



Date: _____

Project: _____

Site Address: _____

Parcel #'s: _____

Subject: PUBLIC IMPROVEMENT CONSTRUCTION COST ESTIMATE

SUMMARY

PRIMARY CONSTRUCTION

100 - Site Preparation and ESC	_____
200 - Street Improvements	_____
300 - Storm Drainage Improvements	_____
400 - Sanitary Sewer Improvements	_____
500 - Waterworks Improvements	_____
600 - Utilities (Joint Trench, Gas, Power, Phone, Cable)	=====
TOTAL ESTIMATED COST	_____

ITEM	DESCRIPTION	UNITS	MEASURE	UNIT COST	TOTAL COST
<u>100 - Site Preparation and ESC</u>					
101	Mobilization	1	lump sum		_____
102	Clearing, grubbing, & stump removal	1	lump sum		_____
103	Demolition/hauloff of existing structures	1	lump sum		_____
104	Construction entrance		each	3,200.00	_____
105	Sediment fence		l.f.	3.50	_____
106	Bio bags		each	40.00	_____
107	Inlet silt sacks		each	175.00	_____
108	Straw waddles		l.f.	4.50	_____
109	Hydro-seeding		s.f.	0.25	_____
110	Straw mulch cover		s.f.	0.15	_____
111	Stripping, haul off and disposal		c.y.	15.00	_____
112	Stripping, stockpile & redistribute		c.y.	6.00	_____
113	Excavation, fill & grading		c.y.	5.50	_____
114	Tree protection fencing, 5' PVC mesh fence w/signs		l.f.	6.00	_____
115	Retaining walls, concrete cast in-place		s.f.	40.00	_____
	Sub-Total, Site Preparation & ESC				=====

ITEM	DESCRIPTION	UNITS	MEASURE	UNIT COST	TOTAL COST
<u>200 - Street Improvements</u>					
201	Subgrade stabilization		c.y.	35.00	_____
202	Road baserock, crushed ballast, 10" depth		s.y.	16.00	_____
203	Road baserock, top course, 2" depth		s.y.	6.00	_____
204	HMA paving, 3" depth		s.y.	20.00	_____
205	Curb & gutter		l.f.	12.00	_____
206	Sidewalk		s.f.	6.00	_____
207	Sidewalk access ramps		each	3,800.00	_____
208	Commercial driveway approaches		s.f.	8.00	_____
209	Residential driveway approaches		s.f.	6.00	_____
210	Street trees		each	450.00	_____
211	Street signs		each	400.00	_____
212	Street barricade, 32 feet		each	3,600.00	_____
213	Sidewalk barricade		each	600.00	_____
214	Mailbox, 12-door cluster		each	2,800.00	_____
215	Mailbox, single		each	325.00	_____
216	Survey monument boxes		each	475.00	_____
217	Traffic control		1 lump sum		_____
	Sub-Total, Street Improvements				=====

ITEM	DESCRIPTION	UNITS	MEASURE	UNIT COST	TOTAL COST
<u>300 - Storm Drainage Improvements</u>					
<u>Collection System</u>					
301	Pipe, 12-inch PVC C-900 w/ rock backfill		l.f.	65.00	_____
302	Pipe, 12-inch PVC D-3034 w/ rock backfill		l.f.	52.00	_____
303	Pipe, 10-inch PVC C-900 w/ rock backfill		l.f.	60.00	_____
304	Pipe, 10-inch PVC D-3034 w/ rock backfill		l.f.	47.00	_____
305	Pipe, 8-inch PVC C-900 w/ rock backfill		l.f.	49.00	_____
306	Pipe, 8-inch PVC D-3034 w/ rock backfill		l.f.	38.00	_____
307	Pipe, 4-inch lateral PVC C-900 w/ rock backfill		l.f.	38.00	_____
308	Pipe, 4-inch lateral PVC D-3034 w/ rock backfill		l.f.	27.00	_____
309	Manholes, 48" std.		each	4,000.00	_____
310	Manhole, water quality		each	6,800.00	_____
311	Cleanout, 12"		each	1,900.00	_____
312	Cleanout, 8"		each	1,500.00	_____
313	Tees, 12-inch x 4-inch		each	275.00	_____
314	Tees, 8-inch x 4-inch		each	235.00	_____
315	Subgrade stabilization		c.y.	45.00	_____
316	Catch basins/area drains		each	2,800.00	_____
317	Pavement, remove & restore		s.y.	45.00	_____
318	Traffic control	1	lump sum		_____
	Sub-Total , Collection System				=====
<u>Detention Pond and Water Quality Swale</u>					
319	Pond excavation, onsite disposal		c.y.	4.00	_____
320	Control structure		each	5,200.00	_____
321	Discharge pads, 3'x6' Cl-25 rip-rap set in concrete		each	650.00	_____
322	Retaining walls, cast in place		s.f.	50.00	_____
323	Chain link fence, 6' black vinyl		l.f.	22.00	_____
324	Chain link gate, 6' high, 12' long black vinyl		each	1,400.00	_____
325	Landscaping, trees, shrubs, & groundcover.	1	lump sum		_____
326	Landscaping, temp. irrig. system, 2-yr maint.	1	lump sum		_____
	Sub-Total , Detention Pond and Water Quality Swale				=====
	Sub-Total, Storm Drainage Improvements				=====

ITEM	DESCRIPTION	UNITS	MEASURE	UNIT COST	TOTAL COST
400 - Sanitary Sewer Improvements					
401	Pipe, 8-inch PVC C-900 w/ rock backfill		l.f.	49.00	_____
402	Pipe, 8-inch PVC D-3034 w/ rock backfill		l.f.	39.00	_____
403	Pipe, 4-inch lateral PVC C-900 w/ rock backfill		l.f.	36.00	_____
404	Pipe, 4-inch lateral PVC D-3034 w/ rock backfill		l.f.	25.00	_____
405	Manholes, 48"		each	4,800.00	_____
406	Manholes, 60"		each	6,500.00	_____
407	Connect to existing manhole		each	2,600.00	_____
408	Tees, 8-inch x 4-inch		each	225.00	_____
409	Subgrade stabilization		c.y.	45.00	_____
410	Pavement, remove & restore		s.y.	45.00	_____
411	Traffic control	1	lump sum		=====
	Sub-Total, Sanitary Sewer Improvements				=====

ITEM	DESCRIPTION	UNITS	MEASURE	UNIT COST	TOTAL COST
<u>500 - Waterworks Improvements</u>					
501	Pipe, 8-inch CI-52 DIP w/ rock backfill		l.f.	58.00	_____
502	Pipe, 4-inch CI-52 DIP w/ rock backfill		l.f.	42.00	_____
503	Connection to existing inch main 8"x8" tee		each	9,500.00	_____
504	Valves, 8-inch gate		each	1,250.00	_____
505	Valves, 4-inch gate		each	1,250.00	_____
506	Blow-off assemblies		each	1,400.00	_____
507	Air release valves		each	2,200.00	_____
508	Fire hydrant assemblies		each	6,500.00	_____
509	Misc. 8-inch bends & fittings w/ thrust restraint	1	lump sum		_____
510	Misc. 4-inch bends & fittings w/ thrust restraint	1	lump sum		_____
511	Single water service, 1-inch copper w/ meter box		each	750.00	_____
512	Pavement, remove & restore		s.y.	45.00	_____
513	Traffic control	1	lump sum		_____
	Sub-total, Waterworks Improvements				=====

ITEM	DESCRIPTION	UNITS	MEASURE	UNIT COST	TOTAL COST
<u>600 - Utilities (Joint Trench, Gas, Power, Phone, Cable)</u>					
601	Street Crossings (rock backfill)		each	750.00	_____
602	Trenching & backfill (native backfill)		l.f.	3.50	_____
603	Vault installed, 6'x4', transformer by PUD3		each	2,900.00	_____
604	Vault installed, 5'x3', transformer by PUD3		each	2,100.00	_____
605	Pole box, street lighting		each	350.00	_____
606	Conduit, 4-inch		l.f.	8.00	_____
607	Conduit, 3-inch, power secondary		l.f.	6.00	_____
608	Conduit, 2-inch, power primary, high voltage		l.f.	4.00	_____
609	Conduit, 1-inch, street lights		l.f.	2.50	_____
610	Bends, 4-inch		each	70.00	_____
612	Bends, 3-inch		each	45.00	_____
614	Bends, 2-inch		each	28.00	_____
615	Bends, 1-inch		each	18.00	_____
616	Pavement remove/restore		s.y.	60.00	_____
616	Traffic control		lump sum		_____
617	Street lights, 200 watt LED		each	2,500.00	=====
	Sub-Total, Utilities				=====