



PARKS AND RECREATION COMMISSION AGENDA REPORT

MEETING DATE: APRIL 28, 2016

ITEM NUMBER: **9c**

SUBJECT: PROPOSED LANDSCAPE PALETTE FOR ARLINGTON DRIVE

DATE: APRIL 15, 2016

FROM: PUBLIC SERVICES DEPARTMENT/ENGINEERING DIVISION

PRESENTATION BY: BALTAZAR MEJIA, ACTING CITY ENGINEER

FOR FURTHER INFORMATION CONTACT: BALTAZAR MEJIA, (714) 754-5335

RECOMMENDATION:

Approve a plant palette for the proposed landscape improvements along the south side of Arlington Drive between Fairview Road and Newport Boulevard.

BACKGROUND:

The existing drainage swale and planting along the south side of Arlington Drive between Fairview Road and Newport Boulevard are deteriorated and not functioning at full capacity. The Arlington Drive Bioswale and Dry Weather Diversion Project will construct roadway improvements, a new color concrete multipurpose trail, underground storm drain system, a vegetated bioswale and roadside beautification (Attachment 1).

ANALYSIS:

A public meeting was held on Thursday, January 21, 2016 to discuss the proposed improvements to Arlington Drive. Over 750 notices were mailed to neighboring residents, schools and businesses in the surrounding area. A copy of the notice was also posted on the City's website. Approximately 15 people attended the meeting and provided input. The City's consultant and staff presented the scope of the project at the public meeting and based on the comments gathered, the attached plant palette (Attachment 2) is being submitted for approval.

The bioswale drainage system will be landscaped with drought tolerant plant material to provide erosion control and pollutant filtration. Boulders will be placed along the bioswale to give the natural appearance of a stream bed. The buffering and screening tree and plant material used will be California native and drought tolerant.

The proposed landscape watering system utilizes new, state-of-the-art drip irrigation and bubblers. It is designed to deliver the required amount of water to specific plant species using locally recycled resources.

ALTERNATIVES CONSIDERED:

No alternatives were considered for this item.

FISCAL REVIEW:

Public Services staff captured a \$1.69 million dollar grant from OCTA for this project. The OC Fair and Event Center Board agreed to contribute \$1 million dollar towards the project and the City has set aside \$910,000.00 through the adopted FY 2014-2015 Budget.

LEGAL REVIEW:

There is no legal review required for this item.

CONCLUSION:

Staff recommend that the Commission approve the plant palette for the south side of Arlington Drive between Fairview Road and Newport Boulevard.



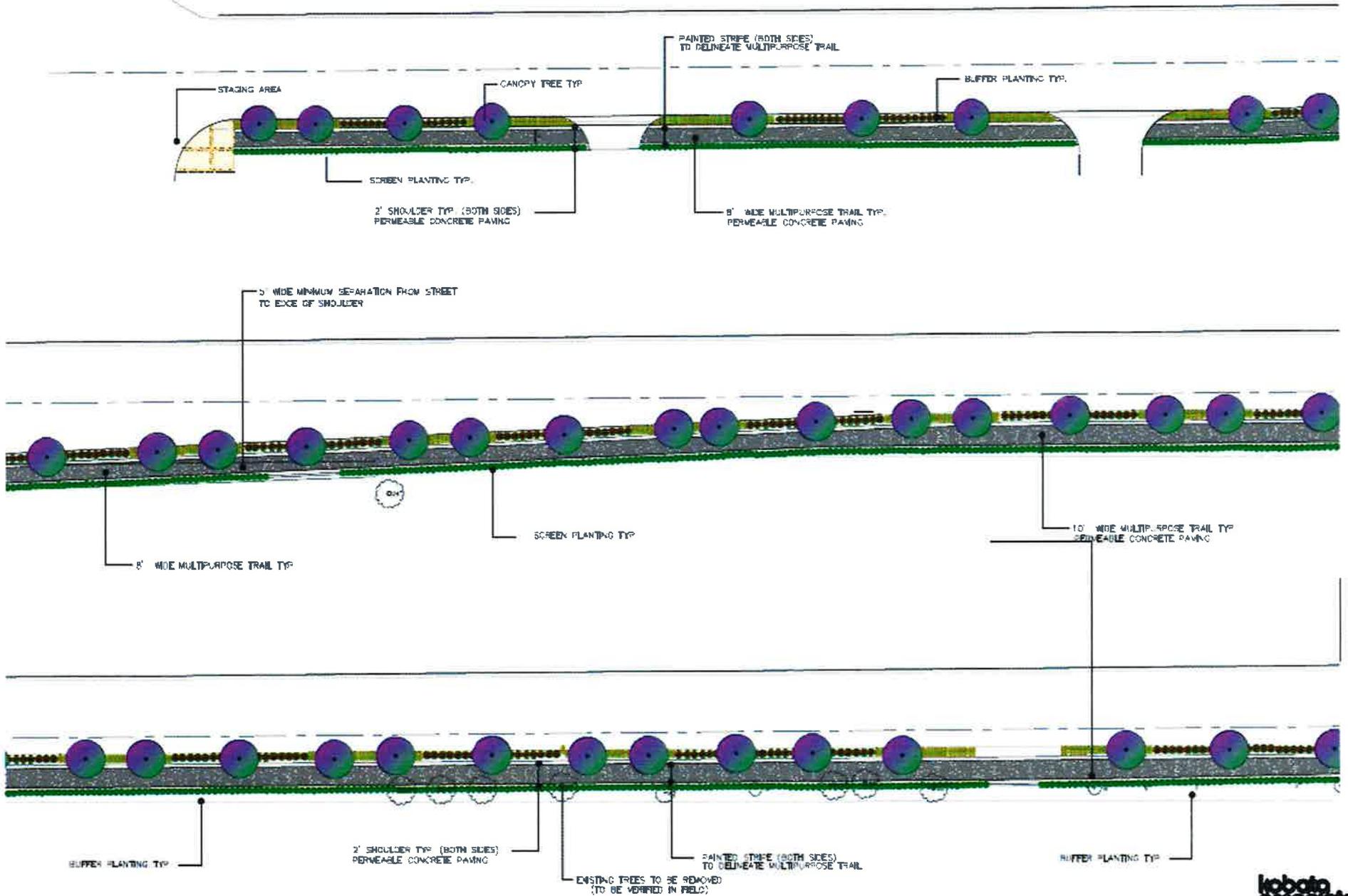
ERNESTO MUNOZ
Public Services Director



BALTAZAR MEJIA
Acting City Engineer

Attachments: 1 - Landscaping Plan for Arlington Drive
 2 - Plant Palette for Arlington Drive

Distribution: Chief Executive Officer
 Assistant Chief Executive Officer
 Staff
 File



ARLINGTON DRIVE PRELIMINARY LANDSCAPE PLAN

COSTA MESA, CA 92626

OWNER CITY OF COSTA MESA

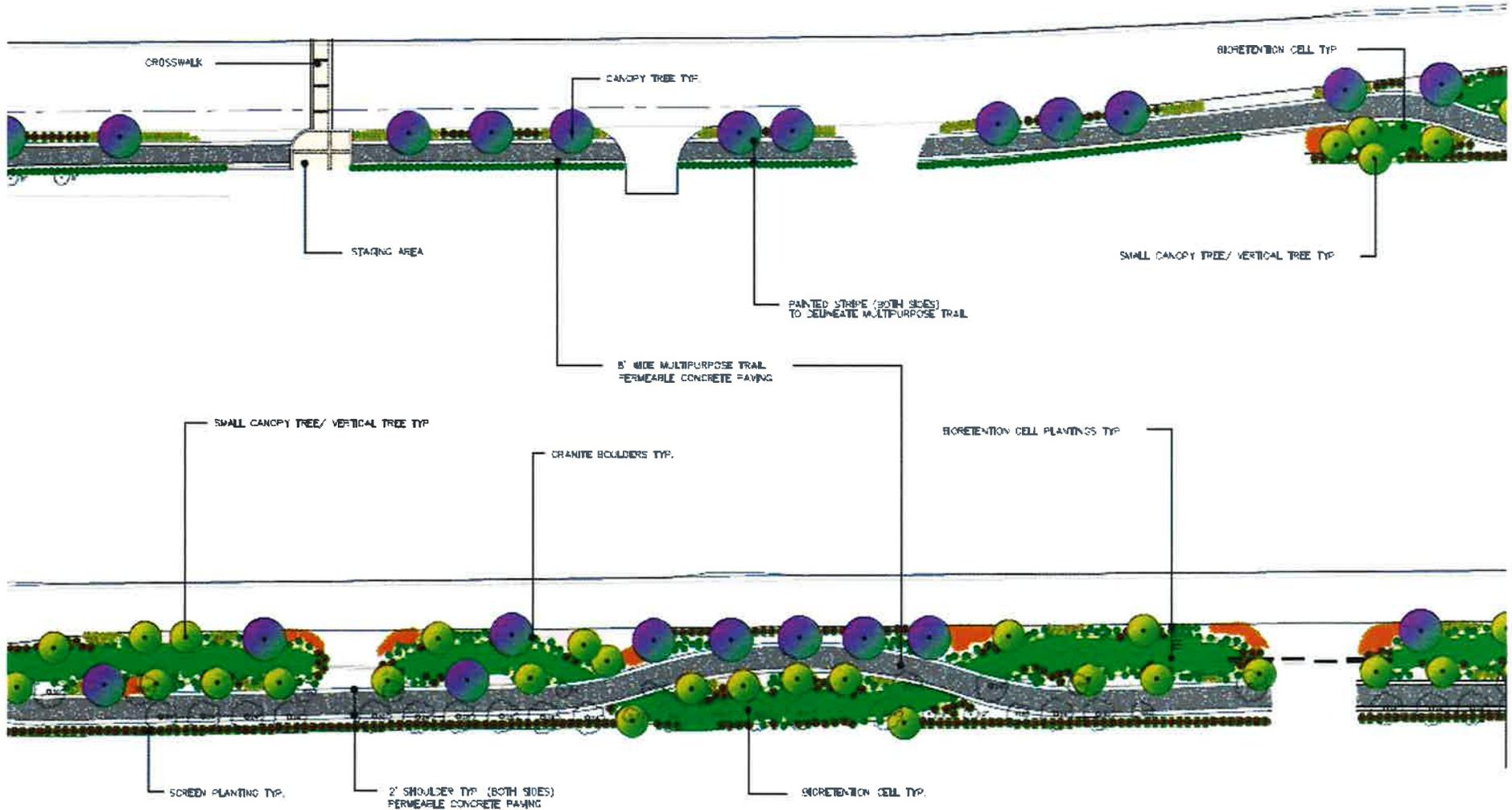
ENGINEERING FIRM KABBARA ENGINEERING

FEBRUARY 2010



lobato
architects
 LANDSCAPE ARCHITECTURE
 1188 R. South Street, Suite 201
 Anaheim, California 92701
 PHONE: 714.850.1924
 FAX: 714.850.1921
 EMAIL: info@lobatoarch.com

ATTACHMENT 1



TREES

- CERCIS OCCIDENTALIS
- CHLOROPHYTUM LINEARE
- CEROLEUM FLORIDUM
- PLATANUS RACEMOSA
- QUERCUS SPP.

SCREENING PLANT MATERIAL

- ABELIA GRANDIFLORA
- BLEADINGS PUNGENS
- LIG. STRUM TEXANUM
- PHOTINIA FRASERI
- PITTIOSPORUM SPP.
- PRUNUS CAROLINIANA
- PITTIOSPORUM SPP.

BUFFER PLANT MATERIAL

- ANEOZANTHOS FLAVIDUS
- CARISSA G. 'BOKWOOD BEAUTY'
- DIANELLA SPP.
- FLOWER CARPET GROUND COVER ROSE
- HEMEROCALLIS HYBRIDA
- PITTIOSPORUM SPP.
- RAMBOLDIA SPP.

BIoretention CELL PLANT MATERIAL

- ARCTOSTAPHYLOS SPP.
- DIANTHUS SPP.
- CAREX PRAEGRACILIS/CALIF. FLEET SEDGE
- CAREX SENTA/ROUGH SEDGE
- OESCHAMPSIA CESPITOSA 'SUSAN'S CHOICE/TUFFED HAIR GRASS
- DIANELLA SPP.
- EQUISETUM SEMPIDIOS/DWARF HORSETAIL REED
- LOWLANDIA LONGIFOLIA 'NYLLA'/MAT RUSH
- MULLENBERGIA CAPILLARIS 'REGAL MIST'/PINK MUILY
- NASSELL TENUISSIMA/MEXICAN FEATHER GRASS
- PENNISETUM SETACEUM 'RED HIND HODD'/RED FOUNTAIN GRASS
- SURPUS GENUS/LOW BURUSH

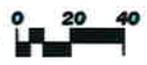
ARLINGTON DRIVE PRELIMINARY LANDSCAPE PLAN

COSTA MESA, CA 92626

CITY OF COSTA MESA

ENGINEERING FIRM **KABBARA ENGINEERING**

PLANSHEET 2018



lobato
associates
LANDSCAPE ARCHITECTURE
11000 E. South Street, Suite 201
Anaheim, California 92814
PHONE: 714.834.1024 FAX: 714.834.1024
www.lobatoassociates.com

SCREENING PLANT MATERIAL

Abelia x grandiflora
Glossy Abelia



Elaeagnus pungens
Thorny Olive



Ligustrum japonicum
"Texanum"
Waxleaf Privet



Photinia x fraseri
Fraser's Photinia



Pittosporum tenuifolium
"Silver Sheen"
Silver Sheen Kohuhu



Prunus carpiniana
Cherry Laurel



TREES

Platanus racemosa
California Sycamore



Chiospis linearis
Desert Willow



BUFFER PLANT MATERIAL

Anigozanthos flavus
Evergreen Kangaroo Paw



Carissa macrocarpa
"Boxwood Beauty"
Natal Plum



Dianella spp.
Flax Lily



Rosa
Flower Carpet Ground
Cover Roses



Hemerocallis hybrid
Daylily



Pittosporum tenuifolium
"Golf Ball"
Golf Ball Kohuhu



Rhaetolepis spp.
India Hawthorn



BOULDERS

Sierra Select

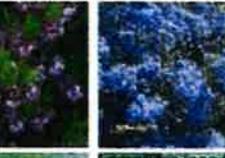


BIORETENTION CELL PLANT MATERIAL

Arctostaphylos spp.
Manzanitas



Ceanothus spp.
California Lilacs



Carex praegracilis
California Field Sedge



Carex senta
Rough Sedge



Deschampsia cespitosa
"Susan's Choice"
Tufted Hair Grass



Dianella spp.
Flax Lily



Scirpus complanatus
Low Bullrush



ARLINGTON DRIVE PLANT MATERIAL