

**GRAND HAVEN COMMUNITY SYMPOSIUM REGARDING LIVE OAK
STREET TREES, SIDEWALKS, ROADWAYS AD HOMES**

INFRASTRUCTURE QUESTIONS

- ✓ What type of trees would arborists recommend for the limited amount of space between the sidewalks and roads that would not cause damage to resident's property? (X2)
- ✓ What is Dr. Gilman's opinion regarding root pruning and root shaving?
- ✓ What type of sidewalk and/or remedial sidewalk repairs can Dr. Gilman recommend to treat and to prevent and/or deal with Oak Tree root invasion?
- ✓ What types of sidewalks can be retrofitted?
- ✓ What types of materials can Dr. Gilman recommend?
- ✓ Ron Litts, the arborist for Seven Oaks stated that Oaks need "100' X 100'" to thrive. What is Dr. Gilman's comment or opinion on this statement regarding Oak Trees? It would seem that no area within the District is suitable for Oaks. What is Dr. Gilman's recommendation regarding space? There are many Oaks within the District thriving in much less than 100' X 100'. Why is this?
- ✓ What can be done to retard the growth of currently healthy Oaks?
- ✓ Some parcel owners have severely shaped and/or "top hatted" trees to retard growth. How does this affect the Oaks that we have throughout the District? What tree health issues does this cause if any?
- ✓ How much pruning or trimming will an Oak Tree survive?
- ✓ Removing trees aside, how does Dr. Gilman suggest we all address the Oak Tree issues for the next 10-15 years?
- ✓ The Master Plan Development (MPD) and/or the DRI call for street trees to form a canopy over the street. What species of trees besides Live Oaks can form such a canopy?
- ✓ Thousands of mature Live Oaks exist throughout the District, what can be done to minimize infrastructure damage without changing the CC&R'S?

What is a cost estimate to remove a Live Oak in Grand Haven?

Does that cost change for removing 3000 trees?

Can any costs be recovered for selling the trees for lumber or firewood?

What would be the cost of a new species replacing the Oak?

✓ What role has tree roots or tree weight played in the required repairs of storm water drain pipes on utility easements within Grand Haven?

✓ In regard to the replacement of sidewalk panels on CDD property, once properly repaired, how often has it been necessary to replace the same panel?

✓ Historically, what is the incidence of street tree root damage to buried utilities on CDD property?

✓ What is the incidence of street tree root damage to drain lines, utility lines and foundations on residential property?

✓ Do trees have an effect upon energy usage on a residential setting?

✓ Do trees have any impact upon the sales appeal and value of a residential property?

✓ What would happen if everyone removed either the street Oaks and or sidewalks? Currently very few people even walk on the sidewalks due to irregular height of the sections or low trees. Cars are parked in the driveways and prohibit you from staying on the sidewalks. We prefer the removal of sidewalks.

✓ On all arborist and tree study web sites, the trees to avoid planting near concrete are Oaks, Ash, Locusts, Boxelders, silver Maples, and Sycamores because they cause a disproportionate amount of damage and tend to grow quickly and have aggressive spreading root systems which can and will damage property. Knowing this to be a fact, why would a landscaper and developer plant these trees six inches from the sidewalk?

✓ In your expert opinion, would it be unreasonable for a homeowner to replace a tree, which causes constant sidewalk, driveway and potential infrastructure damage, with a less intrusive tree approved by the HOA and ADC at the homeowner's expense?

✓ Mention is made of the increased property values and sales appeal of the Live Oak street trees. My question is shouldn't consideration be given to the possibility of decreased property value or buyers looking for greater discounts because of the expected repair costs *

✓ I have heard from some original residents (circa 1999-2001) that both ITT and LandMar were told by many residents at multiple quarterly meetings of the then developer run Board that Oak Trees were being planted too close to infrastructure. Does anyone remember why the developer(s) ignored these resident comments and have put us in the situation we face today?