ROUTE 228 UPMC				
I-79 to Franklin Road				
PROBABLE COST ESTIMATE WORKSHEET				
DESCRIPTION OF WORK	COST	UNIT	QUANTITY	TOTAL
Construction Items				
Pavement				
1.5" Superpave Wearing Course, SRL-E	$12.00	SY	10000	$120,000.00
2.5" Superpave Binder Course	$15.00	SY	10000	$150,000.00
8" Superpave Base Course	$41.00	SY	10000	$410,000.00
Subbase 10" Depth (No. 2A)	$20.00	SY	10000	$200,000.00
Bituminous Tack Coat	$0.15	SY	30000	$4,500.00
Bituminous Prime Coat	$1.50	SY	2000	$3,000.00
Plain Cement Paving	$9.00	SY	1500	$13,500.00
Excavation				
Class 1 Excavation	$18.00	CY	1800	$32,400.00
Class 1B Excavation	$35.00	CY	4100	$143,500.00
Foreign Borrow Excavation	$28.00	CY	2000	$56,000.00
Select Borrow Excavation	$40.00	CY	4000	$160,000.00
Drainage				
Type M Inlet				
Standard Inlet				
18" RCP	$150.00	LF	228	$34,200.00
24" RCP	$310.00	LF	90	$27,900.00
36" RCP	$310.00	LF	400	$124,000.00
42" RCP	$270.00	LF	20	$5,400.00
48" RCP	$320.00	LF	15	$4,800.00
Underdrain/End Sections/Endwalls	$100.00	LF	200	$20,000.00
Concrete Pipe End Sections	$3,200.00	EA	5	$16,000.00
Guiderail/End Section	$11.00	LF	3100	$34,100.00
Impact Attenuating Device	$2.00	EA	2000	$4,000.00
Miscellaneous				
Construction Survey	$20,000.00	LS	1	$20,000.00
CPM Schedule	$3,500.00	LS	1	$3,500.00
Inspector	$392,100.00	LS	1	$392,100.00
Equipment-Inspector	$10,000.00	LS	1	$10,000.00
Signing/Pavement Markings	$40,000.00	LS	1	$40,000.00
Temporary Barrier	$50.00	SY	4150	$207,500.00
Signal Reconstruction	$300,000.00	EA	3	$900,000.00
Retaining Wall	$35,000.00	LS	1	$35,000.00
Post Construction Stormwater Management	$242,000.00	LS	1	$242,000.00
Clearing and Grubbing	$40,000.00	LS	1	$40,000.00
		Construction Subtotal		**$3,453,400.00**
Landscaping Costs	2%	Of Construction Subtotal		$69,100.00
Misc. E&S Controls	4%	Of Construction Subtotal		$138,100.00
Maintenance & Protection of Traffic	5%	Of Construction Subtotal		$172,700.00
		Total Construction		**$3,833,300.00**
Contingency	**20%**	**Of Construction Total**		**$766,660.00**
TOTAL PROJECT COST				**$4,600,000.00**