



THIRD STREET REHABILITATION INFORMATION ON STREET TREES

How many trees are removed and planted as part of the Third Street project?

The recommended project removes 24 trees. The project's arborist found many of these trees to be in poor condition. The project proposes to plant up to 50 new street trees including *Koelreuteria Paniculata*, *Chitalpa Tashkentensis*, *Platanus x acerifolia*, *Quercus suber* and *Pistacia Chinesis* examples are shown below. These trees will be properly planted and irrigated to ensure they reach maturity. In addition, these trees are both drought tolerant and adaptive to a warming climate.

Are trees being removed in the median along Second Street?

Yes, two trees between West and East Streets including a London plane and English elm as well as a maple east of East Street will be removed. As determined by the arborist, the London plane and English elm are in good condition while the maple is in fair condition. In order to provide the cycle track, on street parking, sidewalk, and maintain the vehicle lanes, the median must be shifted to the north, which requires the trees removal. However, the project proposes to plant new trees within the median increasing the overall number of trees along Second Street.

How effective will the new trees be as sequestering carbon dioxide?

The trees will be properly planted and irrigated to ensure they develop healthy root systems and are free from disease. This will allow them to reach maturity ensuring that they capture and store the maximum amount of carbon from the atmosphere. Based upon the i-Tree Planting Calculator developed by the California Urban Forest Council, Urban Ecos, and Cal Fire, these trees will sequester over 1.5 million pounds of carbon over a 50 year period.



**KOELREUTERIA PANICULATA
GOLDENRAIN TREE**



**CHITALPA TASHKENTENSIS
CHITALPA**



**PLATANUS X ACERIFOLIA
LONDON PLANE**



**QUERCUS SUBER
CORK OAK**



**PISTACIA CHINENSIS
CHINESE PISTACHE**