ATTACHMENT

Joann Street Bike Trail Proposed Plant Palette		
Botanical Name	**Common Name**	**Color / Remarks**
Trees:		
Lagerstroemia 'Catawba'	Crepe Myrtle	Red Flowers
Platinus acerifolia 'Bloodgood'	Sycamore	There are some existing
Shrubs:		
Hemerocallis 'Gertrude Condon'	Yellow Daylily	with 200+ blooming days per year
Hemerocallis 'Plum Perfect'	Plum Daylily	with 200+ blooming days per year
Accents:		
Pennisetum 'little bunny'	Dwarf Fountain Grass	Green Grass
Pennisetum 'Cupreum Compactum'	Dwarf Red Fountain Grass	Red grass
Dietes	Fortnight Lily	Yellow flower
Phormium tenax 'Sundowner'	New Zealand Flax (Dwarf)	Red blades
Groundcover:		
Carex pansea	Sedge Grass	Green Grass
Rosa 'Flower Carpet Coral'	Coral Flower Carpet Rose	Coral Flower
Trachelospermun jasminoides	Star Jasmine	White Flower
Tulbaghis 'Silver Lace'	Silver Society Garlic	Blue Flower
Vines:		
Dalechampia dioscoreifolia	Butterfly vine	Purple

ATTACHMENT

CITY OF COSTA MESA
Interoffice Memorandum

TO: Bart Mejia, Parks Project Manager

FROM: Dean Rodia, Senior Maintenance Supervisor

DATE: February 14, 2008

SUBJECT: Joann Street Bike Trail – Tree Survey

On Wednesday, February 13, 2008, I surveyed all of the trees growing within and adjacent to the fences boundaries, between Placentia Avenue and Harbor Boulevard, along the Joann Street Bike Trail. I also surveyed the trees growing on the west side of Harbor Boulevard, along the Joann Street Bike Trail.

There are a total of (3) three trees growing in the area and (15) fifteen trees growing through or up against the fence, just outside the area along the Joann Street Bike Trail, between Placentia Avenue and Harbor Boulevard. All (18) eighteen of these trees have been identified as nuisance tree species or a volunteer species by the City. All of the trees are growing directly below Southern California Edison Company primary transmission lines. All of the trees have the potential to grow into the lines at which time Edison will top the trees. Topping of trees is not an acceptable practice within the tree care industry. It creates stress in the plant and causes it to draw from stored nutrient supplies within the plant. In some cases this may result in die back of branches and in some cases may prove to be fatal to the tree. As the trees grow and the trunk diameters expand, they will contact the fence and begin pushing on and eventually damage the new fencing.

There are a total of 75 trees growing on the west side of Harbor Boulevard, along the Joann Street Bike Trail. There are 29 *Platanus acerifolia*, London Planetree (Bloodgood) and 46 *Myoporaceae*, Myoporum. Over the last five years these trees have been declining due to environmental impacts, seasonal changes and drought conditions. The London Planetree's canopy recovery (leaf growth) covers approximately 30 – 40 percent of the total canopy structure and is declining each year. The tree structures are becoming weak with considerable amounts of branch die back. There are signs of surface decay along the trunk and outer bark areas.

The Myoporum's canopy recovery (leaf growth) covers approximately 15 – 20 percent of the total canopy structure and is declining each year. The Myoporum is generally used as a hedge or screening material in the landscape. In some application it can be used as a tree. These Myoporums have been trimmed and maintained in a tree like structure for pedestrian access and visual security along the bike trail. There structures are becoming weak with considerable amounts of branch die back and trunk decay.

Based on the above information, tree species and the general health of the trees, I recommend removal of the trees prior to the installation of the fencing.

ATTACHMENT

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EXHIBIT E

Landscape Improvements for Parkways and Neighborhood Entryways

Priority List

Parkways

Rank	Project No.	Street Name	Limits	Est. Cost (*)
1	13	Adams Avenue	Santa Ana River to Mesa Verde East	$384,000
2	3	Harbor Boulevard	I-405 to 19th Street	$552,000
3	5	Newport Boulevard	19th Street to Rochester on east side of street	$541,000
4	2	Harbor Boulevard	Between Fair Drive and Wilson on west side of street adjacent to the Costa Mesa Golf and Country Club	$207,000
5	7	Newport Boulevard	Southbound from Bristol Street to Wilson Street	$345,000
6	1	Placentia Avenue	Adams Avenue south to Swan Circle	$172,000
7	4	Newport Boulevard	Industrial Avenue to 17th Street on east side of street	$64,000
8	6	Newport Boulevard	Northbound from Del Mar Avenue to Bristol Street	$290,000
9	10	Bear Street	St. Clair to flood control channel	$111,000
11	11	Arlington Avenue	adjacent to Bark Park	$104,000
12	14	Gisler Avenue	California Avenue to Santa Ana River	$173,000
			Total:	**$2,943,000**

Neighborhood Entryways

1	18	Adams Avenue	At Mesa Verde West and at Shantar Drive	$36,000
2	15	Fairview Road	At McCormack Lane (entry into Hall of Fame Tract)	$75,000
3	16	Fairview Road	At Adams Avenue (entry into Del Mar Tract)	$87,000
4	17	Loren Lane	At Baker Street (median)	$12,000
5	19	California Street	at flood control channel	$12,000
6	20	Monument Sign at Tanager Drive	and Golf Course Drive	Work by Golf Course Contractor
			Total:	**$222,000**

(*) Estimates are based on 2004 values and include contingencies and construction engineering costs

Locations Completed by City Staff

1	9	Paularino Avenue	Manistee Drive to Ludington Street	Work complete
2	8	Del Mar Avenue	Northwest corner of Elden Avenue	Work complete
3	12	Arlington Avenue	Adjacent to Costa Mesa High School	Work complete

Ranking Criteria:

Parkways

1. *City entryways*
2. *Arterials with highest ADT*
3. *Cost*

Neighborhood Entryways:

1. *Arterials with highest ADT first*
2. *Size of tract being served*
3. *Cost*