


Coronado NAB Pedestrian Tunnel								
Civil Creations Inc.								
		Cost Estimate						
DESCRIPTION	Unit	Quantity	Unit Price	Material Cost	Equipment Cost	Labor Cost	Total Cost	
<b>SITE PREPARATION</b>								
Permitting	LS	1	\$ 10,000.00	-	-	\$ 4,500.00	\$ 10,000.00	
Mobilization	LS	1	\$ 225,000.00	\$ 67,500.00	\$ 56,250.00	\$ 101,250.00	\$ 225,000.00	
<b>DEMOLITION</b>								
Palms	EA	2	\$ 2,900.00	\$ 1,740.00	\$ 1,450.00	\$ 2,610.00	\$ 5,800.00	
Bushes Trees	EA	9	\$ 1,100.00	\$ 2,970.00	\$ 2,475.00	\$ 4,455.00	\$ 9,900.00	
Bus Stop	EA	1	\$ 850.00	\$ 255.00	\$ 212.50	\$ 382.50	\$ 850.00	
AC Paving	SF	6550	\$ 13.50	\$ 26,527.50	\$ 22,106.25	\$ 39,791.25	\$ 88,425.00	
Storm Drains	LF	2	\$ 90.00	\$ 54.00	\$ 45.00	\$ 81.00	\$ 180.00	
Curb & Gutter	LF	280	\$ 8.50	\$ 714.00	\$ 595.00	\$ 1,071.00	\$ 2,380.00	
<b>TOTAL SITE PREPARATION AND DEMOLITION</b>							<b>\$ 342,535.00</b>	
<b>SITE EARTHWORK</b>								
Excavation Using Earth Pressure Balance Boring Machine	LS	1	\$ 1,200,000.00	\$ 360,000.00	\$ 300,000.00	\$ 540,000.00	\$ 1,200,000.00	
Import of Soils	CY	1400	\$ 40.00	\$ 16,800.00	\$ 14,000.00	\$ 25,200.00	\$ 56,000.00	
Export of Soils	CY	120	\$ 35.00	\$ 1,260.00	\$ 1,050.00	\$ 1,890.00	\$ 4,200.00	
Over-Excavation & Rock Removal	LS	1	\$ 50,000.00	\$ 15,000.00	\$ 12,500.00	\$ 22,500.00	\$ 50,000.00	
<b>Paving Subgrade Preparation</b>								
Sidewalk	SF	1750	\$ 3.00	\$ 1,575.00	\$ 1,312.50	\$ 2,362.50	\$ 5,250.00	
Hardscape Paving	SF	1400	\$ 3.00	\$ 1,260.00	\$ 1,050.00	\$ 1,890.00	\$ 4,200.00	
<b>Fine Grading</b>								
Sidewalk	SF	1750	\$ 2.50	\$ 1,312.50	\$ 1,093.75	\$ 1,968.75	\$ 4,375.00	
Hardscape Paving	SF	1400	\$ 2.50	\$ 1,050.00	\$ 875.00	\$ 1,575.00	\$ 3,500.00	
Erosion control	LS	1	\$ 22,000.00	\$ 6,600.00	\$ 5,500.00	\$ 9,900.00	\$ 22,000.00	
Sediment Control	LS	1	\$ 25,000.00	\$ 7,500.00	\$ 6,250.00	\$ 11,250.00	\$ 25,000.00	
Install Storm Drain Inlet Protection	LF	2	\$ 220.00	\$ 132.00	\$ 110.00	\$ 198.00	\$ 440.00	
<b>TOTAL SITE EARTHWORK</b>							<b>\$ 1,374,965.00</b>	
<b>SUB-STRUCTURE</b>								
Hot Rolled Sheet Piles	SF	943	\$ 900.00	\$ 254,610.00	\$ 212,175.00	\$ 381,915.00	\$ 848,700.00	
Strut	EA	30	\$ 60.00	\$ 540.00	\$ 450.00	\$ 810.00	\$ 1,800.00	
Waler	EA	24	\$ 60.00	\$ 432.00	\$ 360.00	\$ 648.00	\$ 1,440.00	
Soil Compaction	CY	75	\$ 37.00	\$ 832.50	\$ 693.75	\$ 1,248.75	\$ 2,775.00	
Grading	CY	75	\$ 28.00	\$ 630.00	\$ 525.00	\$ 945.00	\$ 2,100.00	
Ground Drainage System	LS	1	\$ 19,700.00	\$ 5,910.00	\$ 4,925.00	\$ 8,865.00	\$ 19,700.00	
Reconstruct Manholes Including Pipes	LS	1	\$ 1,125.00	\$ 337.50	\$ 281.25	\$ 506.25	\$ 1,125.00	
Reinforce Concrete Foundation	CY	94	\$ 670.00	\$ 18,894.00	\$ 15,745.00	\$ 28,341.00	\$ 62,980.00	
Reinforce Concrete for Floor Slab Including Rebars and Formwork	CY	102	\$ 670.00	\$ 20,502.00	\$ 17,085.00	\$ 30,753.00	\$ 68,340.00	
Reinforce Concrete for Roof Slab Including Rebars and Formwork	CY	102	\$ 700.00	\$ 21,420.00	\$ 17,850.00	\$ 32,130.00	\$ 71,400.00	
Reinforce Concrete for Stairs & Ramp Including Rebars and Formwork	CY	16	\$ 710.00	\$ 3,408.00	\$ 2,840.00	\$ 5,112.00	\$ 11,360.00	
Reinforce concrete for Wall System Including Rebars and Formwork	CY	144	\$ 680.00	\$ 29,376.00	\$ 24,480.00	\$ 44,064.00	\$ 97,920.00	
<b>TOTAL SUB-STRUCTURE</b>							<b>\$ 1,189,640.00</b>	
<b>Site Improvement</b>								
Reinforce Concrete for Sidewalks Including Rebars and Formwork	CY	50	\$ 670.00	\$ 10,050.00	\$ 8,375.00	\$ 15,075.00	\$ 33,500.00	
Curb & Gutter	LF	280	\$ 65.00	\$ 5,460.00	\$ 4,550.00	\$ 8,190.00	\$ 18,200.00	
AC Paving Including Base Material	SF	5600	\$ 30.00	\$ 50,400.00	\$ 42,000.00	\$ 75,600.00	\$ 168,000.00	
Palms Trees	EA	2	\$ 2,900.00	\$ 1,740.00	\$ 1,450.00	\$ 2,610.00	\$ 5,800.00	
Traffic Control Including Signs	LS	1	\$ 5,750.00	\$ 1,725.00	\$ 1,437.50	\$ 2,587.50	\$ 5,750.00	
<b>TOTAL SITE IMPROVEMENT</b>							<b>\$ 231,250.00</b>	
<b>TOTAL PROJECT COST</b>							<b>\$ 3,138,390.00</b>	