

Springfield STP BP16(8)
Toonerville Trail Ext.

Opinion of Probable Construction Costs

source: Unit prices obtained primarily from VTrans IPDweb estimating database. Riparian buffer planting and seed unit prices by TCE landscape architecture team.

Shared-Use Path

Item #	Description	Unit	Quantity	Unit Cost	Cost
201.10	Clearing & Grubbing	LS	1	\$ 5,000	\$ 5,000
201.15	Removing Medium Trees	EA	10	\$ 700	\$ 7,000
203.15	Common Excavation	CY	1,600	\$ 19	\$ 30,400
204.20	Trench Excavation of Earth	CY	140	\$ 26	\$ 3,640
301.35	Subbase of Dense Graded Crushed Stone	CY	1,200	\$ 45	\$ 54,000
404.65	Emulsified Asphalt	CWT	0.1	\$ 350	\$ 35
406.35	Superpave Bituminous Concrete Pavement (PG 58-28)	TON	440	\$ 130	\$ 57,200
406.38	Hand-Placed Bituminous Concrete Material, Drives	TON	2	\$ 100	\$ 200
514.10	Water Repellent, Silane (200 sf/gal)	GAL	0.5	\$ 105	\$ 53
601.2610	15" CPEP(SL)	LF	90	\$ 62	\$ 5,580
601.7010	15" CPEPES	EA	1	\$ 300	\$ 300
604.18	Precast Reinforced Concrete Catch Basin with Cast Iron Grate	EA	4	\$ 5,200	\$ 20,800
604.412	Rehab. Drop Inlets, Catch Basins or Manholes, Class 1	EA	3	\$ 1,400	\$ 4,200
604.55	Cast Iron Cover with Frame	EA	3	\$ 900	\$ 2,700
613.10	Stone Fill, Type I	CY	10	\$ 81	\$ 810
616.21	Vertical Granite Curb	LF	20	\$ 101	\$ 2,020
616.41	Removal of Existing Curb	LF	20	\$ 16	\$ 320
618.10	Portland Cement Concrete Sidewalk, 5 Inch	SY	6	\$ 155	\$ 930
618.30	Detectable Warning Surface	SF	20	\$ 55	\$ 1,100
619.14	Bollards	EA	4	\$ 1,050	\$ 4,200
620.11	Chain Link Fence, 4 Feet	LF	1,800	\$ 40	\$ 72,000
620.12	Chain Link Fence, 6 Feet	LF	1,500	\$ 44	\$ 66,000
620.20	Bracing Assembly for Chain Link Fence, 4 Feet	EA	12	\$ 400	\$ 4,800
620.21	Bracing Assembly for Chain Link Fence, 6 Feet	EA	6	\$ 320	\$ 1,920
620.50	Removing and Resetting Fence	LF	400	\$ 25	\$ 10,000
630.15	Flaggers	HR	80	\$ 40	\$ 3,200
635.11	Mobilization/Demobilization	LS	1	\$ 40,000	\$ 40,000
641.11	Traffic Control, All Inclusive	LS	1	\$ 10,000	\$ 10,000
646.504	Durable Crosswalk Marking, Polyurea	LF	35	\$ 30	\$ 1,050
649..41	Geotextile for Underdrain Trench Lining	SY	5,100	\$ 2	\$ 10,200
651.15	Seed	LB	50	\$ 14	\$ 700
651.18	Fertilizer	LB	100	\$ 5	\$ 500
651.20	Agricultural Limestone	Ton	1	\$ 720	\$ 360
651.35	Topsoil	CY	185	\$ 50	\$ 9,250
653.10	Hay Mulch	TON	1	\$ 980	\$ 980
653.20	Rolled Erosion Control Product, Type I	SY	100	\$ 4	\$ 400
653.41	Inlet Protection Device, Type II	EA	3	\$ 230	\$ 690
653.475	Silt Fence, Type I	LF	3,300	\$ 4	\$ 13,200
653.55	Project Demarcation Fence	LF	6,600	\$ 1.25	\$ 8,250
653.60	Erosion Log	LF	200	\$ 6	\$ 1,200
656.85	Tree Protection	LS	1	\$ 5,000	\$ 5,000
675.20	Traffic Signs, Type A	SF	30	\$ 30	\$ 900

Shared-Use Path

Item #	Description	Unit	Quantity	Unit Cost	Cost
675.341	Square Steel Sign Post and Anchor	LF	120	\$ 20	\$ 2,400
900.645	Special Provision (Relocate LP Gas Tanks)	LS	1	\$ 6,000	\$ 6,000
				Subtotal	\$ 469,488

Riparian Buffer Plantings

Item #	Description	Unit	Quantity	Unit Cost	Cost
651.18	Fertilizer	LB	200	\$ 5	\$ 1,000
651.20	Agricultural Limestone	Ton	1	\$ 720	\$ 720
651.35	Topsoil	CY	90	\$ 50	\$ 4,500
653.10	Hay Mulch	TON	1	\$ 980	\$ 980
656.20	Evergreen Trees	EA	13	\$ 150	\$ 1,950
656.30	Deciduous Trees	EA	151	\$ 400	\$ 60,400
656.35	Deciduous Shrubs	EA	148	\$ 100	\$ 14,800
656.65	Landscape Watering	MGAL	10	\$ 100	\$ 1,000
656.80	Landscape Backfill, Truck Measurement	CY	270	\$ 80	\$ 21,600
900.608	Special Provision (Bark Mulch)	CY	80	\$ 40	\$ 3,200
900.635	Special Provision (Herbaceous Plant Seed)	LB	50	\$ 120	\$ 6,000
900.635	Special Provision (Verge Plant Seed)	LB	40	\$ 12	\$ 480
900.675	Special Provision (Decompact and Amend Soil)	SY	3,400	\$ 10	\$ 34,000
				Subtotal	\$ 150,630
				Total	\$ 620,118

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