



# consulting engineer services

Engineers, Planners, and Land Surveyors

January 10, 2013

Revised April 15, 2014

**SANITARY SEWER ESTIMATE  
MALAGA ROAD TRACT  
TOWNSHIP OF MONROE, GLOUCESTER COUNTY, NJ**

ITEM/DESCRIPTION	QUANTITY	UNIT COST	TOTAL COST
<b>A. Sanitary Sewer</b>			
1 8-inch DIP Sewer Main, 14-16' Deep	11 LF	\$ 64.00	\$ 704.00
2 8-inch PVC Sewer Main, 0-6' Deep	248 LF	\$ 27.00	\$ 6,696.00
3 8-inch PVC Sewer Main, 6-8' Deep	1,627 LF	\$ 29.00	\$ 47,183.00
4 8-inch PVC Sewer Main, 8-10' Deep	1,594 LF	\$ 32.00	\$ 51,008.00
5 8-inch PVC Sewer Main, 10-12' Deep	1,933 LF	\$ 36.00	\$ 69,588.00
6 8-inch PVC Sewer Main, 12-14' Deep	424 LF	\$ 41.00	\$ 17,384.00
7 8-inch PVC Sewer Main, 14-16' Deep	25 LF	\$ 47.00	\$ 1,175.00
8 Sanitary Manhole, 0-6' Deep	5 UN	\$ 2,000.00	\$ 10,000.00
9 Sanitary Manhole, 6-8' Deep	7 UN	\$ 2,300.00	\$ 16,100.00
10 Sanitary Manhole, 8-10' Deep	6 UN	\$ 2,600.00	\$ 15,600.00
11 Sanitary Manhole, 10-12' Deep	9 UN	\$ 3,000.00	\$ 27,000.00
12 Sanitary Manhole, 12-14' Deep	3 UN	\$ 3,400.00	\$ 10,200.00
13 Sanitary Manhole, 14-16' Deep	1 UN	\$ 3,800.00	\$ 3,800.00
14 Sanitary Drop Manhole, 12-14' Deep	1 UN	\$ 4,000.00	\$ 4,000.00
15 4-inch PVC Lateral	7,220 LF	\$ 23.00	\$ 166,060.00
16 4-inch Lateral Connection	98 UN	\$ 1,200.00	\$ 117,600.00
17 4-inch Deep Cut Lateral Connection	4 UN	\$ 1,750.00	\$ 7,000.00
<b>SUBTOTAL</b>			<b>\$ 571,098.00</b>
<b>B. On-Site Pump Station and Force Main</b>			
1 4" PVC Force Main	5,701 LF	\$ 23.00	\$ 131,123.00
2 4" DIP Force Main	72 LF	\$ 40.00	\$ 2,880.00
3 Air Release Valve Pit	1 UN	\$ 3,000.00	\$ 3,000.00
4 Blow Off Valve Pit	2 UN	\$ 2,500.00	\$ 5,000.00
5 Connection to Existing Manhole	1 UN	\$ 3,000.00	\$ 3,000.00
6 Wastewater Pump Station w/ Generator	1 UN	\$ 250,000.00	\$ 250,000.00
7 Godwin Dri-Prime Back-up Pump	1 UN	\$ 100,000.00	\$ 100,000.00
<b>SUBTOTAL</b>			<b>\$ 495,003.00</b>

ITEM/DESCRIPTION	QUANTITY	UNIT COST	TOTAL COST
<b>C. <u>Off-Site Gravity Sewer</u></b>			
1 10-inch PVC Sewer Main, 6-8' Deep	139 LF	\$ 35.00	\$ 4,865.00
2 10-inch PVC Sewer Main, 8-10' Deep	261 LF	\$ 38.00	\$ 9,918.00
3 10-inch PVC Sewer Main, 10-12' Deep	400 LF	\$ 42.00	\$ 16,800.00
10-inch PVC Sewer Main, 12-14' Deep	77 LF	\$ 46.00	\$ 3,542.00
4 Sanitary Manhole, 10-12' Deep	1 UN	\$ 3,000.00	\$ 3,000.00
5 Sanitary Manhole, 12-14' Deep	1 UN	\$ 3,400.00	\$ 3,400.00
6 Doghouse Manhole, 6-8' Deep	1 UN	\$ 2,800.00	\$ 2,800.00
7 Connection to Existing Manhole	1 UN	\$ 3,000.00	\$ 3,000.00
<b>SUBTOTAL</b>			<b>\$ 47,325.00</b>
	<b>TOTAL</b>		<b>\$ 1,113,426.00</b>



# consulting engineer services

Engineers, Planners, and Land Surveyors

January 10, 2013  
Revised November 1, 2013  
Revised April 10, 2014

**WATER MAIN EXTENSION ESTIMATE  
MALAGA ROAD TRACT  
TOWNSHIP OF MONROE, GLOUCESTER COUNTY, NJ**

ITEM/DESCRIPTION	QUANTITY	UNIT COST	TOTAL COST
<b>A. <u>Water System Extension</u></b>			
2 8-inch CLDIP Water Main	7,084 LF	\$ 35.00	\$ 247,940.00
3 12-inch CLDIP Water Main	3,442 LF	\$ 49.00	\$ 168,658.00
4 8-inch Miscellaneous Bends and Fittings	35 UN	\$ 350.00	\$ 12,250.00
5 12-inch Miscellaneous Bends and Fittings	11 UN	\$ 650.00	\$ 7,150.00
6 8-inch Gate Valve and Box	24 UN	\$ 1,250.00	\$ 30,000.00
7 12-inch Gate Valve and Box	7 UN	\$ 1,750.00	\$ 12,250.00
9 Fire Hydrant w/ Valve (in place, complete)	13 UN	\$ 2,500.00	\$ 32,500.00
10 1" Water Service (w/ Curb Stop and Box)	103 UN	\$ 1,000.00	\$ 103,000.00
11 Water Meter Pit, 1" Service	103 UN	\$ 500.00	\$ 51,500.00
12 12" Tapping Sleeves (in place, complete)	2 UN	\$ 7,000.00	\$ 14,000.00
	<b>TOTAL</b>		<b>\$ 679,248.00</b>

December 30, 2014

**ENGINEER'S ESTIMATE - SECTION 1  
MALAGA ROAD TRACT  
Block 2702, Lots 11, 15, 17, 40 and 41  
Monroe Township, Gloucester County, New Jersey**

ITEM/DESCRIPTION	QUANTITY	UNIT	COST	TOTAL COST
<b>A. Site Preparation</b>				
1. Site Clearing and Rough Grading	19.05	AC	\$ 2,000.00	\$ 38,100.00
2. Basin Excavation	26,044	CY	\$ 2.50	\$ 65,110.00
<b>SUBTOTAL</b>				<b>\$ 103,210.00</b>
<b>B. Roadway</b>				
1. HMA Surface Course, 9.5M64, 1.5" Thick	10,846	SY	\$ 10.00	\$ 108,460.00
2. HMA Base Course, 19M64, 4.5" Thick	10,846	SY	\$ 26.00	\$ 281,996.00
3. Dense Graded Aggregate, 6" Thick	10,846	SY	\$ 8.00	\$ 86,768.00
4. Concrete Monolithic Curb & Gutter	637	LF	\$ 30.00	\$ 19,110.00
5. Concrete Vertical Curb (6")	79	LF	\$ 25.00	\$ 1,975.00
6. Granite Block Curb	5,098	LF	\$ 18.00	\$ 91,764.00
7. Handicap Ramps	10	UN	\$ 1,500.00	\$ 15,000.00
8. Concrete Sidewalk, 6" Thick Reinforced	269	SY	\$ 55.00	\$ 14,795.00
9. Concrete Sidewalk, 4" Thick	5,491	SY	\$ 42.00	\$ 230,622.00
10. Concrete Driveway Apron, 6" Thick	252	SY	\$ 55.00	\$ 13,860.00
11. Traffic Signs	28	UN	\$ 125.00	\$ 3,500.00
12. Street Name Signs	4	UN	\$ 250.00	\$ 1,000.00
13. Pavement Striping (4" Wide)	100	LF	\$ 0.75	\$ 75.00
14. Painted Crosswalk (6 ft. wide)	290	LF	\$ 7.00	\$ 2,030.00
15. Painted Stop Bar (24" wide)	4	UN	\$ 150.00	\$ 600.00
16. Basin Access Road, 6" Th. DGA w/ 2" Topsoil	145	SY	\$ 11.00	\$ 1,595.00
<b>SUBTOTAL</b>				<b>\$ 873,150.00</b>
<b>C. Storm Sewer</b>				
1. Type "A" Inlet	8	UN	\$ 2,200.00	\$ 17,600.00
2. Type "E" Inlet	1	UN	\$ 2,700.00	\$ 2,700.00
3. Type "B" Inlet	20	UN	\$ 3,200.00	\$ 64,000.00
4. Type "B2" Inlet	1	UN	\$ 3,700.00	\$ 3,700.00
5. E Grate (Reset Existing B Inlet)	1	UN	\$ 1,500.00	\$ 1,500.00
6. 15" Reinforced Concrete Pipe	1,221	LF	\$ 26.00	\$ 31,746.00
7. 18" Reinforced Concrete Pipe	724	LF	\$ 31.00	\$ 22,444.00
8. 21" Reinforced Concrete Pipe	240	LF	\$ 37.00	\$ 8,880.00
9. 24" Reinforced Concrete Pipe	641	LF	\$ 41.00	\$ 26,281.00

ITEM/DESCRIPTION	QUANTITY	UNIT	COST	TOTAL COST
10 30" Reinforced Concrete Pipe	80	LF	\$ 51.00	\$ 4,080.00
11. Storm Manhole	3	UN	\$ 1,800.00	\$ 5,400.00
12. Outfall Structure	2	UN	\$ 4,000.00	\$ 8,000.00
13. Concrete Headwall	6	UN	\$ 3,200.00	\$ 19,200.00
14. Rip Rap Apron	8.2	CY	\$ 50.00	\$ 408.50
15. Preformed Scour Hole	7.1	CY	\$ 50.00	\$ 356.50
16. Sediment Trap	815	CY	\$ 50.00	\$ 40,750.00
17. Reno Mattress	17	SY	\$ 60.00	\$ 1,039.80
<b>SUBTOTAL</b>				<b>\$ 258,085.80</b>
<b>D. Site Improvements</b>				
1. Topsoil, Seed and Fertilize	9.13	AC	\$ 2,900.00	\$ 26,477.00
3. 4 Ft. High Chain Link Fence w/Black Vinyl Clad (Basin)	2,955	LF	\$ 20.00	\$ 59,100.00
4. 10' Wide Gate (Basin)	2	UN	\$ 500.00	\$ 1,000.00
<b>SUBTOTAL</b>				<b>\$ 86,577.00</b>
<b>E. Erosion Control Measures</b>				
1. Silt Fence	1,839	LF	\$ 2.00	\$ 3,678.00
2. Tree Protection Fence	1,622	LF	\$ 3.50	\$ 5,677.00
3. Inlet Protection	31	UN	\$ 100.00	\$ 3,100.00
4. Construction Entrance	2	UN	\$ 2,200.00	\$ 4,400.00
5. Dewatering	1	LS	\$ 10,000.00	\$ 10,000.00
<b>SUBTOTAL</b>				<b>\$ 26,855.00</b>
<b>F. Landscaping</b>				
1. Large Deciduous Trees	132	UN	\$ 300.00	\$ 39,600.00
2. Small Deciduous Trees	5	UN	\$ 225.00	\$ 1,125.00
3. Evergreen Trees	38	UN	\$ 160.00	\$ 6,080.00
4. Shrubs	329	UN	\$ 50.00	\$ 16,450.00
<b>SUBTOTAL</b>				<b>\$ 63,255.00</b>
<b>G. Lighting</b>				
1. Granville 100 Watt (A pattern) HPS w/12' Pole	5	UN	\$ 2,000.00	\$ 10,000.00
2. Granville 100 Watt (B pattern) HPS w/12' Pole	3	UN	\$ 2,000.00	\$ 6,000.00
3. Granville 70 Watt HPS w/12' Pole	14	UN	\$ 1,800.00	\$ 25,200.00
<b>SUBTOTAL</b>				<b>\$ 41,200.00</b>
<b>TOTAL</b>				<b>\$ 1,452,332.80</b>
<b>+20% CONTINGENCIES</b>				<b>\$ 290,466.56</b>
<b>GRAND TOTAL</b>				<b>\$ 1,742,799.36</b>

December 30, 2014

**ENGINEER'S ESTIMATE - SECTION 2  
MALAGA ROAD TRACT  
Block 2702, Lots 11, 15, 17, 40 and 41  
Monroe Township, Gloucester County, New Jersey**

ITEM/DESCRIPTION	QUANTITY	UNIT	COST	TOTAL COST
<b>A. <u>Site Preparation</u></b>				
1. Site Clearing and Rough Grading	7.05	AC	\$ 2,000.00	\$ 14,100.00
<b>SUBTOTAL</b>				\$ 14,100.00
<b>B. <u>Roadway</u></b>				
1. HMA Surface Course, 9.5M64, 1.5" Thick	3,828	SY	\$ 10.00	\$ 38,280.00
2. HMA Base Course, 19M64, 4.5" Thick	3,828	SY	\$ 26.00	\$ 99,528.00
3. Dense Graded Aggregate, 6" Thick	3,828	SY	\$ 8.00	\$ 30,624.00
4. Granite Block Curb	1,407	LF	\$ 18.00	\$ 25,326.00
5. Handicap Ramps	4	UN	\$ 1,500.00	\$ 6,000.00
6. Concrete Sidewalk, 6" Thick Reinforced	151	SY	\$ 55.00	\$ 8,305.00
7. Concrete Sidewalk, 4" Thick	752	SY	\$ 42.00	\$ 31,584.00
8. Concrete Driveway Apron, 6" Thick	166	SY	\$ 55.00	\$ 9,130.00
9. Traffic Signs	8	UN	\$ 125.00	\$ 1,000.00
10. Painted Crosswalk (6 ft. wide)	60	LF	\$ 7.00	\$ 420.00
11. Painted Stop Bar (24" wide)	2	UN	\$ 150.00	\$ 300.00
<b>SUBTOTAL</b>				\$ 250,497.00
<b>C. <u>Storm Sewer</u></b>				
1. Type "A" Inlet	7	UN	\$ 2,200.00	\$ 15,400.00
2. Type "B" Inlet	5	UN	\$ 3,200.00	\$ 16,000.00
3. 15" Reinforced Concrete Pipe	1,493	LF	\$ 26.00	\$ 38,818.00
<b>SUBTOTAL</b>				\$ 70,218.00
<b>D. <u>Site Improvements</u></b>				
1. Topsoil, Seed and Fertilize	4.40	AC	\$ 2,900.00	\$ 12,760.00
<b>SUBTOTAL</b>				\$ 12,760.00

ITEM/DESCRIPTION	QUANTITY	UNIT	COST	TOTAL COST
<b>E. Erosion Control Measures</b>				
1. Tree Protection Fence	874	LF	\$ 3.50	\$ 3,059.00
2. Inlet Protection	12	UN	\$ 100.00	\$ 1,200.00
3. Construction Entrance	2	UN	\$ 2,200.00	\$ 4,400.00
<b>SUBTOTAL</b>				<b>\$ 8,659.00</b>
<b>F. Landscaping</b>				
1. Large Deciduous Trees	63	UN	\$ 300.00	\$ 18,900.00
2. Evergreen Trees	39	UN	\$ 160.00	\$ 6,240.00
3. Shrubs	95	UN	\$ 50.00	\$ 4,750.00
<b>SUBTOTAL</b>				<b>\$ 29,890.00</b>
<b>G. Lighting</b>				
1. Granville 100 Watt (B pattern) HPS w/12' Pole	2	UN	\$ 2,000.00	\$ 4,000.00
2. Granville 70 Watt HPS w/12' Pole	5	UN	\$ 1,800.00	\$ 9,000.00
<b>SUBTOTAL</b>				<b>\$ 13,000.00</b>
<b>TOTAL</b>				<b>\$ 399,124.00</b>
<b>+20% CONTINGENCIES</b>				<b>\$ 79,824.80</b>
<b>GRAND TOTAL</b>				<b>\$ 478,948.80</b>

December 30, 2014

**ENGINEER'S ESTIMATE  
MALAGA ROAD TRACT - SECTION 3  
Block 2702, Lots 11, 15, 17, 40 and 41  
Monroe Township, Gloucester County, New Jersey**

ITEM/DESCRIPTION	QUANTITY	UNIT	COST	TOTAL COST
<b>A. Site Preparation</b>				
1. Site Clearing and Rough Grading	16.71	AC	\$ 2,000.00	\$ 33,420.00
2. Basin Excavation	18,921	CY	\$ 2.50	\$ 47,302.50
<b>SUBTOTAL</b>				<b>\$ 80,722.50</b>
<b>B. Roadway</b>				
1. HMA Surface Course, 9.5M64, 1.5" Thick	8,134	SY	\$ 10.00	\$ 81,340.00
2. HMA Base Course, 19M64, 4.5" Thick	8,134	SY	\$ 26.00	\$ 211,484.00
3. Dense Graded Aggregate, 6" Thick	8,134	SY	\$ 8.00	\$ 65,072.00
4. Granite Block Curb	4,838	LF	\$ 18.00	\$ 87,084.00
5. Concrete Sidewalk, 6" Thick Reinforced	338	SY	\$ 55.00	\$ 18,590.00
6. Concrete Sidewalk, 4" Thick	1,669	SY	\$ 42.00	\$ 70,098.00
7. Concrete Driveway Apron, 6" Thick	372	SY	\$ 55.00	\$ 20,460.00
8. Traffic Signs	22	UN	\$ 125.00	\$ 2,750.00
9. Street Name Signs	3	UN	\$ 250.00	\$ 750.00
10. Painted Crosswalk (6 ft. wide)	160	LF	\$ 7.00	\$ 1,120.00
11. Painted Stop Bar (24" wide)	3	UN	\$ 150.00	\$ 450.00
12. Basin Access Road, 6" Th. DGA w/ 2" Topsoil	44	SY	\$ 11.00	\$ 484.00
<b>SUBTOTAL</b>				<b>\$ 559,682.00</b>
<b>C. Storm Sewer</b>				
1. Type "A" Inlet	5	UN	\$ 2,200.00	\$ 11,000.00
2. Type "E" Inlet	5	UN	\$ 2,700.00	\$ 13,500.00
3. Type "B" Inlet	20	UN	\$ 3,200.00	\$ 64,000.00
4. 15" Reinforced Concrete Pipe	354	LF	\$ 26.00	\$ 9,204.00
5. 15" Class V Reinforced Concrete Pipe	548	LF	\$ 30.00	\$ 16,440.00
6. 18" Reinforced Concrete Pipe	747	LF	\$ 31.00	\$ 23,157.00
7. 18" Class IV Reinforced Concrete Pipe	523	LF	\$ 37.00	\$ 19,351.00
8. 21" Reinforced Concrete Pipe	164	LF	\$ 37.00	\$ 6,068.00
9. 24" Reinforced Concrete Pipe	170	LF	\$ 41.00	\$ 6,970.00
10. 30" Reinforced Concrete Pipe	402	LF	\$ 51.00	\$ 20,502.00



ITEM/DESCRIPTION	QUANTITY	UNIT	COST	TOTAL COST
11. 29"x45" Elliptical Reinforced Concrete Pipe	30	LF	\$ 90.00	\$ 2,700.00
12. Storm Manhole	2	UN	\$ 1,800.00	\$ 3,600.00
13. Concrete Headwall	2	UN	\$ 3,200.00	\$ 6,400.00
14. Rip Rap Apron	29.3	CY	\$ 50.00	\$ 1,466.50
15. Sediment Trap	820	CY	\$ 50.00	\$ 41,000.00
<b>SUBTOTAL</b>				<b>\$ 245,358.50</b>
<b>D. <u>Site Improvements</u></b>				
1. Topsoil, Seed and Fertilize	8.24	AC	\$ 2,900.00	\$ 23,896.00
2. 4 Ft. HighChain Link Fence w/Black Vinyl Clad (Basin)	1,712	LF	\$ 20.00	\$ 34,240.00
3. 10' Wide Gate (Basin)	1	UN	\$ 500.00	\$ 500.00
<b>SUBTOTAL</b>				<b>\$ 58,636.00</b>
<b>E. <u>Erosion Control Measures</u></b>				
1. Silt Fence	1,404	LF	\$ 2.00	\$ 2,808.00
2. Tree Protection Fence	2,298	LF	\$ 3.50	\$ 8,043.00
3. Inlet Protection	30	UN	\$ 100.00	\$ 3,000.00
4. Construction Entrance	1	UN	\$ 2,200.00	\$ 2,200.00
5. Dewatering	1	LS	\$ 10,000.00	\$ 10,000.00
<b>SUBTOTAL</b>				<b>\$ 26,051.00</b>
<b>F. <u>Landscaping</u></b>				
1. Large Decidious Trees	77	UN	\$ 300.00	\$ 23,100.00
2. Small Decidious Trees	2	UN	\$ 225.00	\$ 450.00
3. Evergreen Trees	22	UN	\$ 160.00	\$ 3,520.00
4. Shrubs	66	UN	\$ 50.00	\$ 3,300.00
<b>SUBTOTAL</b>				<b>\$ 30,370.00</b>
<b>G. <u>Lighting</u></b>				
1. Granville 100 Watt (A pattern) HPS w/12' Pole	9	UN	\$ 2,000.00	\$ 18,000.00
2. Granville 70 Watt HPS w/12' Pole	6	UN	\$ 1,800.00	\$ 10,800.00
<b>SUBTOTAL</b>				<b>\$ 28,800.00</b>
<b>TOTAL</b>				<b>\$ 1,029,620.00</b>
<b>+20% CONTINGENCIES</b>				<b>\$ 205,924.00</b>
<b>GRAND TOTAL</b>				<b>\$ 1,235,544.00</b>

December 30, 2014

**ENGINEER'S ESTIMATE  
MALAGA ROAD TRACT - SECTION 4  
Block 2702, Lots 11, 15, 17, 40 and 41  
Monroe Township, Gloucester County, New Jersey**

ITEM/DESCRIPTION	QUANTITY	UNIT	COST	TOTAL COST
<b>A. <u>Site Preparation</u></b>				
1. Site Clearing and Rough Grading	8.45	AC	\$ 2,000.00	\$ 16,900.00
<b>SUBTOTAL</b>				<b>\$ 16,900.00</b>
<b>B. <u>Roadway</u></b>				
1. HMA Surface Course, 9.5M64, 1.5" Thick	2,977	SY	\$ 10.00	\$ 29,770.00
2. HMA Base Course, 19M64, 4.5" Thick	2,977	SY	\$ 26.00	\$ 77,402.00
3. Dense Graded Aggregate, 6" Thick	2,977	SY	\$ 8.00	\$ 23,816.00
4. Granite Block Curb	1,786	LF	\$ 18.00	\$ 32,148.00
5. Concrete Sidewalk, 6" Thick Reinforced	169	SY	\$ 55.00	\$ 9,295.00
6. Concrete Sidewalk, 4" Thick	624	SY	\$ 42.00	\$ 26,208.00
7. Concrete Driveway Apron, 6" Thick	186	SY	\$ 55.00	\$ 10,230.00
8. Traffic Signs	1	UN	\$ 125.00	\$ 125.00
<b>SUBTOTAL</b>				<b>\$ 208,994.00</b>
<b>C. <u>Storm Sewer</u></b>				
1. Type "A" Inlet	4	UN	\$ 2,200.00	\$ 8,800.00
2. Type "E" Inlet	4	UN	\$ 2,700.00	\$ 10,800.00
3. Type "B" Inlet	5	UN	\$ 3,200.00	\$ 16,000.00
4. 15" Reinforced Concrete Pipe	428	LF	\$ 26.00	\$ 11,128.00
5. 15" Class IV Reinforced Concrete Pipe	253	LF	\$ 31.00	\$ 7,843.00
6. 15" Class V Reinforced Concrete Pipe	220	LF	\$ 33.00	\$ 7,260.00
7. 18" Reinforced Concrete Pipe	45	LF	\$ 31.00	\$ 1,395.00
8. 24"x38" Elliptical Reinforced Concrete Pipe	731	LF	\$ 85.00	\$ 62,135.00
<b>SUBTOTAL</b>				<b>\$ 125,361.00</b>
<b>D. <u>Site Improvements</u></b>				
1. Topsoil, Seed and Fertilize	5.78	AC	\$ 2,900.00	\$ 16,762.00
<b>SUBTOTAL</b>				<b>\$ 16,762.00</b>

ITEM/DESCRIPTION	QUANTITY	UNIT	COST	TOTAL COST
<b>E. <u>Erosion Control Measures</u></b>				
1. Tree Protection Fence	1,304	LF	\$ 3.50	\$ 4,564.00
2. Inlet Protection	15	UN	\$ 100.00	\$ 1,500.00
3. Construction Entrance	2	UN	\$ 2,200.00	\$ 4,400.00
<b>SUBTOTAL</b>				<b>\$ 10,464.00</b>
<b>F. <u>Landscaping</u></b>				
1. Large Deciduous Trees	56	UN	\$ 300.00	\$ 16,800.00
2. Shrubs	70	UN	\$ 50.00	\$ 3,500.00
<b>SUBTOTAL</b>				<b>\$ 20,300.00</b>
<b>G. <u>Lighting</u></b>				
1. Granville 70 Watt HPS w/12' Pole	11	UN	\$ 1,800.00	\$ 19,800.00
<b>SUBTOTAL</b>				<b>\$ 19,800.00</b>
<b>TOTAL</b>				<b>\$ 418,581.00</b>
<b>+20% CONTINGENCIES</b>				<b>\$ 83,716.20</b>
<b>GRAND TOTAL</b>				<b>\$ 502,297.20</b>