

GENERAL SUMMARY

Project Name: B&A Boulevard Water Main Extension, Anne Arundel County,
 Maryland
Project ID: 1012-01
Scope: Utilities
Date: 21-Aug-26



ACE SERVICES
DESIGN ESTIMATE DELIVER

SITE GSF		3,010		
DIVISION NO.		DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000		GENERAL REQUIREMENTS	\$ 6,000	\$ 1.99
2000		EXISTING CONDITIONS	\$ 6,685	\$ 2.22
33000		UTILITIES	\$ 67,907	\$ 22.56
TOTAL TRADE COST			\$ 80,593	\$ 27
OVERHEAD AND PROFIT		15%	\$ 12,088.88	\$ 4.02
INSURANCE		5%	\$ 4,030	\$ 1.34
CONTINGENCY		0%	\$ -	\$ -
TAX		5%	\$ 3,627	\$ 1.20
SUGGESTED BID			\$ 100,338	\$ 33.33

DETAILED BREAKDOWN OF ITEMS

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ 60.00	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ 60.00	\$ -	\$ -	\$ -	\$ -
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ 60.00	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.000	\$ 60.00	\$ -	\$ -	\$ -	\$ -
5			Mobilization Costs	LS	1	0%	1	35.000	\$ 60.00	\$ 2,100.00	\$ -	\$ 2,100.00	\$ 2,100
6			Temporary Control & Facilities	LS	1	0%	1	65.000	\$ 60.00	\$ 3,900.00	\$ -	\$ 3,900.00	\$ 3,900
SUBTOTAL													\$ 6,000

EXISTING CONDITIONS													
			DEMOLITION										
7	C001, C002	C001, C002	12" Dia Existing Water Line To Be Demolished	LF	46	0%	46	0.155	\$ 64.00	\$ 9.92	\$ -	\$ 9.92	\$ 453
8			Sawcut Existing Asphalt Pavement	LF	1128	0%	1128	0.038	\$ 64.00	\$ 2.43	\$ -	\$ 2.43	\$ 2,743
			PATCH & REPAIR										
9			Patch & Repair Existing Asphalt Pavement (To Match	SF	3010	10%	3311	0.011	\$ 64.00	\$ 0.70	\$ 0.35	\$ 1.05	\$ 3,490
SUBTOTAL												\$ 6,685	

UTILITIES													
			WATER MAIN										
			Pipe Material: Ductile Iron Pipe (DIP)										
10			6" Dia Water Main Line	LF	537	10%	590	0.206	\$ 89.52	\$ 18.42	\$ 21.31	\$ 39.73	\$ 23,462
11			12" Dia Water Main Line	LF	66	10%	72	0.370	\$ 89.52	\$ 33.16	\$ 38.36	\$ 71.52	\$ 5,159
			CONNECTIONS										
12			(8" x 8" x 6" Dia) Tapping Sleeve & Valve	EA	1	0%	1	5.880	\$ 89.52	\$ 526.38	\$ 826.84	\$ 1,353.22	\$ 1,353
13			6" Dia 90 Degree Bend	EA	5	0%	5	2.625	\$ 89.52	\$ 234.99	\$ 267.66	\$ 502.65	\$ 2,513
14			12" Dia 90 Degree Bend	EA	1	0%	1	5.250	\$ 89.52	\$ 469.98	\$ 744.95	\$ 1,214.93	\$ 1,215
15			6" Dia 11.25 Degree Bend	EA	1	0%	1	2.888	\$ 89.52	\$ 258.49	\$ 294.00	\$ 552.49	\$ 552
16			(6" x 6" x 6" Dia) Tee	EA	2	0%	2	3.240	\$ 89.52	\$ 290.04	\$ 489.60	\$ 779.64	\$ 1,559
17			(12" x 12" x 12" Dia) Tee	EA	1	0%	1	6.480	\$ 89.52	\$ 580.09	\$ 1,339.95	\$ 1,920.04	\$ 1,920
			VALVES										
18			6" Dia Gate Valve	EA	2	0%	2	7.140	\$ 89.52	\$ 639.17	\$ 1,398.76	\$ 2,037.93	\$ 4,076
			FIRE HYDRANT										
19			36" H Fire Hydrant - As Per Maryland State Standards	EA	1	0%	1	12.000	\$ 89.52	\$ 1,074.24	\$ 4,390.00	\$ 5,464.24	\$ 5,464
			ACCESSORIES										
20			12" Dia Plug Anchor W/ (4) 3/4" Dia x 24" L J-Bolts	EA	2	0%	2	0.135	\$ 89.52	\$ 12.09	\$ 18.99	\$ 31.08	\$ 62
21			Thrust Block	EA	8	0%	8	0.450	\$ 89.52	\$ 40.28	\$ 55.00	\$ 95.28	\$ 762
22			Adjustable Roadway Valve Box	EA	1	0%	1	2.250	\$ 89.52	\$ 201.42	\$ 190.00	\$ 391.42	\$ 391
			METER										
23			6" Dia Water Meter	EA	2	0%	2	4.250	\$ 89.52	\$ 380.46	\$ 1,149.95	\$ 1,530.41	\$ 3,061
24			12" Dia Water Meter	EA	1	0%	1	7.500	\$ 89.52	\$ 671.40	\$ 1,955.00	\$ 2,626.40	\$ 2,626
			TRENCHING										
25			Excavation (2'-6" W x 5'-0" D Trench)	CY	279	10%	307	0.280	\$ 89.52	\$ 25.07	\$ -	\$ 25.07	\$ 7,684
26			Backfill	CY	273	10%	300	0.225	\$ 89.52	\$ 20.14	\$ -	\$ 20.14	\$ 6,046
SUBTOTAL												\$	67,907

PROJECTED COST											\$80,593		
											OVERHEAD AND PROFIT		
											15%		
											INSURANCE		
											5%		
											CONTINGENCY		
											0%		
											TAX		
											4.5%		
											\$3,627		

[illegible]

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SUGGESTED BID										\$100,338
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