

APPENDIX C - IMPROVEMENT COST ESTIMATES

**CHESSE DRIVE IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route	<u>04-SM-92</u>
PM	<u>13.61</u>
EA	<u>0</u>
Program Code	<u>0.00</u>

Section 6 - Minor Items

$\$ \underline{831,827} \times 5\% = \$ \underline{40,000}$
 (Subtotal Sections 1 - 5)

TOTAL MINOR ITEMS \$ 40,000

Section 7 - Roadway Mobilization

$\$ \underline{871,827} \times 10\% = \underline{90,000}$
 (Subtotal Sections 1 - 6)

TOTAL ROADWAY MOBILIZATION \$ 90,000

Section 8 - Roadway Additions

Supplemental Work $\$ \underline{871,827} \times 10\% = \$ \underline{90,000}$
 (Subtotal Sections 1 - 6)

Cost Escalation $\$ \underline{871,827} \times 5\% = \$ \underline{40,000}$
(Subtotal Sections 1 - 6)

Contingencies $\$ \underline{871,827} \times 25\% = \$ \underline{220,000}$
 (Subtotal Sections 1 - 6)

Total Roadway Additions \$ \$350,000

TOTAL ROADWAY ITEMS \$ \$1,311,827
 (Subtotal of Sections 1-8)

Estimate Prepared by _____ Phone _____ Date _____
 (Print Name)

Estimate Checked by _____ Phone _____ Date _____
 (Print Name)

**CHESSE DRIVE IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route 04-SM-92
PM 13.61
EA 0
Program Code 0.00

II. STRUCTURE ITEMS (continued)

	Structure No. 1	Structure No. 2	Structure No. 3	Structure No. 3
Bridge Name				
Structure Type				
Width (out to out) - ft				
Span Lengths - ft				
Total Area - (square ft)				
Cost per square ft. (incl. 10% mobilization and 25% contingency)				
Total Cost for Structure				

SUBTOTAL STRUCTURES ITEMS \$ 0
 (Sum of Total Cost for Structures)

Railroad Related Costs:		\$	
		\$	
		\$	

SUBTOTAL RAILROAD ITEMS \$ 0

TOTAL STRUCTURES ITEM. \$ 0
 (Sum of Structures Items plus Railroad Items)

COMMENTS:

Estimate Prepared by _____ Phone # _____ Date _____
 (Print Name)

**CHESS DRIVE IMPROVEMENTS
PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route 04-SM-92

PM 13.61
EA 0
Program Code 0.00

ITEM	Length (LF)	Width (Ft)	Depth (Ft)	Area (SF)	Volume (CY)	Mass (TON)	Each (EA)	Unit Price	Unit Cost	SAY
<u>CHESS DRIVE</u>										
<u>Roadway Pavement</u>										
Asphalt Concrete			0.6	8,900		401				405
Aggregate Base (CI 3)			0.9	8,900	297					300
Aggregate Subbase (CI 4)			1.0	8,900	330					330
<u>Roadway Excavation</u>										
Roadway Pavement			2.5	8,900	824					
Landscape Areas	720	15.00	2.0		800					
			Subtotal Roadway Excavation		1,624					
<u>Pavement Delineation</u>										
Traffic Stripe	2,135							\$ 3.00	\$ 6,400	
Type 3 Arrow (R&L Turn)				378		9		\$ 8.00	\$ 3,000	
Type 1 Arrow				150		6		\$ 8.00	\$ 1,200	
Limit Line	100							\$ 8.00	\$ 800	
			Subtotal Pavement Delineation						\$ 11,400	\$ 12,000
<u>Minor Concrete</u>										
Curb and Gutter	720				42			\$ 700.00	\$ 29,736	\$
Sidewalk	720	5.5	0.5		73	0		\$ 20.00	\$	\$
Driveway	60	5.5	0.5		6	0		\$	\$	\$
Handicap Ramp	17	6	0.7		3	0		\$	\$	\$
Median Paving (Textured Paving)			0.7	0	0			\$ 700.00	\$ 0	\$
<u>Remove Trees</u>										
				0		12		\$ 1,500.00	\$ 18,000	\$ 18,000
<u>Relocate Electrolier</u>										
				0		0		\$ 3,000.00	\$ 0	\$
<u>Relocate Inlet (New)</u>										
						1		\$ 5,000.00	\$ 5,000	\$ 5,000
<u>Traffic Signal</u>										
Replace Mast Arm/Signage						1		\$ 0.00	\$ 0	\$ 0
<u>Replace Landscaping and Irrigation</u>										
						1		\$	\$ 0	\$ 15,000
<u>Remove Curb and Gutter</u>										
	720					1		\$ 18.00	\$ 12,960	\$

**FOSTER CITY BLVD. IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route	<u>04-SM-92</u>
PM	<u>13.61</u>
EA	<u> </u>
Program Code	<u> </u>

PROJECT DESCRIPTION:

Limits Chess Drive and Triton Drive

Proposed Improvement (Scope) Foster City Blvd.

Lengthen the left turn lane of the northbound direction of Foster City Blvd (at Chess Dr.). Proposed construction includes:

- Remove and replace curb and gutter.
- Remove existing and install new pavement marking and striping
- Remove and replace median (concrete paver)

TOTAL ROADWAY ITEMS	\$ <u>132,760</u>
TOTAL STRUCTURE ITEMS	\$ <u>0</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>132,760</u>
SUPPORT COSTS:	
PRELIMINARY ENGINEERING & ENVIRONMENTAL DOCUMENT PHASE	\$ <u>13,276</u>
FINAL DESIGN PHASE	\$ <u>15,931</u>
CONSTRUCTION ADMINISTRATION	\$ <u>23,897</u>
RIGHT OF WAY	\$ <u>0</u>
TOTAL RIGHT-OF-WAY ITEMS	\$ <u>0</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>190,000</u>

Reviewed by Program Manager _____ Date _____
 (Signature)

Approved by Project Manager _____ Date _____
 (Signature)

Phone No. _____

**FOSTER CITY BLVD. IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route	04-SM-92
PM	13.61
EA	0
Program Code	0.00

Section 6 - Minor Items

$\$ \underline{92,760} \times 5\% = \$ \underline{0}$
 (Subtotal Sections 1 - 5)
TOTAL MINOR ITEMS \$ 0

Section 7 - Roadway Mobilization

$\$ \underline{92,760} \times 10\% = \underline{10,000}$
 (Subtotal Sections 1 - 6)
TOTAL ROADWAY MOBILIZATION \$ 10,000

Section 8 - Roadway Additions

Supplemental Work $\$ \underline{92,760} \times 10\% = \$ \underline{10,000}$
 (Subtotal Sections 1 - 6)

Cost Escalation $\$ \underline{92,760} \times 5\% = \$ \underline{0}$
 (Subtotal Sections 1 - 6)

Contingencies $\$ \underline{92,760} \times 25\% = \$ \underline{20,000}$
 (Subtotal Sections 1 - 6)

Total Roadway Additions \$ \$30,000

TOTAL ROADWAY ITEMS \$ \$132,760
 (Subtotal of Sections 1-8)

Estimate Prepared by _____ Phone _____ Date _____
 (Print Name)

Estimate Checked by _____ Phone _____ Date _____
 (Print Name)

**FOSTER CITY BLVD. IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route 04-SM-92
PM 13.61
EA 0
Program Code 0.00

II. STRUCTURE ITEMS (continued)

	Structure No. 1	Structure No. 2	Structure No. 3	Structure No. 3
Bridge Name				
Structure Type				
Width (out to out) - ft				
Span Lengths - ft				
Total Area - (square ft)				
Cost per square ft. (incl. 10% mobilization and 25% contingency)				
Total Cost for Structure				

SUBTOTAL STRUCTURES ITEMS \$ 0
 (Sum of Total Cost for Structures)

Railroad Related Costs:		\$
		\$
		\$

SUBTOTAL RAILROAD ITEMS \$ 0

TOTAL STRUCTURES ITEM. \$ 0
 (Sum of Structures Items plus Railroad Items)

COMMENTS:

Estimate Prepared by _____ Phone # _____ Date _____
 (Print Name)

FOSTER CITY BLVD. IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)

24-Apr-09

District-County-Route 04-SM-92

PM 13.61
 EA 0
 Program Code 0.00

ITEM	Length (LF)	Width (Ft)	Depth (Ft)	Area (SF)	Volume (CY)	Mass (TON)	Each (EA)	Unit Price	Unit Cost	SAY
<u>FOSTER CITY BLVD.</u>										
<u>Roadway Pavement</u>										
Asphalt Concrete			0.6			0				
Aggregate Base (CI 3)			0.9		0					
Aggregate Subbase (CI 4)			1.0		0					
<u>Roadway Excavation</u>										
Roadway Pavement			2.0		0					
Landscape Areas					0					
			<u>Subtotal Roadway Excavation</u>		0					
<u>Pavement Delineation</u>										
Traffic Stripe	1,340							\$ 3.00	\$ 4,000	
Type 3 Arrow (R&L Turn)				168		4		\$ 8.00	\$ 1,300	
Type 1 Arrow				0		0		\$ 8.00	\$ 0	
Limit Line	50							\$ 8.00	\$ 400	
			<u>Subtotal Pavement Delineation</u>						\$ 5,700	\$ 6,000
<u>Minor Concrete</u>										
Curb and Gutter	200				12			\$ 700.00	\$ 8,260	\$
Sidewalk	0	6	0.5		0	0		\$ 20.00	\$	\$
Driveway	0	5.5	0.5		0	0		\$	\$	\$
Handicap Ramp	0	6	0.7		0	0		\$	\$	\$
Median Paving (Textured Paving)			0.7	1,750	45			\$ 700.00	\$ 31,759	\$
<u>Remove Trees</u>										
				0		0		\$ 1,500.00	\$ 0	\$ 0
<u>Relocate Electrolier</u>										
				0		0		\$ 3,000.00	\$ 0	\$
<u>Relocate Inlet (New)</u>										
						0		\$ 5,000.00	\$ 0	\$ 0
<u>Traffic Signal</u>										
Replace Mast Arm/Signage						0		\$ 0.00	\$ 0	\$ 0
<u>Replace Landscaping and Irrigation</u>										
						0		\$	\$ 0	\$ 0
<u>Remove Curb and Gutter</u>										
	200					1		\$ 18.00	\$ 3,600	\$

**FOSTER CITY BLVD. IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route	04-SM-92
PM	13.61
EA	
Program Code	

PROJECT DESCRIPTION:

Limits Chess Drive and Triton Drive

Proposed Improvement (Scope) Foster City Blvd.

Add one right lane on the northbound direction of Foster City Blvd (at Chess Dr.). Proposed construction includes:

- Remove and replace curb, gutter, and sidewalk.
- Remove existing and install new pavement marking and striping
- Remove and replace median (concrete paver)

TOTAL ROADWAY ITEMS		\$ <u>418,601</u>
TOTAL STRUCTURE ITEMS		\$ <u>0</u>
SUBTOTAL CONSTRUCTION COSTS		\$ <u>418,601</u>
SUPPORT COSTS:		
PRELIMINARY ENGINEERING & ENVIRONMENTAL DOCUMENT PHASE		\$ <u>41,860</u>
FINAL DESIGN PHASE		\$ <u>50,232</u>
CONSTRUCTION ADMINISTRATION		\$ <u>75,348</u>
RIGHT OF WAY		\$ <u>0</u>
TOTAL RIGHT-OF-WAY ITEMS		\$ <u>0</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS		\$ <u>590,000</u>

Reviewed by Program Manager _____ **Date** _____
 (Signature)

Approved by Project Manager _____ **Date** _____
 (Signature)

Phone No. _____

**FOSTER CITY BLVD. IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route	04-SM-92
PM	13.61
EA	0
Program Code	0.00

Section 4 - Misc. Roadway and Specialty Items	Quantity	Unit	Unit Price	Unit Cost	Section Cost
Curb and Gutter	36	CY	700	25,400	
Driveway	0	CY	2,000	0	
Handicap Ramp	0	CY	2,000	0	
Remove Trees	1	LS	0	0	
Relocate Electrolier	0	EA	3,000	0	
Sidewalk	33	CY	2,000 \$	66,667	
Remove Curb and Gutter	615	LF	25 \$	15,375	
Remove Miscellaneous Concrete	3,820	SF	8 \$	30,560	
Replace Landscaping and Irrigation	1	LS	0	0	
Storm Water Prevention Plan	1	LS	2,000 \$	2,000	
Design Pollution Prevention BMPs (Erosion Control)	1	LS	10,000 \$	10,000	
Permanent Treatment BMPs	1	LS	15,000 \$	15,000	
Temporary Construction Site BMPs	1	LS	20,000 \$	20,000	
			Subtotal Specialty Items		185,001
					\$

Section 5 - Traffic Items

Lighting	0	LS	40,000 \$	0	
Traffic Delineation Items	1	LS	12,000 \$	12,000	
Traffic Signals	0	EA	60,000 \$	0	
Overhead Signs	0	EA	30,000 \$	0	
Roadside Signs	0	EA	2,000 \$	0	
Traffic Control Systems	1	LS	25,000 \$	25,000	
Temporary Pavement Delineation	1	LS	1,000 \$	1,000	
Construction Area Signs	1	LS	2,000 \$	2,000	
Transportation Management Plan (TMP) (TMP Incl. Public Info, COZEPP, TMT and CMS)	1	LS	25,000 \$	25,000	
			Subtotal Traffic Items		65,000
					\$

SUBTOTAL SECTIONS 1-5

268,601

**FOSTER CITY BLVD. IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route	04-SM-92
PM	13.61
EA	0
Program Code	0.00

Section 6 - Minor Items

$\$ \underline{268,601} \times 5\% = \$ \underline{10,000}$
 (Subtotal Sections 1 - 5)
TOTAL MINOR ITEMS \$ 10,000

Section 7 - Roadway Mobilization

$\$ \underline{278,601} \times 10\% = \underline{30,000}$
 (Subtotal Sections 1 - 6)
TOTAL ROADWAY MOBILIZATION \$ 30,000

Section 8 - Roadway Additions

Supplemental Work	$\$ \underline{278,601}$	x	10%	$\$ \underline{30,000}$	
	(Subtotal Sections 1 - 6)				
Cost Escalation	$\$ \underline{278,601}$	x	5%	$\$ \underline{10,000}$	
	(Subtotal Sections 1 - 6)				
Contingencies	$\$ \underline{278,601}$	x	25%	$\$ \underline{70,000}$	
	(Subtotal Sections 1 - 6)				
				Total Roadway Additions \$	<u>\$110,000</u>
				TOTAL ROADWAY ITEMS \$	<u>\$418,601</u>
				(Subtotal of Sections 1-8)	

Estimate Prepared by _____ Phone _____ Date _____
 (Print Name)

Estimate Checked by _____ Phone _____ Date _____
 (Print Name)

**FOSTER CITY BLVD. IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route 04-SM-92
PM 13.61
EA 0
Program Code 0.00

II. STRUCTURE ITEMS (continued)

	Structure No. 1	Structure No. 2	Structure No. 3	Structure No. 3
Bridge Name				
Structure Type				
Width (out to out) - ft				
Span Lengths - ft				
Total Area - (square ft)				
Cost per square ft. (incl. 10% mobilization and 25% contingency)				
Total Cost for Structure				

SUBTOTAL STRUCTURES ITEMS \$ 0
 (Sum of Total Cost for Structures)

Railroad Related Costs:		\$
		\$
		\$

SUBTOTAL RAILROAD ITEMS \$ 0

TOTAL STRUCTURES ITEM. \$ 0
 (Sum of Structures Items plus Railroad Items)

COMMENTS:

Estimate Prepared by _____ Phone # _____ Date _____
 (Print Name)

FOSTER CITY BLVD. IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)

24-Apr-09

District-County-Route 04-SM-92

PM 13.61
 EA 0
 Program Code 0.00

ITEM	Length (LF)	Width (Ft)	Depth (Ft)	Area (SF)	Volume (CY)	Mass (TON)	Each (EA)	Unit Price	Unit Cost	SAY
<u>FOSTER CITY BLVD.</u>										
<u>Roadway Pavement</u>										
Asphalt Concrete			0.6	400			18			
Aggregate Base (CI 3)			0.9	400	13					
Aggregate Subbase (CI 4)			1.0	400	15					
<u>Roadway Excavation</u>										
Roadway Pavement			2.0	400	30					
Landscape Areas					0					
					30					
<u>Pavement Delineation</u>										
Traffic Stripe	2,230							\$ 3.00	\$ 6,700	
Type 3 Arrow (R&L Turn)				420			10	\$ 8.00	\$ 3,400	
Type 1 Arrow				50			2	\$ 8.00	\$ 400	
Limit Line	50							\$ 8.00	\$ 400	
										\$ 12,000
<u>Minor Concrete</u>										
Curb and Gutter	615				36			\$ 700.00	\$ 25,400	\$
Sidewalk	300	6	0.5		33	0		\$ 20.00	\$	\$
Driveway	0	5.5	0.5		0	0		\$	\$	\$
Handicap Ramp	0	6	0.7		0	0		\$	\$	\$
Median Paving (Textured Paving)			0.7	0	0			\$ 700.00	\$ 0	\$
<u>Remove Trees</u>										
				0			12	\$ 1,500.00	\$ 18,000	\$ 0
<u>Relocate Electrolier</u>										
				0			0	\$ 3,000.00	\$ 0	\$
<u>Relocate Inlet (New)</u>										
							0	\$ 5,000.00	\$ 0	\$ 0
<u>Traffic Signal</u>										
Replace Mast Arm/Signage							0	\$ 0.00	\$ 0	\$ 0
<u>Replace Landscaping and Irrigation</u>										
							0	\$	\$ 0	\$ 0
<u>Remove Curb and Gutter</u>										
	615						1	\$ 18.00	\$ 11,070	\$

**ROUTE 92 FOSTER CITY BOULVEARD RAMP IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY - CHESS DRIVE OFF-RAMP**

24-Apr-09

District-County-Route	04-SM-92
PM	13.61
EA	0
Program Code	0.00

Section 6 - Minor Items

$\$ \underline{536,100} \times 5\% = \$ \underline{30,000}$
 (Subtotal Sections 1 - 5)
TOTAL MINOR ITEMS \$ 30,000

Section 7 - Roadway Mobilization

$\$ \underline{566,100} \times 10\% = \underline{60,000}$
 (Subtotal Sections 1 - 6)
TOTAL ROADWAY MOBILIZATION \$ 60,000

Section 8 - Roadway Additions

Supplemental Work	$\$ \underline{566,100} \times 10\% = \$ \underline{60,000}$ (Subtotal Sections 1 - 6)	
Cost Escalation	$\$ \underline{566,100} \times 5\% = \$ \underline{30,000}$ (Subtotal Sections 1 - 6)	
Contingencies	$\$ \underline{566,100} \times 25\% = \$ \underline{140,000}$ (Subtotal Sections 1 - 6)	
	Total Roadway Additions \$ <u>\$230,000</u>	
	TOTAL ROADWAY ITEMS \$ <u>\$856,100</u>	
	(Subtotal of Sections 1-8)	

Estimate Prepared by _____ Phone _____ Date _____
 (Print Name)

Estimate Checked by _____ Phone _____ Date _____
 (Print Name)

**ROUTE 92 FOSTER CITY BOULEVARD RAMP IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY - CHESS DRIVE OFF-RAMP**

24-Apr-09

District-County-Route	<u>04-SM-92</u>
PM	<u>13.61</u>
EA	<u>0</u>
Program Code	<u>0.00</u>

II. STRUCTURE ITEMS (continued)

	Structure No. 1	Structure No. 2	Structure No. 3	Structure No. 3
Bridge Name				
Structure Type				
Width (out to out) - ft				
Span Lengths - ft				
Total Area - (square ft)				
Cost per square ft. (incl. 10% mobilization and 25% contingency)				
Total Cost for Structure				

SUBTOTAL STRUCTURES ITEMS (Sum of Total Cost for Structures)	\$ <u>0</u>
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Railroad Related Costs:		\$
		\$
		\$

SUBTOTAL RAILROAD ITEMS	\$ <u>0</u>
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TOTAL STRUCTURES ITEM. (Sum of Structures Items plus Railroad Items)	\$ <u>0</u>
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COMMENTS:

Estimate Prepared by _____ Phone # _____ Date _____
 (Print Name)

**ROUTE 92 FOSTER CITY BOULEVARD RAMP IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY - CHESS DRIVE ON-RAMP**

24-Apr-09

District-County-Route	04-SM-92
PM	13.61
EA	0
Program Code	0.00

Section 4 - Misc. Roadway and Specialty Items	Quantity	Unit	Unit Price	Unit Cost	Section Cost
Replacement Planting	1	LS	\$ 15,000	15,000	
Irrigation Modification	1	LS	5,000	5,000	
Water Pollution Control	1	LS	\$ 1,000	\$ 1,000	
Modular Space (Resident Engineer)	1	LS	\$ 9,000	\$ 9,000	
Storm Water Prevention Plan	1	LS	\$ 2,000	\$ 2,000	
Design Pollution Prevention BMPs (Erosion Control)	1	LS	\$ 25,000	\$ 25,000	
Permanent Treatment BMPs	1	LS	\$ 37,500	\$ 38,000	
Temporary Construction Site BMPs	1	LS	\$ 50,000	\$ 50,000	
Subtotal Specialty Items					145,000
					\$

Section 5 - Traffic Items

Lighting	0	LS	\$ 40,000	\$ 0	
Traffic Delineation Items	1	LS	\$ 10,000	\$ 10,000	
Traffic Signals	0	EA	\$ 60,000	\$ 0	
Overhead Signs	0	EA	\$ 30,000	\$ 0	
Roadside Signs	1	EA	\$ 2,000	\$ 2,000	
Traffic Control Systems	1	LS	\$ 50,000	\$ 50,000	
Temporary Pavement Delineation	1	LS	\$ 1,000	\$ 1,000	
Construction Area Signs	1	LS	\$ 5,000	\$ 5,000	
Transportation Management Plan (TMP) (TMP Incl. Public Info, COZEPP, TMT and CMS)	1	LS	\$ 50,000	\$ 50,000	
Subtotal Traffic Items					118,000
					\$

SUBTOTAL SECTIONS 1-5

557,500

**ROUTE 92 FOSTER CITY BOULVEARD RAMP IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY - CHESS DRIVE ON-RAMP**

24-Apr-09

District-County-Route	04-SM-92
PM	13.61
EA	0
Program Code	0.00

Section 6 - Minor Items

$\$ \underline{557,500} \times 5\% = \$ \underline{30,000}$
 (Subtotal Sections 1 - 5)
TOTAL MINOR ITEMS \$ 30,000

Section 7 - Roadway Mobilization

$\$ \underline{587,500} \times 10\% = \underline{60,000}$
 (Subtotal Sections 1 - 6)
TOTAL ROADWAY MOBILIZATION \$ 60,000

Section 8 - Roadway Additions

Supplemental Work	$\$ \underline{587,500} \times 10\% = \$ \underline{60,000}$ (Subtotal Sections 1 - 6)	
Cost Escalation	$\$ \underline{587,500} \times 5\% = \$ \underline{30,000}$ (Subtotal Sections 1 - 6)	
Contingencies	$\$ \underline{587,500} \times 25\% = \$ \underline{150,000}$ (Subtotal Sections 1 - 6)	
	Total Roadway Additions \$ <u>\$240,000</u>	
	TOTAL ROADWAY ITEMS \$ <u>\$887,500</u>	
	(Subtotal of Sections 1-8)	

Estimate Prepared by _____ Phone _____ Date _____
 (Print Name)

Estimate Checked by _____ Phone _____ Date _____
 (Print Name)

**ROUTE 92 FOSTER CITY BOULEVARD RAMP IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY - CHESS DRIVE ON-RAMP**

24-Apr-09

District-County-Route	<u>04-SM-92</u>
PM	<u>13.61</u>
EA	<u>0</u>
Program Code	<u>0.00</u>

III. RIGHT OF WAY

	Escalated Values
A. Acquisition, including excess lands, damages to remainder(s), and Goodwill.	\$ _____
B. Utility Relocation	\$ _____
C. Relocation assistance	\$ _____ -
D. Clearance/Demolition	\$ _____ -
E. Title and Escrow Fees	\$ _____ -

TOTAL RIGHT OF WAY ITEMS \$ 0
 (Escalated Value)

Anticipated Date of Right of Way Certification November 2012
 (Date to which Values are Escalated)

F. Construction Contract Work

Brief Description of Work:	_____
_____	_____
_____	_____
_____	_____
Cost Estimate for Work	\$ <u> 0</u>

COMMENTS:

Estimate Prepared by _____ Phone # _____ Date _____
 (Print Name)

**ROUTE 92 FOSTER CITY BOULEVARD RAMP IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY - CHESS DRIVE ON-RAMP**

24-Apr-09

District-County-Route	<u>04-SM-92</u>
PM	<u>13.61</u>
EA	<u>0</u>
Program Code	<u>0.00</u>

II. STRUCTURE ITEMS (continued)

	Structure No. 1	Structure No. 2	Structure No. 3	Structure No. 3
Bridge Name				
Structure Type				
Width (out to out) - ft				
Span Lengths - ft				
Total Area - (square ft)				
Cost per square ft. (incl. 10% mobilization and 25% contingency)				
Total Cost for Structure				

SUBTOTAL STRUCTURES ITEMS (Sum of Total Cost for Structures)	\$ <u>0</u>
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Railroad Related Costs:		\$
		\$
		\$

SUBTOTAL RAILROAD ITEMS	\$ <u>0</u>
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TOTAL STRUCTURES ITEM. (Sum of Structures Items plus Railroad Items)	\$ <u>0</u>
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COMMENTS:

Estimate Prepared by _____ Phone # _____ Date _____
 (Print Name)

**ROUTE 92 FOSTER CITY BOULVEARD RAMP IMPROVEMENTS
 PLANNING COST ESTIMATE SUMMARY - CHESS DRIVE ON-RAMP**

24-Apr-09

District-County-Route 04-SM-92

PM 13.61
 EA 0
 Program Code 0.00

ITEM	Length (LF)	Width (Ft)	Depth (Ft)	Area (SF)	Volume (CY)	Mass (TON)	Each (EA)	Unit Price	Unit Cost	SAY
<u>Roadway Pavement</u>										
Asphalt Concrete			0.6	14,200		639				640
Aggregate Base (Cl 3)			0.9	14,200	473					500
Aggregate Subbase (Cl 4)			1.0	14,200	526					550
<u>Roadway Excavation</u>										
Roadway Pavement			2.5	14,200	1,315					
"V" Gutter	350	6.00	2.0	2,100	156					
	<u>Subtotal Roadway Excavation</u>				1,470					1,500
<u>Pavement Delineation</u>										
Traffic Stripe	2,290.00							\$ 3.00	\$ 6,900	
Pavement Marker (Detail 13)	1,432.00						179.00	\$ 8.00	\$ 1,400	
	<u>Subtotal Pavement Delineation</u>							\$	\$ 8,300	10,000
<u>Relocate Sign (4X4 Post)</u>										
							1.00	\$	\$	2,000
<u>Clear and Grub</u>										
	900.00	35		31,500				\$ 0.50	\$ 15,750	10,000

**METRO CENTER AND TRITON DRIVE IMPROVEMENTS (METRO CENTER ONLY)
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route	04-SM-92
PM	13.61
EA	0
Program Code	0.00

Section 6 - Minor Items

$\$ \underline{348,861} \times 5\% = \$ \underline{20,000}$
 (Subtotal Sections 1 - 5)
TOTAL MINOR ITEMS \$ 20,000

Section 7 - Roadway Mobilization

$\$ \underline{368,861} \times 10\% = \underline{40,000}$
 (Subtotal Sections 1 - 6)
TOTAL ROADWAY MOBILIZATION \$ 40,000

Section 8 - Roadway Additions

Supplemental Work $\$ \underline{368,861} \times 10\% = \$ \underline{40,000}$
 (Subtotal Sections 1 - 6)

Cost Escalation $\$ \underline{368,861} \times 5\% = \$ \underline{20,000}$
(Subtotal Sections 1 - 6)

Contingencies $\$ \underline{368,861} \times 25\% = \$ \underline{90,000}$
 (Subtotal Sections 1 - 6)

Total Roadway Additions \$ \$150,000

TOTAL ROADWAY ITEMS \$ \$558,861
 (Subtotal of Sections 1-8)

Estimate Prepared by _____ Phone _____ Date _____
 (Print Name)

Estimate Checked by _____ Phone _____ Date _____
 (Print Name)

METRO CENTER AND TRITON DRIVE IMPROVEMENTS (METRO CENTER ONLY)
PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)

24-Apr-09

District-County-Route 04-SM-92
 PM 13.61
 EA 0
 Program Code 0.00

II. STRUCTURE ITEMS (continued)

	Structure No. 1	Structure No. 2	Structure No. 3	Structure No. 3
Bridge Name				
Structure Type				
Width (out to out) - ft				
Span Lengths - ft				
Total Area - (square ft)				
Cost per square ft. (incl. 10% mobilization and 25% contingency)				
Total Cost for Structure				

SUBTOTAL STRUCTURES ITEMS \$ 0
 (Sum of Total Cost for Structures)

Railroad Related Costs:		\$	
		\$	
		\$	

SUBTOTAL RAILROAD ITEMS \$ 0

TOTAL STRUCTURES ITEM. \$ 0
 (Sum of Structures Items plus Railroad Items)

COMMENTS:

Estimate Prepared by _____ Phone # _____ Date _____
 (Print Name)

METRO CENTER AND TRITON DRIVE IMPROVEMENTS (METRO CENTER ONLY)
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)

24-Apr-09

District-County-Route 04-SM-92

PM 13.61
 EA 0
 Program Code 0.00

ITEM	Length (LF)	Width (Ft)	Depth (Ft)	Area (SF)	Volume (CY)	Mass (TON)	Each (EA)	Unit Price	Unit Cost	SAY
<u>METRO CENTER</u>										
<u>Roadway Pavement</u>										
Asphalt Concrete			0.6	2,500		113				640
Aggregate Base (CI 3)			0.9	2,500	83					500
Aggregate Subbase (CI 4)			1.0	2,500	93					550
<u>Roadway Excavation</u>										
Roadway Pavement			2.5	2,500	231					
Proposed Median			2.0	2,300	170					
			Subtotal Roadway Excavation		402					
<u>Pavement Delineation</u>										
Traffic Stripe	1,855							\$ 3.00	\$ 5,600	
Type 3 Arrow (R&L Turn)				420		10		\$ 8.00	\$ 3,400	
Type 1 Arrow				200		8		\$ 8.00	\$ 1,600	
Limit Line	150							\$ 8.00	\$ 1,200	
			Subtotal Pavement Delineation						\$ 11,800	\$ 15,000
<u>Minor Concrete</u>										
Curb and Gutter	520				31			\$ 700.00	\$ 21,476	\$
Sidewalk					0	0		\$ 20.00	\$	\$
Driveway					0	0		\$	\$	\$
Handicap Ramp	17	6	0.7		3	0		\$	\$	\$
Median Paving (Textured Paving)			0.7	2,000	52			\$ 700.00	\$ 36,296	\$
<u>Remove Trees</u>										
				0		3		\$ 1,500.00	\$ 4,500	\$ 5,000
<u>Relocate Electrolier</u>										
				0		2		\$ 3,000.00	\$ 6,000	\$
<u>Relocate Inlet (New)</u>										
						1		\$ 5,000.00	\$ 5,000	\$ 5,000
<u>Traffic Signal</u>										
Replace Mast Arm/Signage						1		\$ 0.00	\$ 0	\$ 0
<u>Replace Landscaping and Irrigation</u>										
						1		\$	\$ 0	\$ 10,000
<u>Remove Curb and Gutter</u>										
	530					1		\$ 18.00	\$ 9,540	\$

**METRO CENTER AND TRITON DRIVE IMPROVEMENTS (TRITON DRIVE ONLY)
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route	<u>04-SM-92</u>
PM	<u>13.61</u>
EA	<u> </u>
Program Code	<u> </u>

PROJECT DESCRIPTION:

Limits Foster City Boulevard to Pilgrim Drive

Proposed Improvement (Scope) Metro Center and Triton Drive (Triton Drive Only)

Add one through-lane on the westbound direction on Metro Center and Triton. This estimate includes the portion of Triton Drive east of Foster City Boulevard only. Proposed construction includes:

- Install new pavement section
- Remove existing and install new pavement marking and striping
- Remove and replace median (concrete paver and landscaping)

TOTAL ROADWAY ITEMS	\$ <u>867,511</u>
TOTAL STRUCTURE ITEMS	\$ <u>0</u>
SUBTOTAL CONSTRUCTION COSTS	\$ <u>867,511</u>
SUPPORT COSTS:	
PRELIMINARY ENGINEERING & ENVIRONMENTAL DOCUMENT PHASE	\$ <u>86,751</u>
FINAL DESIGN PHASE	\$ <u>104,101</u>
CONSTRUCTION ADMINISTRATION	\$ <u>156,152</u>
RIGHT OF WAY	\$ <u> </u>
TOTAL RIGHT-OF-WAY ITEMS	\$ <u>240,000</u>
TOTAL PROJECT CAPITAL OUTLAY COSTS	\$ <u>1,450,000</u>

Reviewed by Program Manager _____ Date _____
 (Signature)

Approved by Project Manager _____ Date _____
 (Signature)

Phone No. _____

**METRO CENTER AND TRITON DRIVE IMPROVEMENTS (TRITON DRIVE ONLY)
 PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)**

24-Apr-09

District-County-Route	04-SM-92
PM	13.61
EA	0
Program Code	0.00

Section 6 - Minor Items

\$ 547,511 x 5% \$ 30,000
 (Subtotal Sections 1 - 5)

TOTAL MINOR ITEMS \$ 30,000

Section 7 - Roadway Mobilization

\$ 577,511 x 10% 60,000
 (Subtotal Sections 1 - 6)

TOTAL ROADWAY MOBILIZATION \$ 60,000

Section 8 - Roadway Additions

Supplemental Work \$ 577,511 x 10% \$ 60,000
 (Subtotal Sections 1 - 6)

Cost Escalation \$ 577,511 x 5% \$ 30,000
(Subtotal Sections 1 - 6)

Contingencies \$ 577,511 x 25% \$ 140,000
 (Subtotal Sections 1 - 6)

Total Roadway Additions \$ \$230,000

TOTAL ROADWAY ITEMS \$ \$867,511
 (Subtotal of Sections 1-8)

Estimate Prepared by _____ Phone _____ Date _____
 (Print Name)

Estimate Checked by _____ Phone _____ Date _____
 (Print Name)

METRO CENTER AND TRITON DRIVE IMPROVEMENTS (TRITON DRIVE ONLY)
PLANNING COST ESTIMATE SUMMARY (Order of Magnitude)

24-Apr-09

District-County-Route 04-SM-92
 PM 13.61
 EA 0
 Program Code 0.00

II. STRUCTURE ITEMS (continued)

	Structure No. 1	Structure No. 2	Structure No. 3	Structure No. 3
Bridge Name				
Structure Type				
Width (out to out) - ft				
Span Lengths - ft				
Total Area - (square ft)				
Cost per square ft. (incl. 10% mobilization and 25% contingency)				
Total Cost for Structure				

SUBTOTAL STRUCTURES ITEMS \$ 0
 (Sum of Total Cost for Structures)

Railroad Related Costs:		\$	
		\$	
		\$	

SUBTOTAL RAILROAD ITEMS \$ 0

TOTAL STRUCTURES ITEM. \$ 0
 (Sum of Structures Items plus Railroad Items)

COMMENTS:

Estimate Prepared by _____ Phone # _____ Date _____
 (Print Name)

Electrical Estimate

Dist-EA:	Foster City Boulevard
CO-RT-KP(PM):	Marlin Avenue
Work Description:	Signal and Lighting
Estimated By:	F&P

Work to be performed during:	Day & Night
Work location is:	Urban
Job size is:	Medium (MinorA)
Today's Date:	April 21, 2009

Item #	Description	Quantity	Unit	Unit Man Hour	Total Man Hour	Unit Mat Cost	Total Mat Cost
Total Estimate Breakdown:							
	RAW MAN HOUR			707			
	TOTAL ADJUSTMENTS			80			
	AVERAGE LABOR RATE			\$50			
	1 TOTAL LABOR COST			\$39,336			
	0.75						
	1 MATERIAL COST			\$92,986			
	MATERIAL MARKUP			\$697			
	SALES TAX (7.75%)			\$7,260			
	TOTAL MATERIAL COST			\$100,944			
	JOB SHACK & STORAGE			\$1,403			
	TOOLS & EQUIPMENT			\$9,834			
	INSURANCE & BONDS			\$17,962			
	OVERHEAD & PROFIT			\$33,896			
Total Lump-Sum and Contract Bid Items				\$203,373			
Total Supplemental and State-Furnished				\$5,453			
TOTAL PROJECT COST ESTIMATE				\$208,826			
Lump-Sum and Contract Bid Items:							
000003	12" trench & backfill in dirt (by machine)	180	lf	0.084	15.120	\$0.00	\$0.00
000004	12" trench & backfill in street (by machine)	220	lf	0.141	31.020	\$0.00	\$0.00
000018	2"C pvc conduit in trench	125	lf	0.056	7.000	\$2.29	\$286.25
000026	3"C pvc conduit in trench	325	lf	0.082	26.650	\$3.30	\$1,072.50
000043	#14 solid copper conductor	7800	lf	0.005	39.000	\$0.08	\$624.00
000045	#10 solid copper conductor	1900	lf	0.012	22.800	\$0.15	\$285.00
000047	#6 stranded copper conductor	50	lf	0.028	1.400	\$0.35	\$17.50
000065	#5 pull box w/ standard cover	9	ea	4.280	38.520	\$184.00	\$1,656.00
000068	#6 pull box w/ standard cover	2	ea	5.130	10.260	\$347.00	\$694.00
000078	install controller cabinet (sf)	1	ea	10.300	10.300	\$231.00	\$231.00
000079	foundation for controller cabinet (incl. ground rod)	1	ea	22.200	22.200	\$1,210.00	\$1,210.00
000081	install model 170 controller unit (sf) in controller cabinet	1	ea	0.855	0.855	\$158.00	\$158.00
000082	install battery backup system (sf) for controller cabinet	1	ea	2.570	2.570	\$273.00	\$273.00
000105	type III-a service cabinet (incl. Items 1 thru 8)	1	ea	5.130	5.130	\$1,840.00	\$1,840.00
000106	foundation for type III-a service cabinet (incl. ground rod)	1	ea	10.300	10.300	\$1,370.00	\$1,370.00
000201	type 1 standard (complete w/ flange & bolts)	4	ea	3.420	13.680	\$303.00	\$1,212.00
000202	foundation for type 1 standard	4	ea	5.130	20.520	\$73.70	\$294.80
000219	type 19-3-100 standard w/ 30' sa & 12' la	2	ea	12.000	24.000	\$3,660.00	\$7,320.00
000222	foundation for type 16/17/18/19/19a/23-3-100 standard	2	ea	23.900	47.800	\$4,200.00	\$8,400.00
000236	type 26-4-100 standard w/ 40' sa & 12' la	2	ea	15.400	30.800	\$4,580.00	\$9,160.00
000239	foundation for type 24a/26/26a/27-4-100 standard	2	ea	23.900	47.800	\$5,460.00	\$10,920.00
000250	type mas/mat signal mount	6	ea	2.250	13.500	\$66.00	\$396.00
000254	type sv-1/sv-1-t signal mount	4	ea	2.570	10.280	\$154.00	\$616.00
000258	type tv-1/tv-1-t signal mount	2	ea	3.420	6.840	\$160.00	\$320.00
000259	type tv-2/tv-2-t signal mount	2	ea	4.280	8.560	\$270.00	\$540.00
000264	3-12" signal backplate	16	ea	0.684	10.944	\$82.50	\$1,320.00
000271	3-12" signal head	16	ea	1.710	27.360	\$633.00	\$10,128.00
000283	8' internally illuminated street name sign (IISNS)	4	ea	13.700	54.800	\$698.00	\$2,792.00
000290	type sp-1/sp-1-t ped signal mount	8	ea	3.420	27.360	\$259.00	\$2,072.00
000294	ped signal head	8	ea	1.710	13.680	\$214.00	\$1,712.00
000295	ppb and sign	8	ea	3.420	27.360	\$188.00	\$1,504.00
000344	4-camera video detection system (complete system)	1	ls	49.400	49.400	\$17,900.00	\$17,900.00
	Remove Luminaire	2	ea	5.000	10.000	\$600.00	\$1,200.00
	Regulatory Sign on Signal Mast Arm	2	ea	2.000	4.000	\$900.00	\$1,800.00
	EVP Cable	550	lf	0.017	9.350	\$0.84	\$462.00
	EVP Detector	4	ea	1.500	6.000	\$800.00	\$3,200.00
Supplemental Work and State-Furnished Materials:							
000014	battery backup system	1	ea			\$963.00	\$963.00
000015	battery backup system cabinet	1	ea			\$544.00	\$544.00
000022	model 170 controller	1	ea			\$960.00	\$960.00
000035	model 332a cabinet for 170 controller	1	ea			\$2,986.00	\$2,986.00

Electrical Estimate

Dist-EA:	Chess Drive
CO-RT-KP(PM):	SF08-0382
Work Description:	Signal and Lighting
Estimated By:	0

Work to be performed during:	Day & Night
Work location is:	Urban
Job size is:	Medium (MinorA)
Today's Date:	May 15, 2009

Item #	Description	Quantity	Unit	Unit Man Hour	Total Man Hour	Unit Mat Cost	Total Mat Cost
Total Estimate Breakdown:							
	RAW MAN HOUR			634			
	TOTAL ADJUSTMENTS			71			
	AVERAGE LABOR RATE			\$50			
	1 TOTAL LABOR COST			\$35,270			
	0.75						
	1 MATERIAL COST			\$17,453			
	MATERIAL MARKUP			\$131			
	SALES TAX (7.75%)			\$1,363			
	TOTAL MATERIAL COST			\$18,947			
	JOB SHACK & STORAGE			\$542			
	TOOLS & EQUIPMENT			\$8,818			
	INSURANCE & BONDS			\$8,949			
	OVERHEAD & PROFIT			\$14,505			
	Total Lump-Sum and Contract Bid Items			\$87,030			
	Total Supplemental and State-Furnished			\$0			
	TOTAL PROJECT COST ESTIMATE			\$87,030			
Lump-Sum and Contract Bid Items:							
000003	12" trench & backfill in dirt (by machine)	300	lf	0.084	25.200	\$0.00	\$0.00
000004	12" trench & backfill in street (by machine)	200	lf	0.141	28.200	\$0.00	\$0.00
000008	3"C jack / bore (complete per 100' or per location)	1	ea	75.200	75.200	\$1,850.00	\$1,850.00
000026	3"C pvc conduit in trench	1150	lf	0.082	94.300	\$3.30	\$3,795.00
000040	install conduit in exist pull box (cb)	2	ea	3.420	6.840	\$0.00	\$0.00
000043	#14 solid copper conductor	25100	lf	0.005	125.500	\$0.08	\$2,008.00
000045	#10 solid copper conductor	4200	lf	0.012	50.400	\$0.15	\$630.00
000046	#8 stranded copper conductor	1500	lf	0.017	25.500	\$0.28	\$420.00
000058	splice conductors (sc)	11	ea	0.855	9.405	\$22.00	\$242.00
000061	remove conductors	1500	lf	0.010	15.000	\$0.00	\$0.00
000068	#6 pull box w/ standard cover	6	ea	5.130	30.780	\$347.00	\$2,082.00
000077	remove pull box	3	ea	0.599	1.797	\$0.00	\$0.00
000080	remove controller cabinet and foundation	1	ea	10.300	10.300	\$305.00	\$305.00
000092	detector lead-in cable (dlc)	2150	lf	0.017	36.550	\$0.84	\$1,806.00
000104	remove concrete foundation pad	100	ft3	0.411	41.100	\$0.00	\$0.00
000107	remove type III-a service and foundation	1	ea	10.300	10.300	\$1,890.00	\$1,890.00
000312	camera coaxial cable rg-6/u (tvc)	1300	lf	0.021	27.300	\$1.09	\$1,417.00
	EVP Cable	1200	lf	0.017	20.400	\$0.84	\$1,008.00

Electrical Estimate

Dist-EA:	Metro Center
CO-RT-KP(PM):	SF08-0382
Work Description:	Signal and Lighting
Estimated By:	0

Work to be performed during:	Day & Night
Work location is:	Urban
Job size is:	Medium (MinorA)
Today's Date:	May 15, 2009

Item #	Description	Quantity	Unit	Unit Man Hour	Total Man Hour	Unit Mat Cost	Total Mat Cost
Total Estimate Breakdown:							
	RAW MAN HOUR			881			
	TOTAL ADJUSTMENTS			99			
	AVERAGE LABOR RATE			\$50			
	1 TOTAL LABOR COST			\$49,014			
	0.75						
	1 MATERIAL COST			\$26,953			
	MATERIAL MARKUP			\$202			
	SALES TAX (7.75%)			\$2,105			
	TOTAL MATERIAL COST			\$29,260			
	JOB SHACK & STORAGE			\$783			
	TOOLS & EQUIPMENT			\$12,254			
	INSURANCE & BONDS			\$12,729			
	OVERHEAD & PROFIT			\$20,808			
	Total Lump-Sum and Contract Bid Items			\$124,847			
	Total Supplemental and State-Furnished			\$0			
	TOTAL PROJECT COST ESTIMATE			\$124,847			
Lump-Sum and Contract Bid Items:							
000003	12" trench & backfill in dirt (by machine)	400	lf	0.084	33.600	\$0.00	\$0.00
000004	12" trench & backfill in street (by machine)	150	lf	0.141	21.150	\$0.00	\$0.00
000008	3"C jack / bore (complete per 100' or per location)	2	ea	75.200	150.400	\$1,850.00	\$3,700.00
000026	3"C pvc conduit in trench	1200	lf	0.082	98.400	\$3.30	\$3,960.00
000040	install conduit in exist pull box (cb)	3	ea	3.420	10.260	\$0.00	\$0.00
000043	#14 solid copper conductor	24800	lf	0.005	124.000	\$0.08	\$1,984.00
000045	#10 solid copper conductor	5650	lf	0.012	67.800	\$0.15	\$847.50
000046	#8 stranded copper conductor	1520	lf	0.017	25.840	\$0.28	\$425.60
000058	splice conductors (sc)	11	ea	0.855	9.405	\$22.00	\$242.00
000061	remove conductors	1500	lf	0.010	15.000	\$0.00	\$0.00
000068	#6 pull box w/ standard cover	5	ea	5.130	25.650	\$347.00	\$1,735.00
000077	remove pull box	1	ea	0.599	0.599	\$0.00	\$0.00
000080	remove controller cabinet and foundation	1	ea	10.300	10.300	\$305.00	\$305.00
000092	detector lead-in cable (dlc)	8150	lf	0.017	138.550	\$0.84	\$6,846.00
000104	remove concrete foundation pad	100	ft3	0.411	41.100	\$0.00	\$0.00
000107	remove type III-a service and foundation	1	ea	10.300	10.300	\$1,890.00	\$1,890.00
000312	camera coaxial cable rg-6/u (tvc)	2600	lf	0.021	54.600	\$1.09	\$2,834.00
	EVP Cable	2600	lf	0.017	44.200	\$0.84	\$2,184.00