



Aubrey Davis Park Trail Improvements
 30% Engineer's Opinion of Probable Construction Costs
 May 26, 2022



No.	Spec No.	Description	Quantity	Unit	Unit Cost	Total
Schedule A - Trail Improvements						
A1	1-04	Minor Change	1	EST	\$ 5,000.00	\$ 5,000.00
A2	1-05	Roadway Surveying	1	LS	\$ 5,000.00	\$ 5,000.00
A3	1-05	Record Drawings (Minimum Bid \$3,000)	1	LS	\$ 3,000.00	\$ 3,000.00
A4	1-07	ADA Feature Surveying	1	LS	\$ 5,000.00	\$ 5,000.00
A5	1-07	SPCC Plan	1	LS	\$ 1,000.00	\$ 1,000.00
A6	1-08	Type B Progress Schedule (Minimum Bid \$5,000)	1	LS	\$ 5,000.00	\$ 5,000.00
A7	1-09	Mobilization	1	LS	\$ 35,000.00	\$ 35,000.00
A8	1-10	Project Temporary Traffic Control	1	LS	\$ 10,000.00	\$ 10,000.00
A9	2-01	Clearing and Grubbing	1	LS	\$ 3,000.00	\$ 3,000.00
A10	2-02	Removal of Structures and Obstructions	1	LS	\$ 10,000.00	\$ 10,000.00
A11	2-02	Asphalt Pavement Removal Incl Haul	430	SY	\$ 25.00	\$ 10,750.00
A12	2-02	Cement Conc. Sidewalk Removal Incl Haul	40	SY	\$ 35.00	\$ 1,400.00
A13	2-03	Roadway Excavation Incl. Haul	1	LS	\$ 11,000.00	\$ 11,000.00
A14	4-04	Crushed Surfacing Top Course	160	TON	\$ 55.00	\$ 8,800.00
A15	5-04	HMA Cl 1/2" PG 58H-22	30	TON	\$ 350.00	\$ 10,500.00
A16	8-01	Erosion/Water Pollution Control	1	EST	\$ 5,000.00	\$ 5,000.00
A17	8-02	Topsoil Type A	60	CY	\$ 55.00	\$ 3,300.00
A18	8-02	Wood Chip Mulch	60	CY	\$ 70.00	\$ 4,200.00
A19	8-02	Fine Compost	60	CY	\$ 55.00	\$ 3,300.00
A20	8-02	Seeded Lawn Installation	470	SY	\$ 2.00	\$ 940.00
A21	8-02	PSIPE	1	LS	\$ 2,500.00	\$ 2,500.00
A22	8-12	Temporary Chain Link Fence	350	LF	\$ 4.00	\$ 1,400.00
A23	8-12	Fencing	135	LF	\$ 30.00	\$ 4,050.00
A24	8-14	Cement Concrete Trail	410	SY	\$ 125.00	\$ 51,250.00
A25	8-14	Scored Cement Concrete with Decorative Color Treatment	310	SY	\$ 45.00	\$ 13,950.00
A26	8-14	Colored Surface Pavement Treatment	550	SF	\$ 25.00	\$ 13,750.00
A27	8-21	Permanent Signing	1	LS	\$ 23,650.00	\$ 23,650.00
A28	8-27	Bicycle Corral	1	EA	\$ 1,500.00	\$ 1,500.00
A29	8-28	Bicycle Maintenance Station	1	EA	\$ 2,500.00	\$ 2,500.00
A30	8-30	Waste Receptacle	1	EA	\$ 2,500.00	\$ 2,500.00
A31	8-31	Recycle Receptacle	1	EA	\$ 2,200.00	\$ 2,200.00
A32	8-32	Dog Bag Waste Dispenser	1	EA	\$ 500.00	\$ 500.00
A33	8-33	Seatwall	15	LF	\$ 200.00	\$ 3,000.00
A34	8-35	Trail Information & Wayfinding Marker	1	EA	\$ 6,000.00	\$ 6,000.00
Schedule A Subtotal						\$ 269,940.00
Sales Tax (10.1%)						\$ 27,263.94
Contingency (20%)						\$ 53,988.00
Total Construction Cost Estimate Schedule A						\$ 351,191.94

No.	Spec No.	Description	Quantity	Unit	Unit Cost	Total
Schedule B - Roundabout Improvements						
B1	1-04	Minor Change	1	EST	\$ 5,000.00	\$ 5,000.00
B2	1-05	Roadway Surveying	1	LS	\$ 2,500.00	\$ 2,500.00
B3	1-05	Record Drawings (Minimum Bid \$3,000)	1	LS	\$ 3,000.00	\$ 3,000.00
B4	1-05	ADA Feature Surveying	1	LS	\$ 2,500.00	\$ 2,500.00
B5	1-07	SPCC Plan	1	LS	\$ 1,500.00	\$ 1,500.00
B6	1-08	Type B Progress Schedule (Minimum Bid \$5,000)	1	LS	\$ 5,000.00	\$ 5,000.00
B7	1-09	Mobilization	1	LS	\$ 15,000.00	\$ 15,000.00
B8	1-10	Project Temporary Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
B9	2-01	Clearing and Grubbing	1	LS	\$ 1,000.00	\$ 1,000.00
B10	2-02	Removal of Structures and Obstructions	1	1	\$ 4,000.00	\$ 4,000.00
B11	2-02	Asphalt Pavement Removal Incl Haul	240	SY	\$ 25.00	\$ 6,000.00
B12	2-03	Roadway Excavation Incl. Haul	1	LS	\$ 8,000.00	\$ 8,000.00
B13	4-04	Crushed Surfacing Top Course	50	TON	\$ 55.00	\$ 2,750.00
B14	5-04	HMA CI 1/2" PG 58H-22	20	TON	\$ 350.00	\$ 7,000.00
B15	8-01	Erosion/Water Pollution Control	1	EST	\$ 9,000.00	\$ 9,000.00
B16	8-02	Topsoil Type A	20	CY	\$ 55.00	\$ 1,100.00
B17	8-02	Wood Chip Mulch	20	CY	\$ 70.00	\$ 1,400.00
B18	8-02	Fine Compost	20	CY	\$ 55.00	\$ 1,100.00
B19	8-02	Seeded Lawn Installation	150	SY	\$ 2.00	\$ 300.00
B20	8-02	PSIPE	1	LS	\$ 5,000.00	\$ 5,000.00
B21	8-12	Temporary Chain Link Fence	250	LF	\$ 4.00	\$ 1,000.00
B22	8-14	Cement Concrete Trail	160	SY	\$ 125.00	\$ 20,000.00
B23	8-14	Scored Cement Concrete with Decorative Color Treatment	160	SY	\$ 45.00	\$ 7,200.00
B24	8-14	Colored Surface Pavement Treatment	185	SF	\$ 25.00	\$ 4,625.00
B25	8-21	Permanent Signing	1	LS	\$ 6,000.00	\$ 6,000.00
B26	8-35	Trail Information & Wayfinding Marker	1	EA	\$ 6,000.00	\$ 6,000.00
Schedule B Subtotal						\$ 130,975.00
Sales Tax (10.1%)						\$ 13,228.48
Contingency (20%)						\$ 26,195.00
Total Construction Cost Estimate Schedule B						\$ 170,398.48

No.	Spec No.	Description	Quantity	Unit	Unit Cost	Total
Schedule C - West Mercer Way Improvements						
C1	1-04	Minor Change	1	EST	\$ 5,000.00	\$ 5,000.00
C2	1-05	Roadway Surveying	1	LS	\$ 3,500.00	\$ 3,500.00
C3	1-05	Record Drawings (Minimum Bid \$3,000)	1	LS	\$ 3,000.00	\$ 3,000.00
C4	1-05	ADA Feature Surveying	1	LS	\$ 3,500.00	\$ 3,500.00
C5	1-07	SPCC Plan	1	LS	\$ 1,000.00	\$ 1,000.00
C6	1-08	Type B Progress Schedule (Minimum Bid \$5,000)	1	LS	\$ 5,000.00	\$ 5,000.00
C7	1-09	Mobilization	1	LS	\$ 20,000.00	\$ 20,000.00
C8	1-10	Project Temporary Traffic Control	1	LS	\$ 15,000.00	\$ 15,000.00
C9	2-01	Clearing and Grubbing	1	LS	\$ 1,000.00	\$ 1,000.00
C10	2-02	Removal of Structures and Obstructions	1	LS	\$ 9,000.00	\$ 9,000.00
C11	2-02	Asphalt Pavement Removal Incl Haul	160	SY	\$ 25.00	\$ 4,000.00
C12	2-02	Cement Conc. Sidewalk Removal Incl Haul	190	SY	\$ 35.00	\$ 6,650.00
C13	2-03	Roadway Excavation Incl. Haul	1	LS	\$ 4,000.00	\$ 4,000.00
C14	4-04	Crushed Surfacing Top Course	100	TON	\$ 55.00	\$ 5,500.00
C16	5-04	HMA CI 1/2" PG 58H-22	10	TON	\$ 350.00	\$ 3,500.00
C18	8-01	Erosion/Water Pollution Control	1	EST	\$ 10,000.00	\$ 10,000.00
C19	8-02	Topsoil Type A	20	CY	\$ 55.00	\$ 1,100.00
C20	8-02	Wood Chip Mulch	20	CY	\$ 70.00	\$ 1,400.00
C21	8-02	Fine Compost	20	CY	\$ 55.00	\$ 1,100.00
C22	8-02	Seeded Lawn Installation	140	SY	\$ 2.00	\$ 280.00
C23	8-02	PSIPE	1	LS	\$ 5,000.00	\$ 5,000.00
C24	8-04	Cement Concrete Curb and Gutter	30	LF	\$ 65.00	\$ 1,969.50
C25	8-12	Temporary Chain Link Fence	250	LF	\$ 4.00	\$ 1,000.00
C27	8-14	Cement Concrete Trail	270	SY	\$ 125.00	\$ 33,750.00
C28	8-14	Scored Cement Concrete with Decorative Color Treatment	80	SY	\$ 45.00	\$ 3,600.00
C29	8-14	Cement Concrete Curb Ramp	1	EA	\$ 150.00	\$ 150.00
C30	8-14	Detectable Warning Surface	20	SF	\$ 150.00	\$ 3,000.00
C31	8-14	Colored Surface Pavement Treatment	185	SF	\$ 25.00	\$ 4,625.00
C32	8-21	Permanent Signing	1	LS	\$ 2,590.00	\$ 2,590.00
C33	8-26	Bicycle Rack	1	EA	\$ 2,500.00	\$ 2,500.00
C35	8-28	Bicycle Maintenance Station	1	EA	\$ 1,500.00	\$ 1,500.00
C36	8-30	Waste Receptacle	1	EA	\$ 2,500.00	\$ 2,500.00
C37	8-31	Recycle Receptacle	1	EA	\$ 2,500.00	\$ 2,500.00
C39	8-33	Seatwall	15	LF	\$ 500.00	\$ 7,500.00
C40	8-34	Information Kiosk	1	EA	\$ 25,000.00	\$ 25,000.00
Schedule C Subtotal						\$ 200,714.50
Sales Tax (10.1%)						\$ 20,272.16
Contingency (20%)						\$ 40,142.90
Total Construction Cost Estimate Schedule C						\$ 261,129.56
TOTAL OF ALL SCHEDULES						\$ 782,719.98