

Future Neighborhood Park in Lyttonsville Preliminary Cost Estimate

	Total Cost
Site Preparation and Demolition	\$175,000
Mobilization including Construction Stakeout, Project Identification Sign, Site Closure Signs, Inspections/Testing, general conditions, etc. (10% of Construction Cost)	\$121,000
Maintenance of Traffic including Signage, Barriers, Flaggers, etc. at entrance	\$3,000
Root Prune Trench	\$3,000
Tree Protection with Signage	\$3,000
Root Aeration Matting	\$1,000
Test Pitting Existing Utilities (contingency)	\$3,000
Onsite Concrete Washout Structure	\$5,000
Temporary 6' Tall Chain-Link Fencing	\$13,000
Clearing, Grubbing (including tree and stump removal) and pruning as necessary of overhanging limbs above LOD	\$5,000
As-built Drawings (all required as-builts, DPS, WSSC, M-NCPPC)	\$8,000
Electronic Submission of submittals, certifications, testing, O&M Manuals, etc.	\$10,000
Grading and Earthwork	\$24,000
Earthwork (import of suitable fill across entire site to finished grade)	\$18,000
Unsuitable material removal and replacement with RC-6 (Contingency) including disposal of unanticipated unsuitable materials including soil, stone, and building materials	\$6,000
Stormwater Management & Drainage	\$181,000
Stabilized Construction Entrance	\$4,000
Super Silt Fence	\$14,000
Inlet Protection (at-grade, curb inlet, standard)	\$4,000
8" HDPE Pipe (including all fittings, bends, adpters)	\$24,000
12" HDPE Pipe (including all fittings, bends, adpters)	\$20,000
18" HDPE Pipe (including all fittings, bends, adpters)	\$6,000
MCDOT 48" Manhole	\$5,000
Nyoplast Drain Basin	\$28,000
Rip-Rap	\$1,000
Micro-Bioretenion Facility #1 (planter box) - including structural walls, stone, observation well, clean out, filter cloth, media, underdrain and sand, complete in place	\$50,000
Micro-Bioretenion Facility #2 - including stone, observation well, clean out, filter cloth, media, underdrain and sand, complete in place	\$25,000
Structures	\$544,000
Bridge Monument (relocation, installation, and restoration)	\$400,000
Stairs (including handrails, nosing, treads)	\$10,000
ADA Ramps (including handrails)	\$15,000

Ornamental Fencing	\$14,000
Concrete Retaining Walls (Amphitheater)	\$25,000
Concrete Seat Wall	\$10,000
Skate Spot	\$20,000
Public Art/Guardrail at Picnic Area	\$30,000
Train Track Artifact	\$20,000
Paving	\$76,000
5" Concrete walkway, Site Furnishing Pads, and Stair Landings, with Welded Wire Mesh and CR-6 subbase	\$76,000
Park Amenities	\$127,000.00
Trash Receptacle	\$3,000
Picnic Tables	\$15,000
Timber Bench	\$12,000
Bike Rack	\$3,000
Nature Play Area (boulders, logs, playable sculpture)	\$25,000
Nature Play Area Surfacing (EWF)	\$7,000
Drinkning Fountain	\$6,000
Interpretation at Bridge Memorial	\$25,000
Interpretation at Heritage Terrace	\$25,000
Park Signage	\$6,000
Landscaping	\$118,000
Meadow Establishment (0.35 acre)	\$10,000
Micro-Bioretenion Plantings (mulch, pickup, installation, and maintenance)	\$6,000
Trees	\$25,000
Shrubs & Herbaceous Plants	\$6,000
Structural Soil, Preparation for Turf, Sod (Open Play at Lawn)	\$31,000
2-Year Aftercare for trees, 3 year Aftercare for meadow	\$40,000
Utilities	\$80,000
Overhead Electric Transmission Pole Relocation (including temporary bracing and guy wires)	\$40,000
CCT Electrical Conduit For Future Lighting (including conduit and junction boxes)	\$20,000
Water Line for Drinking Fountain	\$20,000
CONSTRUCTION TOTAL	\$1,325,000
Contingency (20%)	\$265,000
Detailed Design & Construction Documentation Professional Services	\$150,000
Staff Chargeback (Design)	\$80,000
Staff Chargeback (Construction)	\$80,000
TOTAL PROJECT COST	\$1,900,000