 12.0 | 70.3 | 3 | 15% |
| RR - 1 Kaitala College - Mohesh Road | 3 | Y | Y | N | 3 | N | | 12 | 3 | 0 | 7.5 | 8 | 6.4 | 0.0 | 36.9 | 15 | 6% |
| RR - 2 Jenuapur - Jamuna River | 3 | Y | Y | N | 6 | N | | 11 | 3 | 3 | 15.0 | 6 | 1.9 | 7.5 | 47.4 | 8 | 4% |
| RR - 3 Karabari - Rasnuliabad | 3 | N | Y | N | 3 | N | | 12 | 3 | 0 | 0.0 | 8 | 0.0 | 0.0 | 23.0 | 32 | 6% |
| RR - 4 Majara Girl's School - Bitibishara | 3 | N | Y | N | 6 | N | | 16 | 3 | 0 | 0.0 | 16 | 4.5 | 7.5 | 47.0 | 10 | 14% |
| RR - 5 Baishmuja Bazar - Gajirkandi via Birgoan | 3 | Y | Y | N | 3 | N | | 17 | 3 | 0 | 7.5 | 18 | 2.3 | 0.0 | 47.8 | 7 | 11% |
| RR - 6 Jenuapur - Bhatuird | 3 | Y | Y | Y | 7 | N | | 9 | 3 | 3 | 15.0 | 8 | 6.1 | 6.0 | 50.1 | 6 | 5% |
| RR - 7 Barikandi Launch Ghat - Jallird | 3 | N | Y | N | 3 | N | | 10 | 3 | 0 | 0.0 | 12 | 0.0 | 0.0 | 25.0 | 27 | 10% |
| RR - 8 Jafarpur - Jamuna River | 3 | Y | Y | N | 8 | N | | 14 | 3 | 3 | 15.0 | 12 | 1.9 | 4.5 | 53.4 | 5 | 15% |
| RR - 9 Norshingpur - Chitú | 3 | Y | Y | N | 3 | N | | 12 | 3 | 0 | 0.0 | 14 | 1.9 | 0.0 | 30.9 | 20 | 11% |
| RR - 10 Link Road (R&H - Mohesh Road) | 3 | N | Y | N | 1 | N | | 6 | 3 | 0 | 0.0 | 6 | 2.3 | 15.0 | 32.3 | 18 | 3% |
| RR - 11 Loufatapur - Kaligonj Bazar | 3 | N | N | N | 3 | N | | | | | | | | | | | |
| RR - 12 Dhari - Sirceapur - Lahari | 3 | N | Y | N | 3 | N | Drop | | | | | | | | | | |
| RR - 13 Aliabad - Gopalpur | 3 | N | Y | N | 3 | N | | 12 | 3 | 0 | 0.0 | 12 | 0.0 | 0.0 | 27.0 | 26 | 10% |
| RR - 14 Shamegrani - Solingonj | 3 | Y | Y | N | 3 | N | | 12 | 3 | 0 | 0.0 | 12 | 2.3 | 0.0 | 29.3 | 22 | 7% |
| RR - 15 Mohesh Road - Goal - Rasulpur | 2 | Y | Y | Y | 3 | N | | 9 | 3 | 7 | 11.3 | 18 | 6.4 | 9.0 | 63.7 | 4 | 16% |
| RR - 16 Dashmouja - Jenuapur | 3 | N | Y | N | 6 | N | | 16 | 3 | 0 | 11.3 | 20 | 11.3 | 15.0 | 76.6 | 2 | 12% |
| RR - 17 R&H Road - Kazirabad via Bolachang Bazar | 3 | Y | Y | N | 4 | N | | 12 | 3 | 0 | 0.0 | 16 | 0.0 | 7.5 | 38.5 | 12 | 2% |
| RR - 18 Raulanabad - Ratanpur via Mullah | 3 | Y | Y | N | 4 | N | | 10 | 3 | 4 | 15.0 | 6 | 0.0 | 0.0 | 38.0 | 13 | 6% |
| RR - 19 Nurjanapur - Muktarapur | 3 | N | Y | N | 3 | N | | 10 | 3 | 0 | 7.5 | 10 | 6.4 | 10.5 | 47.4 | 9 | 9% |
| RR - 20 Maniknagar Launch Ghat - Khagatola Bazar | 3 | Y | Y | N | 3 | N | | 8 | 3 | 0 | 7.5 | 10 | 2.3 | 0.0 | 30.8 | 21 | 11% |

Table G.1.16 Selection of Priority Road (Nabinagar Upazila) (2/3)

| | STEP 1 : Preliminary Screening | | | | | | | STEP : 2 Socioeconomic Ranking | | | | | | | STEP : 3 Economic Justification (IRR) | | | |
|---|--------------------------------|--|--|--|--------------------------------------|----------------------|-----------------------|--------------------------------|------------------------------|--|--------------------------------------|-------------------|---------------------------|--------------------|---------------------------------------|-----------------------|-------------|----|
| | Road Classification | Linkage to market and/or administration center | Population Served (More than 600 persons/Km) | Availability of Alternative Transportation Means | Priority Ranking Prepared by Upazila | Environmental impact | Preliminary Screening | Economic Activities | | | | | | | | Socioeconomic Ranking | | |
| | | | | | | | | Agricultural Potential | Degree of Access Improvement | Existence of Parallel Development Activities | Linkage to Local and Regional Market | Population Served | Access to Social Services | Request by Upazila | | | Total Score | |
| RR - 21 Dhapunia - Shibpur High School | 4 | N | N | N | | N | Drop | 14 | 3 | 3 | 0 | 0 | 6 | 2.3 | 0 | 28.3 | 25 | 5% |
| RR - 22 Monipur - Naichar Bazar | 3 | N | Y | N | | N | | 7 | 3 | 0 | 0 | 10 | 0.0 | 0 | 20.0 | 34 | 2% | |
| RR - 23 Kaligoanj - Dobachail | 2 | N | Y | N | | N | Drop | | | | | | | | | | | |
| RR - 24 Rajapur - Goparpur South Para | 3 | N | N | N | | N | | 14 | 3 | 0 | 0 | 8 | 0.0 | 0 | 25.0 | 29 | 9% | |
| RR - 25 Krasimagar - Bauahat | 3 | N | Y | N | 5 | N | | 8 | 3 | 3 | 0 | 8 | 0.0 | 9 | 31.0 | 19 | 0% | |
| RR - 26 Nabinagar - Karimshah Bazar | 3 | N | Y | N | 5 | N | | 10 | 3 | 0 | 0 | 10 | 2.3 | 12 | 37.3 | 14 | 5% | |
| RR - 27 Alamnagar - Charlapang - Islampur | 3 | N | Y | N | | N | | 14 | 3 | 3 | 0 | 12 | 4.2 | 0 | 36.2 | 16 | 18% | |
| RR - 28 Bikgoan - Kadarkhala | 4 | Y | Y | N | | N | Drop | | | | | | | | | | | |
| RR - 29 Shahapur Veterinary Hospital - Kaligoni Dobachail | 3 | N | N | N | | N | | | | | | | | | | | | |
| RR - 30 Bolachang Bazar - Nabinagar/Bancharampur Road via Belanagar | 3 | N | N | Y | | N | Drop | | | | | | | | | | | |
| RR - 31 Nabinagar - Aalamnagar | 3 | N | Y | N | | N | | 6 | 3 | 0 | 0 | 6 | 0.0 | 9 | 24.0 | 31 | -5% | |
| RR - 32 Imambari - Sharadar via Narui | 3 | N | Y | N | | N | | 14 | 3 | 0 | 0 | 12 | 0.0 | 0 | 29.0 | 24 | 8% | |
| RR - 33 Barail - Niokhi | 3 | N | N | N | | N | Drop | | | | | | | | | | | |
| RR - 34 Mohesput Launch Ghat - Goti Goan via Bigat | 3 | Y | Y | N | | N | | 10 | 3 | 0 | 3.8 | 12 | 4.2 | 0 | 33.0 | 17 | 8% | |
| RR - 35 Dhara Baunga - Solirgouli | 3 | N | N | N | | N | Drop | | | | | | | | | | | |
| RR - 36 Konaghat - Maniknagar | 3 | N | Y | N | | N | | 8 | 3 | 0 | 0 | 12 | 0.0 | 0 | 17.0 | 35 | 6% | |
| RR - 37 Durgarampur Launch Ghat - Keshorepur | 4 | N | N | N | | N | Drop | | | | | | | | | | | |

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

| | STEP 1 : Preliminary Screening | | | | | | | | STEP 2 : Socioeconomic Ranking | | | | | | STEP 3 : Economic Justification | | |
|--|--------------------------------|--|--|--|--------------------------------------|----------------------|-----------------------|------------------------|--------------------------------|--|--------------------------------------|-------------------|---------------------------|-----------------------|---------------------------------|--------------------|-------------|
| | Road Classification | Linkage to market and/or administration center | Population Served (More than 600 persons/Km) | Availability of Alternative Transportation Means | Priority Ranking Prepared by Upazila | Environmental Impact | Preliminary Screening | Economic Activities | | | | | | Socioeconomic Ranking | Internal Rate of Return (IRR) | | |
| | | | | | | | | Agricultural Potential | Degree of Access Improvement | Existence of Parallel Development Activities | Linkage to Local and Regional Market | Population Served | Access to Social Services | | | Request by Upazila | Total Score |
| RR - 38. Lourfatepur - Hazipur | 3 | N | N | Y | N | N | Drop | 14 | 3 | 0 | 0.0 | 10 | 2.3 | 0 | 29.3 | 23 | 9% |
| RR - 39. Sshatrua - Rasullabad via Gaganathpur | 3 | N | Y | N | N | N | N | 13 | 3 | 4 | 3.8 | 12 | 4.2 | 0 | 40.0 | 11 | 12% |
| RR - 40. Kanikera - Merukua Bazar via Bogaura | 3 | Y | Y | N | N | N | N | 12 | 3 | 0 | 3.8 | 2 | 0.0 | 0 | 20.8 | 33 | 1% |
| RR - 41. Pandanagar - Merukua via Mala | 3 | Y | Y | N | N | N | N | 14 | 3 | 0 | 0.0 | 6 | 1.9 | 0 | 24.9 | 30 | 7% |
| RR - 42. Kurichar - Boruhil | 3 | N | N | N | N | N | Drop | | | | | | | | | | |
| RR - 43. Karabao - Barikhala | | | | | | | | | | | | | | | | | |

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

| | STEP 1 : Preliminary Screening | | | | | | STEP 2 : Socioeconomic Ranking | | | | | | STEP 3 : Economic Justification | | |
|--|--------------------------------|--|--|--|--------------------------------------|----------------------|--------------------------------|------------------------------|--|--------------------------------------|-------------------|---------------------------|---------------------------------|-----------------------|-------------------------------|
| | Road Classification | Linkage to market and/or administration center | Population Served (More than 600 persons/Km) | Availability of Alternative Transportation Means | Priority Ranking Prepared by Upazila | Environmental Impact | Preliminary Screening | Economic Activities | | | | | | Socioeconomic Ranking | |
| | | | | | | | | Quality of Life | | | | | | | |
| | | | | | | | Agricultural Potential | Degree of Access Improvement | Existence of Parallel Development Activities | Linkage to Local and Regional Market | Population Served | Access to Social Services | Request by Upazila | Total Score | Internal Rate of Return (IRR) |
| FB - B. Hornna - Marichakandi | 1 | Y | Y | Y | 1 | N | 12 | 3 | 10 | 15.0 | 14 | 15.0 | 15.0 | 84.0 | 17% |
| FB - B. Salimgonj - Kariakandi | 2 | Y | Y | N | 2 | N | 12 | 3 | 3 | 11.3 | 10 | 6.1 | 13.5 | 60.4 | 7% |
| FB - B. Bancharampur - Nabingar | 2 | Y | Y | N | 3 | N | 10 | 3 | 7 | 11.3 | 8 | 8.3 | 15.0 | 61.1 | 11% |
| RR - 1 Bancharampur - Dariachar | 3 | Y | Y | Y | 4 | N | 11 | 3 | 3 | 7.5 | 12 | 6.4 | 13.5 | 56.4 | 13% |
| RR - 2 Ujurchar - Dariachar - Bahorechar | 3 | Y | N | N | 5 | N | 8 | 3 | 0 | 7.5 | 4 | 0.0 | 12.0 | 34.5 | 2% |
| RR - 3 Basgari - Durgapur | 3 | N | N | N | 6 | N | 8 | 3 | 0 | 0.0 | 4 | 0.0 | 12.0 | 27.0 | 5% |
| RR - 4 Bahadurpur - Gokulnagar | 3 | N | N | Y | 7 | N | 8 | 3 | 0 | 0.0 | 2 | 0.0 | 10.5 | 23.5 | -2% |
| RR - 5 Bancharampur - Kalainagar Launch Ghat | 3 | N | Y | N | 8 | N | 9 | 3 | 0 | 0.0 | 6 | 0.0 | 10.5 | 25.5 | 10% |
| RR - 6 Jobongani Bazar - Bishnarampur | 3 | Y | Y | N | 9 | N | 8 | 3 | 0 | 3.8 | 8 | 1.9 | 9.0 | 33.7 | 8% |
| RR - 7 Bishnarampur - Jaikalipur | 3 | Y | Y | N | 10 | N | 6 | 3 | 0 | 7.5 | 4 | 1.9 | 9.0 | 33.4 | 9% |
| RR - 8 Ulukandi - Pabarakandi | 3 | N | N | Y | 11 | N | 9 | 3 | 0 | 0.0 | 8 | 2.3 | 7.5 | 25.8 | 4% |
| RR - 9 Shajimabad - Junarchar | 3 | N | Y | Y | 12 | N | 8 | 3 | 3 | 0.0 | 8 | 2.3 | 7.5 | 31.8 | 9% |
| RR - 10 Charahani - Purbahaty via Guaratoli | 3 | Y | Y | N | 13 | N | 8 | 3 | 3 | 0.0 | 8 | 4.2 | 6.0 | 32.2 | 6% |
| RR - 11 Fardabad - Junarchar | 3 | N | Y | N | 14 | N | 10 | 3 | 0 | 0.0 | 8 | 0.0 | 4.5 | 25.5 | 7% |
| RR - 12 Kalainagar Launch Ghat - Rupashdi | 3 | Y | Y | N | 15 | N | 12 | 3 | 0 | 7.5 | 14 | 3.8 | 3.0 | 43.3 | 14% |
| RR - 13 Rupashdi - Burberia | 3 | Y | N | N | 16 | N | 6 | 3 | 0 | 0.0 | 2 | 1.9 | 1.5 | 14.4 | 3% |
| RR - 14 Rupashdi - Ashrafabad | 3 | N | N | N | 17 | N | 8 | 3 | 0 | 0.0 | 4 | 2.3 | 0.0 | 17.3 | 8% |
| RR - 15 Sarifpur - Parauli | 3 | N | N | N | 18 | N | | | | | | | | | |
| RR - 16 Sunarampur - Shantipur | 4 | N | N | N | 19 | N | | | | | | | | | |
| RR - 17 Barakandi - Jaikalipur Launch Ghat | 4 | N | N | N | 20 | N | | | | | | | | | |
| RR - 18 Darikandi - Gukolnagar via Inamnagar | 3 | N | Y | Y | 21 | N | | | | | | | | | |

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

| | STEP 1 : Preliminary Screening | | | | | | STEP : 2 Socioeconomic Ranking | | | | | | STEP : 3 Economic Justification | | | | |
|--|--------------------------------|--|--|--|--------------------------------------|----------------------|--------------------------------|------------------------|------------------------------|--|--------------------------------------|-------------------|---------------------------------|-------------|-----------------------|-------------------------------|--------------------|
| | Road Classification | Linkage to market and/or administration center | Population Served (More than 600 persons/Km) | Availability of Alternative Transportation Means | Priority Ranking Prepared by Upazila | Environmental impact | Preliminary Screening | Economic Activities | | | | | | Total Score | Socioeconomic Ranking | Internal Rate of Return (IRR) | |
| | | | | | | | | Agricultural Potential | Degree of Access Improvement | Existence of Parallel Development Activities | Linkage to Local and Regional Market | Population Served | Access to Social Services | | | | Request by Upazila |
| | | | | | | | | | | | | | | | | | |
| RR - 19 Bahorchar South Para - Bahorchar | 4 | N | Y | N | 22 | N | | 8 | 3 | 0 | 0 | 6 | 0 | 0 | 170 | 18 | 5% |
| RR - 20 Rupasdi - Khairpur | 4 | N | Y | N | 23 | N | | 10 | 3 | 0 | 0 | 8 | 0 | 0 | 210 | 16 | 6% |
| RR - 21 Hossainpur Road | 3 | N | N | N | 24 | N | Drop | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

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

| | STEP 1 : Preliminary Screening | | | | | | | STEP : 2 Socioeconomic Ranking | | | | | | | STEP : 3 Economic Justification | | |
|--------------------------------------|--------------------------------|--|--|--|--------------------------------------|----------------------|-----------------------|--------------------------------|------------------------------|--|--------------------------------------|-------------------|---------------------------|--------------------|---------------------------------|-----------------------|-------------------------------|
| | Road Classification | Linkage to market and/or administration center | Population Served (More than 600 persons/Km) | Availability of Alternative Transportation Means | Priority Ranking Prepared by Upazila | Environmental Impact | Preliminary Screening | Economic Activities | | | | Quality of Life | | | Total Score | Socioeconomic Ranking | Internal Rate of Return (IRR) |
| | | | | | | | | Agricultural Potential | Degree of Access Improvement | Existence of Parallel Development Activities | Linkage to Local and Regional Market | Population Served | Access to Social Services | Request by Upazila | | | |
| FB - 1 Madhya - Compaingoni | 1 | Y | Y | N | 1 | N | | 11 | 3 | 0 | 15.0 | 16 | 8.3 | 15.0 | 68.3 | 1 | 6% |
| FB - 2 Kalikapur - Istagram | 1 | Y | Y | N | 2 | N | | 14 | 1 | 0 | 15.0 | 16 | 6.1 | 15.0 | 67.1 | 2 | 14% |
| FB - 3 Barai - Gobindpur | 1 | Y | Y | N | 3 | N | | 11 | 1 | 0 | 15.0 | 10 | 0.0 | 13.5 | 59.5 | 5 | 5% |
| RR - 1 Debidwar - Istagram | 1 | Y | Y | N | 4 | N | | 10 | 1 | 0 | 15.0 | 8 | 4.2 | 13.5 | 51.7 | 3 | 10% |
| RR - 2 Fulali - Choyruihani | 3 | Y | N | N | 5 | N | | 9 | 1 | 0 | 7.5 | 4 | 4.5 | 12.0 | 38.0 | 10 | 5% |
| FB - 4 Sepera - Sultanpur | 3 | Y | Y | N | 6 | N | | 10 | 1 | 0 | 7.5 | 10 | 4.2 | 12.0 | 44.7 | 7 | 11% |
| FB - 5 Yusufpur - Pirgoni | 3 | Y | N | N | 7 | N | | 6 | 1 | 4 | 15.0 | 10 | 4.2 | 10.5 | 50.7 | 4 | 4% |
| FB - 6 Charbakar - Nabaabad G.C.C.R. | 3 | Y | Y | N | 8 | N | | 10 | 3 | 4 | 11.3 | 6 | 4.2 | 10.5 | 49.0 | 6 | 3% |
| RR - 3 Monghala - Modonogor | 3 | Y | Y | N | 9 | N | | 12 | 3 | 0 | 0.0 | 10 | 6.4 | 9.0 | 40.4 | 9 | 12% |
| FB - 7 Jafargoni - Borokaria | 1 | Y | Y | N | 10 | N | | 12 | 1 | 0 | 0.0 | 8 | 6.1 | 9.0 | 36.1 | 11 | 7% |
| RR - 4 Debidwar - Atapur | 2 | Y | Y | N | 11 | N | | 12 | 3 | 0 | 0.0 | 10 | 8.3 | 7.5 | 40.8 | 8 | 9% |
| RR - 5 Fulali - Khirakandi | 3 | N | Y | N | 12 | N | | 13 | 3 | 0 | 0.0 | 6 | 2.3 | 7.5 | 31.8 | 14 | 6% |
| RR - 6 Virallah - Modhumura | 3 | Y | Y | N | 13 | N | | 10 | 3 | 0 | 7.5 | 6 | 2.3 | 6.0 | 34.8 | 13 | 7% |
| RR - 7 Boroalompur - Dharni | 3 | Y | Y | Y | 14 | N | | 8 | 1 | 0 | 3.8 | 6 | 0.0 | 4.5 | 23.3 | 16 | 5% |
| RR - 8 Lokhipur - Barashaighor | 3 | Y | Y | N | 15 | N | | 10 | 3 | 0 | 3.8 | 10 | 1.9 | 3.0 | 31.7 | 15 | 9% |
| RR - 9 Tebaria - Chotna | 3 | N | Y | N | 16 | N | | 16 | 3 | 0 | 0.0 | 12 | 2.3 | 1.5 | 34.8 | 12 | 19% |
| RR - 10 Jafargoni - Rajarahaer | 3 | N | N | Y | 17 | N | Drop | | | | | | | | | | |
| RR - 11 Hossainpur - Bakosar | 3 | N | N | Y | 18 | N | Drop | | | | | | | | | | |
| RR - 12 Banur - Biranmondol | 3 | N | N | Y | 19 | N | Drop | | | | | | | | | | |
| RR - 13 Sibunogor - Sultanpur | 3 | N | N | Y | 20 | N | Drop | | | | | | | | | | |

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

| Economic Ranking | NAME OF ROAD | Length of Accumulated Road Length | | No. of Struc. | | | |
|------------------|---|-----------------------------------|-------|---------------|-----|-----|-----|
| | | | | | | | |
| Phase - I | 1 FB - B Kachua- Sachaer G.C.C Road | 15.5 | 15.5 | 26 | 26 | | |
| | 2 FB - B Kachua- Upazila Parishad Road | 1.7 | 17.2 | 2 | 28 | | |
| | 3 RR - 4 Sachaer- Amirabad Road | 5.5 | 22.7 | 9 | 37 | | |
| | 4 RR - 1 Kachua- Kashimpur Road | 14.5 | 37.2 | 13 | 50 | | |
| | 5 RR - 2 Kachua- Ragunihpur Road | 6.5 | 43.7 | 15 | 65 | | |
| | 6 RR - 3 Kachua- Nowabpur Road | 8.0 | 51.7 | 10 | 75 | | |
| Phase - II | 7 RR - 36 Rahima Nagor Subidpur via Meair Bazar | 13.0 | 64.7 | 9 | 84 | | |
| | 8 RR - 11 Uzani- Boxgonj Road | 9.0 | 73.7 | 14 | 98 | | |
| | 9 RR - 8 Palahal- Aljara Road | 6.5 | 80.2 | 12 | 110 | | |
| | 10 RR - 6 Pipulkora- Rahimanagor Road | 20.0 | 100.2 | 18 | 128 | | |
| | 11 RR - 5 Kachua- Teguria Road | 12.0 | 112.2 | 14 | 142 | | |
| | 12 RR - 12 Layamchaer- Aljara Road | 11.0 | 123.2 | 15 | 157 | | |
| | 13 RR - 13 Sachaer- Modhupur Road | 5.5 | 128.7 | 77.0 | 8 | 165 | 90 |
| Phase - III | 14 RR - 14 Sachaer- Ragdoil- Bayek Road | 8.0 | 136.7 | 12 | 177 | | |
| | 15 RR - 30 Rahimanagor- Paranpur Road | 5.0 | 141.7 | 8 | 185 | | |
| | 16 RR - 31 Monoharpur- Lowkora Road | 6.5 | 148.2 | 12 | 197 | | |
| | 17 RR - 33 Koratish- Khidda Road | 3.5 | 151.7 | 6 | 203 | | |
| | 18 RR - 10 Palgiri- Darbeshgonj Road | 8.0 | 159.7 | 14 | 217 | | |
| | 19 RR - 7 Baratolagoan- Monoharpur Road | 11.5 | 171.2 | 14 | 231 | | |
| | 20 RR - 32 Koa- Dumoria Road | 3.5 | 174.7 | 5 | 236 | | |
| | 21 RR - 16 Bachaya- Prashannakap Road | 6.5 | 181.2 | 11 | 247 | | |
| | 22 RR - 27 Pathair- Aljara Road | 6.5 | 187.7 | 8 | 255 | | |
| | 23 RR - 34 Monkhola- Kailinc Road | 2.5 | 190.2 | 9 | 264 | | |
| | 24 RR - 17 Baraiara- Modhupur Road | 5.5 | 195.7 | 14 | 278 | | |
| | 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- Jagotpur Road | 8.0 | 220.2 | 5 | 313 | | |
| | 28 RR - 21 Hasihpur- Darbeshgonj Road | 8.0 | 228.2 | 15 | 328 | | |
| | 29 RR - 9 Kachua- Batharish Road | 11.0 | 239.2 | 15 | 343 | | |
| | 30 RR - 25 Ragdoil- Gograbari Road | 4.0 | 243.2 | 8 | 351 | | |
| | 31 RR - 22 Uzani- Singdda Road | 8.0 | 251.2 | 15 | 366 | | |
| | 32 RR - 19 Amojan- Poyalgacha Road | 10.0 | 261.2 | 8 | 374 | | |
| | 33 RR - 26 Akania- Durnoria Road | 8.0 | 269.2 | 10 | 384 | | |
| | 34 RR - 28 Palakhal- Charabanga Road | 6.5 | 275.7 | 147.0 | 12 | 396 | 231 |

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

| Economic Ranking | NAME OF ROAD | Length of Accumulated Road Length | | No. of Struc. | |
|------------------|--|-----------------------------------|-------|---------------|-----|
| | | | | | |
| Phase - I | 1 FB - 1 Nabinagar - B.Baria | 4.7 | 4.7 | 2 | 2 |
| | 2 RR - 15 Mohesh Road - Goali - Rasulpur | 19.5 | 24.2 | 17 | 19 |
| | 3 FB - 2 Nabinagar - Bancharampur | 12.9 | 37.1 | 4 | 23 |
| | 4 RR - 14 Shamagram - Solimganj | 7.3 | 44.4 | 3 | 26 |
| | 18 RR - 10 Link Road (R&H - Mohesh Road) | 7.0 | 51.4 | 12 | 38 |
| Phase - II | 5 RR - 8 Jafurpur - Jununa River | 5.0 | 56.4 | 4 | 42 |
| | 6 RR - 6 Jenudpur - Bhatuadi | 13.0 | 69.4 | 15 | 57 |
| | 7 RR - 5 Baishnuja Bazar - Gajirkandi via Birgoan | 4.0 | 73.4 | 8 | 65 |
| | 8 RR - 2 Jenudpur - Januala River | 7.0 | 80.4 | 6 | 71 |
| | 9 RR - 18 Raullahbad - Ratanpur via Mullah | 6.0 | 86.4 | 6 | 77 |
| | 10 RR - 4 Majiara Girl's School - Bitibishara | 7.0 | 93.4 | 10 | 87 |
| | 11 RR - 40 Kanikara - Merukuta Bazar via Bagaura | 8.0 | 101.4 | 7 | 94 |
| | 12 RR - 16 Dashmuja - Jenudpur | 4.5 | 105.9 | 7 | 101 |
| | 13 RR - 17 R&H Road - Kazimabad via Bolachang Ba | 4.0 | 109.9 | 4 | 105 |
| | 14 RR - 27 Alamnagar - Churilopang - Islampur | 9.0 | 118.9 | 8 | 113 |
| Phase - III | 15 RR - 1 Kaitala College - Mohesh Road | 9.0 | 127.9 | 8 | 121 |
| | 16 RR - 28 Bikgoan - Kadarkhala | 3.5 | 131.4 | 4 | 125 |
| | 17 RR - 34 Moheshpur Launch Ghat - Gori Goan via H | 6.0 | 137.4 | 3 | 128 |
| | 19 RR - 26 Nabinagar - Karimshah Bazar | 5.5 | 142.9 | 4 | 132 |
| | 20 RR - 9 Norshingpur - Chitti | 3.5 | 146.4 | 3 | 135 |
| | 21 RR - 20 Maniknagar Launch Ghat - Khagatoa Baza | 7.5 | 153.9 | 7 | 142 |
| | 22 RR - 13 Aliabad - Gopalpur | 4.0 | 157.9 | 7 | 149 |
| | 23 RR - 39 Sshatmua - Rasullabad via Gaganathpur | 7.5 | 165.4 | 7 | 156 |
| | 24 RR - 32 Imambaril - Sharder via Narui | 5.0 | 170.4 | 6 | 162 |
| | 25 RR - 22 Monipur - Naichar Bazar | 12.0 | 182.4 | 13 | 175 |
| | 26 RR - 12 Dhari - Shucerapur - Lahari | 3.5 | 185.9 | 3 | 178 |
| | 27 RR - 7 Barikandi Launch Ghat - Jallird | 8.0 | 193.9 | 7 | 185 |
| | 28 RR - 19 Nurjahanpur - Muktarampur | 5.0 | 198.9 | 4 | 189 |
| | 29 RR - 25 Krishnagar - Baluahat | 2.0 | 200.9 | 2 | 191 |
| | 30 RR - 42 Kurichar - Boruhit | 6.5 | 207.4 | 7 | 198 |
| | 31 RR - 31 Nabinagar - Aalamnagar | 2.5 | 209.9 | 4 | 202 |
| | 32 RR - 3 Karaibari - Rashullabad | 6.5 | 216.4 | 4 | 206 |
| | 33 RR - 41 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 - Maniknagar | 7.5 | 241.9 | 7 | 248 |

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. | | | |
|------------------|---|-----------------------------------|-------|---------------|----|-----|----|
| | | | | | | | |
| Phase - I | 1 FB - B Homna - Marichakandi | 22.4 | 22.4 | | 12 | 12 | |
| | 2 FB - B Bancharampur - Nabinagar | 19.2 | 41.6 | | 20 | 32 | |
| | 3 FB - B Salimgonj - Kuriakandi | 13.7 | 55.3 | | 9 | 41 | |
| | 4 RR - 1 Bancharampur - Dariachar | 11.2 | 66.5 | 66.5 | 8 | 49 | 49 |
| Phase - II | 5 RR - 12 Kalainagar Launch Ghat - Rupashdi | 6.4 | 72.9 | | 2 | 51 | |
| | 6 RR - 2 Ujunchar - Dariachar - Bahorechar | 11.2 | 84.1 | | 11 | 62 | |
| | 7 RR - 6 Jobonganj Bazar - Bishnarampur | 8.0 | 92.1 | | 4 | 66 | |
| | 8 RR - 7 Bishnarampur - Jaikolipur | 12.8 | 104.9 | | 5 | 71 | |
| | 9 RR - 10 Charlahani - Purbahaty via Guaretoli | 9.6 | 114.5 | 48.0 | 11 | 82 | 33 |
| Phase - III | 10 RR - 9 Shalimabad - Junarchar | 19.2 | 133.7 | | 16 | 98 | |
| | 11 RR - 3 Bashgari - Durgapur | 6.4 | 140.1 | | 3 | 101 | |
| | 12 RR - 8 Ulukandi - Pahariakandi | 8.0 | 148.1 | | 5 | 106 | |
| | 13 RR - 5 Bancharampur - Kalainagar Launch Ghat | 8.0 | 156.1 | | 2 | 108 | |
| | 14 RR - 11 Fardabad - Junarchar | 6.4 | 162.5 | | 6 | 114 | |
| | 15 RR - 4 Bahadurpur - Gokulnagar | 8.0 | 170.5 | | 5 | 119 | |
| | 16 RR - 20 Rupashdi - Kaurpur | 3.2 | 173.7 | | 4 | 123 | |
| | 17 RR - 14 Rupashdi - Ashrafabad | 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 Struc. | | | |
|------------------|---|-----------------------------------|-------|---------------|----|-----|-------|
| | | | | | | | |
| Phase - I | 1 FB - B Madhya - Companygonj | 16.4 | 16.4 | | 20 | 20 | |
| | 2 FB - B Kalikapur - Istagram | 12.0 | 28.4 | | 16 | 36 | |
| | 3 RR - 1 Debidwar - Istagram | 16.8 | 45.2 | | 14 | 50 | |
| | 4 FB - B Yusufpur - Prigoni | 2.5 | 47.7 | 47.7 | 4 | 54 | 54.0 |
| Phase - II | 5 FB - B Barat - Gobindpur | 8.2 | 55.9 | | 14 | 68 | |
| | 6 FB - B Charbakar - Nabinabad G.C.C.R. | 10.1 | 66.0 | | 11 | 79 | |
| | 7 FB - B Sepera - Sultanpur | 6.0 | 72.0 | | 2 | 81 | |
| | 8 RR - 4 Debidwar - Atapur | 12.4 | 84.4 | | 19 | 100 | |
| | 9 RR - 3 Monglata - Mudonogor | 12.1 | 96.5 | 48.8 | 9 | 109 | 55.0 |
| Phase - III | 10 RR - 2 Fultali - Chowmuhani | 20.3 | 116.8 | | 15 | 124 | |
| | 11 FB - B Jafargonj - Borokanta | 11.4 | 128.2 | | 15 | 139 | |
| | 12 RR - 9 Tebaria - Chotna | 5.2 | 133.4 | | 3 | 142 | |
| | 13 RR - 6 Virallah - Modhumura | 9.9 | 143.3 | | 11 | 153 | |
| | 14 RR - 5 Fultali - Khirakandi | 14.9 | 158.2 | | 18 | 171 | |
| | 15 RR - 8 Lokhipur - Barashaighor | 20.3 | 178.5 | | 26 | 197 | |
| | 16 RR - 7 Boroalompur - Dhamti | 9.1 | 187.6 | 91.1 | 12 | 209 | 100.0 |

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

Kachua Upazila

| Item | Unit | Kachua | Sachar | Palakhaj | Rahimanagar | 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 | 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 | 1,600 | 1,600 | 1,600 | 8,960 |

Nabinagar Upazila

| 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 Upazila

| Item | 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 | 675 | 810 | 675 | 2,700 |
| 4 Drain Ditch | m | 2,225 | 368 | 466 | 525 | 3,584 |
| 5 Garbage Pit | no | 13 | 6 | 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 |

Debidwar Upazila

| 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 | 7 | 6 | 29 |
| 6 Laterine | no | 1 | 1 | 1 | 1 | 4 |
| 7 Water Supply System | no | 1 | 1 | 1 | 1 | 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

| Item | Unit | Kachua | Sachar | Palakhai | Rahimanagar | 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 |

Nabinagar Upazila

| 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 | 1 | 1 | 1 | 4 |
| 7 Water Supply System | no | 2 | 1 | 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 Upazila

| Item | 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 |

Debidwar Upazila

| Item | Unit | Debidwar | Pirganji | Mohaupur | 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 | 1 | 1 | 4 |
| 7 Water Supply System | no | 1 | 1 | 1 | 1 | 4 |
| 8 Concrete Pavement (t=150) | m2 | 3,568 | 195 | 195 | 230 | 4,188 |
| 9 Expansion Area | m2 | 2,080 | 0 | 0 | 0 | 2,080 |

**Table G.3.1 Installed Generating Capacity and
Maximum Demand for Electrification**

| Year | Installed Generating Capacity(MW) | Maximum Demand (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 |

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

| Year | Electrification | | Transmission line | | Distribution line | |
|---------|-----------------|--|-------------------|---------------------|-------------------|---------------------|
| | No of villages | Cumulative No. of villages electrified | No of miles | Cumulative miles | No of miles | Cumulative miles |
| 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 | 945 | 7,452 | 69 | 1,570 | 2,745 | 29,340 |
| 86/87 | 1,611 | 9,063 | 99 | 1,669 | 2,987 | 32,327 |
| 87/88 | 1,468 | 10,531 | 1 | 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

| 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) | Amount of Aid (Million US\$) | 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

(Unit : kcal/Capita/Day)

| Food Groups | Bangladesh | | | Rural | | | Urban | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 1981-82 | 1983-84 | 1985-86 | 1981-82 | 1983-84 | 1985-86 | 1981-82 | 1983-84 | 1985-86 |
| 1 Cereals | 1614.0 | 1679.4 | 1748.1 | 1616.0 | 1702.3 | 1781.1 | 1605.4 | 1504.5 | 1520.2 |
| Rice | 1383.4 | 1447.8 | 1543.8 | 1403.4 | 1476.1 | 1578.5 | 1259.9 | 1231.2 | 1304.1 |
| Wheat | 200.8 | 223.4 | 177.9 | 186.1 | 218.9 | 176.6 | 291.5 | 257.8 | 186.8 |
| Others | 29.8 | 8.2 | 26.4 | 26.5 | 7.3 | 26.0 | 54.0 | 15.5 | 29.3 |
| 2 Potato | 29.5 | 32.2 | 42.9 | 29.1 | 30.2 | 40.8 | 31.9 | 47.6 | 57.8 |
| 3 Vegetables | 43.5 | 53.3 | 61.4 | 43.9 | 53.2 | 61.2 | 41.0 | 54.5 | 62.8 |
| Leafy Vege. | - | 6.7 | 10.3 | - | 6.6 | 10.0 | - | 8.3 | 12.5 |
| Others | - | 46.6 | 51.1 | - | 46.6 | 51.2 | - | 46.2 | 50.3 |
| 4 Pulses | 46.2 | 87.9 | 64.7 | 43.0 | 89.6 | 63.7 | 65.9 | 75.0 | 71.6 |
| Masoor | 16.5 | 35.6 | 31.4 | 12.0 | 33.2 | 28.2 | 44.3 | 53.9 | 53.6 |
| Mashkalai | 6.1 | 4.8 | 3.0 | 6.8 | 5.3 | 3.3 | 2.1 | 1.8 | 1.3 |
| Kheshari | 19.4 | 17.7 | 23.7 | 20.7 | 18.8 | 26.0 | 11.6 | 8.8 | 7.4 |
| Others | 4.2 | 29.8 | 6.6 | 3.5 | 32.3 | 6.2 | 7.9 | 10.5 | 9.1 |
| 5 Milk & Milk Products | 13.2 | 19.5 | 26.7 | 11.2 | 17.5 | 25.3 | 25.4 | 34.8 | 36.6 |
| 6 Edible Oils | 38.9 | 70.2 | 67.6 | 30.6 | 66.4 | 61.8 | 90.3 | 98.7 | 107.5 |
| Mustard | 18.3 | 45.8 | 56.1 | 17.8 | 45.5 | 55.6 | 21.5 | 47.7 | 59.6 |
| Soyabean | 14.2 | 19.2 | 10.5 | 6.1 | 16.5 | 5.4 | 64.4 | 39.7 | 46.0 |
| Others | 6.4 | 5.2 | 1.0 | 6.7 | 4.4 | 0.8 | 4.4 | 11.3 | 1.9 |
| 7 Meat, Poultry & Eggs | 7.8 | 15.6 | 15.8 | 6.1 | 13.6 | 14.0 | 18.0 | 30.9 | 27.9 |
| Mutton | 1.0 | 1.9 | 1.5 | 0.5 | 1.6 | 1.3 | 3.8 | 3.4 | 3.2 |
| Beef | 2.4 | 4.9 | 5.3 | 1.7 | 4.4 | 4.4 | 6.7 | 9.0 | 11.7 |
| Chicken & Ducks | 2.5 | 2.3 | 2.6 | 2.1 | 2.1 | 2.3 | 4.3 | 4.4 | 4.1 |
| Eggs | 1.9 | 6.0 | 6.2 | 1.8 | 5.0 | 5.8 | 3.2 | 13.7 | 8.9 |
| Others | - | 0.5 | 0.2 | - | 0.5 | 0.2 | - | 0.4 | - |
| 8 Fish | 35.0 | 45.9 | 53.4 | 33.6 | 43.7 | 50.7 | 43.3 | 62.7 | 71.7 |
| 9 Condiments & Spices | 22.5 | 45.3 | 40.3 | 21.8 | 44.7 | 39.9 | 26.7 | 49.7 | 43.3 |
| Onion | 4.3 | 5.7 | 4.5 | 3.9 | 5.5 | 4.2 | 7.1 | 7.0 | 6.0 |
| Chillies | 10.1 | 9.5 | 12.3 | 10.3 | 9.5 | 12.3 | 9.0 | 9.2 | 13.0 |
| Others | 8.1 | 30.1 | 23.5 | 7.6 | 29.7 | 23.4 | 10.6 | 33.5 | 24.3 |
| 10 Fruits | 16.7 | 14.0 | 20.2 | 15.6 | 13.8 | 19.0 | 19.6 | 15.8 | 28.4 |
| 11 Sugar & Gur | 40.9 | 18.3 | 41.7 | 37.3 | 17.2 | 37.2 | 63.1 | 26.6 | 72.8 |
| Sugar | 8.3 | 5.3 | - | 3.2 | 4.3 | - | 39.9 | 12.7 | - |
| Gur | 29.4 | 10.4 | - | 31.2 | 11.0 | - | 18.3 | 6.3 | - |
| Others | 3.2 | 2.6 | - | 2.9 | 1.9 | - | 4.9 | 7.6 | - |
| 12 Miscellaneous | 17.0 | 20.3 | 8.4 | 17.1 | 20.4 | 8.7 | 17.0 | 19.4 | 6.4 |
| Total | 1925.2 | 2181.9 | 2191.2 | 1985.3 | 2112.6 | 2203.4 | 2047.6 | 2020.2 | 2107.0 |

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

Table G.7.2 Daily Per Capita Protein Intake

(Unit : kcal/Capita/Day)

| Food Groups | Bangladesh | | | Rural | | | Urban | | |
|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | 1981-82 | 1983-84 | 1985-86 | 1981-82 | 1983-84 | 1985-86 | 1981-82 | 1983-84 | 1985-86 |
| 1 Cereals | 36.97 | 38.20 | 39.12 | 36.76 | 38.62 | 39.80 | 38.17 | 34.99 | 34.45 |
| Rice | 29.15 | 30.50 | 32.52 | 29.57 | 31.10 | 33.25 | 26.54 | 25.94 | 27.47 |
| Wheat | 7.12 | 7.48 | 5.96 | 6.60 | 7.33 | 5.91 | 10.34 | 8.63 | 6.25 |
| Others | 0.70 | 0.22 | 0.64 | 0.59 | 0.19 | 0.64 | 1.29 | 0.42 | 0.73 |
| 2 Potato | 0.78 | 1.09 | 1.41 | 0.74 | 1.02 | 1.33 | 1.03 | 1.60 | 1.94 |
| 3 Vegetables | 1.80 | 2.06 | 3.17 | 1.77 | 1.99 | 3.09 | 1.95 | 2.61 | 3.73 |
| Leafy Vege. | - | 0.56 | 0.92 | - | 0.54 | 0.87 | - | 0.80 | 1.21 |
| Others | - | 1.50 | 2.25 | - | 1.45 | 2.22 | - | 1.81 | 2.52 |
| 4 Pulses | 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 |
| Khesari | 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 Products | 0.63 | 0.99 | 0.92 | 0.54 | 0.88 | 0.86 | 1.19 | 1.82 | 1.34 |
| 6 Edible Oils | 0.68 | 1.02 | 1.24 | 0.66 | 1.01 | 1.23 | 0.79 | 1.06 | 1.32 |
| 7 Meat, Poultry & Eggs | 2.71 | 2.27 | 2.26 | 2.26 | 2.01 | 1.98 | 5.45 | 4.32 | 4.22 |
| Mutton | 0.18 | 0.34 | 0.19 | 0.09 | 0.30 | 0.16 | 0.69 | 0.61 | 0.40 |
| 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 | 0.81 |
| 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 | 7.58 | 8.33 | 8.09 | 9.66 |
| 9 Condiments & Spices | 0.75 | 1.66 | 1.42 | 0.73 | 1.64 | 1.41 | 0.84 | 1.79 | 1.66 |
| Onion | 0.10 | 0.14 | 0.11 | 0.09 | 0.13 | 0.10 | 0.17 | 0.14 | 0.14 |
| Chillies | 0.45 | 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 | 0.39 | 0.74 | 1.03 | 0.38 | 0.69 | 0.51 | 0.47 | 1.02 |
| 11 Sugar & Gur | 0.33 | 0.04 | 0.01 | 0.25 | 0.03 | 0.01 | 0.82 | 0.14 | 0.01 |
| Sugar | 0.01 | - | - | 0.01 | - | - | 0.01 | 0.01 | - |
| Gur | - | - | - | - | - | - | - | - | - |
| Others | 0.32 | - | - | 0.24 | 0.03 | - | 0.81 | 0.13 | - |
| 12 Miscellaneous | 0.61 | 0.50 | 0.47 | 0.61 | 0.50 | 0.41 | 0.58 | 0.49 | 0.84 |
| Total | 56.21 | 60.93 | 63.50 | 55.48 | 60.68 | 63.23 | 64.80 | 62.86 | 65.42 |

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

