Engineer's Opinion of Estimated Costs for Public/Private Improvements
<Project Name> CDxx-xxxx

All Costs Include Labor and Materials.

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
	PUBLIC IMPROVEMENTS TO BE INSPECTED				
	Earthwork				
	Mobilizaton	1	LS	$15,000	$15,000.00
	Topsoil				$0.00
	Import/Export in ROWs				$0.00
	Transportation				
	Paving				$0
	Subgrade Prep				$0
	Curb Gutter				$0
	Cross Pans				$0
	Sidewalks				$0
	Handicap Ramps				$0
	Street Repair for utility cuts				$0
	Irrigation Conduits in Right-of-way				$0
	Utility Conduits in Right-of-Way				$0
	Trails (off street, public)				$0
	Striping				$0
	Signage				$0
	Public Street Lighting				$0
	Water				$0
	Water Mains (list types & sizes) 12 inch				$0
	Connections to Existing WL				$0
	Saw Cut & Pavement Replacement				$0
	Water Main Lowerings				$0
	Tees (list sizes)				$0
	Crosses (list sizes)				$0
	Horizontal Bends (list sizes)				$0
	Vertical Bends (list sizes)				$0
	Valves (list types & sizes)				$0
	Marker Posts				$0
	Temporary Blow-Offs				$0
	ARV's				$0
	Fire Hydrants 1 per 400 ft				$0
	Fire Hydrant Bollards				$0
	Domestic Service Lines (from the main to the curb stop) (list types and sizes)				$0
	Water Meters (list sizes) & Vaults				$0
	Irrigation Meters (list sizes) & Vaults				$0
	Irrigation Lines (from main to meter) (list types & sizes)				$0
	Sanitary Sewer				$0
	Sanitary Mains 21 inch	4630	LF	$60	$278,865
	Sanitary Mains 24 inch	11870	LF	$60	$714,930
	Connections to Existing San Sewer	1	EA	$6,085	$6,085
	Saw Cut	330	LF	$4	$1,320
	Pavement Replacement	3750	SF	$81	$303,750
	Lift Stations				$0

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
	Sanitary Force Mains (list types & sizes)				$0
	Manholes (5' Dia.) <10' Depth	5	EA	$4,600	$23,000
	Manholes (5' Dia.) 10'-20' Depth	38	EA	$6,500	$247,000
	Manholes (5' Dia.) >20' Depth	6	EA	11000	$66,000
	24" diameter, 300 lb				
	Manhole Internal Watertight Inserts				$0
	Drop Manholes (list dia. & range of depth)				$0
	Marker Posts				$0
	WYE connections for service lines (list sizes)				$0
	** assume manhole cover inlcuded in cost				
	Drainage				
	Storm Sewer Pipes				$0
	Manholes				$0
	Inlets				$0
	FES's				$0
	Trickle Channel				$0
	Rip Rap				$0
	Forebay				$0
	Micropool				$0
	Outlets Structure(s)				$0
	Retaining Walls				$0
					$1,655,950.17
	10% Contingency				$165,595.02
	Total Public Improvements				$1,821,545.19

	PRIVATE IMPROVEMENTS TO BE INSPECTED				
	Earthwork				
	Import/Export				$0.00
	Water				$0
	Backflow Prevention Assemblies (list sizes)				$0
	Fire Service Line (list types and sizes)				$0
	Abandon/remove water service lines				$0
	Irrigation backflow prevention assemblies (list sizes)				$0
	Sanitary Sewer				$0
	Abandon/remove sanitary sewer service lines				$0
	Drainage				$0
	Storm Sewer Pipe				$0
	Manholes				$0
	Inlets				$0
	Clean Outs				$0
	FES's				$0
	Retaining Walls				$0
					$0
	10% Contingency				$0.0
	Total Private Improvements To Be Inspected				$0.0

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
	PRIVATE IMPROVEMENTS NOT TO BE INSPECTED				
	Transportation				
	Paving				$0
	Curb/Gutter				$0
	Cross Pans				$0
	Parking Areas				$0
	Sidewalks				$0
	Handicapped Ramps				$0
	Water				
	FDC & fire lines to FDC (list types & sizes) (Inspected by Fire, not Public Works)				$0
	Domestic Service Lines (from curb stop to building) (list types & sizes) (Inspected by the Building Division)				$0
	Irrigation Lines (past meter)				$0
	Sanitary Sewer				$0
	Service Lines (list types and sizes)				$0
	Clean-Outs (list sizes)				$0
	10% Contingency				$0 $0.0
	Total Private Improvements Not To Be Inspected				$0.0
	Grand Total				**$1,821,545.19**

1. Surety is calculated based on Public Improvement Costs.
2. Inspection Fees are calculated from Public Improvements and Private Improvements to be inspected.
3. Use Tax is calculated from the Grand Total of all Improvements minus Earthwork.
4. All Costs Shall Include Labor and Material.