

## Eagle Glen Perimeter Management Plan- Report to Homeowners Assn Annual Meeting

Question was raised at picnic last year: What is plan for replacing trees along the perimeter of the subdivision? It was decided that we need a long term plan for management of that common area.

- Formed a committee Beautification Committee
- Jennifer Ridgeway had worked with David Vandergriff with UT Ag Extension
  - David Vandergriff Master Arborist, is involved with planning for the City of Knoxville.
  - Spent an hour and a half
  - Recommendations:
    - Hire a certified arborist to help us develop a long term plan for management that we could implement over a period of years.
    - Identified a number of issues: Emphasized that safety had to be our biggest priority
- Obtained 3 estimates for consulting:
  - Did a tree inventory – 162 white pine trees
  - Hired Daniel Laine, Certified Arborist – He did an assessment, provided written report
    - Information from that report, committee’s recommendations taken to the Board
    - Goals in creating a screen:
      - Create privacy
      - Block out road noise
      - Create an attractive landscape
      - Spend money on landscaping that will be installed properly both for the immediate needs of the tree and the future development of the landscape
- Our committee has developed a basic plan with initial recommendations. We need to spend a couple more hours with the arborist fine tuning the plan, work out the details once we know if we will be able to fund it.
- Three Sections:
  - Section 1 –Along Westland - East of Westland Entrance
  - Section 2 - Along Westland - Westland Entrance to Northshore
  - Section 3 - Along Northshore
- Section 2 – Highest priority – Westland Entrance to Northshore
  - During the widening of Westland, road crew cut roots of trees along much of this section right at the base of the trees damaging most of trees in this section.
  - Trees will not survive in the long run, may look ok initially but damage eventually will kill the trees. Recommendation was to take them out as soon as possible.
  - They are at much higher risk of falling in a severe storm or dying and dropping branches on cars or on property
  - Typically fall towards side that has roots intact, so threatening homes that back up to Westland in that section.

- If do fall into Westland could hurt or kill someone
- Even toward entrance where there is still more space, if heavy equipment was parked, compacts soil and suffocates roots.
- Large gaps already exist due to trees dying behind homes in that section
- Section 1 - Westland –East of Westland Entrance
  - There are telephone/cable lines – trees are too close. When they fall, they damage line, during hail storm snapped pole
  - One is leaning now, half way to the line
  - Planted improperly
    - Too close together –
      - Compete with each other for sunlight, grow too tall too fast
      - Roots can only have 2 directions to go, limited toward road- so inadequate root system
      - Twine has become incorporated into the trunk, at least some just put into ground in packaging
      - Branches rub when too close causing damage that makes them more susceptible to decay and insect infestation
- Section 3 – Along Northshore
  - Lines there are power lines
  - We have gaps already, one tree down for a while, others that are dead/dying still standing
  - Same issues as section 1 with spacing

Long term plan:

Stage 1

Section 2 –

- Immediate need.... SAFETY ISSUE - high risk for property damage and injury during storm
- Take down pines from Westland entrance to intersection with Northshore
- Replace with a row of 134 Emerald Arborvitae where space is particularly limited– will form good screen in small amount of space

Basic Recommendations for rest of perimeter:

- Landscape packages- groupings of 4 different types of lower growing trees : holly, juniper, blue atlas cedar (dwarf variety), little gem magnolia suggested
  - Original recommendation from arborist included bushes in front of trees but our committee has taken those out of the proposed plan due to additional cost
- Want different types included so that if disease or insects become a problem in future, they don't hit whole perimeter.
- Broken down into parts, but we want to do the work soon enough so that it doesn't look like we have so many various stages of growth occurring.

Stage 2

Westland Entrance – wrapping around to perimeter along Westland

Stage 3

Continue along Westland

Stage 4

Northshore – to include entire perimeter of subdivision