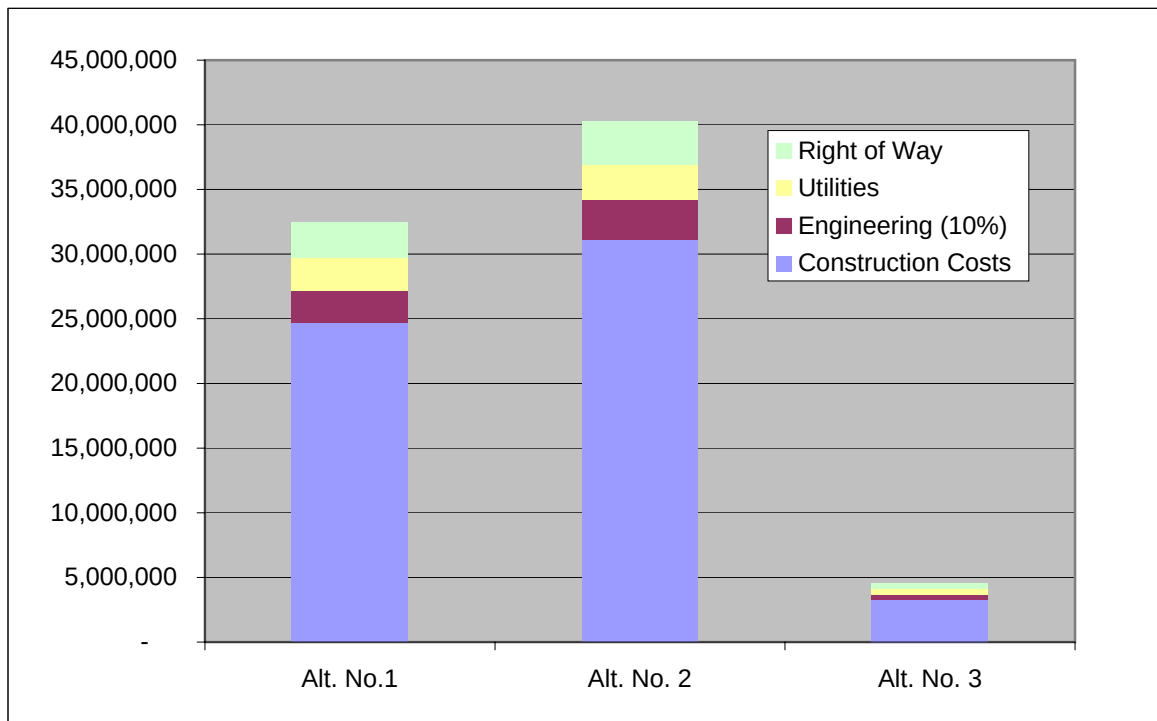


**MANSLICK ROAD INTERCHANGE  
PRELIMINARY COST ESTIMATES (2007 DOLLARS)**

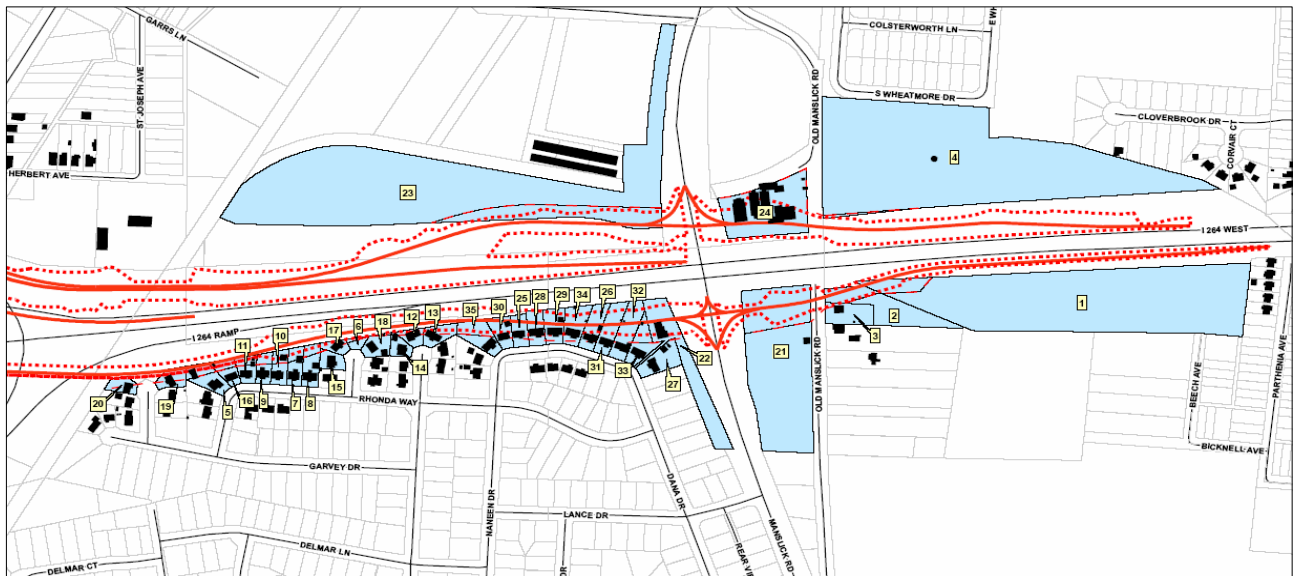
| Item                        | Alt. No.1           | Alt. No. 2          | Alt. No. 3         |
|-----------------------------|---------------------|---------------------|--------------------|
| Bridges                     | 7,910,000           | 12,115,000          | -                  |
| Retaining Walls             | 1,967,000           | 1,256,000           | 322,000            |
| Sound Barrier Walls         | 1,440,000           | 1,440,000           | -                  |
| Pedestrian Bridge           | 460,000             | 460,000             | 460,000            |
| Remove Structures           | 450,000             | 550,000             | -                  |
| Embankment in Place         | 2,419,000           | 3,295,000           | 453,000            |
| Erosion Protection          | 170,000             | 260,000             | 40,000             |
| Major Drainage              | 640,000             | 1,100,000           | 410,000            |
| Minor Drainage              | 240,000             | 410,000             | 20,000             |
| Guardrail                   | 130,000             | 220,000             | 44,000             |
| Paving                      | 2,660,000           | 3,010,000           | 740,000            |
| Pavement Markings           | 32,500              | 36,000              | 3,500              |
| Maintain Traffic            | 650,000             | 720,000             | 40,000             |
| Lighting                    | 1,400,000           | 1,500,000           | 160,000            |
| Signing                     | 350,000             | 380,000             | 70,000             |
| Signals                     | 350,000             | 350,000             | 190,000            |
| Dixie Highway Widening      | 1,200,000           | 1,200,000           | -                  |
| Contingencies (10%)         | 2,246,850           | 2,830,200           | 295,250            |
| Construction Costs Subtotal | 24,715,350          | 31,132,200          | 3,247,750          |
| <b>Rounded:</b>             | <b>Alt. No.1</b>    | <b>Alt. No. 2</b>   | <b>Alt. No. 3</b>  |
| Construction Costs          | 24,700,000          | 31,100,000          | 3,250,000          |
| Engineering (10%)           | 2,500,000           | 3,100,000           | 400,000            |
| Utilities                   | 2,500,000           | 2,700,000           | 500,000            |
| Right of Way                | 2,750,000           | 3,350,000           | 400,000            |
| <b>Total</b>                | <b>\$32,450,000</b> | <b>\$40,250,000</b> | <b>\$4,550,000</b> |



**Manslick Road Interchange Study**  
**PRELIMINARY COST ESTIMATES (2007 DOLLARS)**  
**Alternative 1**

| PARCELID          | ID  | Original Area (Sq Ft) | Original Value (\$) | New ROW (Sq ft) | New ROW (%) | New ROW (\$) | Building | Building Type | Relocation Expenses |
|-------------------|-----|-----------------------|---------------------|-----------------|-------------|--------------|----------|---------------|---------------------|
| 066J00130000      | 1   | 353026                | \$ 27,400           | 13870           | 4%          | \$ 1,076     | N        |               |                     |
| 066J00140000      | 2   | 41668                 | \$ 23,500           | 11089           | 27%         | \$ 6,254     | N        |               |                     |
| 066J00260000      | 3   | 17315                 | \$ 54,340           | 17315           | 100%        | \$ 54,340    | Y        | Res           | \$ 28,000           |
| 066J00620000      | 4   | 467874                | \$ 12,871           | 2409            | 1%          | \$ 66        | N        |               |                     |
| 090D00930000      | 5   | 14297                 | \$ 116,220          | 5327            | 37%         | \$ 43,302    | N        |               |                     |
| 090D00940000      | 6   | 3351                  | \$ -                | 808             | 24%         | \$ -         | N        |               |                     |
| 090D00960000      | 7   | 9878                  | \$ 117,190          | 3333            | 34%         | \$ 39,541    | N        |               |                     |
| 090D00970000      | 8   | 11948                 | \$ 139,400          | 2885            | 24%         | \$ 33,664    | N        |               |                     |
| 090D00980000      | 9   | 8070                  | \$ 95,060           | 2954            | 37%         | \$ 34,794    | N        |               |                     |
| 090D01000000      | 10  | 9427                  | \$ 107,410          | 3581            | 38%         | \$ 40,802    | N        |               |                     |
| 090D01170000      | 11  | 8557                  | \$ 105,300          | 3337            | 39%         | \$ 41,061    | N        |               |                     |
| 090D01190000      | 12  | 6130                  | \$ 91,000           | 6130            | 100%        | \$ 91,000    | Y        | Res           | \$ 28,000           |
| 090D01200000      | 13  | 9678                  | \$ 98,520           | 9678            | 100%        | \$ 98,520    | Y        | Res           | \$ 28,000           |
| 090D01330000      | 14  | 6777                  | \$ 145,888          | 252             | 4%          | \$ 5,425     | N        |               |                     |
| 090D01350000      | 15  | 7387                  | \$ 103,981          | 200             | 3%          | \$ 2,808     | N        |               |                     |
| 090D01400000      | 16  | 8617                  | \$ 117,480          | 3757            | 44%         | \$ 51,217    | N        |               |                     |
| 090D01510000      | 17  | 5253                  | \$ 129,190          | 5253            | 100%        | \$ 129,190   | Y        | Res           | \$ 28,000           |
| 090D01570000      | 18  | 9880                  | \$ 107,292          | 501             | 5%          | \$ 5,441     | N        |               |                     |
| Construction Cost | 171 | 999133                | 1592040.67          |                 |             |              |          |               |                     |
| <b>Rounded:</b>   | 19  | 8889                  | \$ 95,400           | 8889            | 100%        | \$ 95,400    | Y        | Res           | \$ 28,000           |
| Construction Cost | 171 | 999000                | 1590000             | 6829            | 1%          | \$ 10,869    | Y        | Res           | \$ 28,000           |
| Engineering (10%) | 21  | 175778                | \$ 12,500           | 46824           | 27%         | \$ 3,330     | N        |               |                     |
| 090E00760000      | 22  | 50696                 | \$ 97,920           | 50696           | 100%        | \$ 97,920    | Y        | Res           | \$ 28,000           |
| 090E01160000      | 23  | 466235                | \$ 122,110          | 50960           | 11%         | \$ 13,347    | N        |               |                     |
| 090E01400000      | 24  | 73429                 | \$ 265,540          | 73429           | 100%        | \$ 265,540   | Y        | Com           | \$ 40,000           |
| 090F00450000      | 25  | 8762                  | \$ 107,940          | 8762            | 100%        | \$ 107,940   | Y        | Res           | \$ 28,000           |
| 090F00470000      | 26  | 13090                 | \$ 107,070          | 13090           | 100%        | \$ 107,070   | Y        | Res           | \$ 28,000           |
| 090F00480000      | 27  | 15713                 | \$ 122,345          | 50              | 0%          | \$ 387       | N        |               |                     |
| 090F00500011      | 28  | 9943                  | \$ 104,210          | 9943            | 100%        | \$ 104,210   | Y        | Res           | \$ 28,000           |
| 090F00560000      | 29  | 11885                 | \$ 149,300          | 11885           | 100%        | \$ 149,300   | Y        | Res           | \$ 28,000           |
| 090F00590000      | 30  | 10180                 | \$ 135,550          | 10180           | 100%        | \$ 135,550   | Y        | Res           | \$ 28,000           |
| 090F01940000      | 31  | 15338                 | \$ 106,300          | 15338           | 100%        | \$ 106,300   | Y        | Res           | \$ 28,000           |
| 090F01990000      | 32  | 18284                 | \$ 106,150          | 18284           | 100%        | \$ 106,150   | Y        | Res           | \$ 28,000           |
| 090F02010000      | 33  | 14005                 | \$ 104,210          | 5805            | 41%         | \$ 43,194    | N        |               |                     |
| 090F02020000      | 34  | 14306                 | \$ 136,080          | 14306           | 100%        | \$ 136,080   | Y        | Res           | \$ 28,000           |
| 090F02090008      | 35  | 16527                 | \$ 107,090          | 8042            | 49%         | \$ 52,109    | N        |               |                     |

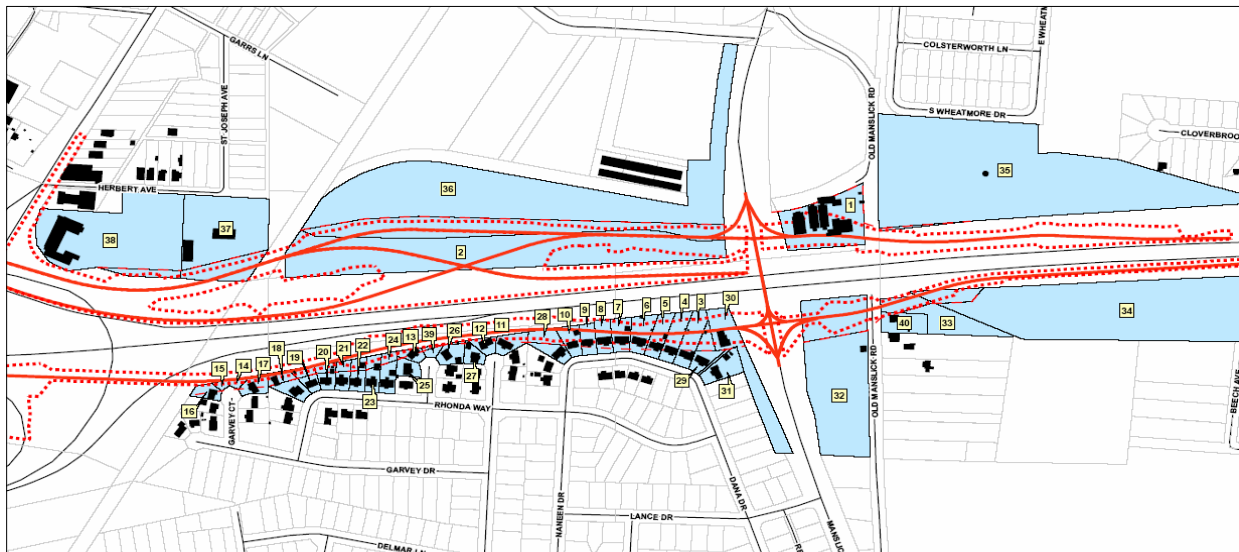
New ROW Subtotal \$ 2,213,198      Res: 15      \$ 460,000  
Relocation Subtotal \$ 460,000      Com: 1  
Total \$ 2,673,198  
Total Rounded \$ **2,750,000**



**Manslick Road Interchange Study**  
**PRELIMINARY COST ESTIMATES (2007 DOLLARS)**  
**Alternative 2**

| PARCELID             | ID | Original Area<br>(Sq Ft) | Original Value<br>(\$) | New ROW<br>(Sq ft) | New ROW<br>(%) | New ROW (\$) | Building | Building<br>Type | Relocation<br>Expenses |
|----------------------|----|--------------------------|------------------------|--------------------|----------------|--------------|----------|------------------|------------------------|
| 090E01400000         | 1  | 73429                    | \$ 265,540             | 73429              | 100%           | \$ 265,540   | Y        | Com              | \$ 40,000              |
| 090E00880000         | 2  | 263957                   | \$ -                   | 263957             | 100%           | \$ -         | Y        | Res              | \$ 28,000              |
| 090F01990000         | 3  | 18284                    | \$ 106,150             | 18284              | 100%           | \$ 106,150   | Y        | Res              | \$ 28,000              |
| 090F01940000         | 4  | 15338                    | \$ 106,300             | 15338              | 100%           | \$ 106,300   | Y        | Res              | \$ 28,000              |
| 090F00470000         | 5  | 13090                    | \$ 107,070             | 13090              | 100%           | \$ 107,070   | Y        | Res              | \$ 28,000              |
| 090F02020000         | 6  | 14306                    | \$ 136,080             | 14306              | 100%           | \$ 136,080   | Y        | Res              | \$ 28,000              |
| 090F00560000         | 7  | 11885                    | \$ 149,300             | 11885              | 100%           | \$ 149,300   | Y        | Res              | \$ 28,000              |
| 090F00500011         | 8  | 9943                     | \$ 104,210             | 9943               | 100%           | \$ 104,210   | Y        | Res              | \$ 28,000              |
| 090F00450000         | 9  | 8762                     | \$ 107,940             | 8762               | 100%           | \$ 107,940   | Y        | Res              | \$ 28,000              |
| 090F00590000         | 10 | 10180                    | \$ 135,550             | 10180              | 100%           | \$ 135,550   | Y        | Res              | \$ 28,000              |
| 090D01200000         | 11 | 9678                     | \$ 98,520              | 9678               | 100%           | \$ 98,520    | Y        | Res              | \$ 28,000              |
| 090D01190000         | 12 | 6130                     | \$ 91,000              | 6130               | 100%           | \$ 91,000    | Y        | Res              | \$ 28,000              |
| 090D01510000         | 13 | 5253                     | \$ 129,190             | 5253               | 100%           | \$ 129,190   | Y        | Res              | \$ 28,000              |
| 090D01520000         | 14 | 2413                     | \$ -                   | 2413               | 100%           | \$ -         | N        |                  |                        |
| 090D01720000         | 15 | 2002                     | \$ 800                 | 2002               | 100%           | \$ 800       | N        |                  |                        |
| 090D01700000         | 16 | 6829                     | \$ 93,060              | 6829               | 100%           | \$ 93,060    | Y        | Res              | \$ 28,000              |
| 090D01690000         | 17 | 8889                     | \$ 95,400              | 8889               | 100%           | \$ 95,400    | Y        | Res              | \$ 28,000              |
| 090D00930000         | 18 | 14297                    | \$ 116,220             | 5327               | 37%            | \$ 43,302    | N        |                  |                        |
| Construction Cost ## |    | 494665.71                | 1842330                |                    |                |              |          |                  |                        |
| <b>Rounded:</b>      | 19 | 8617                     | \$ 117,480             | 3757               | 44%            | \$ 51,217    | N        |                  |                        |
| Construction Cost ## |    | 495000                   | 1840000                | 3337               | 1%             | \$ 12,403    | N        |                  |                        |
| Engineering (10%)    | 21 | 8070                     | \$ 95,060              | 2954               | 37%            | \$ 34,794    | N        |                  |                        |
| 090D01000000         | 22 | 9427                     | \$ 107,410             | 3581               | 38%            | \$ 40,802    | N        |                  |                        |
| 090D00960000         | 23 | 9878                     | \$ 117,190             | 3333               | 34%            | \$ 39,541    | N        |                  |                        |
| 090D00970000         | 24 | 11948                    | \$ 139,400             | 2885               | 24%            | \$ 33,664    | N        |                  |                        |
| 090D01350000         | 25 | 7387                     | \$ 103,980             | 200                | 3%             | \$ 2,808     | N        |                  |                        |
| 090D01570000         | 26 | 9880                     | \$ 107,290             | 501                | 5%             | \$ 5,441     | N        |                  |                        |
| 090D01330000         | 27 | 6777                     | \$ 145,890             | 252                | 4%             | \$ 5,425     | N        |                  |                        |
| 090F02090008         | 28 | 16527                    | \$ 107,090             | 8042               | 49%            | \$ 52,109    | N        |                  |                        |
| 090F02010000         | 29 | 14005                    | \$ 104,210             | 5805               | 41%            | \$ 43,194    | N        |                  |                        |
| 090E00760000         | 30 | 50696                    | \$ 97,920              | 20170              | 40%            | \$ 38,959    | Y        | Res              | \$ 28,000              |
| 090F00480000         | 31 | 15713                    | \$ 122,350             | 50                 | 0%             | \$ 387       | N        |                  |                        |
| 090E00110000         | 32 | 175778                   | \$ 12,500              | 46824              | 27%            | \$ 3,330     | N        |                  |                        |
| 066J00140000         | 33 | 41668                    | \$ 23,500              | 11089              | 27%            | \$ 6,254     | N        |                  |                        |
| 066J00130000         | 34 | 353026                   | \$ 27,400              | 13870              | 4%             | \$ 1,077     | N        |                  |                        |
| 066J00620000         | 35 | 467874                   | \$ 12,870              | 2409               | 1%             | \$ 66        | N        |                  |                        |
| 090E01160000         | 36 | 466235                   | \$ 122,110             | 116418             | 25%            | \$ 30,491    | N        |                  |                        |
| 101504980000         | 37 | 127618                   | \$ 2,173,330           | 26941              | 21%            | \$ 458,800   | N        |                  |                        |
| 101504970000         | 38 | 182454                   | \$ 2,890,700           | 9571               | 5%             | \$ 151,638   | N        |                  |                        |
| 090D00940000         | 39 | 3351                     | \$ -                   | 808                | 24%            | \$ -         | N        |                  |                        |
| 066J00260000         | 40 | 17315                    | \$ 54,340              | 17315              | 100%           | \$ 54,340    | Y        | Res              | \$ 28,000              |

New ROW Subtotal \$ 2,836,151 Res: 16 \$ 488,000  
Relocation Subtotal \$ 488,000 Com: 1  
Total \$ 3,324,151  
Total Rounded \$ **3,350,000**



**Manslick Road Interchange Study**  
**PRELIMINARY COST ESTIMATES (2007 DOLLARS)**  
**Alternative 3**

| PARCELID            | ID | Original Area<br>(Sq Ft) | Original<br>Value (\$) | New ROW<br>(Sq ft) | New ROW<br>(%) | New ROW (\$) | Building | Building<br>type | Relocation<br>Expenses |
|---------------------|----|--------------------------|------------------------|--------------------|----------------|--------------|----------|------------------|------------------------|
| 066J00130000        | 1  | 353025.55                | \$ 27,400.00           | 13870              | 4%             | \$ 1,077     | N        |                  | \$ -                   |
| 066J00140000        | 2  | 41667.95                 | \$ 23,500.00           | 11089              | 27%            | \$ 6,254     | N        |                  | \$ -                   |
| 066J00260000        | 3  | 17314.77                 | \$ 54,340.00           | 17315              | 100%           | \$ 54,340    | Y        | Res              | \$ 28,000              |
| 066J00620000        | 4  | 467874.29                | \$ 12,870.00           | 2409               | 1%             | \$ 66        | N        |                  | \$ -                   |
| 090E00110000        | 5  | 175777.92                | \$ 12,500.00           | 46824              | 27%            | \$ 3,330     | N        |                  | \$ -                   |
| 090E01400000        | 6  | 73429.13                 | \$ 265,540.00          | 73429              | 100%           | \$ 265,540   | Y        | Com              | \$ 40,000              |
| New ROW Subtotal    |    |                          |                        |                    |                | \$ 330,606   | Res:     | 1                | \$ 68,000              |
| Relocation Subtotal |    |                          |                        |                    |                | \$ 68,000    | Com:     | 1                |                        |
| Total               |    |                          |                        |                    |                | \$ 398,606   |          |                  |                        |
| Total Rounded       |    |                          |                        |                    |                | \$ 400,000   |          |                  |                        |

