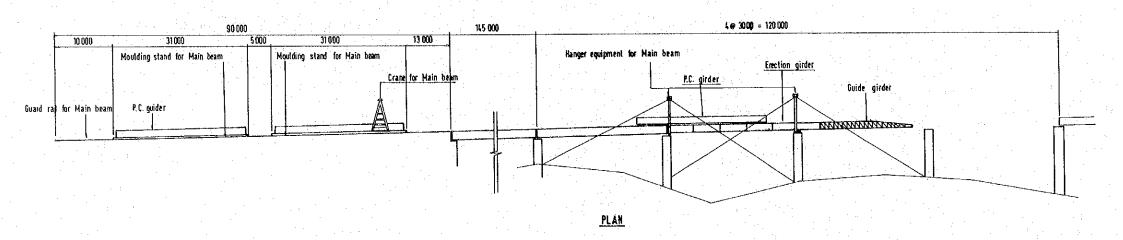
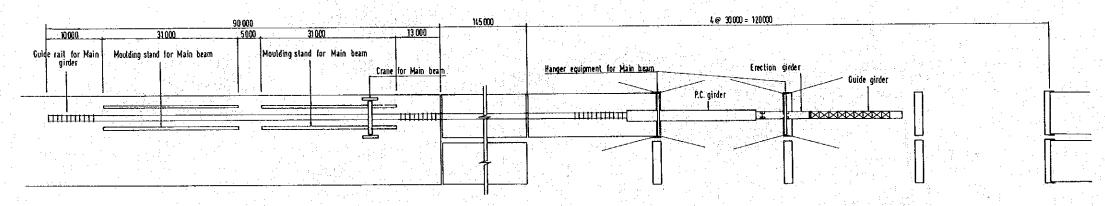


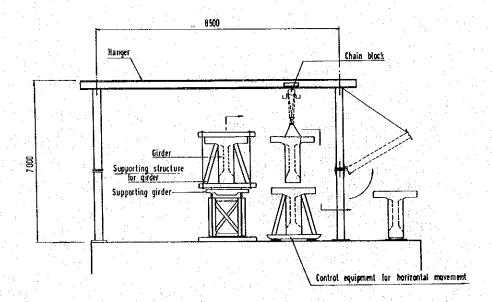
39 -41

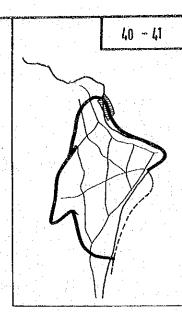
SIDE VIEW

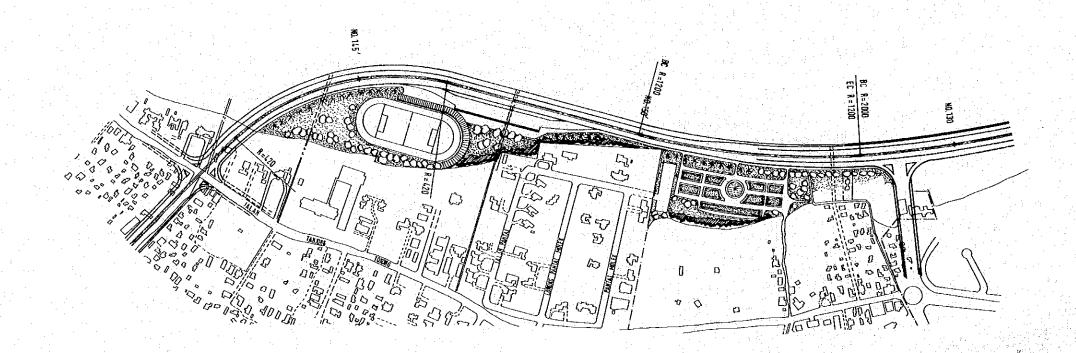


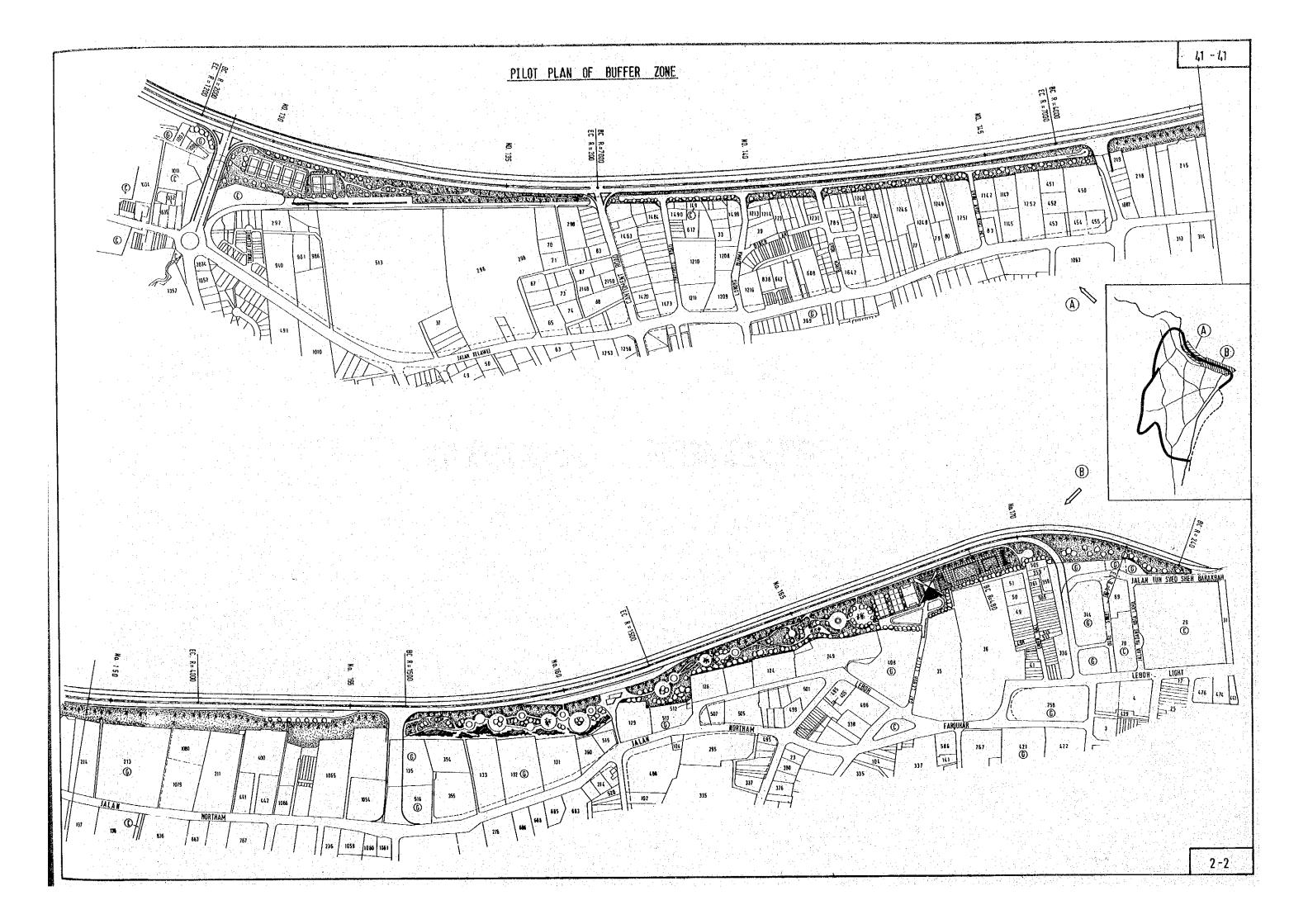


CROSS SECTION





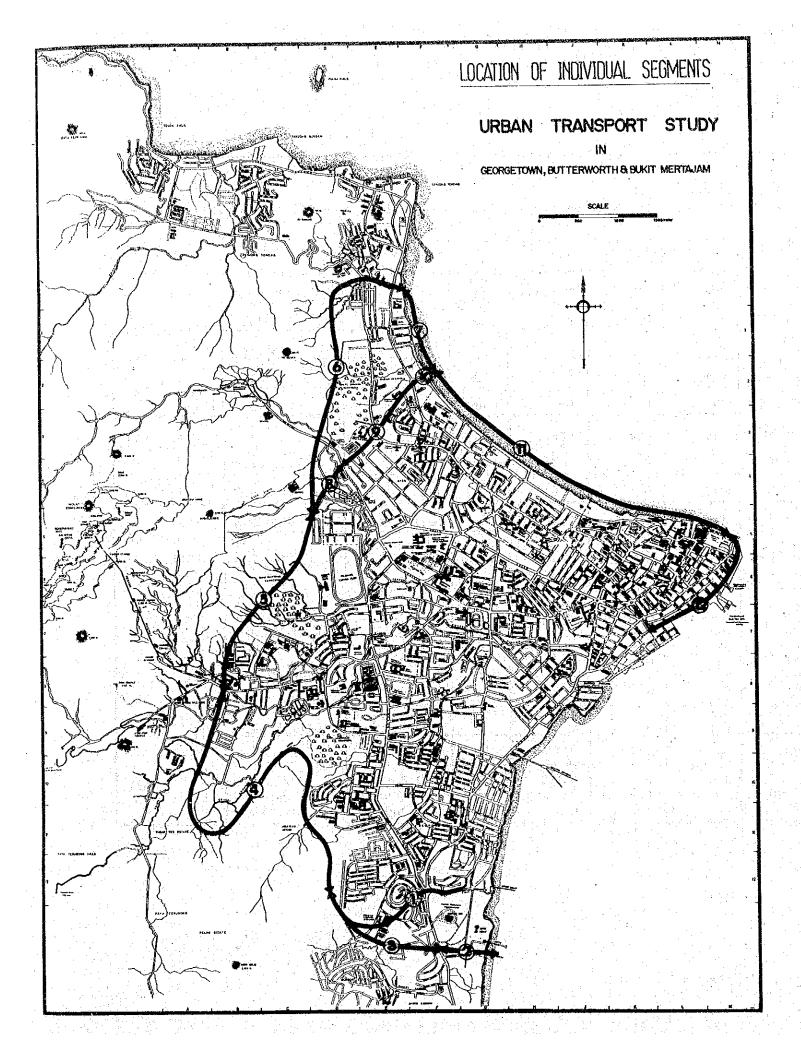




ESTIMATION OF CONSTRUCTION QUANTITY

OF

INDIVIDUAL SEGMENTS



THE LENGTH OF INDIVIDUAL SEGMENTS

| Segment | Station No. | Length (m) | Remarks |
|---------|--------------------------|------------|---------|
| . 1 | No −5 ~ No 20 | 2,500 | |
| 2 | No −7 ~ No 0 | 700 | |
| 3 | No 0 ~ No 20 | 2,000 | |
| 4 | No 20 ~ No 79 | 5,900 | |
| 5 | No 79 ~ No 100 | 2,100 | |
| 6 | No 100' ~ No 143' | 4,300 | |
| 7 | No 143' No 154' + 50 | 1,150 | |
| 8 | No 100 - No 112 | 1,200 | |
| 9 | No 112 ~ No 128 | 1,600 | |
| 10 | No 128 No 129 + 10 | 110 | |
| 11 | No 129 + 10 ~ No 173 + 0 | 3,390 | |
| 12 | No 173 ~ No 194 | 2,100 | |

(4-1ane)

QUANTITY LIST OF INDIVIDUAL SEGMENTS

| | | | | | | | | Quantity | | | | | | | |
|------------|--------------|--------------|----------------|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|----------|
| Item | Sub-Item | Class | Unit | Segment | Segment 2 | Segment 3 | Segment 4 | Segment 5 | Segment 6 | Segment 7 | Segment 8 | Segment 9 | Segment 10 | Segment 11 | Segment |
| | Residential | | m ² | 112,710 | 25,400 | 75,260 | 0 | 0 | 0 | 0 | 0 | 15,000 | 0 | 0 | 0 |
| Site | Field | | _m 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Clearing | Mountain | | m ² | 0 | 0 | 0 | 297,030 | 80,190 | 163,130 | 0 | 45,670 | 0 | 0 | 0 | 0 |
| | Soi1 | | _m 3 | 58,800 | 18,000 | 263,800 | 579,500 | 168,600 | 353,000 | 0 | 88,000 | 11,250 | 0 | 0 | 0 |
| Excavation | Rock | | m3 | 407,000 | 0 | 328,800 | 234,100 | 162,050 | 223,500 | 0 | 169,400 | 0 | 0 | 0 | 0 |
| Embankment | | | m ³ | 79,850 | 12,600 | 47,650 | 503,750 | 30,650 | 164,200 | 273,250 | 13,550 | | 0 | 1,490,660 | 0 |
| | Grass | | _m 2 | 15,950 | 1,160 | 12,690 | 44,520 | 17,790 | 29,850 | 0 | 9,400 | 0 | 0 | 0 | 0 |
| Slope | Concrete | | m ² | 25,700 | 0 | 23,260 | 23,970 | 14,480 | 21,590 | 0 | 14,470 | 0 | 0 | 0 | 0 |
| | Sidewalk | Grass & Tree | m ² | 5,000 | 1,160 | 755 | 0 | 0 | 0 | 1,150 | .0 | 1,500 | 200 | 44,500 | Ō |
| Turfing | Open Space | Grass | m ² | 0 | 0 | 0 | 16,450 | 0 | 0 | 0 | 0 | 0 | 0 | 157,400 | 0 |
| | | 0.5 x 1.0 | m | 5,000 | 1,600 | 4,000 | 4,500 | 0 | 1,600 | 1,150 | 0 | 1,500 | 400 | 8,900 | 4,000 |
| | Roadside | 1.0 x 1.0 | m | 5,000 | 0 | 1,100 | 3,600 | 2,150 | 7,000 | 0 | 1,120 | 0 | 0 | 0 | 0 |
| | Pipe Culvert | 600 | m | 150 | 60 | 120 | 468 | 172 | 344 | 92 | 89 | 90 | 0 | 360 | 0 |
| Drainage | D. 0.71 | 3.0 x 3.0 | m | 0 | 0 | 40 | 185 | 0 | 265 | 325 | 0 | 0 | 200 | 180 | 0 |
| | Box Culvert | 5.0 x 5.0 | TIS. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Demolishing | 0.5 x 1.0 | m | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,500 | 400 | 0 | 4,000 |
| | Concrete | H = 5.0 | m | 200 | O | 200 | 200 | 300 | 0 | 200 | 200 | 0 | 0 | 0 | 0 |
| Wa11 | Masonry | H = 5.0 | m | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Revetment | Stone | m | 0 | 0 | 0 | 0 | 0 | 0 | 1,150 | 0 | 0 | 0 | 4,450 | 0 |

QUANTITY LIST OF INDIVIDUAL SEGMENT (CON'T)

(4-lane)

| (4-lane) | garak da kabangan da kaban | | | | | 8 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | | <u>Yang kanasayan merupanan dalam bermalah bermala</u> | · | <u> </u> | <u> </u> | <u> </u> | | | |
|--------------|--|-------------------|----------------|---------|----------|---|--------------|--|--|--------------|---------------|--------------|---------------|----------------|---------------|
| | | | Arrent | | | | | Quantit | y | | | | | | |
| Item | Sub-Item | Class | Unit | Segment | Segment | Segment | Segment 4 | Segment 5 | Segment 6 | Segment 7 | Segment. 8 | Segment 9 | Segment 10 | Segment 11 | Segment 12 |
| | Carriageway | Asphalt | m ² | 35,600 | 14,200 | 33,400 | 90,280 | 28,440 | 50,240 | 18,400 | 18,400 | 12,000 | 0 | 71,200 | 0 |
| | Shoulder | Asphalt | m ² | 6,550 | 2,400 | 5,400 | 13,015 | 4,230 | 7,080 | 3,450 | 2,400 | 2,250 | 0 | 13,350 | 0 |
| Pavement | Service Road | Asphalt | m ² | 0 | 0 | 0 | 0 | 1,800 | 0 | 0 | 0 | 0 | . 0 | 0 | 0 |
| | Sidewalk | Concrete Block | m2 | 9,220 | 7,400 | 7,600 | 3,480 | 7,480 | 6,400 | 11,500 | 0 | 6,000 | 0 | 44,500 | 3,000 |
| | Overlay | Asphalt | ա ² | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,500 | 3,600 | 0 | 28,000 |
| | Kerb | Concrete | m | 5,000 | 1,600 | 4,000 | 11,700 | 4,300 | 8,600 | 2,300 | 2,240 | 3,000 | 400 | 8,900 | 4,000 |
| | Central Reserved | Concrete | m | 2,500 | 800 | 2,000 | 8,850 | 2,150 | 4,300 | 1,150 | 1,120 | 1,500 | 200 | 4,450 | 2,000 |
| Additional | Guard Rail | Steel | m | 5,000 | 800 | 1,000 | 4,500 | 2,150 | 4,300 | 2,300 | 0 | 3,000 | 200 | 8,900 | 4,000 |
| Facility | Lighting | Steel | m | 0 | 0 | 0. | 0 | 0 | Ö | 1,150 | 0 | 0 | 0 | 4,450 | 0 |
| | Lane-Marks | Paint | m | 2,500 | 800 | 2,000 | 5,850 | 2,150 | 4,300 | 1,150 | Ó | 1,500 | 200 | 4 , 450 | 0 |
| | At-grade | | No. | 1 | 1 | 1 | 2 | 0 | 3 | 0 | 0. | | 1 | 3 | 3 |
| Intersection | Interchange | | Vol. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T | L ≤ 50 | Concrete | 2 m | _ | <u>+</u> | _ | | - | <u> </u> | <u>-</u> | | | _ | - | |
| Bridge | L > 50 | Concrete | m ² | - 1 | | <u>.</u> | = | | - 44 | _ | | | - | | - |
| Approach | Road | | m | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 0 | 0 |

QUANTITY LIST OF INDIVIDUAL SEGMENTS

(2-1ane)

| | | | | | | | | Quant | ity | | | | | | |
|------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Item | Sub-Item | Class | Unit | Segment 1 | Segment 2 | Segment 3 | Segment 4 | Segment 5 | Segment 6 | Segment 7 | Segment 8 | Segment 9 | Segment 10 | Segment 11 | Segment 12 |
| | Residential | | m ² | 91,734 | 17,430 | 40,920 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site | Field ' | t en en | m ² | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Clearing | Mountain | | m ² | 0 | 0 | 0 | 190,690 | 55,660 | 118,125 | 0 | 35,170 | 0 | 0 | 0 | 0 |
| | Soi1 | | m3 | 170,300 | 10,600 | 204,900 | 433,240 | 136,650 | 272,050 | 0 | 64,350 | 0 | 0 | 0 | 0 |
| Excavation | Rock | | m3 | 31,800 | 0 | 258,800 | 183,000 | 140,100 | 178,700 | 0 | 13,200 | 0 | 0 | 0 | 0 |
| Embankment | | | _m 3 | 54,800 | 8,550 | 27,200 | 238,600 | 15,600 | 102,160 | 273,250 | 6,900 | 0 | 0 5 | 1,242,720 | 0 |
| | Grass | | m ² | 16,600 | 1,160 | 11,930 | 45,450 | 20,370 | 30,170 | 0 | 9,720 | 0. | 0 | 0 | 0 |
| S1ope | Concrete | | m ² | 26,600 | 0 | 24,560 | 26,700 | 16,720 | 23,050 | 0 | 16,470 | 0 | 0 | 0 | 0 |
| | Sidewalk | Grass & Tree | m ² | 5,000 | 1,160 | 755 | 0 | 0 | 0 | 1,150 | 0 | 0 | 0 | 0 | 0 |
| Turfing | Open Space | Grass | m ² | 0 | 0 | 0 | 16,450 | 0 | 0 | 0 | 0 | 0 | 0 | 157,400 | 0 |
| | ti are tue t | 0.5 x 1.0 | m | 5,000 | 1,160 | 4,000 | 4,500 | 0 | 1,600 | 1,150 | 0 | 0 | 0 | 8,900 | 0 |
| | Roadside | 1.0 x 1.0 | m | 5,000 | 0 | 1,100 | 3,600 | 2,150 | 7,000 | 0 | 1,120 | 0 | 0 | 0 | 0 |
| | Pipe Culvert | 600 | m | 75 | 60 | 80 | 351 | 114 | 229 | 92 | 89 | . 0 | 0 | 180 | 0 |
| | | 3.0 x 3.0 | m | 0 | 0 | 30 | 155 | 0 | 205 | 325 | 0 | 0 | 0 | 160 | 0 |
| Drainage | Box Culvert | 5.0,x 5.0 | m | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C | 0 |
| | Demolishing | 0.5 x 1.0 | m | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C | 0 |
| | Concrete | H = 5.0 | TD1 | 0 | 0 | 0 | 0_ | 300 | 0 | 0 | 0 | 0 | 0 | C |) 0 |
| Wall | Masonry | H = 5.0 | m | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C |) 0 |
| | Revetment | Stone | m | 0 | 0 | 0 | 0 | 0 | 0 | 1,150 | 0 | 0 | 0 | 4,450 | 0 |

QUANTITY LIST OF INDIVIDUAL SEGMENT (CON'T)

(2-lane)

| (2 TOHC) | | | وحديمينهم | _ | | | والمارية والمستوارية والمراجع | | | | | **** | | | |
|--------------|---------------------|-------------------|----------------|--------------|--------------|--------------|-------------------------------|--------------|--------------|---------|--------------|------------|---------------|---------------|---------------|
| | | | | | | | Q | wantity | | | | | | | |
| Item | Sub-Item | Class | Unit | Segment 1 | Segment 2 | Segment 3 | Segment 4 | Segment 5 | Segment 6 | Segment | Segment 8 | Segment | Segment 10 | Segment 11 | Segment 12 |
| | Carriageway | Asphalt | 2 m | 18,800 | 6,400 | 16,000 | 52,440 | 13,520 | 25,120 | 9,200 | 9,700 | 0 | 0 | 35,600 | 0 |
| | Shoulder | Asphalt | m ² | 7,050 | 2,400 | 6,000 | 19,665 | 5,070 | 9,420 | 1,725 | 3,645 | 0 | 0 | 6,675 | 0 |
| | Service Road | Aspha1t | m ² | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .0 | 0 | 0 | 0 | 0 |
| Pavement | Sidewalk | Concrete Block | m ² | 9,200 | 6,400 | 3,000 | 3,480 | 5,200 | 6,400 | 11,500 | 0 | 0 | 0 | 2,225 | 0 |
| | Overlay | Asphalt | m ² | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Kerb | Concrete | m | 5,000 | 1,600 | 4,000 | 0 | 4,300 | 8,600 | 2,300 | 2,240 | 0 | 0 | 0 | 0 |
| | Central Reserved | Concrete | m | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Additional | Guard Rail | Stee1 | m | 0 | 0 | 1,000 | 4,500 | 2,150 | 4,300 | 2,300 | 0 | 0 | 0 | 0 | 0 |
| Facility | Lighting | Steel | m | 0 | 0 | 0 | 0 | 0 | 0 | 1,150 | 0 | 0 | 0 | 0 | О |
| | Lane-Marks | Paint | m | 2,500 | 800 | 2,000 | 5,850 | 2,150 | 4,300 | 1,150 | 0 | 0 | 0 | 0 | 0 |
| Intersection | At-grade | | No. | 0 | 2 | 0 | 3 | 0 | 4 | 1 | 1 | ∞.0 | 0 | 4 | 0 |
| Intersection | Interchange | | Vol. | 0 | 1 | 0 | o | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bridge | L ≤ 50 | Concrete | m ² | - | - | <u> </u> | · · | - | | 1 | ş | - | | _ | _ |
| priage | L > 50 | Concrete | m ² | | - | - | - | _ | | - | | _ | | - | |
| Approach | Road | | m | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 0 |

ESTIMATION OF CONSTRUCTION COST

OF

INDIVIDUAL SEGMENTS

CONSTRUCTION COST FOR ROAD (4-lane)

4-lane
Unit: \$Million

| | | Segment 1 | Segment 2 | Segment 3 | Segment 4 | Segment 5 | Segment 6 | Segment 7 | Segment 8 | Segment 9 | Segment 10 | Segment 11 | Segment 12 |
|---------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| | F.C. | 4,633.5 | 1,228.6 | 3,568.1 | 5,506.7 | 2,144.4 | 3,936.8 | 2,029.8 | 1,646.1 | 647.7 | 195.1 | 9,572.6 | 582.7 |
| 180 | L.C. | 6,910.0 | 1,333.2 | 5,357.4 | 6,560.5 | 2,997.9 | 5,310.1 | 2,424.5 | 2,527.8 | 833.3 | 292.2 | 11,817.8 | 1,052.4 |
| 1011000 | Tax | 579.5 | 126.1 | 446.1 | 607.1 | 264.5 | 464.4 | 269.0 | 211.8 | 83.3 | 27.7 | 1,469.1 | 102.5 |
| | Total | 12,123.0 | 2,687.9 | 9,371.6 | 12,674.3 | 5,406.8 | 9,709.3 | 4,723.3 | 4,385.7 | 1,564.3 | 515.0 | 22,859.5 | 1,737.6 |

CONSTRUCTION COST FOR ROAD (2-1ane)

2-lane
Unit: \$Million

| | | Segment | Segment 2 | Segment 3 | Segment 4 | Segment 5 | Segment 6 | Segment 7 | Segment 8 | Segment 9 | Segment 10 | Segment 11 | Segment 12 |
|--------|-------|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|
| COST | F.C. | 1,984.4 | 1,063.2 | 2,579.7 | 3,923.9 | 1,724.4 | 3,070.8 | 1,788.8 | 558.1 | 0 | . 0 | 7,546.0 | 0 |
| NO | L.C. | 2,435.5 | 1,235.4 | 4,033.3 | 4,969.9 | 2,514.0 | 4,331.9 | 2,222.6 | 670.0 | 0 | 0 | 9,984.6 | 0 |
| STRUCT | Tax | 214.3 | 110.5 | 332.1 | 445.2 | 221.0 | 370.2 | 244.3 | 62.4 | 0 | 0 | 992.8 | 0 |
| CONS | Total | 4,634.2 | 2,409.1 | 6,945.1 | 9,339.0 | 4,459.4 | 7,772.9 | 4,255.7 | 1,290,4 | 0 | 0 | 18,523.4 | 0 |

Segment 1 (4-lane) (No.-5' - No.20)

| | | | | | Ur | it Cost | | Const | ruction Co | s t | | |
|--------------|---------------------|-------------------|----------------|----------|-----------|-----------|----------|-----------|------------|------------------|------------|---------|
| Item | Sub-Item | Class | Unit | Quantity | F.C | L.C | Tax | F.C | L.C | Tax | Total | Remarks |
| | Carriageway | Aspha1t | m ² | 35,600 | 15.9 | 11.6 | 1.3 | 566,040 | 412,960 | 46,280 | 1,025,280 | |
| | Shoulder | Aspha1t | m ² | 6,550 | 12.4 | 8.3 | 1.0 | 81,220 | 54,365 | 6,550 | 142,135 | |
| Pavement | Service Road | Asphalt | m ² | 0 | 12.4 | 8.3 | 1.0 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Concrete Block | m ² | 9,220 | 6.1 | 8.4 | 0.8 | 56,242 | 77,448 | 7,376 | 141,066 | |
| | Overlay | Asphalt | m 2 | 0 | 2.5 | 10.3 | 1.4 | 0 | 0 | 0 | 0 | |
| | Kerb | Concrete | m | 5,000 | 5.7 | 12.6 | 0.9 | 28,500 | 63,000 | 4,500 | 96,000 | |
| Additional | Central Reserved | Concrete | m | 2,500 | 10.4 | 25.2 | 1.8 | 26,000 | 63,000 | 4,500 | 93,500 | |
| Facility | Guard Rail | Stee1 | m | 5,000 | 34.5 | 10.3 | 4.4 | 172,500 | 51,500 | 22,000 | 246,000 | |
| | Lighting | Stee1 | m | 1 | 11.0 | 9.0 | 1.0 | 0. | 0.4 | 0 | 0 | |
| | Lane-Marks | Paint | m | 2,500 | 0.3 | 0.6 | 0.05 | 750 | 1,500 | 125 | 2,375 | |
| | At-Grade | | No. | 1 | 30,534.8 | 59,728.4 | 2,706.2 | 30,534.8 | 59,728.4 | 2,706.2 | 92,969.4 | |
| Intersection | Interchange | | Vol. | 0 | 705,314.0 | 775,542.6 | 74,928.8 | 0 | 0 | 0 | 0 | |
| Duidee | L ≤ 50 | Concrete | m ² | | - | | | | | | • | |
| Bridge | L > 50 | Concrete | m ² | | <u>-</u> | | ÷ | | | .0-24 -) | | |
| Approach | Road | | m | 0 | 428.2 | 461.3 | 45.1 | 0 | 0 | 0 | 0 | |
| TOTAL | | | | | | | \$ | 4,633,483 | 6,909,958 | 579,492 | 12,122,934 | |

Segment 1 (4-lane) (No.-5' - No.20)

| | | | | | | Jnit Cost | | | Construct | ion Cost | | |
|------------|--------------|--------------|----------------|----------|----------|-----------|--------|-----------|-----------|----------|-----------|---------|
| Item | Sub-Item | Class | Unit | Quantity | F.Ç. | L.C. | Tax | F.C. | L.C. | Tax | Total | Remarks |
| | Residential | | m ² | 112,710 | 1.80 | 1.20 | 0.15 | 202,878 | 135,252 | 16,906.5 | 355,036.5 | |
| Site | Field | | m ² | 0 | 0.25 | 0.16 | 0.02 | 0 | 0 | 0 | 0 | |
| Clearing | Mountain | | m ² | 0 | 0.35 | 0.20 | 0.03 | 0 | 0 | 0 | 0 | |
| Excavation | Soi1 | | 3 m | 58,800 | 1.18 | 0.85 | 0.10 | 69,384 | 49,980 | 5,880 | 125,244 | |
| Excavation | Rock | | m ³ | 407,000 | 5,51 | 10.68 | 0.81 | 2,242,570 | 4,346,760 | 329,670 | 6,919,000 | |
| Embankment | | | m ³ | 79,850 | 1.40 | 0,90 | 0.11 | 414,190 | 266,265 | 32,543.5 | 712,998.5 | |
| Slope | Grass | | m ² | 15,950 | . 0 | 5.00 | 0.30 | 0 | 79,750 | 4,785 | 84,535 | |
| оторс | Concrete | | m ² | 25,700 | 4.80 | 3.80 | 0.70 | 123,360 | 97,660 | 17,990 | 239,010 | |
| Turfing | Sidewalk | Grass & Tree | m ² | 5,000 | 1,20 | 4.70 | 0.30 | 6,000 | 23,500 | 1,500 | 31,000 | |
| | Open Space | Grass | m ² | 0 | 0 | 5.00 | 0.30 | 0 | 0 | 0 | 0: | |
| | | 0.5 x 1.0 | m | 5,000 | 48.50 | 101.30 | 6,10 | 242,500 | 506,500 | 30,500 | 779,500 | |
| | Roadside | 1.0 x 1.0 | m | 5,000 | 54.00 | 99.10 | 6.60 | 270,000 | 495,500 | 33,000 | 798,500 | |
| Drainage | Pipe Culvert | 600 | m | 150 | 59.30 | 91.40 | 6.80 | 8,895 | 13,710 | 1,020 | 23,625 | |
| | | 3.0 x 3.0 | m | 0 | 609,50 | 702,15 | 77.40 | 0 | 0 | 0 | 0 | |
| | Box Culvert | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162,70 | 0 | 0 | 0 | 0 | |
| | Demolishing | 0.5 x 1.0 | m | 0 | 6.80 | 3.10 | 0.90 | 0 | 0 | 0 | 0 | |
| | Concrete | H = 5.0 | m | 200 | 459.60 | 557.90 | 58.30 | 91,920 | 111,580 | 11,660 | 215,160 | |
| Wall | Masonry | H = 5.0 | m | 0 | 76.00 | 116.80 | 9.70 | 0 | 0 | 0 | 0 | |
| | Revetment | Stone | m | 0 | 671,10 | 1,110.50 | 123,60 | 0 | 0 | 0 | 0 | |

Segment 1 (2-1ane) (No.-5' - No.20)

| | | | | | U | nit Cost | | | Construct | ion Cost | | in the Landscape of the Control of t |
|------------|--------------|------------------|----------------|----------|----------|----------|--------|-----------|-----------|----------|----------------|--|
| Item | Sub-Item | Class | Unit | Quantity | F.C. | L.C. | Tax | F.C. | L.C. | Tax | To t al | Remarks |
| | Residential | | m ² | 91,734 | 1.80 | 1.20 | 0.15 | 165,121.2 | 110,080.8 | 13,760.1 | 288,962.1 | <u> </u> |
| Site | Field | | _m 2 | 0 | 0.25 | 0.16 | 0.02 | 0 | 0 | 0 | 0 | |
| Clearing | Mountain | ž. : | m ² | 0 | 0.35 | 0.20 | 0.03 | 0 | 0 | 0 | <u>o</u> | |
| | Soil | | m ³ | 170,300 | 1.18 | 0.85 | 0.10 | 200,954 | 144,755 | 17,030 | 362,739 | · · · · · · · · · · · · · · · · · · · |
| Excavation | Rock | | m ³ | 31,800 | 5.51 | 10.68 | 0.81 | 175,218 | 339,624 | 25,758 | 540,600 | -it-rom |
| Embankment | | | m3 | 54,800 | 1.40 | 0.90 | 0.11 | 320,810 | 206,235 | 25,206.5 | 552,251.5 | |
| | Grass | | m ² | 16,600 | 0 | 5.00 | 0.30 | 0 | 83,000 | 4,980 | 87,980 | |
| Slope | Concrete | | m ² | 26,600 | 4.80 | 3.80 | 0.70 | 127,680 | 101,080 | 18,620 | 247,380 | |
| | Sidewalk | Grass & Tree | _m 2 | 5,000 | 1,20 | 4.70 | 0.30 | 6,000 | 23,500 | 1,500 | 31,000 | |
| Turfing | Open Space | Grass | m ² | 0 | 0 | 5.00 | 0.30 | 0 | 0 | 0 | 0 | |
| | | 0.5 x 1.0 | m | 5,000 | 48.50 | 101.30 | 6.10 | 242,500 | 506,500 | 30,500 | 779,500 | |
| | Roadside | 1.0 x 1.0 | m | 5,000 | 54.00 | 99.10 | 6.60 | 270,000 | 495,500 | 33,000 | 798,500 | |
| Drainage | Pipe Culvert | 600 | m | 75 | 59,30 | 91.40 | 6.80 | 4,447.5 | 6,855 | 510 | 11,812.5 | |
| Drainage | | 3.0×3.0 | m | 0 | 609.50 | 702.15 | 77,40 | 0 | 0 | 0 | 0 | |
| | Box Culvert | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162.70 | 0 | 0 | 0 | 0 | |
| | Demolishing | 0.5 x 1.0 | m | 0 | 6.80 | 3.10 | 0.90 | 0 | 0 | 0 | 0 | |
| | Concrete | H = 5.0 | m | 0 | 459.60 | 557.90 | 58.30 | 0 | 0 | 0 | 0 | |
| Wall | Masonry | H = 5.0 | m | 0 | 76.00 | 116.80 | 9.70 | 0 | 0 | 0 | 0 | |
| | Revetment | Stone | m | 0. | 671.10 | 1,110.50 | 123.60 | 0 | 0 | 0 | 0 | |

Segment 1 (2-lane) (NO.-5' - NO.20)

| | | | | | | Unit Cos | t . | | Constru | ction Cost | | |
|----------------|---------------------|-------------------|----------------|----------|---------------------------------------|-----------|----------|--------------------|-----------|------------|-----------|---------|
| Item | Sub-Item | Class | Unit | Quantity | F.C. | L.C. | Tax | F.C. | L.C. | Tax | Total | Remarks |
| | Carriageway | Asphalt | m ² | 18,800 | 15.9 | 11.6 | 1.3 | 298,920 | 218,080 | 24,440 | 541,440 | |
| <u> </u> | Shoulder | Aspha1t | m ² | 7,050 | 12.4 | 8.3 | 1.0 | 87,420 | 58,515 | 7,050 | 152,985 | |
| Pavement | Service Road | Aspha1t | m ² | 0 | 12.4 | 8.3 | 1.0 | 0 | 0 | 0 | 0 | |
| ravement | Sidewalk | Concrete Block | m ² | 9,200 | 6.1 | 8.4 | 0.8 | 56,120 | 77,280 | 7,360 | 140,760 | |
| | Overlay | Asphalt | m ² | 0 | 2.5 | 10.3 | 1.4 | 0 | 0 | 0 | 0 | |
| | Kerb | Concrete | m | 5,000 | 5.7 | 12,6 | 0.9 | 28,500 | 63,000 | 4,500 | 96,000 | |
| and the second | Central | Concrete | m | 0 | 10.4 | 25.2 | 1.8 | 0 | | 0 | 0 | |
| | Reserved Guard Rail | Stee1 | m | 0 | 34.5 | 10.3 | 4.4 | 0 | 0 | 0 | 0 | |
| Additional | Lighting | Steel | m | 0 | 11.0 | 9.0 | 1.0 | 0 | 0 | 0 | 0 | |
| Facility | Lane-Marks | Paint | m | 2,500 | 0,3 | 0.6 | 0.05 | 750 | 1,500 | 125 | 2,375 | |
| | At-grade | | No. | 0 | 30,534.8 | 59,728.4 | 2,706.2 | 0 | 0 | 0 | 0 | |
| Intersection | Interchange | | Vol. | 0 | 705,314.0 | 775,542.6 | 74,928.8 | 0 | 0 | 0 | 0 | |
| | L ≤ 50 | Concrete | 2 m | <u>-</u> | <u>-</u> | | _ | 1990 <u>-</u> 1983 | _ | :- | - | |
| | L > 50 | Concrete | m ² | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | - | - | | - | | |
| Approach | Road | | m | 0 | 428.2 | 461.3 | 45,1 | 0 | 0 | 0 | 0 | |
| TOTAL | | | | | | | | 1,984,440 | 2,435,504 | 214,339.6 | 4,634,285 | |

Segment 2 (4-1ane) (No.-7' - No.0)

| | | | | | Un | it Cost | | | Constructi | on Cost | | |
|------------|--------------|--------------|----------------|----------|----------|----------|--------|--------|------------|---------|---------|---|
| Item | Sub-Item | Class | Unit | Quantity | F.C. | L.C. | Tax | F.C. | L.C. | Tax | Total | Remarks |
| 3334 | Residential | | _m 2 | 25,400 | 1.80 | 1.20 | 0.15 | 45,720 | 30,480 | 3,810 | 80,010 | : -, |
| Site | Field | | m ² | 0 | 0.25 | 0.16 | 0.02 | 0 | 0 | 0 | 0 | |
| Clearing | Mountain | | m ² | 0 | 0.35 | 0.20 | 0.03 | 0 | 0 | 0 | 0 | |
| | Soil | | 3 m | 18,800 | 1,18 | 0.85 | 0.10 | 22,184 | 15,980 | 1,880 | 40,044 | ************************************** |
| Excavation | Rock | | m ³ | 0 | 5.51 | 10.68 | 0.81 | 0 | 0 | 0 | 0 | |
| Embankment | | | m ³ | 12,600 | 1.40 | 0.90 | 0.11 | 17,640 | 11,340 | 1,386 | 30,366 | |
| : | Grass | e e e | m ² | 1,160 | 0 | 5.00 | 0.30 | 0 | 5,800 | 348 | 6,148 | |
| Slope | Concrete | | _m 2 | 0 | 4.80 | 3.80 | 0.70 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Grass & Tree | m ² | 1,160 | 1.20 | 4.70 | 0.30 | 1,392 | 5,452 | 348 | 7,192 | |
| Turfing | Open Space | Grass | m ² | 0 | 0 | 5.00 | 0.30 | 0 | 0 | 0 | 0 | |
| | | 0.5 x 1.0 | m | 1,600 | 48.50 | 101.30 | 6.10 | 56,260 | 117,508 | 7,076 | 180,844 | |
| | Roadside | 1.0 x 1.0 | m | 0 | 54.00 | 99,10 | 6.60 | 0 | 0 | 0 | 0 | |
| Drainage | Pipe Culvert | 600 | m | 60 | 59.30 | 91.40 | 6.80 | 3,558 | 5,484 | 408 | 9,450 | 111111111111111111111111111111111111111 |
| | | 3.0 x 3.0 | m | 0 | 609.50 | 702.15 | 77.40 | 0 | 0 | 0 | 0 | |
| | Box Culvert | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162.70 | 0 | 0 | 0 | 0 | |
| | Demolishing | 0.5 x 1.0 | m | 0 | 6.80 | 3,10 | 0.90 | 0 | 0 | 0 | 0 | |
| | Concrete | H = 5.0 | m | 0.0 | 459.60 | 557.90 | 58.30 | 0 | 0 | 0 | 0 | |
| Wall | Masonry | H = 5.0 | m | 0 | 76.00 | 116.80 | 9.70 | 0 | 0 | 0 | . 0 | |
| | Revetment | Stone | m | 0 | 671.10 | 1,110.50 | 123.60 | 0 | 0 | 0 | 0 | |

Segment 2 (4-lane) (No.-7'- No.0)

| | | <u> </u> | | | | Unit Cost | | Con | struction C | ost | | Remarks |
|------------------------|---------------------|-------------------|----------------|----------|-------------------|-----------|----------|-----------|-------------|----------|------------|-----------|
| Item | Sub-Item | Class | Unit | Quantity | F.C | L.C | Tax | F.C | L.C | Tax | Total | Melial No |
| | Carriageway | Asphalt | m ² | 14,200 | 15.9 | 11.6 | 1.3 | 225,780 | 164,720 | 18,460 | 408,960 | |
| | Shoulder | Asphalt | m ² | 2,400 | 12.4 | 8.3 | 1.0 | 29,760 | 19,920 | 2,400 | 52,080 | |
| Pavement | Service Road | Asphalt | m ² | 0 | 12.4 | 8.3 | 1.0 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Concrete Block | m ² | 7,400 | 6.1 | 8.4 | 0.8 | 45,140 | 62,160 | 5,920 | 113,220 | |
| | Overlay | Asphalt | m ² | 0 | 2.5 | 10.3 | 1.4 | 0 | 0 | 0 | 0 | |
| | Kerb | Concrete | m | 1,600 | 5.7 | 12.6 | 0.9 | 9,120 | 20,160 | 1,440 | 30,720 | |
| | Central Reserved | Concrete | m | 800 | 10.4 | 25.2 | 1.8 | 8,320 | 20,160 | 1,440 | 29,920 | |
| Additional Facility | Guard Rail | Steel | m | 800 | 34.5 | 10.3 | 4.4 | 27,600 | 8,240 | 3,520 | 39,360 | |
| ractifity | Lighting | Stee1 | m | 0 | 11.0 | 9.0 | 1.0 | 0 | 0 | 0 | 0 | |
| | Lane-Marks | Paint | m | 800 | 0.3 | 0.6 | 0.05 | 240 | 480 | 40 | 760 | |
| | At-Grade | | No. | 1 | 30,534.8 | 59,728.4 | 2,706.2 | 30,534.8 | 69,728.4 | 2,706.2 | 102,969.4 | |
| Intersection | Interchange | | Vol. | 1 | 705,314.0 | 775,542.6 | 74,928.8 | 705,314.0 | 775,542.6 | 74,928.8 | 1,555,785. | |
| | L ≤ 50 | Concrete | m ² | <u>-</u> | 10, <u>-</u> 10 ! | _ | _ | _ | _ | _ | - | |
| Bridge | L > 50 | Concrete | m ² | - | | - | - | - | _ | - | | |
| Approach | Road | | m | 0 | 428.2 | 461.3 | 45.1 | 0 ; | 0 | 0 | 0 | |
| TOTAL | | | | | | | | 1,228,562 | 1,333,155 | 126,111 | 2,687,828 | |

Segment 2 (2-1ane) (No.-7* - No.0)

| | A CONTRACTOR OF THE CONTRACTOR | | · | | | Unit Cost | | | Construct | ion Cost | | |
|------------|--|--------------|----------------|----------|----------|-----------|--------|----------|-----------|----------|----------|----------|
| Item | Sub-Item | Class | Unit | Quantity | F.C. | L.C. | Tax | F.C. | L.C. | Tax | Total | Remarks |
| | Residential | | m ² | 17,430 | 1.80 | 1.20 | 0.15 | 31,374 | 20,916 | 2,614.5 | 54,904.5 | |
| Site | Field | | m ² | 0 | 0.25 | 0.16 | 0.02 | 0 | 0 | 0 | 0 | |
| Clearing | Mountain | : | m ² | 0 | 0.35 | 0.20 | 0.03 | 0 | 0 | 0 | 0 | |
| Excavation | Soi1 | | m ³ | 10,600 | 1.18 | 0.85 | 0.10 | 12,508 | 9,010 | 1,060 | 22,578 | |
| Excavation | Rock | | _m 3 | 0 | 5.51 | 10.68 | 0.81 | 0 | 0 | 0 | | - 181, s |
| Embankment | | | 3 m | 8,550 | 1.40 | 0.90 | 0.11 | 11,970 | 7,695 | 940.5 | 20,605.5 | |
| 0.1 | Grass | | m ² | 1,160 | 0 | 5.00 | 0.30 | 0 | 5,800 | 348 | 6,148 | |
| Slope | Concrete | | m ² | 0 | 4,80 | 3.80 | 0.70 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Grass & Tree | m ² | 1,160 | 1.20 | 4.70 | 0.30 | 1,392 | 5,452 | 348 | 7,192 | |
| Turfing | Open Space | Grass | m ² | 0 | 0 | 5.00 | 0.30 | 0 | 0 | 0 | 0 | |
| | | 0.5 x 1.0 | m | 1,160 | 48.50 | 101.30 | 6.10 | 56,260 | 117,508 | 7,076 | 180,844 | |
| | Roadside | 1.0 x 1.0 | m | 0 | 54.00 | 99.10 | 6.60 | 0 | 0 | 0 | 0 | |
| Drainage | Pipe Culvert | 600 | m | 60 | 59.30 | 91.40 | 6.80 | 3,558 | 5,484 | 408 | 9,450 | |
| | | 3.0 x 3.0 | m | 0. | 609.50 | 702.15 | 77.40 | 0 | 0 | Ó | 0 | |
| | Box Culvert | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162.70 | 0 | 0 | 0 | 0 | |
| | Demolishing | 0.5 x 1.0 | m | 0 | 6.80 | 3.10 | 0.90 | 0 | 0 | 0 | 0 | |
| | Concrete | H = 5.0 | m | 0 | 459.60 | 557.90 | 58.30 | 0 | 0 | 0. | 0 | |
| Wall | Masonry | H = 5.0 | m | 0 | 76.00 | 116.80 | 9.70 | 0 | 0 | 0 | 0 | |
| 1164.5. | Revetment | Stone | m | 0 | 671.10 | 1,110.50 | 123.60 | <u> </u> | 0 | 0 | 0 | |

Segment 2 (2-lane) (NO.-7' - NO.0)

| | | | | | | Unit Cost | | Co | nstruction | Cost | | n initiativa |
|--------------|---------------------|-------------------|----------------|----------|-----------|---------------|----------|-----------|------------|-----------|-------------|--------------|
| Item | Sub-Item | Class | Unit | Quantity | F.C. | L.C. | Tax | F.C. | L.C. | Tax | Total | Remarks |
| | Carriageway | Asphalt | m ² | 6,400 | 15.9 | 11.6 | 1.3 | 101,760 | 74,240 | 8,320 | 184,320 | |
| | Shoulder | Asphalt | m ² | 2,400 | 12.4 | 8.3 | 1.0 | 29,760 | 19,920 | 2,400 | 52,080 | |
| Pavement | Service Road | Asphalt | 2 m | 0 | 12.4 | 8.3 | 1.0 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Concrete Block | m ² | 6,400 | 6.1 | 8.4 | 0.8 | 39,040 | 53,760 | 5,120 | 97,920 | |
| | Over1ay | Asphalt | _m 2 | 0 | 2.5 | 10.3 | 1.4 | 0 | 0 | 0 | 0 | |
| | Kerb | Concrete | m | 1,600 | 5.7 | 12.6 | 0.9 | 9,120 | 20,160 | 1,440 | 30,720 | |
| | Central Reserved | Concrete | m | 0 | 10.4 | 25.2 | 1.8 | 0 | 0 | 0 | 0 | |
| Additional | Guard Rail | Steel | m | 0 | 34.5 | 10.3 | 4.4 | 0 | 0 | 0 | 0 | |
| Facility | Lighting | Stee1 | m | 0 | 11.0 | 9.0 | 1.0 | 0 | 0 | 0 | 0 | |
| | Lane-Marks | Paint | m | 800 | 0.3 | 0.6 | 0.05 | 240 | 480 | 40 | 760 | |
| | At-grade | | No. | . 2 | 30,534.8 | 59,728.4 | 2,706.2 | 61,069.6 | 119,456.8 | 5,412.4 | 185,938.8 | |
| Intersection | Interchange | Concrete | Vol. | 1 | 705,314.0 | 775,542.8 | 74,928.8 | 705,314.0 | 775,542.6 | 74,928.8 | 1,555,785.4 | |
| | L ≤ 50 | Concrete | m ² | _ | | . | - | - | _ | <u>-</u> | <u> </u> | |
| Bridge | L > 50 | Concrete | n m | - | - | | 1 | - | _ | <u>.</u> | - | |
| Approach | Road | | m | 0 | 428.2 | 461.3 | 45.1 | 0 | 0 | 0 | 0 | |
| TOTAL | | | | | | | | 1,063,365 | 1,235,424 | 110,456.2 | 2,409,246 | |

Segment 2-1 (4-lane) (No.-4 - No.0)

| | | | | | L | Jnit Cost | | | Constru | ction Cost | | **** |
|------------|--------------|--------------|----------------|----------|----------|-----------|--------|--------|---------|------------|---------|---------|
| Item | Sub-Item | Class | Unit | Quantity | F.C. | L.C. | Tax | F.C. | L.C. | Tax | Total | Remarks |
| | Residential | | m ² | 12,150 | 1.80 | 1.20 | 0.15 | 21,870 | 14,580 | 1,823 | 38,273 | |
| Site | Field | | m ² | 0 | 0.25 | 0.16 | 0.02 | 0 | 0 | 0 | 0 | |
| Clearing | Mountain | | _m 2 | 0 | 0.35 | 0.20 | 0.03 | 0 | 0 | 0 | 0 | |
| | Soi1 | | _m 3 | 1,600 | 1.18 | 0.85 | 0.10 | 1,888 | 1,360 | 160 | 3,408 | |
| Excavation | Rock | | m ³ | 0 | 5.51 | 10.68 | 0.81 | 0 | 0 | 0 | 0 | |
| Embankment | | | m ³ | 2,700 | 1.40 | 0.90 | 0.11 | 3,780 | 2,430 | 297 | 6,507 | |
| | Grass | | m ² | 980 | 0 | 5.00 | 0.30 | 0 | 4,900 | 294 | 5,194 | |
| Slope | Concrete | | m ² | 0 | 4,80 | 3.80 | 0.70 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Grass & Tree | m ² | 800 | 1.20 | 4.70 | 0.30 | 960 | 3,760 | 240 | 4,960 | |
| Turfing | Open Space | Grass | m ² | 0 | 0 | 5.00 | 0.30 | 0 | 0 | 0 | 0 | |
| | | 0.5 x 1.0 | m | 800 | 48.50 | 101.30 | 6.10 | 38,800 | 81,040 | 4,880 | 124,720 | |
| | Roadside | 1.0 x 1.0 | m | 0 | 54.00 | 99.10 | 6.60 | 0 | 0 | 0 | 0 | |
| Drainage | Pipe Culvert | 600 | m | 0 | 59.30 | 91.40 | 6.80 | 0 | 0 | 0 . | . 0 | |
| 2 | | 3.0 x 3.0 | m | 0 | 609.50 | 702.15 | 77.40 | 0 | 0 | 0 | 0 | |
| | Box Culvert | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162.70 | 0 | 0 | 0 | 0 | |
| | Demolishing | 0.5 x 1.0 | m | 0 | 6.80 | 3.10 | 0.90 | 0 | 0 | 0 | . 0 | |
| | Concrete | н = 5.0 | m | 0 | 459.60 | 557.90 | 58.30 | 0 | 0 | 0 | 0 | |
| Wall | Masonry | H = 5.0 | m | 0 | 76.00 | 116.80 | 9.70 | 0 | 0 | 0 | 0 | |
| | Revetment | Stone | m | 0 | 671.10 | 1,110.50 | 123.60 | 0 | 0 | 0 | 0 | |

Segment 2-1 (4-1ane) (No.-4 - No.0)

| Item | Sub-Item | Class | Unit | 0 | Un | it Cost | | Const | ruction Cos | t | | |
|--------------|---------------------|-------------------|----------------|----------|-----------|-----------|----------|---------|-------------|--------|---------|---------|
| I Cen | 200-166III | Class | nur | Quantity | F.C | L.C | Tax | F.C | L.C | Tax | Total | Remarks |
| | Carriageway | Asphalt | _m 2 | 9,200 | 15.9 | 11.6 | 1.3 | 146,280 | 106,720 | 11,960 | 264,960 | |
| | Shoulder | Aspha1t | 2 m | 1,300 | 12.4 | 8.3 | 1.0 | 16,120 | 10,990 | 1,300 | 28,410 | |
| Pavement | Service Road | Asphalt | m ² | 0 | 12.4 | 8.3 | 1.0 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Concrete Block | m ² | 1,800 | 6.1 | 8.4 | 0.8 | 10,980 | 15,120 | 1,440 | 27,540 | |
| | Overlay | Asphalt | m ² | 0 | 2.5 | 10.3 | 1.4 | 0 | 0 | 0 | 0 | |
| | Kerb | Concrete | m | 800 | 5.7 | 12.6 | 0.9 | 4,560 | 10,080 | 720 | 15,360 | |
| Additional | Central Reserved | Concrete | TÜ. | 300 | 10.4 | 25.2 | 1.8 | 3,120 | 7,560 | 540 | 11,220 | |
| Facility | Guard Rail | Stee1 | m | 300 | 34.5 | 10.3 | 4.4 | 10,350 | 3,090 | 1,320 | 14,760 | |
| | Lighting | Stee1 | m | 0 | 11.0 | 9.0 | 1.0 | 0 | 0 | 0 | 0 | |
| | Lane-Marks | Paint | m, | 400 | 0.3 | 0.6 | 0.05 | 120 | 240 | 20 | 380 | |
| | At-Grade | | No. | | 30,534.8 | 59,728.4 | 2,706.2 | 30,535 | 59,728 | 2,706 | 92,969 | |
| Intersection | Interchange | | Vol. | 0 | 705,314.0 | 775,542.6 | 74,928.8 | 0 | 0 | 0 | 0 | |
| | L ≤ 50 | Concrete | m ² | | | | | | | - | _ | |
| Bridge | L > 50 | Concrete | m ² | | | | | | | | | |
| Approach | Road | | m | 0 | 428.2 | 461.3 | 45.1 | 0 | 0 | 0 | 0 | |
| TOTAL | | | | | | | | 289,363 | 321,598 | 27,700 | 638,661 | |

Segment 2-1 (2-1ane) (No.-4 - No.0)

| | | | | | | Unit Cost | | | Construct | ion Cost | | |
|------------|--------------|--------------|----------------|----------|----------|-----------|--------|--------|-----------|----------|----------------|---------|
| Item | Sub-Item | Class | Unit | Quantity | F.C. | L.C. | Tax | F.C. | L.C. | Tax | Total | Remarks |
| | Residential | | m ² | 8,250 | 1.80 | 1.20 | 0.15 | 14,850 | 9,900 | 1,237 | 25,987 | |
| Site | Field | | m2 | 0 | 0.25 | 0.16 | 0.02 | 0 | 0 | 0 | 0 | |
| Clearing | Mountain | | m ² | 0 | 0.35 | 0.20 | 0.03 | 0 | 0 | 0 | 0 | |
| Excavation | Soil | | m ³ | 9,300 | 1.18 | 0.85 | 0.10 | 16,740 | 13,020 | 1,395 | 31,155 | |
| Excavation | Rock | | m3 | 0 | 5.51 | 10.68 | 0.81 | 0 | 0 | 0 | 0 | |
| Embankment | | | m ³ | 1,700 | 1.40 | 0.90 | 0.11 | 2,380 | 1,530 | 187 | 4,097 | |
| | Grass | | m ² | 980 | 0 | 5.00 | 0.30 | . 0 | 4,900 | 294 | 5,194 | |
| Slope | Concrete | | m ² | 0 | 4.80 | 3.80 | 0.70 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Grass & Tree | m ² | 800 | 1.20 | 4.70 | 0.30 | 960 | 3,760 | 240 | 4 , 960 | |
| Turfing | Open Space | Grass | m ² | 0 | 0 | 5.00 | 0.30 | 0 | 0 | 0 | 0 | |
| | | 0.5 x 1.0 | m | 800 | 48,50 | 101.30 | 6.10 | 38,800 | 81,040 | 4,880 | 124,720 | |
| | Roadside | 1.0 x 1.0 | m | 0 | 54:00 | 99.10 | 6.60 | 0 | 0 | 0 | 0 | |
| Drainage | Pipe Culvert | 600 | m | 20 | 59.30 | 91.40 | 6.80 | 1,186 | 1,826 | 136′ | 3,148 | |
| | | 3.0 x 3.0 | m | 0 | 609.50 | 702.15 | 77.40 | 0 | 0 | 0 | 0 | |
| | Box Culvert | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162.70 | 0 | 0 | 0 | .0 | |
| | Demolishing | 0.5 x 1.0 | m | 0 | 6.80 | 3.10 | 0.90 | 0 | 0 | 0 | 0:0 | |
| | Concrete | H = 5.0 | m | 0 | 459.60 | 557.90 | 58.30 | 0 | 0 | 0 | 0 | |
| Wall | Masonry | H = 5.0 | m | 0 | 76.00 | 116.80 | 9.70 | 0 | 0 | 0 | 0 | |
| | Revetment | Stone | m | 0 | 671.10 | 1,110.50 | 123.60 | 0 | 0 | 0 | 0 | |

Segment 2-1 (2-1ane) (NO.-4 - NO.0)

| | | | | | | Unit Cost | | | Construct | ion Cost | | |
|--------------|---------------------|-------------------|----------------|----------|-----------|-----------|----------|---------|-----------|----------|---------|---------|
| Item | Sub-Item | Class | Unit | Quantity | F.C. | L.C. | Tax | F.C. | L.Ç. | Tax | Total | Remarks |
| | Carriageway | Asphalt | 2 m | 3,200 | 15.9 | 11.6 | 1.3 | 50,880 | 37,120 | 4,160 | 92,160 | |
| | Shoulder | Asphalt | m ² | 800 | 12.4 | 8.3 | 1.0 | 9,920 | 6,640 | 800 | 17,360 | |
| Pavement | Service Road | Asphalt | m ² | 0 | 12.4 | 8.3 | 1.0 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Concrete Block | m ² | 1,800 | 6.1 | 8.4 | 0.8 | 10,980 | 15,120 | 1,440 | 27,540 | |
| | Overlay | Asphalt | m ² | 0 | 2.5 | 10.3 | 1.4 | 0 | 0 | 0 | 0 | |
| | Kerb | Concrete | m | 400 | 5.7 | 12.6 | 0.9 | 2,280 | 5,040 | 360 | 7,680 | |
| | Central Reserved | Concrete | m | 0 | 10.4 | 25.2 | 1.8 | 0 | 0 | 0 | 0 | |
| Additional | Guard Rail | Stee1 | m | 400 | 34.5 | 10.3 | 4.4 | 13,800 | 4,120 | 1,760 | 19,680 | |
| Facility | Lighting | Stee1 | m | 0 | 11.0 | 9.0 | 1.0 | 0 | 0 | 0 | 0 | |
| | Lane-Marks | Paint | m | 400 | 0.3 | 0.6 | 0.05 | 120 | 240 | 20 | 380 | |
| | At-grade | | No. | 2 | 30,534.8 | 59,728.4 | 2,706.2 | 61,070 | 119,457 | 5,412 | 185,939 | |
| Intersection | Interchange | | Vol. | 0 | 705,314.0 | 775,542.6 | 74,928.8 | 0 | 0 | 0 | 0 | |
| | L ≤ 50 | Concrete | 2 m | | | | | | | | | |
| Bridge | L > 50 | Concrete | m ² | _ : | _ | | | | | | | |
| Approach | Road | | m | 0 | 428.2 | 461.3 | 45.1 | 0 | 0 | 0 | 0 | |
| TOTAL | | | | | | | | 223,966 | 303,713 | 22,321 | 550,000 | |

Segment 3 (4-1ane) (No.0 - No.20)

| _ | | 01 | TI | 0 | | Unit Cost | | | Constructi | on Cost | | |
|---------------------------------------|--------------|--------------|----------------------------|----------|----------|-----------|--------|-----------|------------|---------|-----------|---------|
| Item | Sub-Item | Class | Unit | Quantity | F.C | L.C. | Tax | F.C. | L.C. | Tax | Total | Remarks |
| | Residential | | m ² | 75,260 | 1.80 | 1.20 | 0.15 | 135,468 | 90,312 | 11,289 | 237,069 | |
| Site | Field | | _m 2 | 0 | 0.25 | 0.16 | 0.02 | 0 | 0 | 0 | 0 | |
| Clearing | Mountain | | m2 | 0 | 0.35 | 0.20 | 0.03 | 0 | 0 | 0 | 0 | |
| | Soi1 | | m ³ | 263,800 | 1.18 | 0.85 | 0,10 | 311,284 | 224,230 | 26,380 | 561,894 | |
| Excavation | Rock | | m ³ | 328,800 | 5.51 | 10.68 | 0.81 | 1,811,688 | 3,511,584 | 266,328 | 5,589,600 | |
| Embankment | | | m 3 | 47,650 | 1.40 | 0.90 | 0.11 | 66,710 | 42,885 | 5,241.5 | 114,836.5 | |
| | Grass | | $\overline{\mathfrak{m}}2$ | 12,690 | 0 | 5.00 | 0.30 | 0 | 63,450 | 3,807 | 67,257 | |
| S1ope | Concrete | | m ² | 23,260 | 4.80 | 3.80 | 0.70 | 111,648 | 88,388 | 16,282 | 216,318 | |
| Turfing | Sidewalk | Grass & Tree | m ² | 755 | 1.20 | 4.70 | 0.30 | 906 | 3,548.5 | 226.5 | 4,681 | |
| Intitus | Open Space | Grass | m ² | 0 | 0 | 5.00 | 0.30 | 0 | 0 | 0 | 0 | |
| | | 0.5 x 1.0 | m | 4,000 | 48,50 | 101.30 | 6.10 | 194,000 | 405,200 | 24,400 | 623,600 | |
| · · · · · · · · · · · · · · · · · · · | Roadside | 1.0 x 1.0 | · m | 1,100 | 54.00 | 99.10 | 6.60 | 59,400 | 109,010 | 7,260 | 175,670 | |
| Drainage | Pipe Culvert | 600 | m | 120 | 59.30 | 91.40 | 6.80 | 7,116 | 10,968 | 816 | 18,900 | |
| | | 3.0 x 3.0 | m | 40 | 609.50 | 702.15 | 77.40 | 24,380 | 28,086 | 3,096 | 55,562 | |
| # | Box Culvert | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162.70 | . 0. | 0 | .0, | 0 | |
| | Demolishing | 0.5 x 1.0 | m | 0 | 6.80 | 3.10 | 0.90 | 0 | 0 | 0 | 0 | |
| | Concrete | H = 5.0 | m | 200 | 459.90 | 557.90 | 58.30 | 91,920 | 111,580 | 11,660 | 215,160 | |
| Wall | Masonry | H = 5.0 | m | 0 | 76.00 | 116.80 | 9.70 | 0 | 0 | 0 | 0 | |
| | Revetment | Stone | m | 0 | 671.10 | 1,110.50 | 123.60 | 0 | 0 | 0 | 0 | |

Segment 3 (4-lane) (No.0 - No.20)

| | I | | T T | | - | | | Comp | truction Co | ~ ÷- | | |
|------------------------|---------------------|-------------------|----------------|----------|-----------|-----------|----------|-----------|-------------|---------|-----------|---------|
| Item | Sub-Item | Class | Unit | Quantity | | Init Cost | | Cons | Truction co | 81 | | Remarks |
| rtem | Sub Item | Orass L | 01.1.1 | 200 | F.C | L.C | Tax | F.C | L.C | Tax | Total | |
| | Carriageway | Asphalt | m ² | 33,400 | 15.9 | 11.6 | 1.3 | 531,060 | 387,440 | 43,420 | 961,920 | |
| | Shoulder | Asphalt | m ² | 5,400 | 12.4 | 8.3 | 1.0 | 66,960 | 44,820 | 5,400 | 117,180 | |
| Payement | Service Road | Asphalt | m ² | 0 | 12.4 | 8.3 | 1.0 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Concrete Block | m ² | 7,600 | 6.1 | 8.4 | 0.8 | 46,360 | 63,840 | 6,080 | 116,280 | |
| | Overlay | Asphalt | m ² | 0 | 2.5 | 10.3 | 1.4 | 0 | 0 | 0 | 0 | |
| | Kerb | Concrete | m | 4,000 | 5.7 | 12.6 | 0.9 | 22,800 | 50,400 | 3,600 | 76,800 | |
| | Central Reserved | Concrete | m | 2,000 | 10.4 | 25.2 | 1.8 | 20,800 | 50,400 | 3,600 | 74,800 | |
| Additional Facility | Guard Rail | Steel | m | 1,000 | 34.5 | 10.3 | 4.4 | 34,500 | 10,300 | 4,400 | 49,200 | |
| ractifity | Lighting | Steel | m | 0 | 11.0 | 9.0 | 1.0 | 0 | 0 | 0 | 0 | |
| | Lane-Marks | Paint | m | 2,000 | 0.3 | 0.6 | 0.05 | 600 | 1,200 | 100 | 1,900 | |
| | At-Grade | | No. | 1 | 30,534.8 | 59,728.4 | 2,706.2 | 30,534.8 | 59,728.4 | 2,706.2 | 92,969.4 | |
| Intersection | Interchange | | Vol. | 0 | 705,314.0 | 775,542.6 | 74,928.8 | 0 | 0 | 0 | 0 | |
| | L ≤ 50 | Concrete | m ² | _ | _ | - | _ | | - | + | _ | |
| Bridge | L > 50 | Concrete | m ² | - | | _ | • | _ | - | | - | |
| Approach | Road | | m | 0 | 428.2 | 461.3 | 45.1 | 0 | 0 | 0 | 0 | |
| TOTAL | | | | | | | | 3,568,134 | 5,357,369 | 446,092 | 9,371,596 | |

Segment 3 (2-1ane) (No.0 - No.20)

| | | | | | *************************************** | Unit Cost | | Со | nstruction Cos | st | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | |
|------------|--------------|------------------|----------------|----------|---|-----------|--------|-----------|----------------|---------|--|---------|
| Item | Sub-Item | Class | Unit | Quantity | F.C. | L.C. | Tax | F.C. | L.C. | Tax | Total | Remarks |
| | Residential | | m ² | 40,920 | 1.80 | 1.20 | 0.15 | 73,656 | 49,104 | 6,138 | 128,898 | |
| Site | Field | | m ² | 0 | 0.25 | 0.16 | 0.02 | 0 | 0 | 0 | 0 | |
| Clearing | Mountain | | m ² | 0, | 0.35 | 0.20 | 0.03 | 0. |) | | 0 | |
| | Soil | | m ³ | 204,900 | 1.18 | 0.85 | 0.10 | 241,782 | 174,165 | 20,490 | 436,437 | |
| Excavation | Rock | | m ³ | 258,800 | 5.51 | 10.68 | 0.81 | 1,425,988 | 2,763,984 | 209,628 | 4,399,600 | |
| Embankment | | | m ³ | 27,200 | 1,40 | 0.90 | 0.11 | 38,080 | 24,480 | 2,992 | 65,552 | |
| | Grass | | _m 2 | 11,930 | 0 | 5.00 | 0.30 | 0 | 59,650 | 3,579 | 63,229 | |
| Slope | Concrete | | _m 2 | 24,560 | 4.80 | 3.80 | 0.70 | 117,888 | 93,328 | 17,192 | 228,408 | |
| | Sidewalk | Grass & Tree | m ² | 755 | 1.20 | 4.70 | 0.30 | 906 | 3,548.5 | 226.5 | 4,681 | |
| Turfing | Open Space | Grass | m ² | 0 | 0 | 5.00 | 0.30 | 0 | 0 | 0 | 0 | |
| | | 0.5 x 1.0 | m | 4,000 | 48.50 | 101.30 | 6.10 | 194,000 | 405,200 | 24,400 | 623,600 | |
| | Roadside | 1.0 x 1.0 | m | 1,100 | 54.00 | 99.10 | 6.60 | 59,400 | 109,010 | 7,260 | 175,670 | |
| Drainage | Pipe Culvert | 600 | m | 80 | 59.30 | 91.40 | 6.80 | 4,744 | 7,312 | 544 | 12,600 | |
| | | 3.0 x 3.0 | m | 30 | 609.50 | 702.15 | 77.40 | 18,285 | 21,064.5 | 2,322 | 41,671.5 | |
| | Box Culvert | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162.70 | 0 | 0 (4) | 0 | 0 * | |
| | Demolishing | 0.5×1.0 | m | 0 | 6.80 | 3.10 | 0.90 |) | 0 | 0 | 0 | |
| | Concrete | H = 5.0 | m | 0 | 459,60 | 557.90 | 58.30 | 0 | 0 | 0 | 0 | |
| Wall | Masonry | H = 5.0 | m | 0 | 76.00 | 116,80 | 9.70 | 0.11 | 0 | . 0 | 0.00 | |
| | Revetment | Stone | m | 0 | 671.10 | 1,110.50 | 123.60 | 0 | 0 | 0 | 0 | |

Segment 3 (2-lane) (No.0 - No.20)

| <u>`</u> | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | |
|--------------|---------------------------------------|-------------------|----------------|----------|-----------|-----------|----------|-----------|-------------|----------------|---|---------|
| | _ | | | | | Unit Cost | | Constr | uction Cost | | | |
| Item | Sub-Item | Class | Unit | Quantity | F.C | L.C | Tax | F.C | L.C | Тах | Total | Remarks |
| | Carriageway | Asphalt | m ² | 16,000 | 15.9 | 11.6 | 1.3 | 254,400 | 185,600 | 20,800 | 460,800 | |
| | Shoulder | Asphalt | m ² | 6,000 | 12.4 | 8.3 | 1.0 | 74,400 | 49,800 | 6 ,0 00 | 130,200 | |
| Pavement | Service Road | Asphalt | m ² | 0 | 12.4 | 8.3 | 1.0 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Concrete Block | m ² | 3,000 | 6.1 | 8.4 | 0.8 | 18,300 | 25,200 | 2,400 | 45,900 | |
| | Overlay | Asphalt | m ² | 0 | 2.5 | 10.3 | 1.4 | 0 | 0 | 0 | 0 | |
| | Kerb | Concrete | m | 4,000 | 5.7 | 12.6 | 0.9 | 22,800 | 50,400 | 3,600 | 76,800 | |
| | Central Reserved | Concrete | m | 0 | 10.4 | 25.2 | 1.8 | 0 | 0 | 0 | 0 | |
| Additional | Guard Rail | Steel | m | 1,000 | 34.5 | 10.3 | 4.4 | 34,500 | 10,300 | 4,400 | 49,200 | |
| Facility | Lighting | Steel | m | 0 | 11.0 | 9.0 | 1.0 | 0 | 0 | 0 | 0 | |
| | Lane-Marks | Paint | m | 2,000 | 0.3 | 0.6 | 0.05 | 600 | 1,200 | 100 | 1,900 | |
| | At-Grade | | No. | 0 | 30,534.8 | 59,728.4 | 2,706.2 | 0 | 0 | 0. | 0 | |
| Intersection | Interchange | | Vol. | 0 | 705,314.0 | 775,542.6 | 74,928.8 | 0 | 0 | 0 | 0 | |
| | L ≤ 50 | Concrete | m ² | <u>-</u> | • | _ | | - | <u>-</u> | <u> </u> | • | |
| Bridge | L > 50 | Concrete | m ² | | | | - | _ | - | - | | |
| Approach | Road | | n | 0 | 428.2 | 461.3 | 45.1 | 0 | 0 | 0 | 0 | |
| TOTAL | | | | | | | | 2,579,729 | 4,033,346 | 332,071 | 6,945,146 | |

Segment 4 (4-lane) (No.20 - No.79)

| | | | | | Ţ | Jnit Cost | | | Construct | ion Cost | | Remarks |
|------------|--------------|--------------|------------------|----------|----------|-----------|--------|------------|------------|-----------|--------------|---------|
| Item | Sub-Item | Class | Unit | Quantity | F.C | L.C | Tax | F.C | L.C | Tax | Total | |
| Site | Residential | | m ² | 0 | 1.80 | 1.20 | 0.15 | 0 | 0 | 0 | 0 | |
| Clearing | Field | | _m 2 | 0 | 0.25 | 0.16 | 0.02 | 0 | 0 | 0 | 0 | |
| | Mountain | | \mathfrak{m}^2 | 297,030 | 0.35 | 0.20 | 0.03 | 103,960.50 | 59,406 | 8,910.90 | 172,277.40 | |
| | Soil | | _m 3 | 579,500 | 1.18 | 0.85 | 0.10 | 683,810 | 492,575 | 57,950 | 1,234,335 | |
| Excavation | Rock | | m ³ | 234,100 | 5.51 | 10.68 | 0.81 | 1,289,891 | 2,500,188 | 189,621 | 3,979,700 | |
| Embankment | | | m ³ | 503,750 | 1.40 | 0.90 | 0.11 | 705,250 | 453,375 | 55,412.50 | 1,214,037.50 | |
| | Grass | | m² | 44,520 | 0 | 5.00 | 0.30 | 0 | 222,600 | 13,356 | 235,956 | |
| Slope | Concrete | | m ² | 23,970 | 4.80 | 3.80 | 0.70 | 115,056 | 91,086 | 16,779 | 222,921 | |
| | Sidewalk | Grass & Tree | m ² | 0 | 1.20 | 4.70 | 0.30 | 0 | 0 | 0 | 0 | |
| Turfing | Open Space | Grass | m ² | 16,450 | 0 | 5.00 | 0.30 | 0 | 82,250 | 4,935 | 87,185 | |
| | Roadside | 0.5 x 1.0 | m | 4,500 | 48.50 | 101.30 | 6.10 | 218,250 | 455,850 | 27,450 | 701,550 | |
| | Roddorde | 1.0 x 1,0 | m | 3,600 | 54.00 | 99.10 | 6.60 | 194,400 | 356,760 | 23,760 | 574,920 | |
| Drainage | Pipe Culvert | 600 | m | 468 | 59.30 | 91.40 | 6.80 | 27,752.40 | 42,775.20 | 3,182.40 | 73,710 | |
| | Box Culvert | 3.0 x 3.0 | m | 185 | 609.50 | 702.15 | 77.40 | 112,757.50 | 129,897.75 | 14,319 | 256,974.25 | |
| | | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162.70 | 0 | 0 | 0 | 0 | |
| | Demolishing | 0.5 x 1.0 | m | 0 | 6.80 | 3,10 | 0.90 | 0 | 0 | 0 | 0 | |
| | Concrete | H = 5.0 | m | 200 | 459.60 | 557.90 | 58.30 | 91,920 | 111,580 | 11,660 | 215,160 | |
| Wall | Masonry | H = 5.0 | m | Ó | 76.00 | 116,80 | 9.70 | 0 | 0 | 0 | 0 | |
| | Revetment | Stone | m | 0 | 671.10 | 1,110.50 | 123.60 | 0 | 0 | 0 | 0 | |

Segment 4 (4-lane) (No.20 - No.79)

| 5.08 | (4-1ane) (No | .20 - No.79) | | | | | | | | | | |
|--------------|---------------------|-------------------|----------------|--|-------------------------|-----------|----------|-----------|------------------|--------------|--|---------|
| *F.A.* | Sub-Item | Class | Unit | Quantity | | Unit Cost | | Cons | truction Co | st | 1 . 1 . 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | Remarks |
| Item | Sub-Item | crass | ULL | | F.C | L.C | Tax | F,C | I.C | Tax | Total | Remarks |
| | Carriageway | Aspha1t | m ² | 90,280 | 15.9 | 11.6 | 1.3 | 1,435,452 | 1,047,248 | 117,364 | 2,600,064 | |
| | Shoulder | Asphalt | m ² | 13,015 | 12.4 | 8.3 | 1.0 | 161,386 | 108,024.5 | 13,015 | 282,425.5 | |
| Pavement | Service Road | Asphalt | m ² | 0 | 12.4 | 8.3 | 1.0 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Concrete Block | m ² | 3,480 | 6.1 | 8.4 | 0.8 | 21,228 | 29,232 | 2,784 | 53,244 | |
| | Overlay | Asphalt | m ² | 0 | 2,5 | 10.3 | 1.4 | 0 | 0 | . 0 | 0 | |
| | Kerb | Concrete | m | 11,700 | 5.7 | 12.6 | 0.9 | 66,690 | 147,420 | 10,530 | 224,640 | |
| | Central Reserved | Concrete | m | 5,850 | 10.4 | 25.2 | 1.8 | 60,840 | 6 0,865.2 | 10,530 | 132,235.2 | |
| Additional | Guard Rail | Steel | m | 4,500 | 34.5 | 10.3 | 4.4 | 155,250 | 46,350 | 19,800 | 221,400 | |
| Facility | Lighting | Steel | m | 0 | ** (* : :11 .0) | 9.0 | 1.0 | 0. | 0 | 0 | 0 | |
| | Lane-Marks | Paint | m | 5,850 | 0.3 | 0.6 | 0.05 | 1,755 | 3,510 | 292.5 | 5,557.5 | |
| | At-Grade | | No. | 2 | 30,534.8 | 59,728.4 | 2,706.2 | 61,069.6 | 119,456.8 | 5,412.4 | 185,938.8 | |
| Intersection | Interchange | | Vol. | 0 | 705,314.0 | 775,542.6 | 74,928.8 | 0 | 0 | 0 | 0 | |
| Bridge | L ≤ 50 | Concrete | m ² | _ | - | | J | | • | - | | |
| | L > 50 | Concrete | m ² | ************************************** | _ | _ | | | | - | : | |
| Approach | Road | | m | 0 | 428.2 | 461.3 | 45.1 | Ö | 0 | 0 | 0 | |
| TOTAL | | | | | | | | 5,506,718 | 6,560,449 | 607,063 | 12,674,231 | |

Segment 4 (2-1ane) (No.20 - No.79)

| | | - | | | Un | it Cost | | Co | onstruction Co | ost | | |
|------------|--------------|------------------|-----------------|----------|----------|----------|--------|------------|----------------|----------|------------|---------|
| Item | Sub-Item | Class | Unit | Quantity | F.C | L.C | Tax | F.C | L.C | Tax | Total | Remarks |
| Site | Residential | | ,m ² | 0 | 1.80 | 1.20 | 0.15 | 0 | 0 | 0 | 0 | |
| Clearing | Field | | m ² | 0 | 0.25 | 0.16 | 0.02 | 0 | 0 | 0 | 0 | |
| | Mountain | | m ² | 190,690 | 0.35 | 0.20 | 0.03 | 66,741.50 | 38,138 | 5,720.70 | 110,600.20 | * |
| Excavation | Soil | | 3 m | 433,240 | 1.18 | 0.85 | 0.10 | 511,223.20 | 368,254 | 43,324 | 922,801.20 | |
| | Rock | • | "3 m | 183,000 | 5.51 | 10.68 | 0.81 | 1,008,330 | 1,954,440 | 148,230 | 3,111,000 | |
| Embankment | | | _3 m | 238,600 | 1.40 | 0.90 | 0.11 | 334,040 | 214,740 | 26,246 | 575,026 | |
| | Grass | | m ² | 45,450 | 0 | 5.00 | 0.30 | 0 | 227,250 | 13,635 | 240,885 | |
| Slope | Concrete | | m ² | 26,700 | 4.80 | 3.80 | 0.70 | 128,160 | 101,460 | 18,690 | 248,310 | |
| Turfing | Sidewalk | Grass & Tree | n ² | 0 | 1.20 | 4.70 | 0.30 | 0 | 0 | 0 | 0 | |
| | Open Space | Grass | m ² | 16,450 | 0 | 5.00 | 0.30 | 0 | 82,250 | 4,935 | 87,185 | |
| | Roadside | 0.5×1.0 | m | 4,500 | 48.50 | 101.30 | 6.10 | 218,250 | 455,850 | 27,450 | 701,550 | |
| | 1.544.07.40 | 1.0×1.0 | m | 3,600 | 54.00 | 99.10 | 6.60 | 194,400 | 356,760 | 23,760 | 574,920 | |
| Drainage | Pipe Culvert | 600 | m | 351 | 59.30 | 91,40 | 6.80 | 20,814.30 | 32,081.40 | 2,386.80 | 55,282.50 | |
| | Box Culvert | 3.0×3.0 | m | 155 | 609.50 | 702.15 | 77.40 | 94,472.50 | 108,833.25 | 11,997 | 215,302.75 | |
| | Box Culvert | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162.70 | 0 | 0 | 0 | 0 | |
| | Demolishing | 0.5 x 1.0 | m | 0 | 6.80 | 3.10 | 0.90 | 0 | 0 | 0 | 0 | |
| | Concrete | H = 5.0 | m | 0 | 459,60 | 557,90 | 58.30 | 0 | 0 | 0 | 0 | |
| Wall | Masonry | H = 5.0 | m | 0 | 76.00 | 116.80 | 9.70 | 0 | 0 | 0, | | |
| | Revetment | Stone | m | 0 | 671.10 | 1,110.50 | 123.60 | 0 | 0 | 0 | 0 | |

Segment 4 (2-lane) (No.20 - No.79)

| | | | |] | | | | | | | | |
|--------------|---------------------|-------------------|----------------|----------|-----------|-----------|----------|-----------|--------------|-----------|-----------|-------------|
| | | | | Quantity | U | nit Cost | | Cons | struction C | ost | | |
| Item | Sub-Item | Class | Unit | | F.C | L.C | Tax | F.C | L.C | Tax | Total | Remarks |
| | Carriageway | Asphalt | 2 m | 52,440 | 15.9 | 11.6 | 1.3 | 833,796 | 608,304 | 68,172 | 1,510,272 | |
| | Shoulder | Asphalt | m ² | 19,665 | 12.4 | 8.3 | 1.0 | 243,846 | 163,219.5 | 19,665 | 426,730.5 | |
| Pavement | Service Road | Asphalt | m ² | 0 | 12.4 | 8.3 | 1.0 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Concrete Block | m ² | 3,480 | 6.1 | 8.4 | 0,8 | 21,228 | 29,232 | 2,784 | 53,244 | |
| | Overlay | Asphalt | m ² | 0 | 2.5 | 10.3 | 1.4 | 0 | 0 | 0 | 0 | |
| | Kerb | Concrete | m | 0 | 5.7 | 12.6 | 0.9 | 0 | 0 | 0 | 0 | |
| | Central Reserved | Concrete | m | 0 | 10.4 | 25.2 | 1.8 | 0 | 0 | 0 | 0. | |
| Additional | Guard Rail | Steel | m | 4,500 | 34.5 | 10.3 | 4.4 | 155,250 | 46,350 | 19,800 | 221,400 | |
| Facility | Lighting | Stee1 | m | 0 | 11.0 | 9.0 | 1.0 | 0 | 0 | 0 | 0 | |
| | Lane-Marks | Paint | m | 5,850 | 0.3 | 0.6 | 0.05 | 1,755 | 3,510 | 292.5 | 5,557.5 | |
| | At-Grade | | No. | 3 | 30,534.8 | 59,728.4 | 2,706.2 | 91,604.4 | 179,185.2 | 8,118.6 | 278,908.2 | |
| Intersection | Interchange | | Vol. | 0 | 705,314.0 | 775,542.6 | 74,928.8 | 0 | 0 | 0 | 0 | |
| | L ≤ 50 | Concrete | m ² | | = | _ | _ | | _ | _ | | |
| Bridge | L > 50 | Concrete | m ² | | - | - | | | - | | _ | |
| Approach | Road | | m | 0 | 428.2 | 461.3 | 45.1 | 0 | 0 | 0 | 0 | |
| TOTAL | | | | | | | | 3,923,910 | 4,969,857 | 445,206.6 | 9,338,974 | |

Segment 5 (4-1ane) (No.79 - No.100)

| · | I | | | | | | | | | | | |
|------------|--------------|--------------|----------------|--|----------|-----------|--------|-------------|--------------|------------|-----------|---------|
| | | | | |] | Unit Cost | | | Construction | Cost | | D 1 |
| Item | Sub-Item | Class | Unit | Quantity | F.C | L.C | Tax | F.C | L.C | Tax | Total | Remarks |
| Site | Residential | | m ² | 0 | 1.80 | 1.20 | 0.15 | 0 | 0 | 0 | 0 | |
| Clearing | Field | | m ² | 0 | 0.25 | 0.16 | 0.02 | 0 | 0 | 0 | 0 | |
| | Mountain | | m ² | 80,190 | 0.35 | 0.20 | 0.03 | 28,066.50 | 16,038 | 2,405.70 | 46,510.20 | |
| Excavation | Soi1 | | m ³ | 168,600 | 1.18 | 0.85 | 0.10 | 139,948 | 100,810 | 11,860 | 252,618 | |
| | Rock | | m ³ | 162,050 | 5.51 | 10.68 | 0.81 | 892,895.50 | 1,730,694 | 131,260.50 | 2,754,850 | |
| Embankment | | 18 1 | m ³ | 30,650 | 1.40 | 0.90 | 0.11 | 55,510 | 35,685 | 4,361.50 | 95,556.50 | |
| Slope | Grass | | m ² | 17,790 | 0 | 5.00 | 0.30 | 0 | 88,950 | 5,337 | 94,287 | |
| | Concrete | | m ² | 14,480 | 4.80 | 3.80 | 0.70 | 69,504 | 55,024 | 10,136 | 134,664 | |
| Turfing | Sidewalk | Grass & Tree | | 0 | 1.20 | 4.70 | 0.30 | 0 | 0 | 0 | 0 | |
| | Open Space | Grass | 2 m | 0 | 0 | 5.00 | 0.30 | 0 | 0 | 0 | 0 | |
| | Roadside | 0.5 x 1.0 | m | 0 | 48.50 | 101.30 | 6.10 | 0 | 0 | 0 | 0 | |
| | | 1.0 x 1.0 | m | 2,150 | 54.00 | 99.10 | 6.60 | 116,100 | 213,065 | 14,190 | 343,355 | |
| Drainage | Pipe Culvert | 600 | m | 172 | 59,30 | 91.40 | 6.80 | 10,199.60 | 15,720.80 | 1,169.60 | 27,090 | |
| | Box Culvert | 3.0 x 3.0 | m | 0 | 609.50 | 702.15 | 77.40 | 0 | 0 | 0 | 0 | |
| | | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162.70 | 0 | 0 | 0 | 0 | |
| | Demolishing | 0.5 x 1.0 | m | 0 | 6.80 | 3.10 | 0.90 | 0 | 0 | 0 | 0 | |
| | Concrete | H = 5.0 | m | 300 | 459.60 | 557.90 | 58.30 | 137,880 | 167,370 | 17,490 | 322,740 | |
| Wall | Masonry | H = 5.0 | m | 0 | 76.00 | 116.80 | 9.70 | 0 | 0 | 0 | 0 | |
| | Revetment | Stone | m | 0 | 671.10 | 1,110.50 | 123.60 | 0 | 0 | 0 | 0 | |

Segment 5 (4-lane) (No.79 - No.100)

| Segment 5 | (4-lane) (No | .79 - No.100) | | | | | | | | | | |
|-------------------------------------|---------------------|-------------------|----------------|----------|-----------|-----------|----------|-----------|-----------|---------|-----------|--|
| | | | | Quantity | | | | | | | | |
| Item | Sub-Item | Class | Unit | | F.C | L.C | Tax | F.C | L.C | Tax | Total | Remarks |
| | Carriageway | Asphalt | "2 m | 28,440 | 15.9 | 11.6 | 1.3 | 452,196 | 329,904 | 36,972 | 819,072 | |
| | Shoulder | Asphalt | m ² | 4,230 | 12.4 | 8.3 | 1.0 | 52,452 | 35,109 | 4,230 | 91,791 | interioriale de la companya de la c La companya de la co |
| Pavement | Service Road | Asphalt | m ² | 1,800 | 12.4 | 8.3 | 1.0 | 22,320 | 14,940 | 1,800 | 39,060 | |
| | Sidewalk | Concrete Block | m ² | 7,480 | 6.1 | 8.4 | 0.8 | 45,628 | 62,832 | 5,984 | 114,444 | |
| | Overlay | Asphalt | m ² | 0 | 2.5 | 10.3 | 1.4 | 0 | 0 | 0 | 0 | |
| | Kerb | Concrete | m | 4,300 | 5.7 | 12.6 | 0.9 | 24,510 | 54,180 | 3,870 | 82,560 | |
| Additional | Central Reserved | Concrete | m | 2,150 | 10.4 | 25.2 | 1.8 | 22,360 | 54,180 | 3,870 | 80,410 | |
| Facility | Guard Rail | Steel | m | 2,150 | 34.5 | 10.3 | 4.4 | 74,175 | 22,145 | 9,460 | 105,780 | |
| Table Mills Table 1 State (1984) | Lighting | Stee1 | m | 0 | 11.0 | 9.0 | 1.0 | 0 | 0 | 0 | 0 | |
| | Lane-Marks | Paint | m | 2,150 | 0.3 | 0.6 | 0.05 | 645 | 1,290 | 107.5 | 2042.5 | |
| Intersection | At-Grade | | No. | 0, | 30,534.8 | 59,728.4 | 2,706.2 | 0 | 0 | 0, | .0 | |
| intersection | Interchange | | Vol. | 0 | 705,314.0 | 775,542.6 | 74,928.8 | 0 | 0 | 0 | 0 | |
| | L ≤ 50 | | m ² | | | <u>-</u> | | | | | | |
| Bridge | L > 50 | Bridge | m ² | | | | <u>-</u> | | | | | |
| Approach | Road | Bridge | m | 0 | 428.2 | 461,3 | 45.1 | 0 | 0 | 0 | 0 | |
| TOTAL | | | | | | | | 2,144,389 | 2,997,936 | 264,503 | 5,406,830 | |

Segment 5 (2-lane) (No.79 - No.100)

| | | | | | | Unit Cost | | Cons | truction Cost | | | |
|---------------------------------------|--|--------------|----------------|----------|----------|-----------|--------|----------|---------------|----------|------------|---------|
| Item | Sub-Item | Class | Unit | Quantity | F.C | L.C | Tax | F.C | L.C | Tax | Total | Remarks |
| Site | Residential | | m ² | 0 | 1,80 | 1.20 | 0.15 | 0 | . 0 | 0 | 0 | |
| Clearing | Field | | m ² | 0 | 0.25 | 0.16 | 0.02 | 0 . | 0 | 0 | 0 | |
| | Mountain | | m ² | 55,660 | 0.35 | 0.20 | 0.03 | 19,481 | 11,132 | 1,669.80 | 32,282.80 | |
| Excavation | Soi1 | | 3 m | 136,650 | 1.18 | 0.85 | 0.10 | 161,247 | 116,152.50 | 13,665 | 291,064.50 | |
| EXCAVALION | Rock | | m ³ | 140,100 | 5.51 | 10.68 | 0.81 | 771,951 | 1,496,268 | 113,481 | 2,381,700 | |
| Embankment | | | m ³ | 15,600 | 1.40 | 0.90 | 0.11 | 21,840 | 14,040 | 1,716 | 37,596 | |
| Slope | Grass | | m ² | 20,370 | 0 | 5.00 | 0.30 | 0 | 101,850 | 6,111 | 107,961 | |
| вторе | Concrete | | m ² | 16,720 | 4.80 | 3.80 | 0.70 | 80,256 | 63,536 | 11,704 | 155,496 | |
| Turfing | Sidewalk | Grass & Tree | i . | 0 | 1.20 | 4.70 | 0.30 | 0 | 0 | 0 | 0 | |
| | Open Space | Grass | 2 | 0 | 0 | 5.00 | 0.30 | 0 | 0 | 0 | 0 | |
| | Roadside | 0.5 x 1.0 | m | 0 | 48.50 | 101.30 | 6.10 | 0 | 0 | 0 | 0 | |
| <u>!</u> - | | 1.0 x 1.0 | m | 2,150 | 54,0 | 99.10 | 6.60 | 116,100 | 213,065 | 14,190 | 343,355 | |
| Drainage | Pipe Culvert | 600 | m | 114 | 59.30 | 91.40 | 6.80 | 6,760.20 | 10,419.60 | 775.20 | 17,955 | |
| in de Salanda (n. 1822). Geografia | The first of the second of the | 3.0 x 3.0 | m | 0 | 609.50 | 702.15 | 77.40 | 0 | 0 | 0 | 0 | |
| | Box Culvert | 5.0 x 5.0 | m | 0 | 1,374.30 | 1,563.90 | 162.70 | 0 | 0 | 0 | 0 | |
| | Demolishing | 0.5 x 1.0 | m | 0 | 6.80 | 3,10 | 0.90 | 0 | .0 | 0 | 0 | |
| | Concrete | H = 5.0 | m | 300 | 459.60 | 557.90 | 58.30 | 137,880 | 167,370 | 17,490 | 322,740 | |
| Wall | Masonry | H = 5.0 | m | 0 | 76.00 | 116.80 | 9.70 | 0 | 0 | 0 | 0 | |
| | Revetment | Stone | m | 0 | 671.10 | 1,110.50 | 123.60 | 0 | 0 | 0 | 0 | |

| Segment 5 | (2-1ane) (No | .79 - No.100) | e de la composition della comp | | | | | | | | | |
|----------------|---------------------|-------------------|--|----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-------------|
| Item | Sub-Item | Class | Unit | Quantity | | Unit Cost | Construct | | | n Cost | | Remarks |
| 1.00.11 | Dub Itom | | | | F.C | L.C | Tax | F.C | L.C | Tax | Total | ivella i KS |
| | Carriageway | Asphalt | _m 2 | 13,520 | 15.9 | 11.6 | 1.3 | 214,968 | 156,832 | 17,576 | 389,376 | |
| | Shoulder | Asphalt | m ² | 5,070 | 12.4 | 8.3 | 1.0 | 62,868 | 42,081 | 5,070 | 110,019 | |
| Pavement | Service Road | Asphalt | m ² | 0 | 12.4 | 8.3 | 1.0 | 0 | 0 | 0 | 0 | |
| | Sidewalk | Concrete Block | m ² | 5,200 | 6.1 | 8.4 | 0.8 | 31,720 | 43,680 | 4,160 | 79,560 | |
| | Overlay | Asphalt | m ² | 0 | 2.5 | 10.3 | 1.4 | 0 | . 0 | 0 | 0 | |
| | Kerb | Concrete | m | 4,300 | 5.7 | 12.6 | 0.9 | 24,510 | 54,180 | 3,870 | 82,560 | |
| Additional | Central Reserved | Concrete | m | 0 | 10.4 | 25.2 | 1.8 | 0 | 0 | 0 | 0 | |
| Facility | Guard Rail | Steel | m | 2,150 | 34.5 | 10.3 | 4.4 | 74,175 | 22,145 | 9,460 | 105,780 | |
| | Lighting | Stee1 | m | 0 | 11.0 | 9.0 | 1.0 | 0 | 0 | 0 | 0 | |
| | Lane-Marks | Paint | m | 2,150 | 0.3 | 0.6 | 0.05 | 645 | 1,290 | 107.5 | 2,042.5 | |
| | At-Grade | | No, | 0 | 30,534.8 | 59,728.4 | 2,706.2 | 0 | 0 | 0 , | 0 | |
| Intersection · | Interchange | | Vol. | 0 | 705,314.0 | 775,542.6 | 74,928.8 | 0 | 0 | 0 | 0 | |
| | L ∉ 50 | Concrete | m ² | . | - | _ | *** | | - | | - | |
| Bridge | L > 50 | Concrete | m ² | - | <u> </u> | <u>-</u> | ÷ | | - | | | |
| Approach | Road | | m | 0 | 428.2 | 461.3 | 45.1 | 0 | 0 | n 0 | 0 | |
| TOTAL | | | | | | | | 1,724,401 | 2,514,041 | 221,045.5 | 4,459,487 | |