

**Township of Lawrence  
ENGINEERING DEPARTMENT**

**UNIFORM UNIT PRICES  
BOND ESTIMATES & INSPECTION FEES**

January-14

| DESCRIPTION  | UNIT  | UNIT PRICE |
|--|-------|------------|
| <b><u>I. SITE PREPARATION</u></b>                          |       |            |
| Clearing Site - Brush                                      | AC.   | \$1,000.00 |
| Clearing Site - Woods                                      | AC.   | \$5,000.00 |
| Earthwork, unclassified                                    | CY    | \$5.00     |
| Roadway Excavation, unclassified                           | CY    | \$13.00    |
| Milling  | SY-IN | \$3.00     |
| Rock Excavation, Subsurface Structures                     | CY    | \$50.00    |
| Borrow Excavation  | CY    | \$8.00     |
| Channel Excavation, unclassified                           | CY    | \$6.00     |
| Select Backfill  | CY    | \$13.00    |
| Construct Swales   | LF    | \$4.00     |
| Detention Basin Excavation                                 | CY    | \$5.00     |
| Detention Basin Controlled Fill                            | CY    | \$9.00     |
| Detention Basin Clay Core                                  | CY    | \$15.00    |
| Detention Basin Impervious Liner                           | SF    | \$1.00     |
| <b><u>II. SOIL EROSION CONTROL (Bonded Separately)</u></b> |       |            |
| Hay Bales (in place)                                       | EA    | \$3.00     |
| Inlet Protection   | EA    | \$50.00    |
| Silt Fence   | LF    | \$3.00     |
| Tree Protection Fencing                                    | LF    | \$5.00     |
| Rip-rap  | CY    | \$75.00    |
| Temporary Construction Fence                               | LF    | \$2.50     |
| Gabions  | CY    | \$120.00   |
| Crushed Stone  | TON   | \$15.00    |
| Erosion Control Mat  | SY    | \$2.00     |
| Outlet Structure Protection                                | EA    | \$300.00   |
| Temporary Seed, Fertilizer & Mulch                         | SY    | \$0.75     |
| Stabilize Swales   | LF    | \$2.00     |
| <b><u>III. STORM SEWER</u></b>                             |       |            |
| 15" RC Pipe - Class III                                    | LF    | \$22.00    |
| 18" RC Pipe - Class III                                    | LF    | \$25.00    |
| 21" RC Pipe - Class III                                    | LF    | \$27.00    |
| 24" RC Pipe - Class III                                    | LF    | \$30.00    |
| 27" RC Pipe - Class III                                    | LF    | \$34.00    |
| 30" RC Pipe - Class III                                    | LF    | \$40.00    |
| 36" RC Pipe - Class III                                    | LF    | \$50.00    |
| 42" RC Pipe - Class III                                    | LF    | \$56.00    |
| 48" RC Pipe - Class III                                    | LF    | \$66.00    |
| 54" RC Pipe - Class III                                    | LF    | \$98.00    |
| 60" RC Pipe - Class III                                    | LF    | \$115.00   |
| 72" RC Pipe - Class III                                    | LF    | \$165.00   |

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| 15" RC Pipe - Class V                 | LF   | \$26.00    |
| 18" RC Pipe - Class V                 | LF   | \$29.00    |
| 21" RC Pipe - Class V                 | LF   | \$32.00    |
| 24" RC Pipe - Class V                 | LF   | \$35.00    |
| 27" RC Pipe - Class V                 | LF   | \$40.00    |
| 30" RC Pipe - Class V                 | LF   | \$47.00    |
| 14" x 23" HERCP - Class III           | LF   | \$45.00    |
| 19" x 30" HERCP - Class III           | LF   | \$50.00    |
| 24" x 38" HERCP - Class III           | LF   | \$55.00    |
| 29" x 45" HERCP - Class III           | LF   | \$82.00    |
| 34" x 53" HERCP - Class III           | LF   | \$110.00   |
| 15" Flared End Section                | EA   | \$525.00   |
| 18" Flared End Section                | EA   | \$580.00   |
| 21" Flared End Section                | EA   | \$700.00   |
| 24" Flared End Section                | EA   | \$750.00   |
| 27" Flared End Section                | EA   | \$850.00   |
| 30" Flared End Section                | EA   | \$1,050.00 |
| 36" Flared End Section                | EA   | \$1,260.00 |
| Storm Sewer Manhole, 4' Dia. Base     | EA   | \$1,350.00 |
| Storm Sewer Manhole, 5' Dia. Base     | EA   | \$1,600.00 |
| Storm Sewer Manhole, 6' Dia. Base     | EA   | \$2,200.00 |
| Inlet - Type A                        | EA   | \$1,260.00 |
| Inlet - Type B                        | EA   | \$1,680.00 |
| Inlet - Type E                        | EA   | \$1,785.00 |
| Inlet - Lawn                          | EA   | \$650.00   |
| 4" PVC Underdrain, SDR-35             | LF   | \$20.00    |
| 6" PVC Drain, SDR-35                  | LF   | \$15.00    |
| 8" PVC Drain, SDR-35                  | LF   | \$18.00    |
| 12" PVC Drain, SDR-35                 | LF   | \$20.00    |
| Low Flow Channel, Concrete (4" thick) | SF   | \$4.00     |
| Concrete, Class B (Forms & Steel)     | CY   | \$500.00   |
| Concrete, Class C (No Forms or Steel) | CY   | \$125.00   |
| Outlet Structure                      | EA   | \$5,000.00 |

**IV. PAVING**

|  |     |         |
|--|-----|---------|
| Subbase, Soil Aggreg., Type 5A                   | TON | \$21.00 |
| Bituminous Stabilized Base Course, Stone Mix I-2 | TON | \$75.00 |
| Bituminous Concrete, Type FABC, Stone Mix I-5    | TON | \$80.00 |
| Bituminous Porous Concrete, Type FABC            | TON | \$80.00 |
| Prime Coat (MC-30)                               | GAL | \$2.00  |
| Tack Coat (RS-1)                                 | GAL | \$2.00  |
| Concrete Curb, Class B, 6x8x18                   | LF  | \$20.00 |
| Concrete Curb, Class B, 8x10x20                  | LF  | \$20.00 |

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| Belgian Block Curb                         | LF   | \$20.00    |
| Monolithic Concrete Curb & Gutter, Class B | LF   | \$25.00    |
| Sidewalk, Concrete, 4" Thick, Class B      | SY   | \$45.00    |
| Apron, Concrete, 6" Class B (6x6 ww)       | SY   | \$70.00    |

**V. TRAFFIC CONTROL**

|                          |    |            |
|--------------------------|----|------------|
| Sign, Traffic Control    | EA | \$100.00   |
| Sign, Street             | EA | \$100.00   |
| Light Standards          | EA | \$1,200.00 |
| Bollards                 | EA | \$500.00   |
| Striping                 | LF | \$1.00     |
| Metal Guide Rail         | LF | \$25.00    |
| Breakaway Cable Terminus | EA | \$600.00   |

**VI. SITE WORK**

|                                    |    |            |
|------------------------------------|----|------------|
| Sod                                | SY | \$5.00     |
| Topsoil, 4" thick                  | SY | \$2.50     |
| Fertilizing & Seeding, Type A      | SY | \$1.00     |
| Hay Mulch                          | SY | \$0.35     |
| Wood Chip Mulch                    | SY | \$2.00     |
| Wood Chip Path, 10' width          | LF | \$75.00    |
| Asphalt Path, 10' width            | LF | \$95.00    |
| Porous Asphalt Path, 10' width     | LF | \$105.00   |
| Chain Link Fence, 6' High          | LF | \$14.00    |
| Board on Board Fence, 6' High      | LF | \$13.00    |
| Stockade Fence, 6' High            | LF | \$8.00     |
| Railroad Ties                      | LF | \$5.50     |
| Concrete Dumpster Pad, w/Enclosure | EA | \$2,500.00 |
| Brick/Concrete Pavers              | SY | \$40.00    |
| Interlocking Block Retaining Wall  | SF | \$30.00    |

**VII. MISCELLANEOUS**

|                     |    |          |
|---------------------|----|----------|
| Monuments, concrete | EA | \$150.00 |
| Pins, steel         | EA | \$50.00  |

**VIII. LANDSCAPING**

| BOTANICAL NAME                  | COMMON NAME        | SIZE          |          |
|---------------------------------|--------------------|---------------|----------|
| Abelia grandiflora              | Glossy Abelia      | 18"-24"       | \$73.75  |
| Acer buergeranum                | Trident Maple      | 2 1/2-3" cal. | \$637.50 |
| Acer campestre                  | Hedge Maple        | 2 1/2-3" cal. | \$612.50 |
| Acer ginnala                    | Amur Maple         | 2 1/2-3" cal. | \$437.50 |
| Acer palmatum                   | Japanese Red Maple | 6'-7'         | \$745.00 |
| Acer platanoides 'Crimson King' | Crimson King Maple | 3-3 1/2" cal. | \$549.00 |

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|------------------------------------|----------------------------|--------------------------|
| Acer rubrum 'October Glory'        | October Glory Red Maple    | 3-3 1/2" cal. \$737.50   |
| Acer saccharum                     | Sugar Maple                | 3-3 1/2" cal. \$737.50   |
| Amelanchier canadensis             | Shadblow Serviceberry      | 2-2 1/2" cal. \$437.50   |
| Amelanchier laevis                 | Alleghany Serviceberry     | 2-2 1/2" cal. \$437.00   |
| Aronia arbutifolia brilliantissima | Red Chokeberry             | 2'-3' ft. \$73.75        |
| Azalea 'Delaware Valley'           | Delaware Valley Azalea     | 18"-24" \$65.00          |
| Azalea exbury                      | Exbury Azalea              | 18"-24" \$72.50          |
| Azalea 'Hino-Crimson'              | Hino-Crimson Azalea        | 18"-24" \$65.00          |
| Azalea 'Stewartsonia'              | Stewartsonian Azalea       | 18"-24" \$65.00          |
| Berberis julianae                  | Wintergreen Barberry       | 18"-24" \$45.00          |
| Betula nigra                       | River Birch                | 10'-12' \$487.50         |
| Buxus microphylla var. koreana     | Korean Boxwood             | 18"-24' \$112.50         |
| Buxus sempervirens                 | Common Boxwood             | 18"-24" \$135.00         |
| Carpinus betulus                   | European Hornbeam          | 2-2 1/2" cal. \$587.50   |
| Carpinus caroliniana               | American Hornbeam          | 2 1/2-3" cal. \$1,450.00 |
| Cedrus atlantica glauca            | Blue Atlas Cedar           | 6'-8' \$362.50           |
| Celtis bungeana                    | Bunge Hackberry            | 2 1/2-3" cal. \$1,125.00 |
| Cercidiphyllum japonicum           | Katsura                    | 3-3 1/2" cal. \$787.50   |
| Cercis canadensis                  | Eastern Redbud             | 7'-8' \$362.50           |
| Chamaecyparis obtuse 'Hinoki'      | Hinoki Cypress             | 4'-5' \$562.50           |
| Cladrastis lutea                   | Yellowwood                 | 2-2 1/2" cal. \$434.00   |
| Clethra alnifolia                  | Summersweet                | 15"-18" \$55.00          |
| Cornus alba sibirica               | Siberian Dogwood           | 3'-4' \$72.50            |
| Cornus Rutgers hybrid              | Rutgers hybrid Dogwood     | 8'-10' \$495.00          |
| Cornus kousa                       | Kousa Dogwood              | 2-2 1/2" cal. \$662.50   |
| Cornus stolonifera lutea           | Yellowtwig                 | 3'-4' \$87.50            |
| Cotoneaster apiculata              | Cranberry Cotoneaster      | 12"-18" \$42.50          |
| Cotoneaster salicifolia repens     | Park Carpet Cotoneaster    | 12"-18" \$42.50          |
| Crataegus phaenopyrum              | Washington Hawthorne       | 2 1/2-3" \$587.50        |
| Cryptomeria japonica               | Cryptomeria                | 5'-6' \$350.00           |
| Deutzia gracilis                   | Slender Deutzia            | 18"-24" \$52.50          |
| Euonymus fortunei coloratus        | Purpleleaved Wintercreeper | 2 1/4" pot \$3.50        |
| Euonymus fortunei vegetus          | Bigleaf Wintercreeper      | 18"-24" \$45.00          |
| Fagus atropinicea                  | Copper Beech               | 3-3 1/2" cal. \$1,487.50 |
| Fagus grandifolia                  | American Beech             | 3-3 1/2" cal. \$1,155.00 |
| Fothergilla gardenii               | Dwarf Fothergilla          | 12"-18" \$70.00          |
| Fothergilla major                  | Large Fothergilla          | 12"-18" \$70.00          |
| Fraxinus americana 'Autumn Purple' | Autumn Purple Ash          | 3-3 1/2" cal. \$712.50   |
| Fraxinus lanceolata                | Green Ash                  | 3-3 1/2" cal. \$712.50   |
| Gingko biloba 'Princeton Sentry'   | Princeton Sentry Gingko    | 3-3 1/2" cal. \$1,147.50 |
| Gleditsia triacanthos inermis      | Shademaster Honeylocust    | 3-3 1/2" cal. \$887.50   |
| Hamamelis virginiana               | Witchhazel                 | 4'-5' \$157.00           |
| Hedera helix baltica               | English Ivy                | 2 1/4" pot \$3.50        |

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|-------------------------------------|-----------------------------|---------------|------------|
| Hibiscus syriacus                   | Rose of Sharon              | 18"-24"       | \$67.50    |
| Hydrangea paniculata grandiflora    | PeeGee Hydrangea            | 5'-6'         | \$245.00   |
| Ilex crenata hellerei               | Dwarf Heller Japanese Holly | 18"-24"       | \$67.50    |
| Ilex glabra                         | Inkberry                    | 18"-24"       | \$75.00    |
| Ilex glabra compacta                | Compact Inkberry            | 18"-24"       | \$75.00    |
| Ilex opaca                          | Male American Holly         | 6'-7'         | \$737.50   |
| Ilex opaca (berried)                | Female American Holly       | 6'-7'         | \$737.50   |
| Ilex x Nellie Stevens               | Nellie Stevens Holly        | 5'-6'         | \$362.50   |
| Itea virginica                      | Virginia Sweetspire         | 24"           | \$65.00    |
| Juniperus chinensis glauca hetzi    | Hetz Juniper                | 18"-24"       | \$92.50    |
| Juniperus chinensis pfitz. compacta | Compact Pfitzer Juniper     | 18"-24"       | \$67.50    |
| Juniperus chinensis 'Torulosa'      | Torulosa Juniper            | 4'-5'         | \$187.50   |
| Juniperus conferta                  | Shore Juniper               | 18"-24"       | \$48.75    |
| Juniperus horizontalis 'Bar Harbor' | Bar Harbor Juniper          | 18"-24"       | \$48.75    |
| Juniperus horizontalis plumosa      | Andorra Juniper             | 18"-24"       | \$67.50    |
| Juniperus horizontalis wiltoni      | Blue Rug Juniper            | 18"-24"       | \$48.75    |
| Juniperus parsonii                  | Parsons Juniper             | 18"-24"       | \$47.50    |
| Juniperus sargentii                 | Sargent Juniper             | 15"-18"       | \$36.00    |
| Juniperus virginiana                | Eastern Redcedar            | 5'-6'         | \$262.50   |
| Kalmia latiflora                    | Mountain Laurel             | 15"-18"       | \$72.50    |
| Koelreuteria paniculata             | Golden Rain Tree            | 2-2 1/2" cal. | \$562.50   |
| Leucothoe axillaris                 | Coast Leucothoe             | 18"-24"       | \$50.00    |
| Ligustrum ibolium                   | Ibolium Privet              | 2'-3'         | \$47.50    |
| Liquidambar styraciflua             | Sweetgum                    | 3-3 1/2" cal. | \$1,062.50 |
| Liriodendron tulipifera             | Tuliptree                   | 2-2 1/2" cal. | \$662.50   |
| Magnolia soulangiana                | Saucer Magnolia             | 8'-10'        | \$637.50   |
| Magnolia stellata                   | Star Magnolia               | 6'-8'         | \$450.00   |
| Magnolia virginiana                 | Sweetbay Magnolia           | 6'-8'         | \$375.00   |
| Malus baccata                       | Siberian Crab               | 3-3 1/2" cal. | \$812.50   |
| Malus sargentii                     | Sargent Crab                | 2 1/2-3" cal. | \$412.50   |
| Malus x zumi                        | Zumi Crabapple              | 3-3 1/2" cal. | \$812.50   |
| Metasequoia glyptostroboides        | Dawn Redwood                | 8'-10'        | \$387.50   |
| Myrica pensylvanica                 | Northern Bayberry           | 4'-5'         | \$175.00   |
| Nyssa sylvatica                     | Black Gum                   | 2-2 1/2" cal. | \$662.50   |
| Oxydendrum arboreum                 | Sourwood                    | 6'-8'         | \$525.00   |
| Pachysandra terminalis              | Japanese Spurge             | 2 1/4" pot    | \$2.25     |
| Phellodendron amurense              | Amur Cork Tree              | 3-3 1/2" cal. | \$812.50   |
| Philadelphus coronaris              | Sweet Mockorange            | 18"-24"       | \$67.50    |
| Picea abies                         | Norway Spruce               | 5'-6'         | \$330.00   |
| Picea abies                         | Norway Spruce               | 6'-7'         | \$387.50   |
| Picea omorika                       | Serbian Spruce              | 5'-6'         | \$362.50   |
| Pieris japonica                     | Japanese Andromeda          | 15"-18"       | \$90.00    |
| Pinus nigra                         | Austrian Pine               | 5'-6'         | \$287.50   |

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|----------------------------------|-------------------------------------|---------------|------------|
| Pinus nigra                      | Austrian Pine                       | 6'-8'         | \$375.00   |
| Pinus strobus                    | White Pine                          | 5'-6'         | \$237.50   |
| Pinus strobus                    | White Pine                          | 6'-8'         | \$262.50   |
| Pinus strobus                    | White Pine                          | 8'-10'        | \$387.50   |
| Pinus strobus fastigiata         | Pyramidal White Pine                | 6'-8'         | \$375.00   |
| Pinus thunbergii                 | Japanese Black Pine                 | 5'-6'         | \$337.50   |
| Platanus acerifolia              | London Plane                        | 3-3 1/2" cal. | \$962.50   |
| Platanus occidentalis            | American Sycamore                   | 3-3 1/2" cal. | \$962.50   |
| Potentilla fruticosa             | Bush Cinquefoil                     | 12"-18"       | \$45.00    |
| Prunus accolade                  | Accolade Flowering Cherry           | 2-2 1/2" cal. | \$362.50   |
| Prunus cerasifera 'Thundercloud' | Thundercloud Purpleleaf Flowering P | 2-2 1/2" cal. | \$362.50   |
| Prunus serrulata 'Kwanzan'       | Kwanzan Cherry                      | 2-2 1/2" cal. | \$362.50   |
| Prunus subhirtella pendula       | Weeping Japanese Cherry             | 2-2 1/2" cal. | \$362.50   |
| Pseudotsuga menziesii            | Douglas Fir                         | 5'-6'         | \$322.50   |
| Pseudotsuga menziesii            | Douglas Fir                         | 6'-8'         | \$362.50   |
| Pyracantha 'Fiery Cascade'       | Fiery Cascade Firethorn             | 18"-24"       | \$45.00    |
| Pyrus calleryana 'Aristocrat'    | Aristocrat Pear                     | 3-3 1/2" cal. | \$662.50   |
| Quercus coccinea                 | Scarlet Oak                         | 3-3 1/2" cal. | \$875.00   |
| Quercus marcocarpa               | Bur Oak                             | 3-3 1/2" cal. | \$912.50   |
| Quercus palustris                | Pin Oak                             | 3-3 1/2" cal. | \$737.50   |
| Quercus phellos                  | Willow Oak                          | 3-3 1/2" cal. | \$812.50   |
| Quercus rubrus                   | Red Oak                             | 3-3 1/2" cal. | \$962.50   |
| Rhododendron catawbiense hybrid  | Catawba Rhododendron (hyb.)         | 2'-3'         | \$117.50   |
| Rhododendron maximum roseum      | Rosebay Rhododendron                | 2'-3'         | \$117.50   |
| Salix babylonica                 | Weeping Willow                      | 2 1/2-3" cal. | \$364.00   |
| Sophora japonica                 | Scholartree                         | 3-3 1/2" cal. | \$937.50   |
| Spirea vanhouttei                | Vanhoutte Spirea                    | 3'-4'         | \$128.00   |
| Spirea bumalda 'Anthony Waterer' | Anthony Waterer Spirea              | 18"-24"       | \$50.00    |
| Spirea nipponica 'Snowmound'     | Snowmound Spirea                    | 18"-24"       | \$50.00    |
| Syringa reticulata               | Japanese Tree Lilac                 | 10'-12'       | \$1,150.00 |
| Syringa vulgaris                 | Common Purple Lilac                 | 5'-6'         | \$245.00   |
| Taxus baccata repandens          | English Yew                         | 18"-24"       | \$105.00   |
| Taxus cuspidata densiformis      | Dense Yew                           | 3 1/2'-4'     | \$195.00   |
| Taxus media hicksi               | Hicks Yew                           | 18"-24"       | \$117.50   |
| Thuja occidentalis nigra         | Dark American Arborvitae            | 5'-6'         | \$137.50   |
| Thuja occidentalis nigra         | Dark American Arborvitae            | 6'-7'         | \$200.00   |
| Thuja occidentalis nigra         | Dark American Arborvitae            | 7'-8'         | \$362.50   |
| Tilia cordata 'Greenspire'       | Littleleaf Linden                   | 3-3 1/2" cal. | \$937.50   |
| Tilia tomentosa 'Green Mountain' | Silver Linden                       | 3-3 1/2" cal. | \$937.50   |
| Tsuga canadensis                 | Canadian Hemlock                    | 5'-6'         | \$300.00   |
| Tsuga canadensis                 | Canadian Hemlock                    | 6'-7'         | \$400.00   |
| Ulmus parvifolia                 | Chinese elm                         | 3-3 1/2" cal. | \$687.50   |
| Vaccinium corymbosium            | Highbush Blueberry                  | 2'-3'         | \$67.50    |

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| Viburnum burkwoodi      | Burkwood Viburnum     | 18"-24"       | \$82.50    |
| Viburnum carlesi        | Fragrant Viburnum     | 3'-4'         | \$136.00   |
| Viburnum dentatum       | Arrowwood             | 2'-3'         | \$117.50   |
| Viburnum lantana        | Wayfarintree Viburnum | 3'-4'         | \$87.50    |
| Viburnum pragense       | Prague Viburnum       | 3'-4'         | \$150.00   |
| Viburnum prunifolium    | Blackhaw Viburnum     | 3'-4'         | \$120.00   |
| Viburnum rhytidophyllum | Leatherleaf Viburnum  | 5'-6'         | \$237.50   |
| Viburnum tomentosum     | Doublefile Viburnum   | 5'-6'         | \$237.50   |
| Vinca Minor             | Periwinkle            | 3 1/2" pot    | \$1.25     |
| Weigela florida         | Old Fashioned Weigela | 18"-24"       | \$62.50    |
| Zelkova serrata         | Zelkova               | 3-3 1/2" cal. | \$837.50   |