

## 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
							<b>\$14,800</b>	<b>\$7,400</b>	<b>\$0</b>

### 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
							<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### 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
							<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### 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
							<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### 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
							<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### 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
							<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### 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:								
							<b>TOTAL TELEPHONE</b>	<b>Total to RW Proj</b>	<b>Total to Const Proj</b>
							\$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
							<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

#### 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
							<b>\$8,000</b>	<b>\$8,000</b>	<b>\$0</b>

#### 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
							<b>\$62,500</b>	<b>\$0</b>	<b>\$31,250</b>

#### Misc. Water Costs

Misc. Water Costs Charged to Const. Project:

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
							<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

#### Misc. Sewer Costs

Misc. Sewer Costs Charged to Const. Project:

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
							<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### 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
							<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### Misc. Natural Gas / Propane Costs

I	Misc. Gas / Pro Costs Charged to RW Project:	<input type="text"/>	TOTAL GAS / PROPANE	Total to RW Proj	Total to Const Proj
J	Misc. Gas / Pro Costs Charged to Const. Project:	<input type="text"/>			
			\$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
							<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

### Misc. Petroleum Costs

E	Misc. Petroleum Costs Charged to RW Project:	<input type="text"/>	TOTAL PETROLEUM	Total to RW Proj	Total to Const Proj
F	Misc. Petroleum Costs Charged to Const. Project:	<input type="text"/>			
			\$0	\$0	\$0

## H. CELLULAR

### Cellular Telephone Costs

A	Total Cellular Costs Charged to RW Project:	<input type="text"/>	TOTAL CELLULAR	Total to RW Proj	Total to Const Proj
B	Total Cellular Costs Charged to Const. Project:	<input type="text"/>			
			\$0	\$0	\$0

## I. ADDITIONAL COSTS

	Additional Utility Costs to <u>Right-of-Way Project</u> :	<input type="text"/>	\$0
Comments:	<input type="text"/>		
	Additional Utility Costs to <u>Construction Project</u> :	<input type="text"/>	\$0
Comments:	<input type="text"/>		
	Additional Utility Costs to <u>Utility Owners/Others</u> :	<input type="text"/>	\$0
Comments:	<input type="text"/>		

TOTAL UTILITY COST - <u>RIGHT-OF-WAY PROJECT</u>	<input type="text"/>	<b>\$156,000</b>
TOTAL UTILITY COST - <u>CONSTRUCTION PROJECT</u>	<input type="text"/>	<b>\$36,000</b>
TOTAL UTILITY COST - <u>UTILITY OWNER / OTHERS</u>	<input type="text"/>	<b>\$106,650</b>
<b>GRAND TOTAL UTILITY COSTS</b>	<input type="text"/>	<b>\$298,650</b>

 <b>Project Cost Estimating System</b> <b>COMMENTS</b> 		
<b>General / Miscellaneous Comments from CONST, RW, &amp; UTILITY Worksheets:</b>	<b>Team Member and Section:</b>	<b>Date Entered:</b>
<b>1</b> 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
<b>2</b> needed for final project construction, such as rehabilitation of existing pavement.		
<b>3</b> Ad date revised to 2005	Gannett Fleming	05/26/05
<b>4</b>		
<b>5</b>		
<b>6</b>		
<b>7</b>		
<b>8</b>		
<b>9</b>		
<b>10</b>		
<b>11</b>		
<b>12</b>		
<b>13</b>		
<b>14</b>		
<b>15</b>		



# Project Cost Estimating System SUMMARY PAGE

*ADD 2 LANES CONCEPT*

DISTRICT

PROJECT NUMBER

PPMS NUMBER  AD DATE

PROJECT MANAGER / DESIGNER

Data Source for Construction Estimate:

Data Source for Right-of-Way Estimate:

Data Source for Utilities Estimate:

DATE

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

PRELIMINARY ENGINEERING ESTIMATE

RIGHT-OF-WAY & UTILITIES ESTIMATE

TOTAL PROJECT ESTIMATE



## Project Cost Estimating System CONSTRUCTION / BRIDGE / PE



Project / PPMS #

Interstate Project ?

Route Number

Interstate Highway

Geometric Standard  \* Principal Arterial - Freeway

Ad Date  Design Year = 2027

Design Year ADT  \* Project Terrain

Box Must Be Empty  Approx. DHV = 4,500  
Minimum

Enter Design Speed (MPH) (Enter 60 or 70)  \* Design Speed = 70 MPH

Box Must Be Empty

Box Must Be Empty

Project Length (mi.)  \* Number of Additional Lanes: Length of Add'l. Lanes (mi.):

Total Length - Adding or Building **Two Lanes** (mi.)  \*

Total Length - Adding or Building **Four Lanes** (mi.)  \*

Total Length - Building **Ramps** and **Loops** (mi.)  \*

Box Must Be Empty

Normal Lane Width (ft.)

Total Alignment Miles Computed (Required for LD-430 Scoping Report)

Number of **Right Turn Lanes** - Left PLUS Right Side  \*

Box Must Be Empty

Project Location: **SALEM**  
95% of Statewide Avg.

Number of **New Traffic Signals** Required  \*

Number of **Traffic Signals Requiring Adjustment**  \*

Cost of Large Drainage Structures (\$)  \*

Base Estimate

Constr. Engr.

In-Plan Utility Costs  Const. Est. (Today)

Adjustment for Unusual Construction Costs (\$)  \*

Examples - Add \$'s for: Bicycle Facilities, Landscaping, Retaining Walls, Lighting, Wetlands Mitigation Sites, etc.

**Construction Estimate in Mid- 2005**

Continued on Next Page

Continued from Previous Page

Additional (or Unusual) P. E. Costs (\$)

Preliminary Engineering Cost

Select % of PE to be performed by Consultants

Note: Do Not Include Bridge P. E. Costs Here Roadway P. E. \$ / Roadway Const. \$ = 14.2%

### BRIDGE TOTALS

BRIDGE COUNT: 0

Bridge Estimate (Today)

Total Bridge Estimate in Mid- 2005

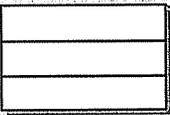
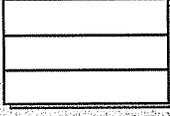
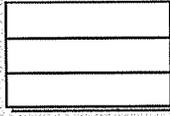
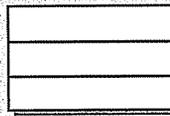
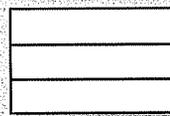
Total Bridge P. E. Costs

### CONSTRUCTION & PE TOTALS

Total Construction Estimate  
(Roadway plus Bridge)

Total Preliminary Engineering Estimate  
(Roadway plus Bridge)

# BRIDGE CONSTRUCTION AND PRELIMINARY ENGINEERING COSTS

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

## BRIDGE CONSTRUCTION AND PE COSTS (continued)

	BRIDGE CONSTRUCTION	BRIDGE P. E.
<b>Proposed BRIDGE # 6</b> Length (ft.)	<input style="width: 100%;" type="text"/>	% by Consultants:
Width (ft.)	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text"/>
Complexity / Type of New Bridge (C, M, S, WEB, or SRO)	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Removal of Existing Structure # 6:	Constr. Engr. Br. # 6	P.E. Bridge # 6
Length of Existing Structure (ft.)	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text" value="\$0"/>
Width of Existing Structure (ft.)	0.0%	Misc. Cost Bridge # 6
	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text"/>
<b>Proposed BRIDGE # 7</b> Length (ft.)	<input style="width: 100%;" type="text"/>	% by Consultants:
Width (ft.)	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text"/>
Complexity / Type of New Bridge (C, M, S, WEB, or SRO)	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Removal of Existing Structure # 7:	Constr. Engr. Br. # 7	P.E. Bridge # 7
Length of Existing Structure (ft.)	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text" value="\$0"/>
Width of Existing Structure (ft.)	0.0%	Misc. Cost Bridge # 7
	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text"/>
<b>Proposed BRIDGE # 8</b> Length (ft.)	<input style="width: 100%;" type="text"/>	% by Consultants:
Width (ft.)	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text"/>
Complexity / Type of New Bridge (C, M, S, WEB, or SRO)	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Removal of Existing Structure # 8:	Constr. Engr. Br. # 8	P.E. Bridge # 8
Length of Existing Structure (ft.)	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text" value="\$0"/>
Width of Existing Structure (ft.)	0.0%	Misc. Cost Bridge # 8
	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text"/>
<b>Proposed BRIDGE # 9</b> Length (ft.)	<input style="width: 100%;" type="text"/>	% by Consultants:
Width (ft.)	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text"/>
Complexity / Type of New Bridge (C, M, S, WEB, or SRO)	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
Removal of Existing Structure # 9:	Constr. Engr. Br. # 9	P.E. Bridge # 9
Length of Existing Structure (ft.)	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text" value="\$0"/>
Width of Existing Structure (ft.)	0.0%	Misc. Cost Bridge # 9
	<input style="width: 100%;" type="text" value="\$0"/>	<input style="width: 100%;" type="text"/>

**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)

Total Bridge Estimate in Mid- 2005

Total Bridge P. E. Costs



# Project Cost Estimating System RIGHT-OF-WAY ESTIMATE



Project & PMS Numbers :

VDOT Construction District :

Select Project Area Real Estate Costs :

Define Project Land Use Characteristics :

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

Average	
Agricultural :	50%
Residential :	40%
Industrial :	0%
Commercial :	10%
	100%

Enter the Approximate Number of Parcels on the Project :

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

## 1. LAND VALUE

Prop. Right-of-Way  
Temp. Ease.  
Perm. Util. Ease.

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-	
Average width of Proposed RW	220	ft	Way Cost per sq 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%
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.	
Average Width of parallel Temporary Easements Right		ft	Ease. Cost per sq ft :	
Total Length of parallel Temporary Easements Right		ft	0 sq ft =	0.000 Ac.
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.
<b>COST OF LAND (Item # 1)</b>		<b>\$492,800</b>	<b>(Computed Costs)</b>	

## 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
<b>Computed Total Residential Dwelling Costs :</b>	<b>\$900,000</b>
<b>Estimator's Total Residential Dwelling Costs :</b>	<b>\$900,000</b>

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
<b>Computed Cost of Damages to Remainder :</b>	<b>\$0</b>
<b>Estimator's Total Cost of Damages to Remainder :</b>	<b>\$126,750</b>

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