Tunnel Raceway Replacement Cost Estimate							-	\$368.60	Price per foot installed:	Price per
Estimate    Iting in 50% production   113%									- Cyprocal styles and all such services	10(8) 10
ting in 50% production  113%  113%  113%  11000 \$61,410.00 \$18,343.63 \$79,753.63 6 \$2,720.48 \$752.21 \$3,472.88 10 \$5,855.72 \$30,815.72 10 \$80,011.9 \$2,376.33 \$9,177.52 400 \$41,237.50 \$2,549.05 \$6,786.55 400 \$4,237.50 \$2,549.05 \$6,786.55 240 \$4,237.50 \$2,549.05 \$6,786.55 240 \$4,237.50 \$2,549.05 \$5,786.55 240 \$4,237.50 \$2,549.05 \$5,786.55 240 \$4,237.50 \$2,549.05 \$5,786.55 240 \$4,237.50 \$2,549.05 \$5,786.55 240 \$4,237.50 \$2,549.05 \$5,786.55 240 \$4,237.50 \$2,549.05 \$5,786.55 240 \$4,237.50 \$5,986.71 \$5,281.42 \$5,811.		\$368,596,60							thoired 1 000 am in timpel:	Total for
Estimate    Img in 50% production   113%   113%   Ext. Labor   Item   It		\$145,285.50			73			\$2,000.00	Set-ups and Police Details/day	Traffic Se
ting in 50% production  113%  113%  113%  113%  1000 \$61,410.00 \$18,343.63 \$79,753.63 6 \$2,720.48 \$752.21 \$3,472.68 10 \$865.70 \$1,253.68 \$4,880.98 55,880.74 \$8,731.99 \$300 \$6,801.19 \$2,376.33 \$9,177.52 \$400 \$4,237.50 \$2,549.06 \$6,768.55 \$20,005 \$1,440.12 \$1,905.83 \$13,345.95 \$2,905.005 \$794.02 \$3,900.22 \$3,900.22 \$5,811.42 \$5,249.05 \$5,811.42 \$2,98.27 \$3,245.11 \$1,005 \$114,444.12 \$34,511.21 \$176,055.33 \$173.06 \$0,005 \$1,444.12 \$34,511.21 \$176,055.33 \$173.06 \$0,005 \$1,444.12 \$34,511.21 \$176,055.33 \$173.06 \$1,001 \$346.11 \$		\$18,609.26 \$18,609.26			0.1				Overhead = 10.0% Directs and Indirects Profit = 10.0% Directs and Indirects	
Estimate    Iting in 50% production   113%									ontractor's O&P:	Prime Co
Estimate    Integrate		\$186,092.58							Directs and Indirects:	Subtotal
Estimate    Iting in 50% production   113%   Ext. Labor   Item		\$5,191.58			0.15				Field Supy and Eng. = 15.0% Labor	
Estimate    Iting in 50% production   113%   113%   Ext. Labor   Item   Stabilitation   S		\$1,038.34			0.03				Misc Construction Equipment = 3.0% L	
Estimate    Img in 50% production		\$1,038,34			0.03				Weather Protection = 1.0% Labor Small Tools and Consumables = 3.0% L	
Estimate    Img in 50% production   113%   1		\$346.11			0.01				Security Labor = 1.0% Labor	
ting in 50% production  113%  113%  113%  113%  113%  113%  1000 \$61,410,00 \$18,343,63 \$79,753,63 \$6 \$2,720,48 \$752,21 \$3,472,68 10 \$8,8051,25 \$680,74 \$8,731,99 \$5,801,19 \$2,376,33 \$9,177,52 \$0,881,572 \$10 \$8,051,25 \$6,807,4 \$8,731,99 \$00 \$4,237,50 \$2,549,05 \$6,786,55 \$200 \$11,440,12 \$1,905,83 \$13,345,95 \$1,440,12 \$1,905,83 \$13,345,95 \$2,98,27 \$9,298,27 \$9,298,27 \$9,298,27 \$9,298,27 \$9,298,27 \$9,298,27 \$141,444,12 \$34,611,21 \$176,055,33 \$173,06 \$0,005 \$141,444,12 \$34,611,21 \$176,055,33 \$173,06 \$0,005 \$13,06 \$173,		\$346.11			0.01				Survey Labor = 1.0% Labor	
Estimate    Img in 50% production		\$346,11			0.01				Material Handleing Labor = 1.0% Labor	
Estimate    Img in 50% production		\$346.11			0.01				Cleanup Labor = 1.0% Labor	
Estimate    Img in 50% production		\$173.06			0.005				Construction Utilities Labor = 0.5% L	
Estimate    Image   Im		\$173.06			0.005				Construction Hillities Material = 0.5% L	
Estimate    Internation   Inte		\$173.06			0.005				Temp Facilities Material =0.5% Labor	
Estimate    Internate   Intern									Costs:	Indirect C
Estimate    Imagin 50% production										
Estimate    Image in 50% production   113%	581.1	\$176,055.33	\$34,611.21	\$141,444.12					Directs Subtotal:	
Estimate    113%		17.067'8€		17.067,64	67			\$320.00	Equipment, Liftwik	
Estimate  Iting in 50% production  113%  113%  113%  Ext. Labor Item Item  Cost Cost Subfotal		\$5,811.42		\$5,811.42				\$200.00	Equipment, Pickup/wk	
Estimate  Iting in 50% production  113%  113%  113%  Ext. Labor Item Item  Cost Cost Subtotal	13.332	\$3,980.62	-						Expansion/Deflection Filting 4"	
Estimate  Iting in 50% production  113%  113%  113%  Ext. Labor Item Item  Cost Cost Subtotal	42.8	1		T				1	Drilled-in Anchors ½"x2½"	
Estimate  Iting in 50% production  113%  113%  113%  Ext. Labor   Item		1 1	\$2,376.33	П				\$22.67	Support Channel 1-5/8, Type 316	
Estimate  Iting in 50% production  113%  113%  113%  Ext. Nat  Cost  Cost  Cost  Cost  Subtotal  Sub  1000 \$51,720.48 \$752.21 \$3,472.88  10 \$3,627.30 \$1,253.88 \$4,880.98		1						\$4,972.00	Pull Box 32x12x8, NEMA 4X Type 316	
Estimate  Iting in 50% production  113%  113%  113%  Ext. Mat Ext. Labor Item Item Cost Cost Subfotal Sub 1000 \$61,410.00 \$18,343.63 \$79,753.63 6 \$2,720.48 \$752.21 \$3,472.88	21.05			1 1			1 1	\$362.73	Elbow 4*, 221/2°	
fing in 50% production  113%  113%  Cost  Cost  Cost  Subtotal	12.63		\$752.21					\$453.41	Conduit 4" AISI Type 316	
ting in 50% production 113% 113% Ext. Mat Ext. Labor litem	Suototal					둳	Labor	Material		
Tunnel Raceway Replacement Cost Estimate  Tunnel Conduit Budgelary Cost Estimate  Tunnel Conduit Budgelary Cost Estimate  Typical 1,000 ft section  Labor Hours are assumed to be 3rd shift with a pay differential of 115%  Traffic closures and coordinated events create inefficiencies that result in 4 hrs of production in an 8 hr shift resulting in 50% production  Labor Pricing assumes a crew composed of 1 Foreman, 2 Journeyman and 1 Apprentice Electricians  Pricing is based on current guotes or where 2002 RSMeans was used, pricing was escalated at 3%/yr to 2006 = 113%	Item Hour		Labor	Vlat		Production	ice	Unit Price		Direct Co
Tunnel Raceway Replacement Cost Estimate  Tunnel Conduit Budgelary Cost Estimate  Tunnel Conduit Budgelary Cost Estimate  Typical 1,000 ft section  Labor Hours are assumed to be 3rd shift with a pay differential of 115%  Traffic closures and coordinated events create inefficiencies that result in 4 hrs of production in an 8 hr shift resulting in 50% production  Labor Pricing assumes a crew proposed of 1 Foreman, 2 Journeyman and 1 Apprentice Electricians  Labor Bodge and current quotes or where 2002 RSMeans was used, pricing was escalated at 3%/wr to 2006 = 113%								C		
Tunnel Raceway Replacement Cost Estimate  Tunnel Conduit Budgelary Cost Estimate  Typical 1,000 ft section  Typical 1,000 ft section  Labor Hours are assumed to be 3rd shift with a pay differential of 115%  Traffic closures and coordinated events create inefficiencies that of 1 According Electricians  Traffic closures and coordinated events create inefficiencies and 1 According Electricians				113%		r to 2006 =	ted at 3%/v	no was escala	rument nuntes or where 2002 RSMeans was used, pricit	Pricing is based on c
Tunnel Raceway Replacement Cost Estimate  Tunnel Conduit Budgelary Cost Estimate  Typical 1,000 ft section  Labor Hours are assumed to be 3rd shift with a pay differential of 115%				production	lting in 50%	r shift resu	ion in an 8 l	hrs of product	coordinated events create inefficiencies that result in 4 l	Traffic closures and
Tunnel Raceway Replacement Cost Estimate									sumed to be 3rd shift with a pay differential of 115%	Typical 1,000 ft section Labor Hours are assi
Tunnel Raceway Replacement Cost Estimate									getary Cost Estimate	Tunnel Conduit Budg
	.,.,.			ate	<b>Estim</b>	Cost	ment	эрlасе	Tunnel Raceway Re	