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### Papers: 2003 Spring & Summer Arboretum and Beautification Projects Update

Buffalo State College

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## 2003 Spring & Summer Arboretum and Beautification Projects Update

Spring is finally here and the campus arboretum is getting ready to blossom. Please try to find time to walk around the campus this spring to enjoy some of Mother natures beauty. There are several proposed campus beautification projects scheduled this spring/summer. There will also be some tree replacements, new tree varieties added, and a few tree removals that will occur.

The following projects are scheduled (pending funding) Some of these projects are part of BSCenery and the campus master plan.

- 1.) Rockwell Hall- (MP no.1a.) south entrance enhancement- Install shrub beds and relocate building sign.
- 2.) Moot Hall- west side-Plant 3 new hardy disease resistant (pink flowering) Robinson Crabapples.
- 3.) Grover Cleveland Hall- (MP no. 7a&b.) north entrance (quad side)- install shrub beds, plant a flowering Autumn Brilliance Serviceberry (Amelanchier x grandiflora) tree, and install new redwood bench.
- 4.) Caudell Hall- (MP no. 9a.) south entrance enhancement- install new perennial and shrub beds. Included is a new redwood bench.
- 5.) Student Union-west entrance (Perry Quad) annual flowerbeds will be installed to enhance approach and shrub beds will be installed along the left side wall area.
- 6.) Upton Quad- (Project no. 03322) a capital project is planned to replace most of the sidewalks to improve safety and drainage. BSCenery will accent the main intersection at Perry and Cassity Halls with Japanese Kwanzon Cherry (Prunus serrula 'Kwanzon') trees, shrubs, and flowers.
- 7.) Science Building- west entrance- following a new ramped sidewalk, the walk and door entrance will be flanked with new shrub beds. New redwood benches will be installed. Also the hedges around this entrance will be removed and replaced with a low growing variety.
- 8.) Rockwell Rd.-(first island from Elmwood Ave)- the Red Oaks are struggling with drought stress in this narrow island. A few are missing from two vehicular accidents. Our plan is to replace these with Ussurian Pear (Pyrus ussuriensis) trees that are salt and drought tolerant. These pears are a new addition to the arboretum and they will put on a great show of white flowers in the spring when entering the campus. The remaining healthy Oaks will be relocated into empty locations on the north side of the street.
- 9.) Rockwell Rd.-west end- two Norway Maples will be planted to replace one that died and the other hit by a vehicle.
- 10.) Lot Y- the Eastern White Pines are not adjusting well. They are not salt tolerant and have been getting severely burned from salt spray. The pines that can be saved will be relocated. They also have been a concern when campus police is patrolling the lot. We plan to replace them with Italian Oak (Quercus frainetto) trees that are a new variety to the arboretum and should adapt very well.

- 11.) Lot X- the large Siberian Elm (one of the original arboretum plantings) at the entrance has gone under some testing. It has a decay problem in the trunk area from an old injury. It has also lost several large limbs from a few ice storms and has become a potential safety issue. We took a few core samples throughout the trunk area to see the extent and percentage of decay versus live tissue. A mechanical formula used for strength calculated that the percentage of decay was located just in one area and had sound wood in about 75% around the cavity. The cavity at first look is very deceiving. There are still a couple trouble spots that still need to be checked in the crown area. By cleaning out the cavity and pruning to minimize the weight load we are hoping that we can enjoy the tree for a few more years.
- 12.) Ketchum Hall- northwest entrance- the large Spruce tree is scheduled for removal. It has cytospora canker, which infects lower branches first, then moves up tree. The tree has been treated several times; however, the infection has spread to about 2/3 of the tree.
- 13.) Ketchum Hall- near Lot B- there is a Sugar Maple that lost its main leader many years ago during a storm. The area of the injury has decayed and hollowed out the heartwood. Even though the tree leafs out nicely, it has become hazardous and should be removed.

Memorial Trees and ID Markers- we are in the process of installing a new style tag that will attach to the tree. The new tags are stainless steel with laser printing. They identify the name of the person in honor or in memory of and the tree variety. Some tags will identify significant specimens. The tags will also assist with locating trees plotted on the arboretum brochure map. The old ID metal stanchion type will be donated to Ecology and Environment, Inc. to use along preservation paths in parks and wetlands.

If anyone has any questions or would like to look over plans, you can contact me at 6652. Also if anyone needs any of the new Arboretum brochures please contact Lisa Krieger at 6651.

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