## B. TELEPHONE

### Aerial - Copper Wire

| | Computed or User | RW or Const | Type of Cable (Pair Cable) | No Entry Required | Number of Poles | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| A | Computed | RW | | | | 100% | $0 | $0 | $0 |
| B | Computed | RW | 400 | | 4 | 50% | $14,800 | $7,400 | $0 |
| C | Computed | RW | | | | 100% | $0 | $0 | $0 |
| D | Computed | RW | | | | 100% | $0 | $0 | $0 |
| | | | | | | | **$14,800** | **$7,400** | **$0** |

### Aerial - Fiber Optic

| | Computed or User | RW or Const | Type of Cable (Optical Fiber) | No Entry Required | Number of Poles | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| E | Computed | RW | | | | 100% | $0 | $0 | $0 |
| F | Computed | RW | | | | 100% | $0 | $0 | $0 |
| G | Computed | RW | | | | 100% | $0 | $0 | $0 |
| H | Computed | RW | | | | 100% | $0 | $0 | $0 |
| | | | | | | | **$0** | **$0** | **$0** |

### Underground - Copper Wire

| | Computed or User | RW or Const | Type of Cable (Pair Cable) | No Entry Required | Total Length(ft) | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| I | Computed | RW | | | | 100% | $0 | $0 | $0 |
| J | Computed | RW | | | | 100% | $0 | $0 | $0 |
| K | Computed | RW | | | | 100% | $0 | $0 | $0 |
| L | Computed | RW | | | | 100% | $0 | $0 | $0 |
| | | | | | | | **$0** | **$0** | **$0** |

### Underground - Fiber Optic

| | Computed or User | RW or Const | Type of Cable (Optical Fiber) | No Entry Required | Total Length(ft) | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| M | Computed | RW | | | | 100% | $0 | $0 | $0 |
| N | Computed | RW | | | | 100% | $0 | $0 | $0 |
| O | Computed | RW | | | | 100% | $0 | $0 | $0 |
| P | Computed | RW | | | | 100% | $0 | $0 | $0 |
| | | | | | | | **$0** | **$0** | **$0** |

### Underground - Copper Wire - In Conduit

| | Computed or User | RW or Const | Type of Cable (Pair Cable) | No Entry Required | Total Length(ft) | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| Q | Computed | RW | | | | 100% | $0 | $0 | $0 |
| R | Computed | RW | | | | 100% | $0 | $0 | $0 |
| S | Computed | RW | | | | 100% | $0 | $0 | $0 |
| T | Computed | RW | | | | 100% | $0 | $0 | $0 |
| | | | | | | | **$0** | **$0** | **$0** |

### Underground - Fiber Optic - In Conduit

| | Computed or User | RW or Const | Type of Cable (Optical Fiber) | No Entry Required | Total Length(ft) | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| U | Computed | RW | | | | 100% | $0 | $0 | $0 |
| V | Computed | RW | | | | 100% | $0 | $0 | $0 |
| W | Computed | RW | | | | 100% | $0 | $0 | $0 |
| X | Computed | RW | | | | 100% | $0 | $0 | $0 |
| | | | | | | | **$0** | **$0** | **$0** |

### Manholes for UG Telephone Service

| | Computed or User | RW or Const | Item | No Entry Required | Quantity | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| Y | Computed | RW | Telephone Manhole | | | 100% | $0 | $0 | $0 |
| Z | Computed | RW | Telephone Manhole | | | 100% | $0 | $0 | $0 |

### Misc. Telephone Costs

| | | |
|---|---|---|
| AA | Misc. Telephone Costs Charged to RW Project: | |
| BB | Misc. Telephone Costs Charged to Const. Project: | |

| TOTAL TELEPHONE | Total to RW Proj | Total to Const Proj |
|---|---|---|
| $14,800 | $7,400 | $0 |

## C. CATV

### Aerial CATV

| | Computed or User | RW or Const | Type of Service | No Entry Required | Number of Pole Att'mnts | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| A | Computed | RW | | | | 100% | $0 | $0 | $0 |
| B | Computed | RW | 1.00 Coax | | 0 | 100% | $0 | $0 | $0 |
| C | Computed | RW | | | | 100% | $0 | $0 | $0 |
| D | Computed | RW | | | | 100% | $0 | $0 | $0 |
| | | | | | | | $0 | $0 | $0 |

### Underground CATV

| | Computed or User | RW or Const | Type of Service | No Entry Required | Total Length(ft) | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| E | Computed | RW | | | | 100% | $0 | $0 | $0 |
| F | Computed | RW | 1.00 Coax | | 500 | 100% | $8,000 | $8,000 | $0 |
| G | Computed | RW | | | | 100% | $0 | $0 | $0 |
| H | Computed | RW | | | | 100% | $0 | $0 | $0 |
| | | | | | | | $8,000 | $8,000 | $0 |

### Power Units

| | Computed or User | RW or Const | Item | No Entry Required | Quantity | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| I | Computed | RW | CATV Power Supply | | | 100% | $0 | $0 | $0 |
| J | Computed | RW | CATV Power Supply | | | 100% | $0 | $0 | $0 |

### Misc. CATV Costs

Misc. CATV Costs Charged to RW Project:

Misc. CATV Costs Charged to Const. Project:

| TOTAL CATV | Total to RW Proj | Total to Const Proj |
|---|---|---|
| $8,000 | $8,000 | $0 |

## D. WATER

### Water Line

| | Computed or User | RW or Const | Diameter of Water Pipe (in) | Loaded $ per foot | Total Length(ft) | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| A | User | RW | | | | 50% | $0 | $0 | $0 |
| B | Computed | Const | 8 | | 500 | 50% | $62,500 | $0 | $31,250 |
| C | Computed | Const | | | | 100% | $0 | $0 | $0 |
| D | Computed | Const | | | | 100% | $0 | $0 | $0 |
| | | | | | | | $62,500 | $0 | $31,250 |

### Misc. Water Costs

E Misc. Water Costs Charged to Const. Project:

F Misc. Water Costs Charged to RW Project:

| TOTAL WATER | Total to RW Proj | Total to Const Proj |
|---|---|---|
| $62,500 | $0 | $31,250 |

## E. SANITARY SEWER

### Sewer Line

| | Computed or User | RW or Const | Diameter of Sewer Pipe (in) | No Entry Required | Total Length(ft) | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| A | Computed | Const | | | | 100% | $0 | $0 | $0 |
| B | Computed | Const | | | | 100% | $0 | $0 | $0 |
| C | Computed | Const | | | | 100% | $0 | $0 | $0 |
| D | Computed | Const | | | | 100% | $0 | $0 | $0 |
| | | | | | | | $0 | $0 | $0 |

### Misc. Sewer Costs

E Misc. Sewer Costs Charged to Const. Project:

F Misc. Sewer Costs Charged to RW Project:

| TOTAL SEWER | Total to RW Proj | Total to Const Proj |
|---|---|---|
| $0 | $0 | $0 |

## F. NATURAL GAS / PROPANE

### Distribution

| | Computed or User | RW or Const | Diameter of Gas Line (in) | No Entry Required | Total Length(ft) | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| A | Computed | RW | | | | 100% | $0 | $0 | $0 |
| B | Computed | RW | | | | 100% | $0 | $0 | $0 |
| C | Computed | RW | | | | 100% | $0 | $0 | $0 |
| D | Computed | RW | | | | 100% | $0 | $0 | $0 |
| | | | | | | | $0 | $0 | $0 |

### Transmission

| | Computed or User | RW or Const | Diameter of Gas Line (in) | No Entry Required | Total Length(ft) | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| E | Computed | RW | | | | 100% | $0 | $0 | $0 |
| F | Computed | RW | | | | 100% | $0 | $0 | $0 |
| G | Computed | RW | | | | 100% | $0 | $0 | $0 |
| H | Computed | RW | | | | 100% | $0 | $0 | $0 |
| | | | | | | | $0 | $0 | $0 |

### Misc. Natural Gas / Propane Costs

| | | |
|---|---|---|
| I | Misc. Gas / Pro Costs Charged to RW Project: | |
| J | Misc. Gas / Pro Costs Charged to Const. Project: | |

| TOTAL GAS / PROPANE | Total to RW Proj | Total to Const Proj |
|---|---|---|
| $0 | $0 | $0 |

## G. PETROLEUM

### Transmission

| | Computed or User | RW or Const | Diameter of Gas Line (in) | No Entry Required | Total Length(ft) | Percent VDOT | Total Cost | $ to RW Project | $ to Const Project |
|---|---|---|---|---|---|---|---|---|---|
| A | Computed | RW | | | | 100% | $0 | $0 | $0 |
| B | Computed | RW | | | | 100% | $0 | $0 | $0 |
| C | Computed | RW | | | | 100% | $0 | $0 | $0 |
| D | Computed | RW | | | | 100% | $0 | $0 | $0 |
| | | | | | | | $0 | $0 | $0 |

### Misc. Petroleum Costs

| | | |
|---|---|---|
| E | Misc. Petroleum Costs Charged to RW Project: | |
| F | Misc. Petroleum Costs Charged to Const. Project: | |

| TOTAL PETROLEUM | Total to RW Proj | Total to Const Proj |
|---|---|---|
| $0 | $0 | $0 |

## H. CELLULAR

### Cellular Telephone Costs

| | | |
|---|---|---|
| A | Total Cellular Costs Charged to RW Project: | |
| B | Total Cellular Costs Charged to Const. Project: | |

| TOTAL CELLULAR | Total to RW Proj | Total to Const Proj |
|---|---|---|
| $0 | $0 | $0 |

## I. ADDITIONAL COSTS

| | |
|---|---|
| Additional Utility Costs to Right-of-Way Project : | $0 |
| Comments: | |
| Additional Utility Costs to Construction Project : | $0 |
| Comments: | |
| Additional Utility Costs to Utility Owners/Others : | $0 |
| Comments: | |

| | |
|---|---|
| TOTAL UTILITY COST - RIGHT-OF-WAY PROJECT | *$156,000* |
| TOTAL UTILITY COST - CONSTRUCTION PROJECT | *$36,000* |
| TOTAL UTILITY COST - UTILITY OWNER / OTHERS | *$106,650* |
| **GRAND TOTAL UTILITY COSTS** | *$298,650* |

## Project Cost Estimating System
## COMMENTS

| | General / Miscellaneous Comments from CONST, RW, & UTILITY Worksheets: | Team Member and Section: | Date Entered: |
|---|---|---|---|
| 1 | Cost Estimates are for Comparative Purposes with regards to Tier 1 Improvements and do not include all items that might be | Gannett Fleming | 08/04/04 |
| 2 | needed for final project construction, such as rehabiltation of existing pavement. | | |
| 3 | Ad date revised to 2005 | Gannett Fleming | 05/26/05 |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |

# Project Cost Estimating System

## SUMMARY PAGE

ADD 2 LANES CONCEPT

| | |
|---|---|
| DISTRICT | Bristol, Salem & Staunton |
| PROJECT NUMBER | I-81 Study (8 lane) |
| PPMS NUMBER | n/a |
| AD DATE | 2005 |
| PROJECT MANAGER / DESIGNER | Chris Collins/VHB |
| Data Source for Construction Estimate: | CES |
| Data Source for Right-of-Way Estimate: | CES |
| Data Source for Utilities Estimate: | CES |
| DATE | *11/17/2005* |

THE FOLLOWING DATA WILL BE PROVIDED UPON COMPLETION OF THE REMAINDER OF THE WORKBOOK, WHICH IS ACCESSED BY SELECTING THE **CONST**, **RW**, & **UTIL** TABS BELOW

| | |
|---|---|
| CONSTRUCTION ESTIMATE | *$10,755,000* |
| PRELIMINARY ENGINEERING ESTIMATE | *$1,530,000* |
| RIGHT-OF-WAY & UTILITIES ESTIMATE | *$2,680,400* |
| TOTAL PROJECT ESTIMATE | *$14,965,400* |



Revised 12/08/03 RDW

Estimate Class: PFI

Version 2.0

# Project Cost Estimating System
# CONSTRUCTION / BRIDGE / PE

| | | | | |
|---|---|---|---|---|
| **Project / PPMS #** | | | | |
| **Interstate Project ?** | YES | | | |
| **Route Number** | 81 | | Interstate Highway | |
| **Geometric Standard** | Interstate | * | Principal Arterial - Freeway | |
| **Ad Date** | 2005 | | Design Year = | 2027 |
| **Design Year ADT** | 30,000 | * | **Project Terrain** | Rolling |
| *Box Must Be Empty* | | | Approx. DHV = | 4,500 |
| | | | Minimum | |
| **Enter Design Speed (MPH) (Enter 60 or 70)** | 70 | * | Design Speed = | 70 MPH |
| *Box Must Be Empty* | | | | |
| *Box Must Be Empty* | | | | |
| **Project Length (mi.)** | 1.00 | * | *Number of Additional Lanes:* | *Length of Add'l. Lanes (mi.):* |
| Total Length -Adding or Building **Two Lanes** (mi.) | 0.00 | * | | |
| Total Length - Adding or Building **Four Lanes** (mi.) | 2.00 | * | *+ Two Add'l. Lanes* | *1.00* |
| Total Length - Building **Ramps** and **Loops** (mi.) | 0.00 | * | *None* | |
| *Box Must Be Empty* | | | | |
| *Box Must Be Empty* | | | Normal Lane Width (ft.) | 12 |
| *Box Must Be Empty* | | | Total Alignment Miles Computed | |
| *Box Must Be Empty* | | | (Required for LD-430 Scoping Report) | 3.60 |
| *Box Must Be Empty* | | | | |
| *Box Must Be Empty* | | | | |
| Number of **Right Turn Lanes** - Left PLUS Right Side | 0 | * | | |
| *Box Must Be Empty* | | | *Project Location:* | ***SALEM*** |
| | | | *95%* | *of Statewide Avg.* |
| **Number of New Traffic Signals Required** | 0 | * | | |
| **Number of Traffic Signals Requiring Adjustment** | 0 | * | Base Estimate | *$9,072,000* |
| **Cost of Large Drainage Structures ($)** | $140,000 | * | *Constr. Engr.* | *$1,065,960* |
| **In-Plan Utility Costs** | *$36,000* | | Const. Est. (Today) | ***$10,137,960*** |
| **Adjustment for Unusual Construction Costs ($)** | $250,000 | * | | |
| Examples - Add $'s for: Bicycle Facilities, Landscaping, Retaining Walls, Lighting, Wetlands Mitigation Sites, etc. | | | **Construction Estimate in Mid- 2005** | ***$10,755,000*** |

*Continued on Next Page*

*Continued from Previous Page*

| | | | |
|---|---|---|---|
| **Additional (or Unusual) P. E. Costs ($)** | $10,000 | **Preliminary Engineering Cost** | *$1,530,000* |
| **Select % of PE to be performed by Consultants** | 100% | | |
| **Note: Do Not Include Bridge P. E. Costs Here** | | Roadway P. E. $ / Roadway Const. $ = | 14.2% |

# BRIDGE TOTALS

BRIDGE COUNT: 0

| | |
|---|---|
| **Bridge Estimate (Today)** | *$0* |
| **Total Bridge Estimate in Mid- 2005** | *$0* |
| **Total Bridge P. E. Costs** | *$0* |

# CONSTRUCTION & PE TOTALS

| | |
|---|---|
| **Total Construction Estimate (Roadway plus Bridge)** | *$10,755,000* |
| **Total Preliminary Engineering Estimate (Roadway plus Bridge)** | *$1,530,000* |


Revised 12/08/03 RDW

**Today's Date: 11/17/05**

Version 2.0

# BRIDGE CONSTRUCTION AND PRELIMINARY ENGINEERING COSTS

| | BRIDGE CONSTRUCTION | BRIDGE P. E. |
|---|---|---|
| **Proposed BRIDGE # 1** Length (ft.) | | % by Consultants: |
| Width (ft.) | $0 | |
| Complexity / Type of New Bridge (C, M, S, WEB, or SRO) | | |
| | Constr. Engr. Br. # 1 | P.E.Bridge # 1 |
| | $0 | $0 |
| Removal of Existing Structure # 1: | 0.0% | Misc. Cost Bridge # 1 |
| Length of Existing Structure (ft.) | | |
| Width of Existing Structure (ft.) | $0 | |
| **Proposed BRIDGE # 2** Length (ft.) | | % by Consultants: |
| Width (ft.) | $0 | |
| Complexity / Type of New Bridge (C, M, S, WEB, or SRO) | | |
| | Constr. Engr. Br. # 2 | P.E.Bridge # 2 |
| | $0 | $0 |
| Removal of Existing Structure # 2: | 0.0% | Misc. Cost Bridge # 2 |
| Length of Existing Structure (ft.) | | |
| Width of Existing Structure (ft.) | $0 | |
| **Proposed BRIDGE # 3** Length (ft.) | | % by Consultants: |
| Width (ft.) | $0 | |
| Complexity / Type of New Bridge (C, M, S, WEB, or SRO) | | |
| | Constr. Engr. Br. # 3 | P.E.Bridge # 3 |
| | $0 | $0 |
| Removal of Existing Structure # 3: | 0.0% | Misc. Cost Bridge # 3 |
| Length of Existing Structure (ft.) | | |
| Width of Existing Structure (ft.) | $0 | |
| **Proposed BRIDGE # 4** Length (ft.) | | % by Consultants: |
| Width (ft.) | $0 | |
| Complexity / Type of New Bridge (C, M, S, WEB, or SRO) | | |
| | Constr. Engr. Br. # 4 | P.E.Bridge # 4 |
| | $0 | $0 |
| Removal of Existing Structure # 4: | 0.0% | Misc. Cost Bridge # 4 |
| Length of Existing Structure (ft.) | | |
| Width of Existing Structure (ft.) | $0 | |
| **Proposed BRIDGE # 5** Length (ft.) | | % by Consultants: |
| Width (ft.) | $0 | |
| Complexity / Type of New Bridge (C, M, S, WEB, or SRO) | | |
| | Constr. Engr. Br. # 5 | P.E.Bridge # 5 |
| | $0 | $0 |
| Removal of Existing Structure # 5: | 0.0% | Misc. Cost Bridge # 5 |
| Length of Existing Structure (ft.) | | |
| Width of Existing Structure (ft.) | $0 | |

# BRIDGE CONSTRUCTION AND PE COSTS (continued)

| | BRIDGE CONSTRUCTION | BRIDGE P. E. |
|---|---|---|
| **Proposed BRIDGE # 6** Length (ft.) | | % by Consultants: |
| Width (ft.) | $0 | |
| Complexity / Type of New Bridge (C, M, S, WEB, or SRO) | | |
| | Constr. Engr. Br. # 6 | P.E.Bridge # 6 |
| Removal of Existing Structure # 6: | $0 | $0 |
| Length of Existing Structure (ft.) | 0.0% | Misc. Cost Bridge # 6 |
| Width of Existing Structure (ft.) | $0 | |
| **Proposed BRIDGE # 7** Length (ft.) | | % by Consultants: |
| Width (ft.) | $0 | |
| Complexity / Type of New Bridge (C, M, S, WEB, or SRO) | | |
| | Constr. Engr. Br. # 7 | P.E.Bridge # 7 |
| Removal of Existing Structure # 7: | $0 | $0 |
| Length of Existing Structure (ft.) | 0.0% | Misc. Cost Bridge # 7 |
| Width of Existing Structure (ft.) | $0 | |
| **Proposed BRIDGE # 8** Length (ft.) | | % by Consultants: |
| Width (ft.) | $0 | |
| Complexity / Type of New Bridge (C, M, S, WEB, or SRO) | | |
| | Constr. Engr. Br. # 8 | P.E.Bridge # 8 |
| Removal of Existing Structure # 8: | $0 | $0 |
| Length of Existing Structure (ft.) | 0.0% | Misc. Cost Bridge # 8 |
| Width of Existing Structure (ft.) | $0 | |
| **Proposed BRIDGE # 9** Length (ft.) | | % by Consultants: |
| Width (ft.) | $0 | |
| Complexity / Type of New Bridge (C, M, S, WEB, or SRO) | | |
| | Constr. Engr. Br. # 9 | P.E.Bridge # 9 |
| Removal of Existing Structure # 9: | $0 | $0 |
| Length of Existing Structure (ft.) | 0.0% | Misc. Cost Bridge # 9 |
| Width of Existing Structure (ft.) | $0 | |

***NOTE*: Structure Complexity is based upon Height, Difficulty of Construction, and other Factors**

***NOTE*: Projected Estimate Requires Route Number, Ad Date (Year), and other applicable data to be Entered / Selected previously on This Worksheet**

| | |
|---|---|
| **Bridge Estimate (Today)** | $0 |
| **Total Bridge Estimate in Mid- 2005** | $0 |
| **Total Bridge P. E. Costs** | $0 |

# Project Cost Estimating System
# RIGHT-OF-WAY ESTIMATE

**Project & PPMS Numbers :**

**VDOT Construction District :**

**Select Project Area Real Estate Costs :** Average

**Define Project Land Use Characteristics :**

| | |
|---|---|
| Agricultural : | 50% |
| Residential : | 40% |
| Industrial : | 0% |
| Commercial : | 10% |
| | 100% |

**Instructions: Please fill-in all applicable White Boxes or make a choice from the Drop-down Lists**

***Enter the Approximate Number of Parcels on the Project :*** <<

Select *Computed* or User Defined Costs : ***Computed Costs***

## 1. LAND VALUE

**Prop. Right-of-Way**

| | | | | |
|---|---|---|---|---|
| Total Right-of-Way Project Length (ML + Connections) | 5,280 | ft | *Computed RW Cost per sq ft =* | ***$0.57*** |
| Average width of Existing RW | 160 | ft | Enter Right-of-Way Estimator's Right-of-Way Cost per sq ft : | |
| Average width of Proposed RW | 220 | ft | | |
| Total area of all additional Prop. Right-of-Way | 390,720 | sf | 707,520 sq ft = 16.242 Ac. | |
| Approx. % of Prop. CL within | 30 | ft of Exist. CL | | 100% |
| Approx. % of Prop. CL between | 30 | ft & 190 ft of Exist. CL | | 0% |
| Approx. % of Prop. CL greater than | 190 | ft from Exist. CL | | 0% |

**Temp. Ease.**

| | | | | |
|---|---|---|---|---|
| Average Width of parallel Temporary Easements Left | | ft | *Comp. Temp. Ease. Cost / sq ft =* | ***$0.14*** |
| Total Length of parallel Temporary Easements Left | | ft | Enter Right-of-Way Estimator's Temp. Ease. Cost per sq ft : | |
| Average Width of parallel Temporary Easements Right | | ft | | |
| Total Length of parallel Temporary Easements Right | | ft | 0 sq ft = 0.000 Ac. | |

**Perm. Util. Ease.**

| | | | | |
|---|---|---|---|---|
| *This Box Must Be Empty >* | 132,000 | sf | *Comp. Utility Ease. Cost / sq ft =* | ***$0.00*** |
| *This Box Must Be Empty >* | | | RW Est's. Utility Ease. Cost per sq ft : | **$0.22** |
| | | | 132,000 sq ft = 3.030 Ac. | |
| *This Box Must Be Empty >* | 0 | ea | *Comp. Perm. Ease. Cost / sq ft =* | ***$0.46*** |
| | | | RW Est's. Perm. Ease. Cost per sq ft : | |
| Total area of All Permanent Easements | 132,000 | sf | 132,000 sq ft = 3.030 Ac. | |

***COST OF LAND (Item # 1)*** ***$492,800*** ***(Computed Costs)***

## 2. BUILDING VALUE

Based upon comparison to similar, occupied **Residential Dwellings** **in the Project Area**, enter the Number of:

| | | Computed: |
|---|---|---|
| A. Low Cost Residential Dwellings : | | $0 |
| B. Moderately Low Cost Dwellings : | | $0 |
| C. Average Cost Residential Dwellings : | 8 | $900,000 |
| D. Moderately High Cost Dwellings : | | $0 |
| E. High Cost Residential Dwellings : | | $0 |
| ***Computed Total Residential Dwelling Costs :*** | | ***$900,000*** |
| **Estimator's Total Residential Dwelling Costs :** | | **$900,000** |

Enter the total estimated cost of ALL **COMMERCIAL & INDUSTRIAL BUILDINGS** to be taken:

***Note: No Computed Costs Available. Use User Defined Costs Below:***

**Estimator's Total Commercial / Industrial Buildings Costs :** <<

## 3. OTHER IMPROVEMENTS

Enter the estimated cost of ALL **OTHER IMPROVEMENTS** on the Project:

| | |
|---|---|
| ***Computed Total Other Improvements Costs :*** | ***$94,300*** |
| **Estimator's Total Other Improvements Costs :** | **$94,300** |

## 4. DAMAGES

| | |
|---|---|
| Anticipated % of Parcels Affected by Damages to Remainder : | 50% |
| Anticipated Relative Cost Impact of Damages to Remainder : | Moderate |
| Approximate Number of Parcels Affected : | 0 |
| ***Computed Cost of Damages to Remainder :*** | ***$0*** |
| **Estimator's Total Cost of Damages to Remainder :** | **$126,750** |

***TOTAL ACQUISITIONS (Items # 1 - 4)*** ***$1,487,100*** ***(Computed Costs)***