

TRAILS AT LOWER SEGUIN
ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST
61 LOTS

WATER IMPROVEMENTS

ITEM	DESCRIPTION	UNIT	EST/QTY	\$/UNIT	AMOUNT
Phase I					
1	Water Tie-In (8" to 8")	EA.	2		\$ -
2	Trench Excavation Protection	L.F.	4,129		\$ -
3	8" Pipe, C900 DR 14 PVC Class 200	L.F.	4,129		\$ -
4	8" Gate Valve, M.J. w/ Box, Complete	EA.	16		\$ -
5	Standard Fire Hydrant	EA.	7		\$ -
6	2" Permanent Blow-off	EA.	2		\$ -
7	2" Temporary Blow-off	EA.	2		\$ -
8	1" Single Service: Short	EA.	40		\$ -
9	1" Single Service: Long	EA.	21		\$ -
10	1" Irrigation Service	EA.	1		\$ -
11	D.I. Fittings	TON	2.00		\$ -
12	Hydrostatic Testing	EA.	1		\$ -
13	Chlorination and Bacteriological Test	EA.	2		\$ -
Phase II					
14	Meter Box	EA.	62		\$ -
TOTAL COST					\$ -

SANITARY SEWER IMPROVEMENTS

ITEM	DESCRIPTION	UNIT	EST/QTY	\$/UNIT	AMOUNT
15	Trench Excavation Protection	L.F.	3,439	\$ -	\$ -
16	8" Sanitary Sewer Pipe, SDR-26 (0'-6')	L.F.	48		\$ -
17	8" Sanitary Sewer Pipe, SDR-26 (6'-10')	L.F.	3,238	\$ -	\$ -
18	8" Sanitary Sewer Pipe, SDR-26 (10'-14')	L.F.	57	\$ -	\$ -
19	8" Sanitary Sewer Pipe, SDR-26 (14'-18')	L.F.	96	\$ -	\$ -
20	Standard Sanitary Sewer Manhole	EA.	8	\$ -	\$ -
21	Internal Drop Manhole	EA.	1	\$ -	\$ -
22	Extra Depth Manhole	V.F.	27.7	\$ -	\$ -
23	Sanitary Sewer Laterals, SDR-26 Class 160	L.F.	2,265	\$ -	\$ -
24	Sewer Main Television Inspection	L.F.	3,439	\$ -	\$ -
25	Tie to Existing Manhole and Recoat	EA.	1	\$ -	\$ -
26	Remove/Replace Asphalt & Base	SY	65	\$ -	\$ -
27	Traffic Control	LS	1	\$ -	\$ -
TOTAL COST					\$ -

OFFSITE STREET IMPROVEMENTS (LOWER SEGUIN ROAD)

ITEM	DESCRIPTION	UNIT	EST/QTY	\$/UNIT	AMOUNT
25	Street Excavation	CY	1,250	\$ -	\$ -
26	Street Embankment	CY	313	\$ -	\$ -
27	Flexible Base (18.0" Compacted) ~ Arterial	SY	2,005	\$ -	\$ -
28	Prime Coat	GAL	348	\$ -	\$ -
29	Tack Coat	GAL	174	\$ -	\$ -
30	HMAC, Type C (2" Thickness)	SY	1,740	\$ -	\$ -
31	HMAC, Type D (2.5" Thickness)	SY	1,740	\$ -	\$ -
32	Concrete Curb & Gutter	LF	665	\$ -	\$ -
33	10' Concrete Sidewalk	SY	710	\$ -	\$ -
34	Traffic Control	LS	1	\$ -	\$ -
TOTAL COST					\$ -

SITE IMPROVEMENTS

ITEM	DESCRIPTION	UNIT	EST/QTY	\$/UNIT	AMOUNT
35	Clearing & Grubbing (Excl. Right-of-Way)	Ac.	15.4	\$ -	\$ -
36	Lot Excavation	C.Y.	10,581	\$ -	\$ -
37	Lot Embankment	C.Y.	18,350	\$ -	\$ -
38	Export Material	C.Y.	2,098	\$ -	\$ -
39	Rock Filter Dam	L.F.	40	\$ -	\$ -
40	Gravel Filter Bags	L.F.	600	\$ -	\$ -
41	Stabilized Construction Entrance/Exit	S.Y.	167	\$ -	\$ -
42	Silt Fence (Site Work Phase)	L.F.	3,750	\$ -	\$ -
43	Silt Fence (Post-Site Work Phase)	L.F.	12,000	\$ -	\$ -
44	Revegetation - Seeding Blanket (Right-of-Way)	S.Y.	7,500	\$ -	\$ -
45	Revegetation (Landscape Buffer)	S.Y.	4,250	\$ -	\$ -
TOTAL COST					\$ -

DRAIN IMPROVEMENTS - DRAIN A

ITEM	DESCRIPTION	UNIT	EST/QTY	\$/UNIT	AMOUNT
46	Concrete Structure (Headwalls)	C.Y.	24	\$ -	\$ -
47	6" Concrete Rip-Rap	S.Y.	155	\$ -	\$ -
48	6" Concrete Pilot Channel	S.Y.	586	\$ -	\$ -
49	4' x 2' SBC	L.F.	145	\$ -	\$ -
50	Concrete Driveway	S.Y.	90	\$ -	\$ -
51	Sidewalk Pipe Railing	EA	18	\$ -	\$ -
52	Revegetation	L.F.	3,300	\$ -	\$ -
TOTAL COST					\$ -

DRAIN IMPROVEMENTS - DRAIN B

ITEM	DESCRIPTION	UNIT	EST/QTY	\$/UNIT	AMOUNT
53	Concrete Structure (Elevated Sidewalk)	C.Y.	11	\$ -	\$ -
54	Concrete Structure (Baffle Blocks)	C.Y.	1	\$ -	\$ -
55	6" Concrete Rip-Rap	S.Y.	45	\$ -	\$ -
56	Sidewalk Pipe Railing	L.F.	28.0	\$ -	\$ -
TOTAL COST					\$ -

DRAIN IMPROVEMENTS - DRAIN C AND DETENTION POND

ITEM	DESCRIPTION	UNIT	EST/QTY	\$/UNIT	AMOUNT
57	6" Concrete Rip-Rap	S.Y.	41	\$ -	\$ -
58	12" RCP	L.F.	96	\$ -	\$ -
59	Revegetation	S.Y.	3,375	\$ -	\$ -
60	Pond Outlet Structure	LS	1	\$ -	\$ -
TOTAL COST					\$ -

STREET IMPROVEMENTS

ITEM	DESCRIPTION	UNIT	EST/QTY	\$/UNIT	AMOUNT
61	Right-of-Way Clearing & Grubbing	Ac.	4.6	\$ -	\$ -
62	Street Excavation	C.Y.	12,518	\$ -	\$ -
63	Street Embankment	C.Y.	3,588	\$ -	\$ -
64	Cement Treated Subgrade (8" Depth)	S.Y.	15,100	\$ -	\$ -
65	Flexible Base (15" Compacted) ~ Local A	S.Y.	15,100	\$ -	\$ -
66	Prime Coat	GAL	2,561	\$ -	\$ -
67	Tack Coat	GAL	1,281	\$ -	\$ -
68	HMAC, Type D (3" Thickness)	S.Y.	12,807	\$ -	\$ -
69	Concrete Curb & Gutter	L.F.	7,520	\$ -	\$ -
70	Concrete Header Curb (< 1,000 LF)	L.F.	90	\$ -	\$ -
71	Tensar TX5 Triaxial Geogrid	S.Y.	15,100	\$ -	\$ -
72	5' Concrete Sidewalks (Developer Resp.)	S.Y.	1,375	\$ -	\$ -
73	ADA Ramps	EA.	29	\$ -	\$ -
74	Timber Guard Posts	EA.	10	\$ -	\$ -
75	OM4-3 End of Road Markers, 18" x18"	EA.	10	\$ -	\$ -
76	R2-1 Speed Limit Sign	EA.	1	\$ -	\$ -
77	R1-1 Stop Sign, 30" x30"	EA.	10	\$ -	\$ -
78	9" Street Name & Block Number	EA.	20	\$ -	\$ -
TOTAL COST					\$ -

SUMMARY:

WATER IMPROVEMENTS	\$	-
SANITARY SEWER IMPROVEMENTS	\$	-
OFFSITE STREET IMPROVEMENTS (LOWER SEGUIN ROAD)	\$	-
SITE IMPROVEMENTS	\$	-
DRAIN IMPROVEMENTS	\$	-
STREET IMPROVEMENTS	\$	-
TOTAL COST	\$	-