

Somersport Park – Somersplash Park Shared Use Trail Project



February 23, 2016

City of Somerset
Somerplash Shared Use Trail
Probable Cost of Construction



Division A: Somersplash to University Dr. (4460 LF of Trail)

Item	Description	Amount	Unit	Unit Cost	Total
1	Sidewalk, 8 ft wide, 4.5" thick, asphalt	945	Ton	\$ 85.00	\$ 80,325.00
2	Driveway Crossing, 8" thick, asphalt	20	Ton	\$ 85.00	\$ 1,700.00
3	Dense Graded Aggregate base (6")	1350	Ton	\$ 35.00	\$ 47,250.00
4	Striping across parking lot	75	LF	\$ 10.00	\$ 750.00
5	New 24" Diameter HDPE Pipe	200	LF	\$ 60.00	\$ 12,000.00
6	Inlet Structure, Type 11	1	Ea.	\$ 3,500.00	\$ 3,500.00
7	Flared Headwall	1	Ea.	\$ 3,000.00	\$ 3,000.00
8	Relocate Guard Rail	1	LS	\$ 15,000.00	\$ 15,000.00
9	Retaining wall	450	SF	\$ 50.00	\$ 22,500.00
10	Signage	1	LS	\$ 2,500.00	\$ 2,500.00
11	Earthwork	1250	CY	\$ 20.00	\$ 25,000.00
12	Construction Cost				\$ 213,525.00

Division B: University Drive from KY 2227 to KY 1247 (2560 LF of Trail)

Item	Description	Amount	Unit	Unit Cost	Total
13	Demolition	1	LS	\$ 15,000.00	\$ 15,000.00
14	Sidewalk, 8 ft wide, 4.5" thick, asphalt	560	Ton	\$ 85.00	\$ 47,600.00
15	Dense Graded Aggregate base (6")	785	Ton	\$ 35.00	\$ 27,475.00
16	Signage	1	LS	\$ 2,500.00	\$ 2,500.00
17	Earthwork	760	CY	\$ 20.00	\$ 15,200.00
18	Construction Total				\$107,775.00

Division C: University Drive (KY 1247 to KY 39, 3500 LF of Trail)

Item	Description	Amount	Unit	Unit Cost	Total
19	Sidewalk, 8 ft wide, 4.5" thick, asphalt	600	Ton	\$ 85.00	\$ 51,000.00
20	Driveway Crossing, 8" thick, asphalt	12	Ton	\$ 85.00	\$ 1,020.00
21	Driveway Crossing, 8" thick, concrete	70	SY	\$ 100.00	\$ 7,000.00
22	Dense Graded Aggregate base (6")	1075	Ton	\$ 35.00	\$ 37,625.00
23	Striping across parking lot and crosswalk	781	LF	\$ 10.00	\$ 7,810.00
24	New 15" Diameter HDPE Pipe	325	LF	\$ 45.00	\$ 14,625.00
25	Inlet Structure, Type 11	2	Ea.	\$ 3,500.00	\$ 7,000.00
26	Flared Headwall	1	Ea.	\$ 3,000.00	\$ 3,000.00
27	Retaining wall	150	SF	\$ 50.00	\$ 7,500.00
28	Signage	1	LS	\$ 2,500.00	\$ 2,500.00
29	Earthwork	1040	CY	\$ 20.00	\$ 20,800.00
30	Construction Cost				\$ 159,880.00

Division D: KY 39 (1050 LF of Trail)

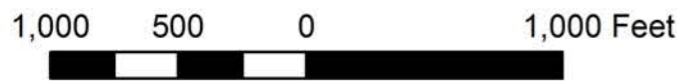
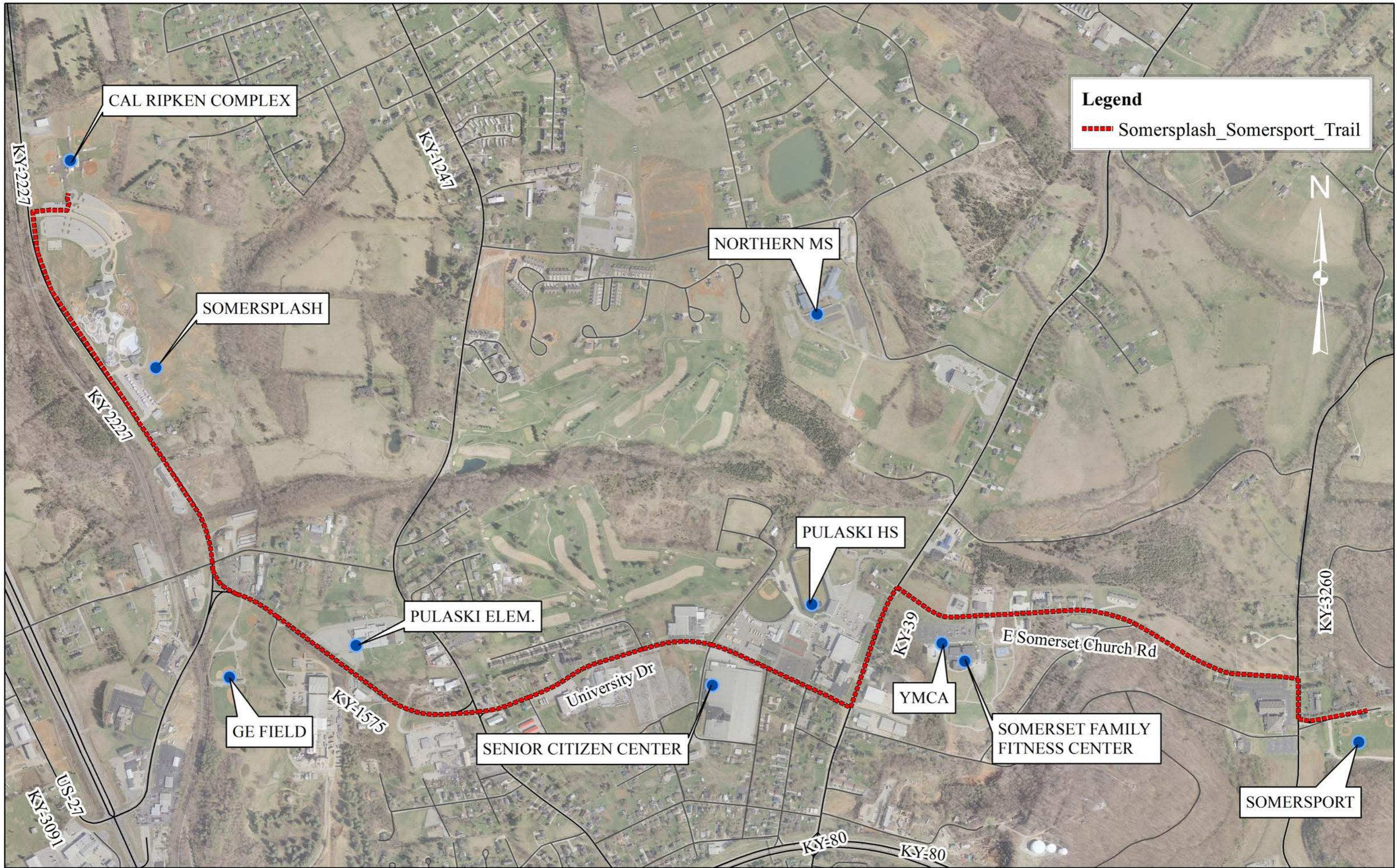
Item	Description	Amount	Unit	Unit Cost	Total
31	Sidewalk, 8 ft wide, 4.5" thick, asphalt	230	SY	\$ 85.00	\$ 19,550.00
32	Dense Graded Aggregate base (6")	325	Ton	\$ 35.00	\$ 11,375.00
33	Striping across parking lot and crosswalk	150	LF	\$ 10.00	\$ 1,500.00
34	Signage	1	LS	\$ 2,500.00	\$ 2,500.00
35	Earthwork	310	CY	\$ 20.00	\$ 6,200.00
36	Construction Cost				\$ 41,125.00

Division E: East Somerset Church Rd (4100 LF of Trail)

Item	Description	Amount	Unit	Unit Cost	Total
37	Sidewalk, 8 ft wide, 4.5" thick, asphalt	900	Ton	\$ 85.00	\$ 76,500.00
38	Driveway Crossing, 8" thick, asphalt	40	Ton	\$ 85.00	\$ 3,400.00
39	Driveway Crossing, 8" thick, concrete	53	SY	\$ 100.00	\$ 5,300.00
40	Dense Graded Aggregate base (6")	1250	Ton	\$ 35.00	\$ 43,750.00
41	Striping across parking lot and crosswalk	150	LF	\$ 10.00	\$ 1,500.00
42	Retaining wall	1550	SF	\$ 50.00	\$ 77,500.00
43	Signage	1	LS	\$ 2,500.00	\$ 2,500.00
44	Earthwork	1215	CY	\$ 20.00	\$ 24,300.00
45	Construction Cost				\$ 234,750.00

Summary of Construction Costs

46	Division A: Somersplash to University Dr.				\$ 213,525.00
47	Division B: University Drive from KY 2227 to KY 1247				\$ 107,775.00
48	Division C: University Drive (KY 1247 to KY 39)				\$ 159,880.00
49	Division D: KY 39				\$ 41,125.00
50	Division E: East Somerset Church Rd				\$ 234,750.00
51	Mobilization/ Demobilization				\$ 25,000.00
52	Erosion Control				\$ 15,000.00
53	Site Resoration				\$ 15,000.00
54	Traffic Maintenance				\$ 25,000.00
55	Total Construction Cost				\$ 837,055.00
56	Utility Relocation				\$ 30,000.00
57	Contingency (10%)				\$ 83,706.00
58	Preliminary Engineering/Design				\$ 100,447.00
59	Construction Engineering/ Inspection				\$ 41,853.00
60	ROW (Project within existing ROW)				0
61	Total Project Amount				\$1,093,061.00



SomerSplash - Somersport Trail

