PARKS AND RECREATION COMMISSION AGENDA REPORT

MEETING DATE: MAY 22, 2014 **ITEM NUMBER: ____**

SUBJECT: EAST 19TH STREET LANDSCAPE PLANS AND MONUMENT SIGN

DATE: MAY 9, 2014

FROM: PUBLIC SERVICES DEPARTMENT - TRANSPORTATION SERVICES DIVISION

PRESENTATION BY: RAJA SETHURAMAN, MANAGER, TRANSPORTATION SERVICES

FOR FURTHER INFORMATION CONTACT: RAJA SETHURAMAN, MANAGER, TRANSPORTATION SERVICES DIVISION, (714) 754-5343

RECOMMENDATION:

1) Approve the conceptual design for the East 19th Street Landscape Plans (Attachment 1).
2) Approve the conceptual design of the proposed monument sign (Attachment 2) for the Eastside Costa Mesa neighborhood.

BACKGROUND:

On August 6, 2013, the City Council awarded a contract to CivilSource, Inc. to prepare design plans for traffic calming improvements along East 19th Street between Newport Boulevard and Irvine Avenue. The East 19th Street Improvement project includes implementation of chokers and medians at intersections along East 19th Street. Additionally, new entry monument signs are proposed at both ends of East 19th Street, at Fullerton Avenue and Irvine Avenue, to enhance the identification of the "Eastside" Costa Mesa neighborhood. The goal of the proposed design is to reduce speeding and emphasize the residential neighborhood character of East 19th Street.

ANALYSIS:

Landscape architectural firm Nuvis, a subconsultant to CivilSource, Inc., prepared conceptual landscape plans for the East 19th Street project. The next step is to obtain approval of the proposed conceptual landscape plans in order to start the final design phase which includes development of construction documents.

Staff and the consultant team (Nuvis and CivilSource) held two (2) community outreach meetings on January 29, 2014 and April 30, 2014. The presentations for the two meetings are provided in Attachments 3 and 4, respectively. The objective of the first community meeting was to introduce the project and gather input from the residents regarding the proposed design of the traffic calming measures. The objective of the second community meeting was to address comments from the first meeting, and to obtain additional feedback from the community on the proposed landscape plans and monument sign concepts. The conceptual landscape plans and monument sign alternatives were presented in the form of visual (street view) simulations (Attachment 5).

The proposed conceptual landscape plans have been reviewed by Maintenance staff. These plans conform to the existing landscaping along East 19th Street, and the proposed landscaping would help enhance the visual aesthetics of the neighborhood. The monuments signs were developed by the consultant in coordination with staff and presented to the public in the

community meetings. The majority of the community members prefer a traditional monument sign similar to Alternatives 1 and 3 in Attachment 2. According to resident comments, this type of sign would be consistent with the overall character of the neighborhood. Additional design concepts for the monument sign may be presented for further consideration at the meeting.

ALTERNATIVES CONSIDERED:

No alternatives were considered for this item.

FISCAL REVIEW:

The City of Costa Mesa has secured Safe Routes to School Federal grant funding in the amount of $85,000 toward the design and $770,900 toward the construction of traffic calming improvements along East 19th Street between Newport Boulevard and Irvine Avenue. The grant funds were recognized in the Fiscal Year 2012-13 budget. Air Quality Management District funds will be utilized for the balance of funds necessary for engineering design.

LEGAL REVIEW:

There is no legal review required for this item.

CONCLUSION:

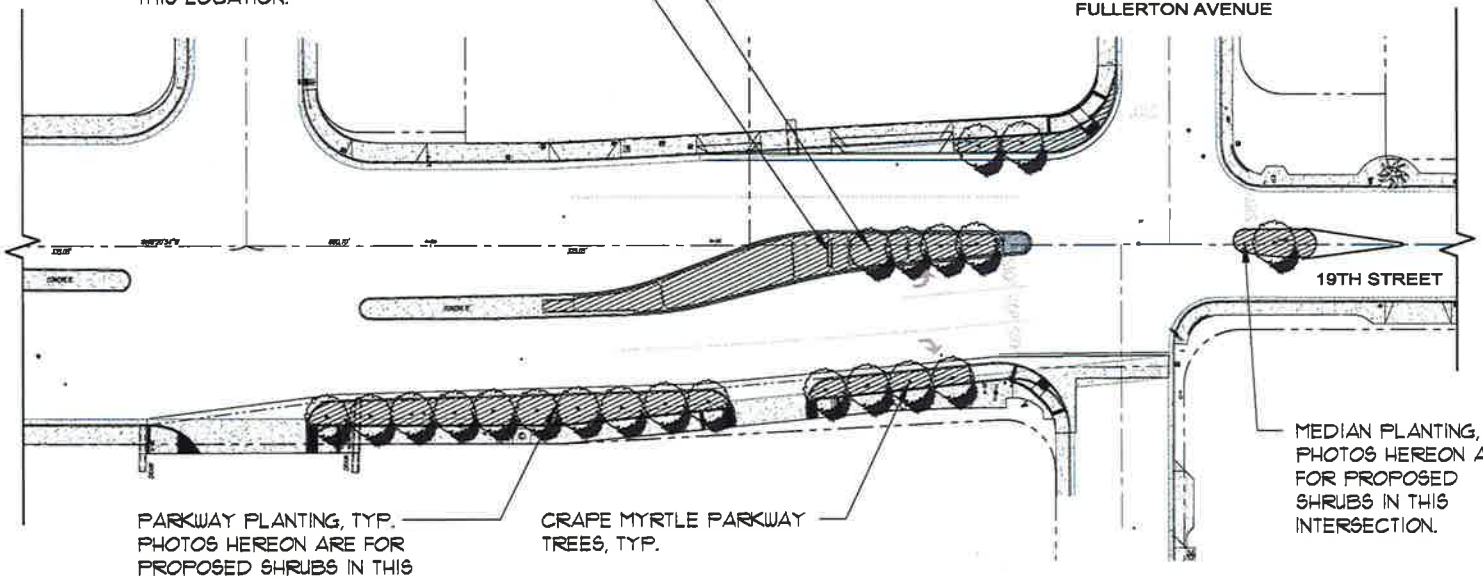
It is recommended that the Commission approve the proposed landscape plans and one of the concept alternatives for the monument sign for the East 19th Street Improvement Project.

RAJA SETHURAMAN
Manager, Transportation Services Division

ERNESTO MUNOZ
Public Services Director

ATTACHMENTS:

1- Landscape Plans
2- Monument Sign Concept Alternatives
3- Presentation – 1st Community Meeting
4- Presentation – 2nd Community Meeting
5- Improvement Simulations



ARBUTUS PURPUREA, PURPLE TREE-ARN

LAGERSTROEMIA INDICA 'SPLASH OF PINK' PINK CRAPE MYRTLE

FLOWER CARPET RED ROSE — RED CARPET ROSE

SENECIO SERPENS, — BLUE CHALKSTICKS

AGAPANTHUS AFRICANUS — LILY OF THE NILE

PHORMIUM 'DUET' — NEW ZEALAND FLAX

PITTOSPORUM TOBIRA 'VARIEGATA' — MOCK ORANGE

CALLISTEMON CITRINUS 'LITTLE JOHN', DWARF BOTTLEBRUSH

LIMONIUM PEREZII — SEA LAVENDER, STATICE

NOTES:
1. REFER TO SHEET L-8 FOR PLANT PHOTOS
2. REFER TO SHEET L-9 FOR SIGNAGE ALTERNATIVES

GRAPHIC SCALE
20 0 10 20
1 inch = 20 ft.

NUVIS LANDSCAPE ARCHITECTURE AND PLANNING

PLANS PREPARED BY:
THE CIVIL SOURCE
WWW.CIVIL-SOURCE.COM
AARON HARMAN, CIVIL ENGINEER — 34283, 9/30/15

REGISTERED PROFESSIONAL ENGINEER — No. 34283 — STATE OF CALIFORNIA

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RECOMMENDED BY:		REC. BY:	
APPROVED BY: FARIBA FAZELI, ACTING CITY ENGINEER			

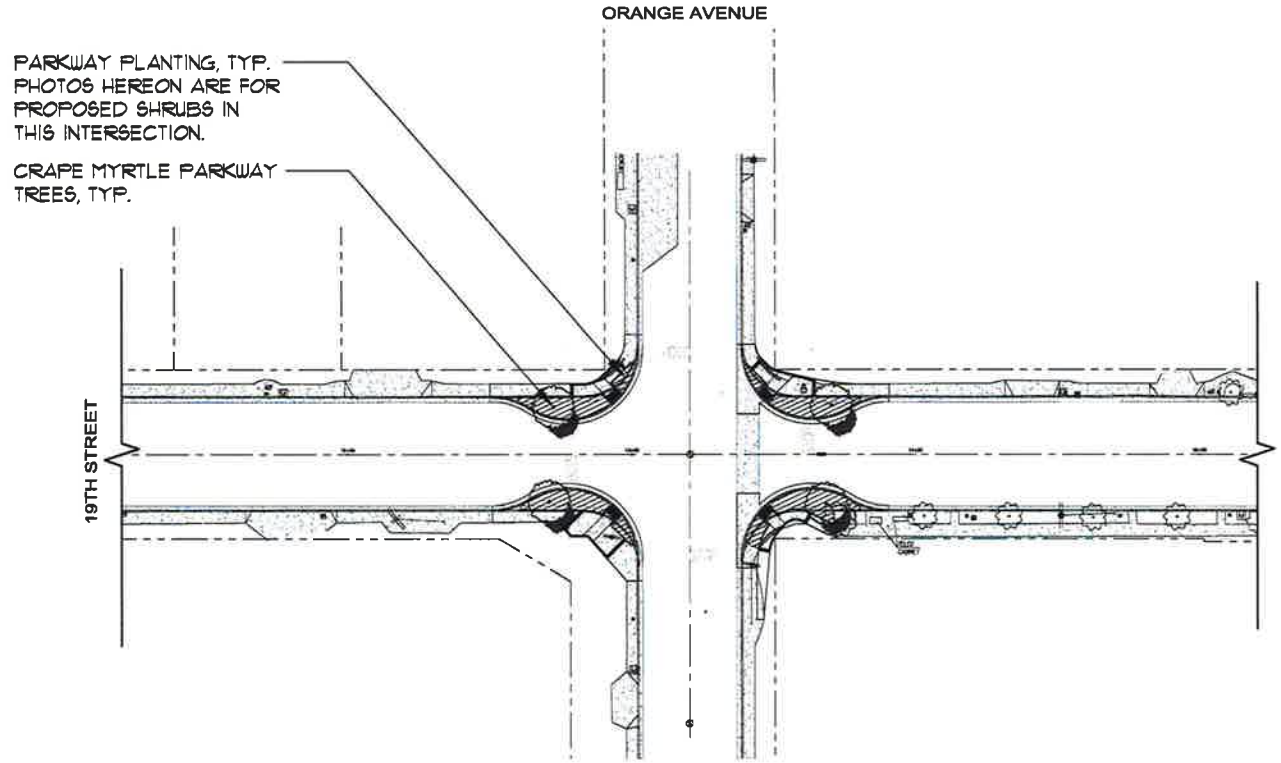
P.E. SEAL

EAST 19TH STREET TRAFFIC IMPROVEMENTS
CONCEPTUAL LAYOUT PLAN
CITY OF COSTA MESA

L-1 OF
PLAN NUMBER

ATTACHMENT 1

(3)



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PINK CRAPE MYRTLE

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L-2 OF 9
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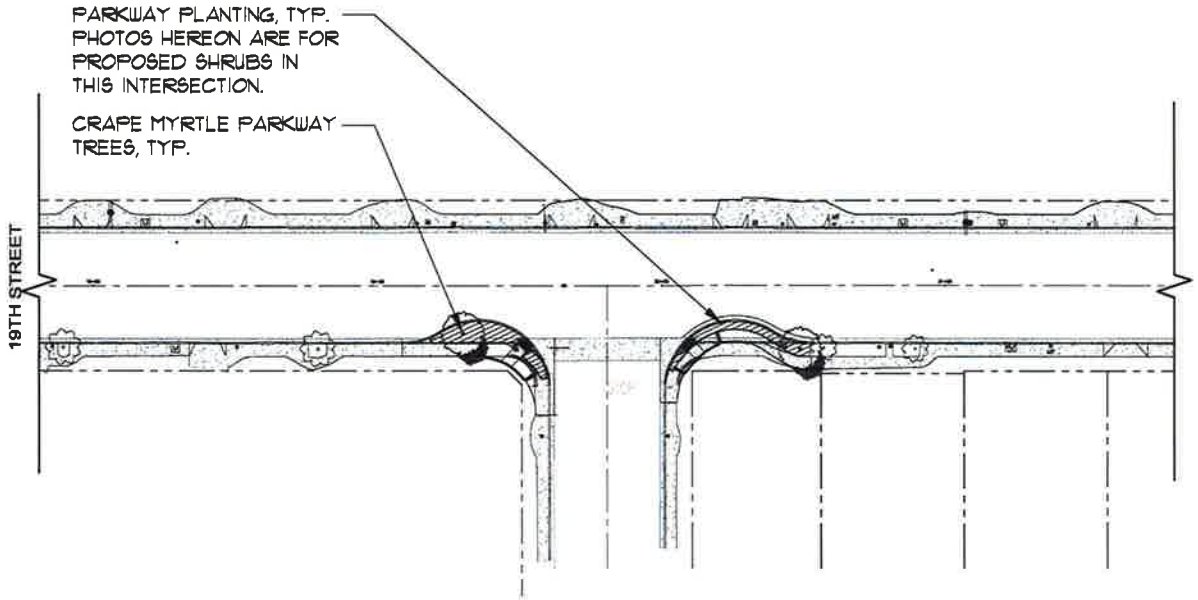

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PINK CRAPE MYRTLE

PHORMIUM 'DUET' NEW ZEALAND FLAX

LANTANA MONTEVIDENSIS PURPLE TRAILING LANTANA

LAVANDULA STOECHAS SPANISH LAVENDER

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CONCEPTUAL LAYOUT PLAN
CITY OF COSTA MESA

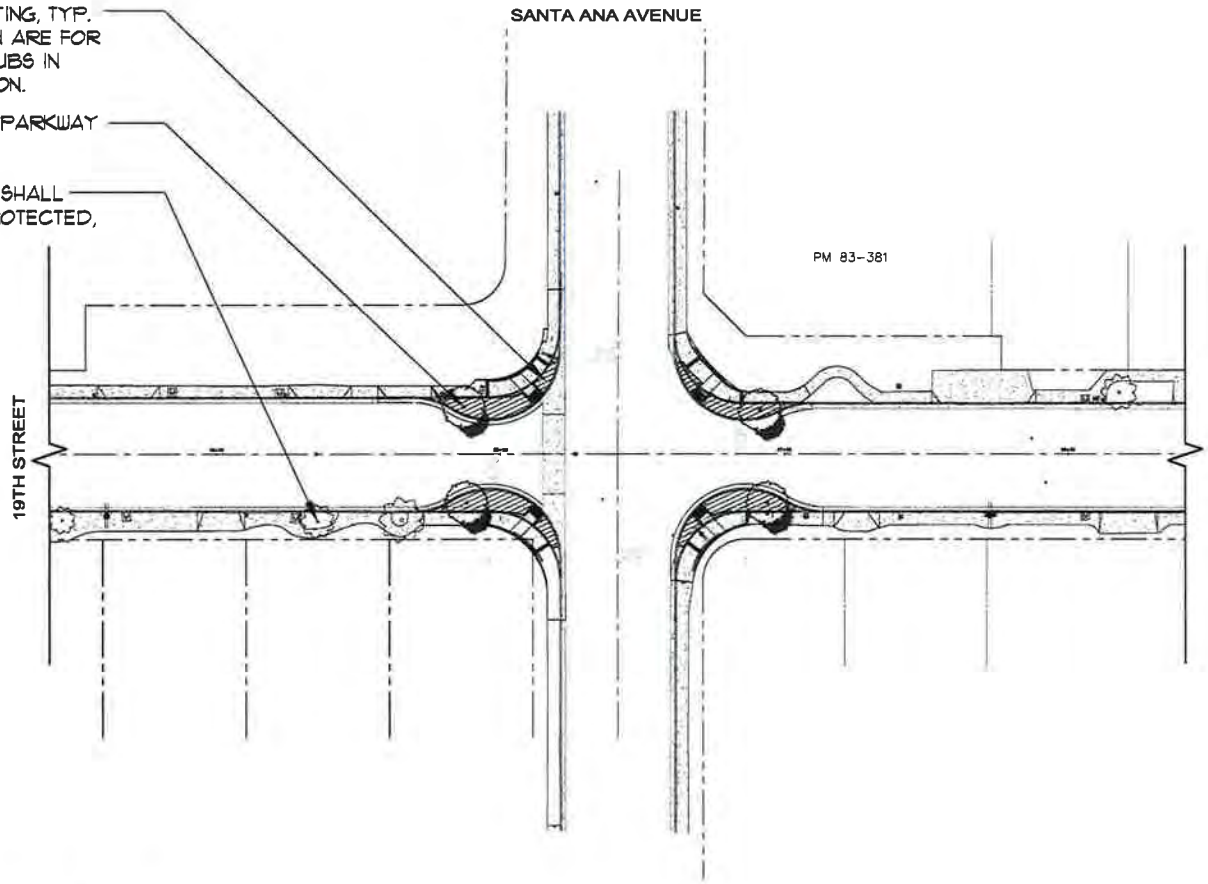
L-3 OF 9
PLAN NUMBER

5

PARKWAY PLANTING, TYP. PHOTOS HEREON ARE FOR PROPOSED SHRUBS IN THIS INTERSECTION.

CRAPE MYRTLE PARKWAY TREES, TYP.

EXISTING TREES SHALL REMAIN & BE PROTECTED, TYPICAL



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SENECIO SERPENS, BLUE CHALKSTICKS

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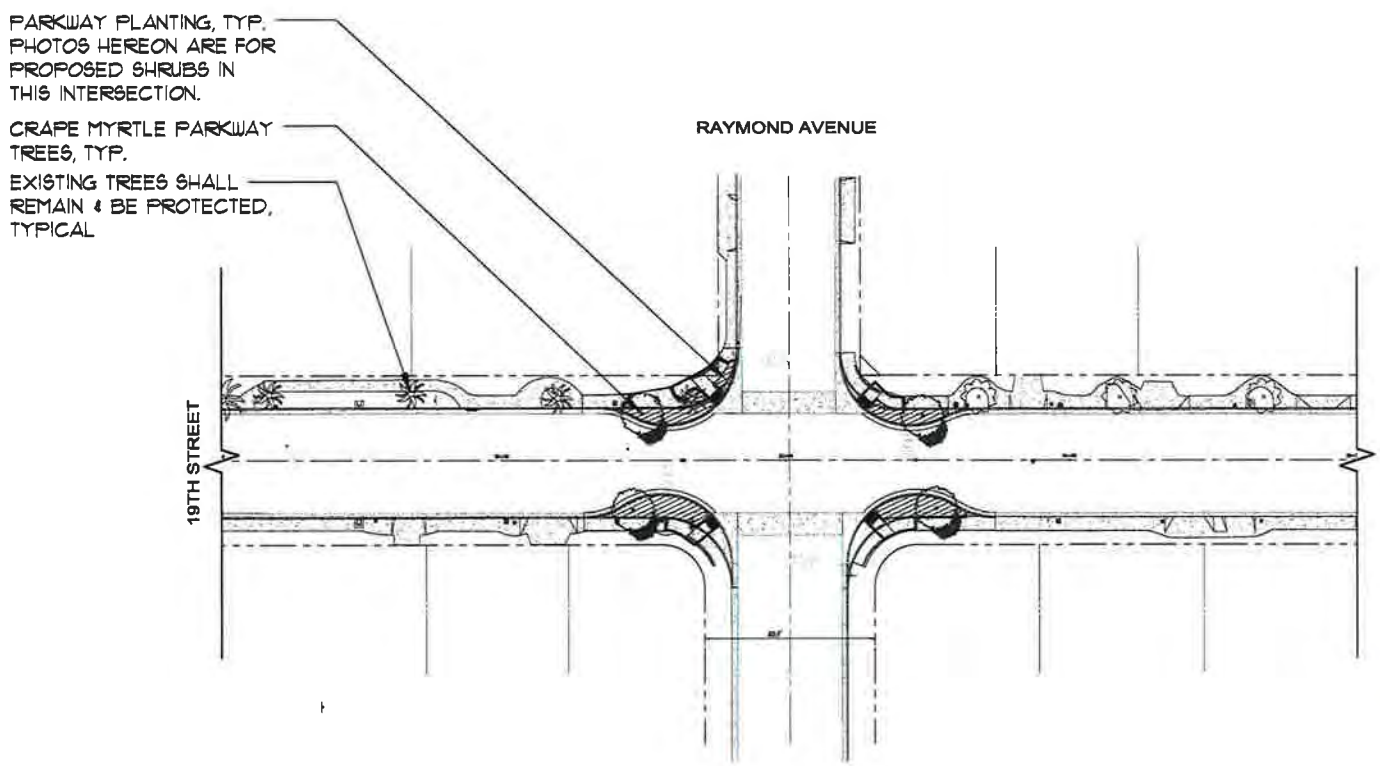

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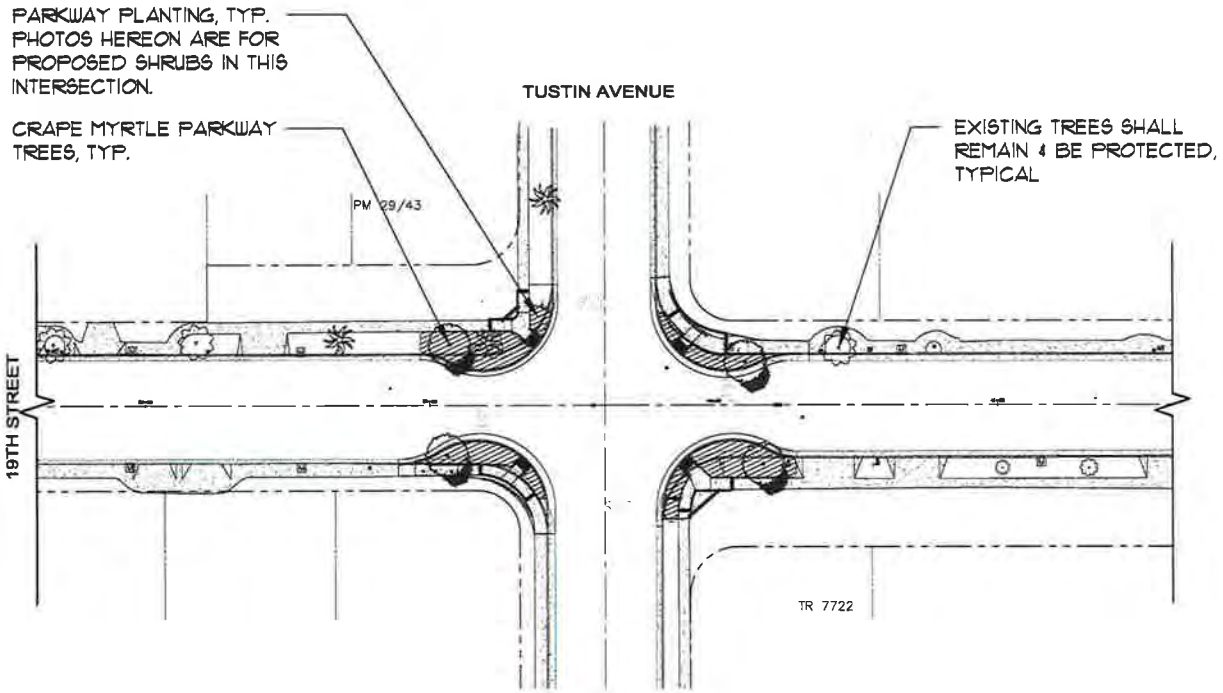

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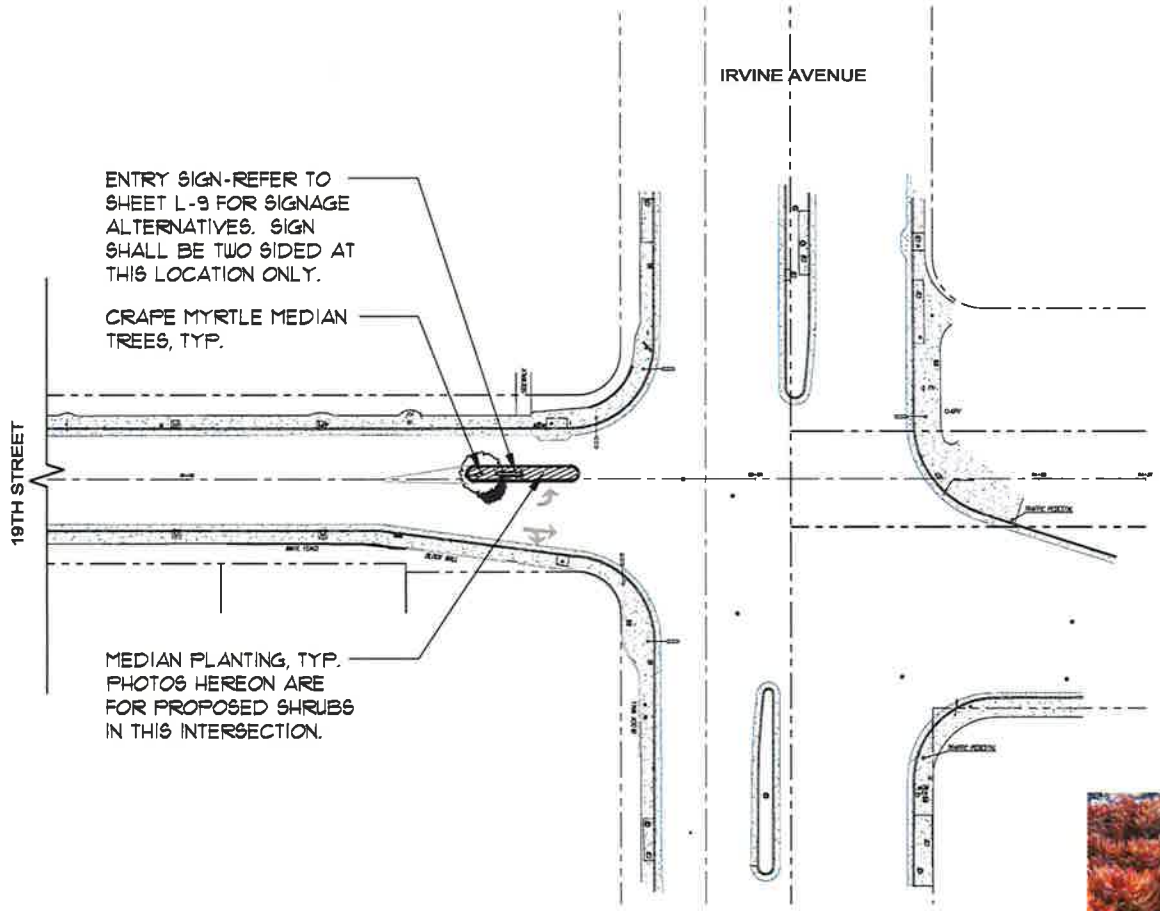

LAGERSTROEMIA INDICA 'SPLASH OF PINK' PINK CRAPE MYRTLE

AGAVE ATTENUATA FOX TAIL AGAVE

ANIGOZANTHOS 'BUSH RANGER', BUSH RANGER KANGAROO PAW

SEDUM NUSSBAUMERIANUM, COPPERTONE STONECROP

ARISTADA PURPUREA, PURPLE THEE-AIN

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CONCEPTUAL LAYOUT PLAN
CITY OF COSTA MESA

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LAVANDULA STOECHAS SPANISH LAVENDER

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PINK CRAPE MYRTLE

PITTOSPORUM TOBIRA 'VARIEGATA' MOCK ORANGE

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AGAVE ATTENUATA FOX TAIL AGAVE

FLOWER CARPET RED ROSE RED CARPET ROSE

ARISTADA PURPUREA,
PURPLE THEE-AWN

ANIGOZANTHOS 'BUSH RANGER',
BUSH RANGER KANGAROO PAW

CALLISTEMON CITRINUS 'LITTLE JOHN',
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PHORMIUM 'DUET' NEW ZEALAND FLAX

SEDUM NUSSBAUMERIANUM,
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EAST 19TH STREET TRAFFIC IMPROVEMENTS
PLANT MATERIAL PHOTOS
CITY OF COSTA MESA

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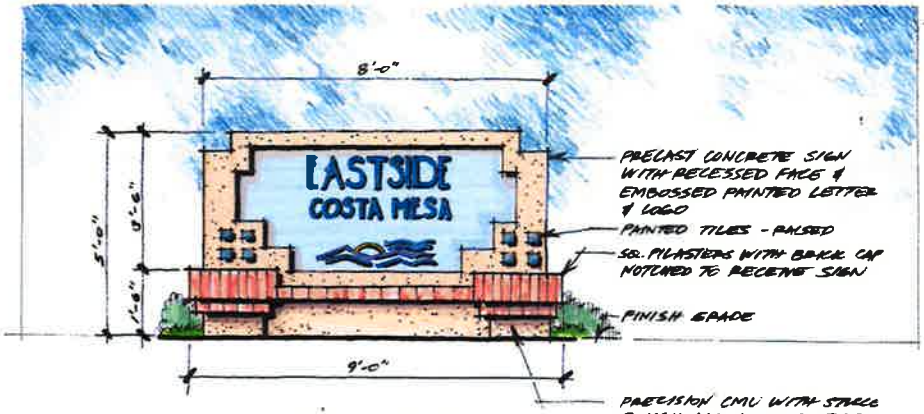

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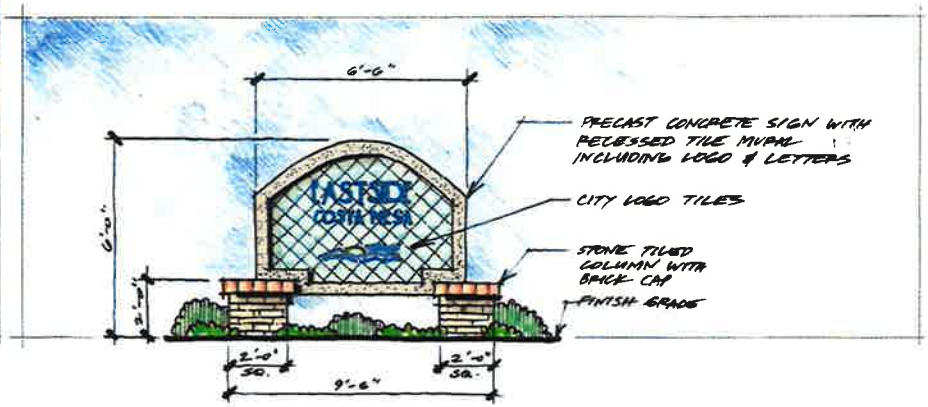

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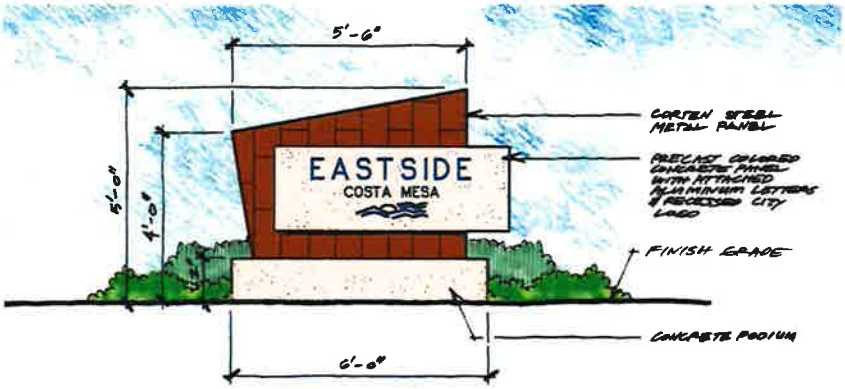

ALTERNATIVE 4

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EAST 19TH STREET TRAFFIC IMPROVEMENTS
SIGNAGE ALTERNATIVES
CITY OF COSTA MESA

L-9 OF 9
PLAN NUMBER

ATTACHMENT 2

11

EAST 19TH STREET NEIGHBORHOOD MEETING

Department of Public Services/
Transportation Services Division

January 29, 2014

ATTACHMENT 3

12

BACKGROUND

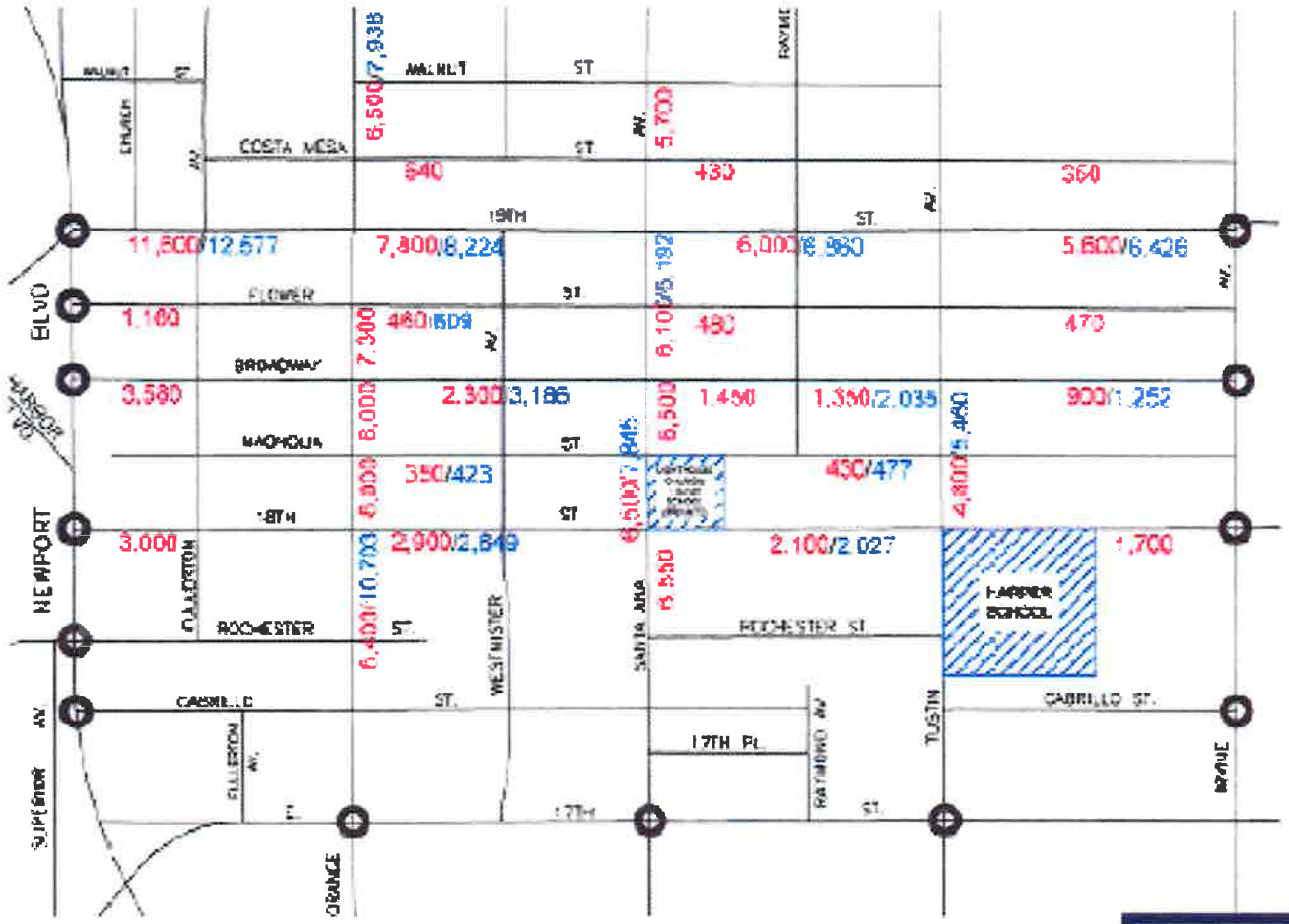
- Neighborhood Traffic Issues
  - Cut Through Traffic
  - Speeding
- East 19th Street Downgraded to 2-Lane Collector in the 1990s

BACKGROUND

- Measures Implemented Over Past Few Years Included:
  - East 17th Street Improvements at Three Intersections – Orange, Westminster and Santa Ana
  - Newport Boulevard – Additional Lane in Northbound Direction
  - Stop-Signs, Neighborhood Warning Signs, Striping Modifications Throughout Eastside Area
  - Broadway Improvements

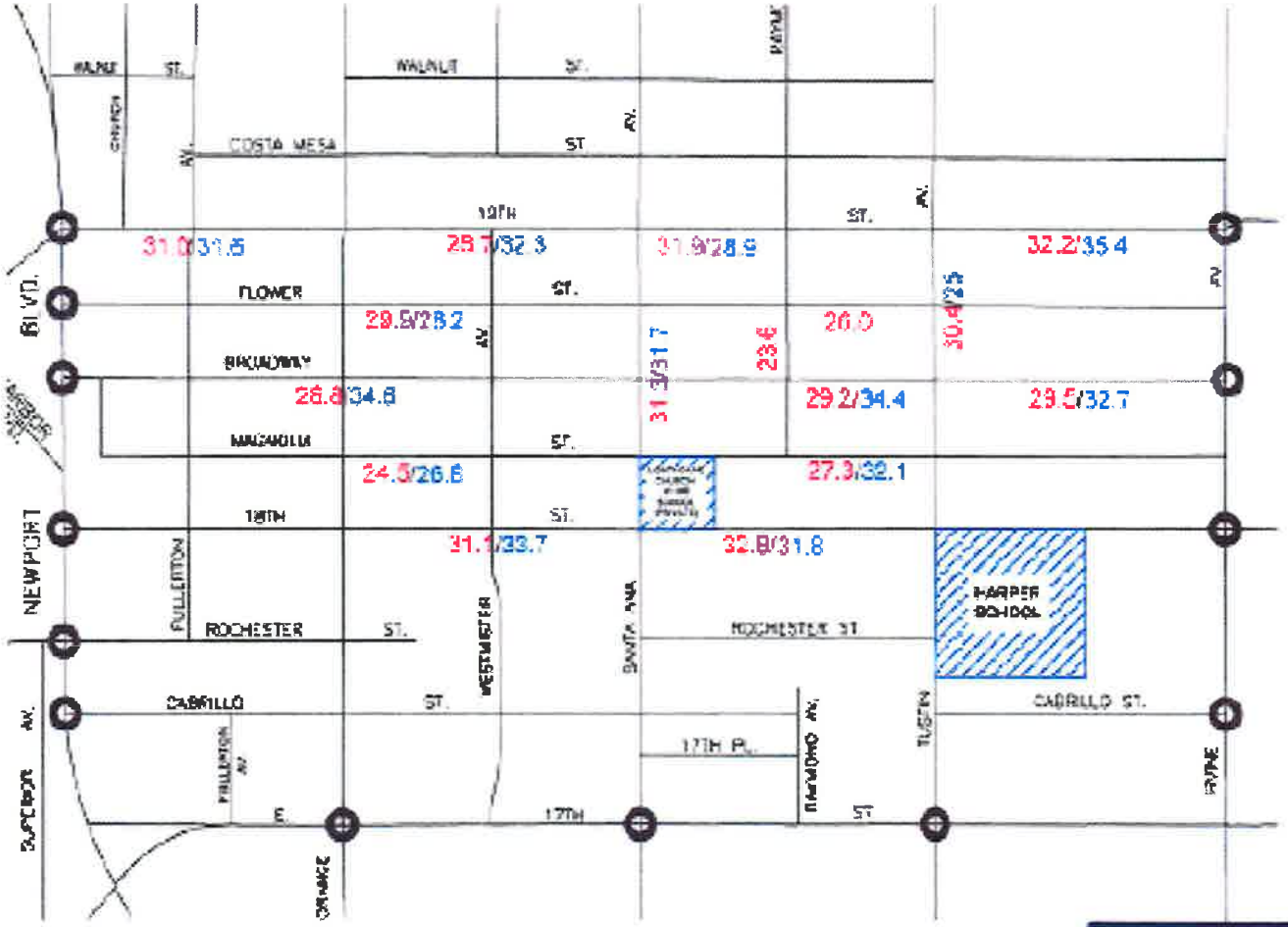
BROADWAY REPORT

- Broadway was Widest Street in Neighborhood with 50 Feet Curb-to-Curb Width Between Fullerton Avenue and Tustin Avenue
- Project Reduced Street Width by 4 Feet
- Landscaped Medians and Chokers Added
- Results of Project
  - Speeding Reduced by About 5 MPH
  - Reduction in Accidents
  - No Change in Overall Traffic Patterns



Costa Mesa

EXHIBIT 3
AVERAGE DAILY TRAFFIC



Legend

28.8 :2013 SPEED SURVEY

31.0 :2006 SPEED SURVEY

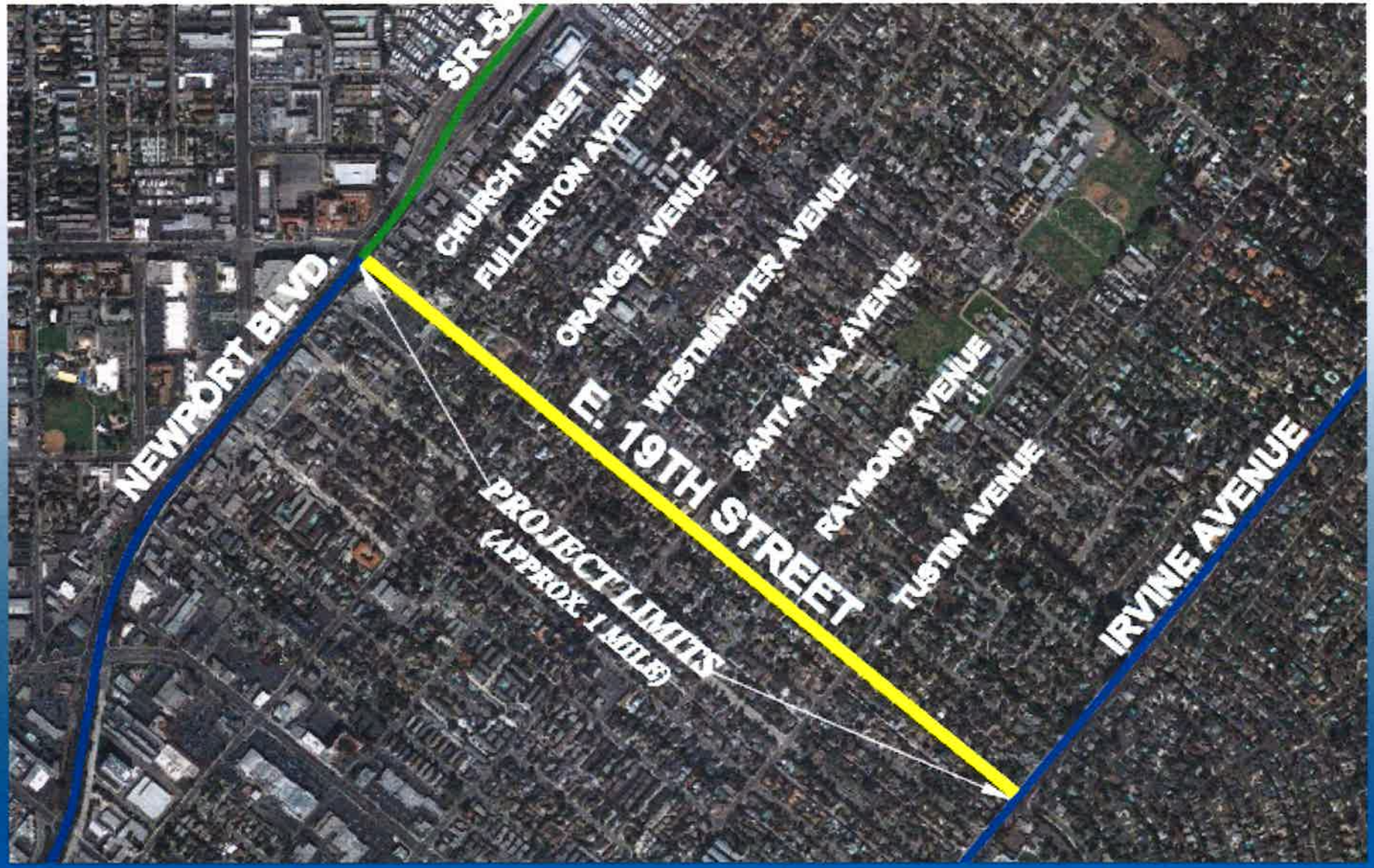
Costa Mesa

EXHIBIT 4
EASTSIDE SPEED SURVEY

EAST 19TH STREET PROJECT

- Landscaped Chokers at Intersections
- Landscaped Medians Only at Entry Points at Fullerton Avenue and Irvine Avenue
- Entry Monument Signs at Fullerton Avenue and Irvine Avenue
- Funding by Federal Safe Route to School Grant - $855,700

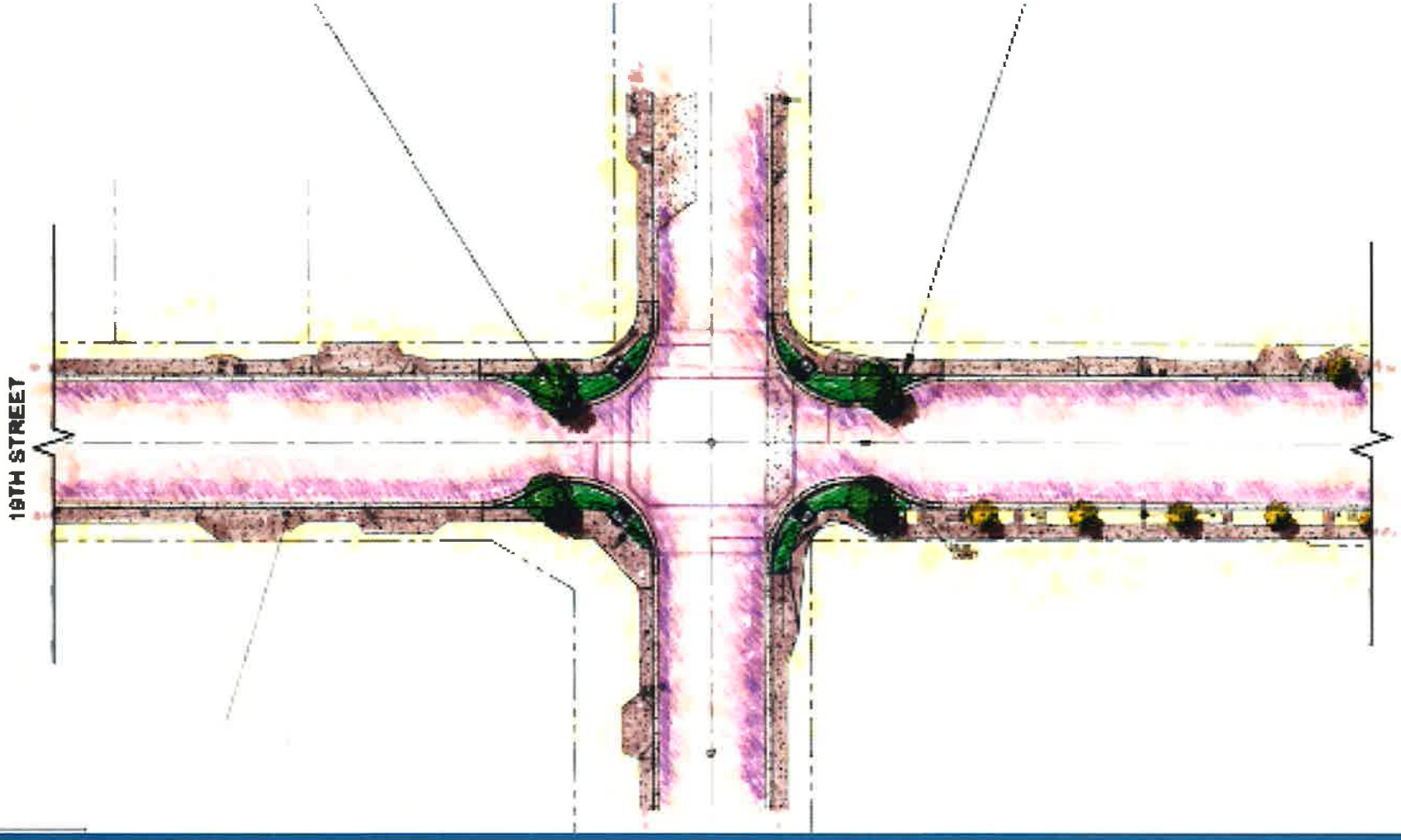
East 19th Street Project Limits



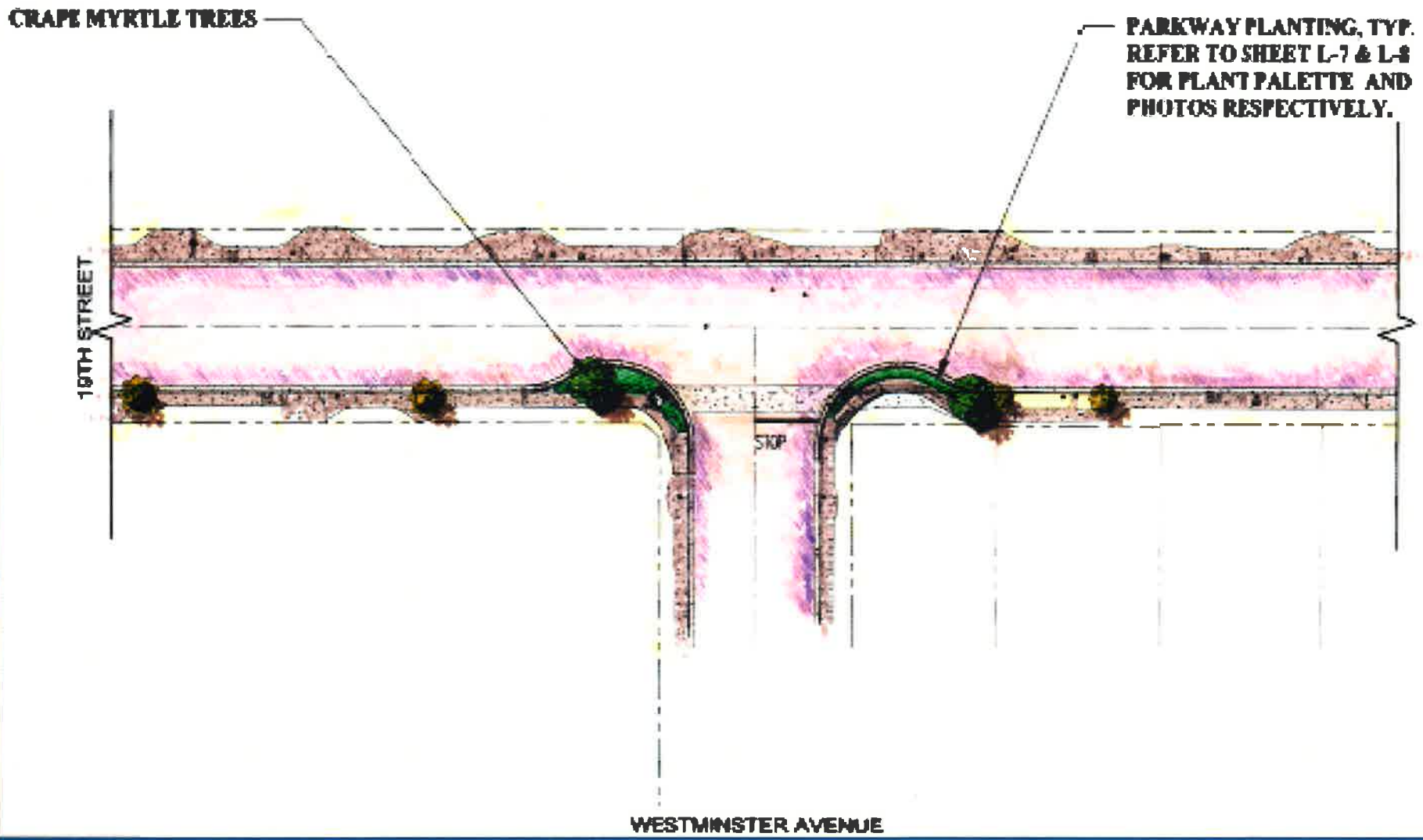
East 19th Street Project

East 19th Street/Fullerton Avenue

East 19th Street/Orange Avenue

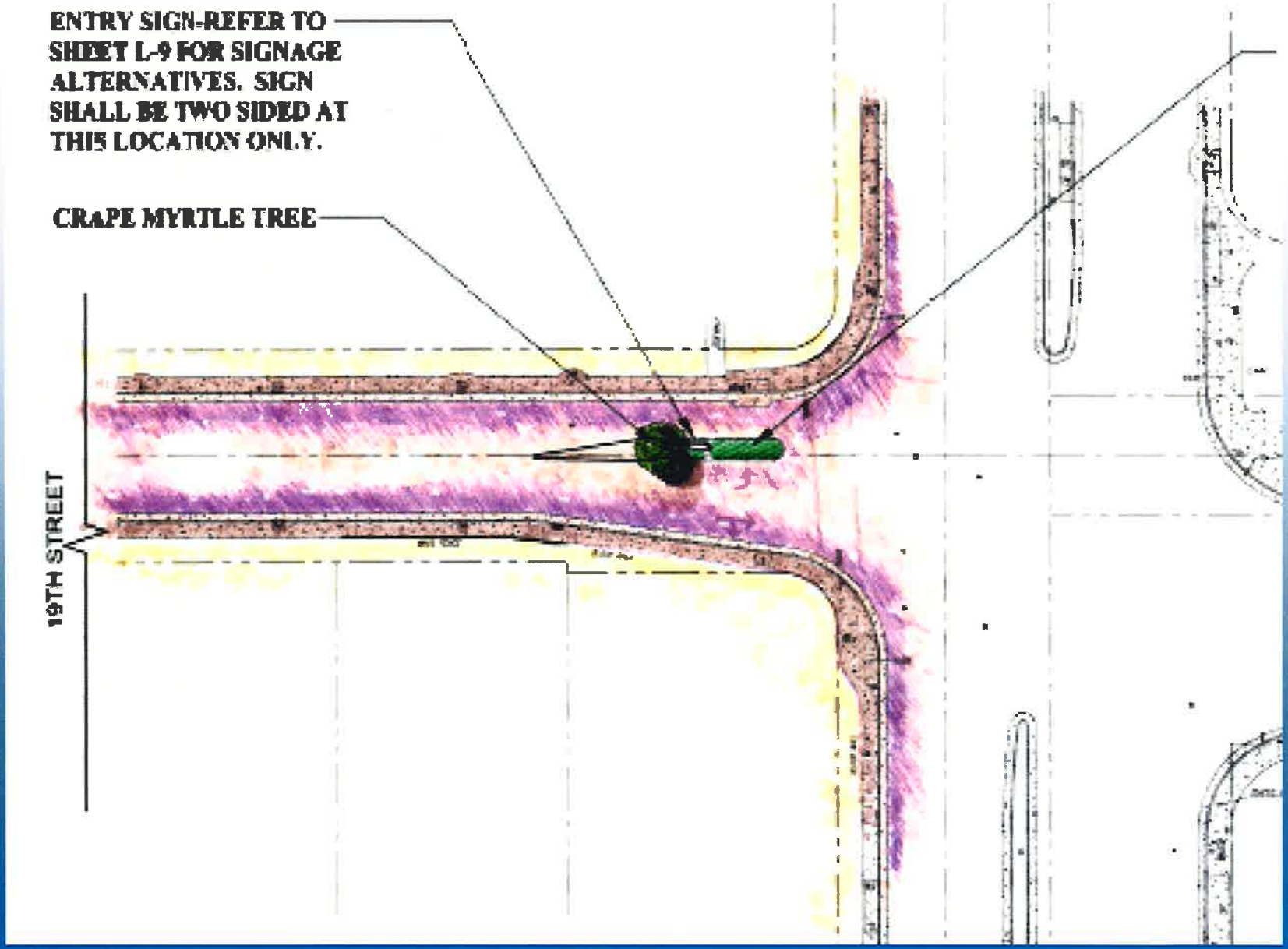


East 19th Street/Westminster Avenue

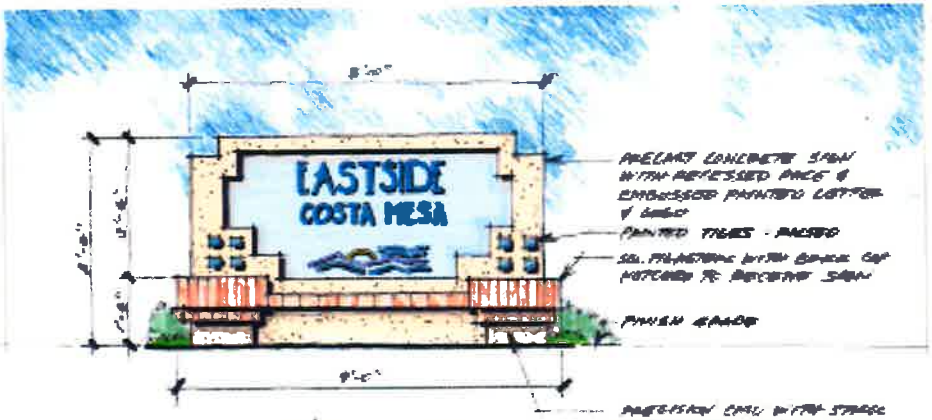


23

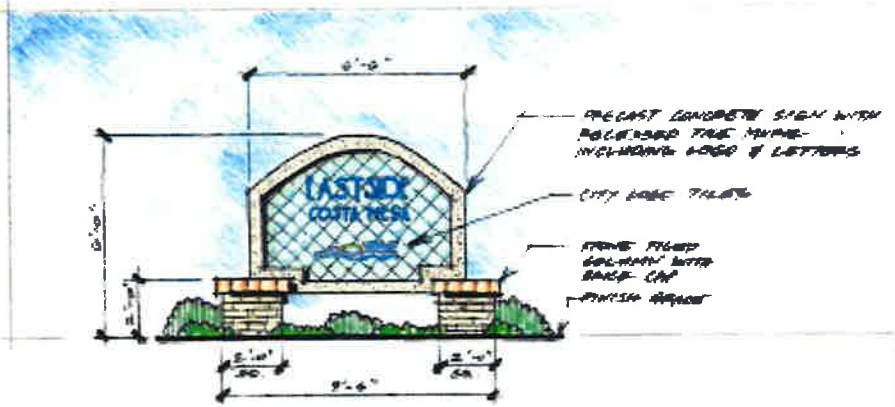
East 19th Street/Irvine Avenue



Monument Sign Options



ALTERNATIVE 1



ALTERNATIVE 2

ALTERNATIVE 3

NEXT STEPS

- Continue to work on design
- Follow up Neighborhood Meeting in April
- Parks and Recreation Commission Presentation of Landscaping and Monument Signs

EAST 19TH STREET NEIGHBORHOOD MEETING

Department of Public Services/
Transportation Services Division

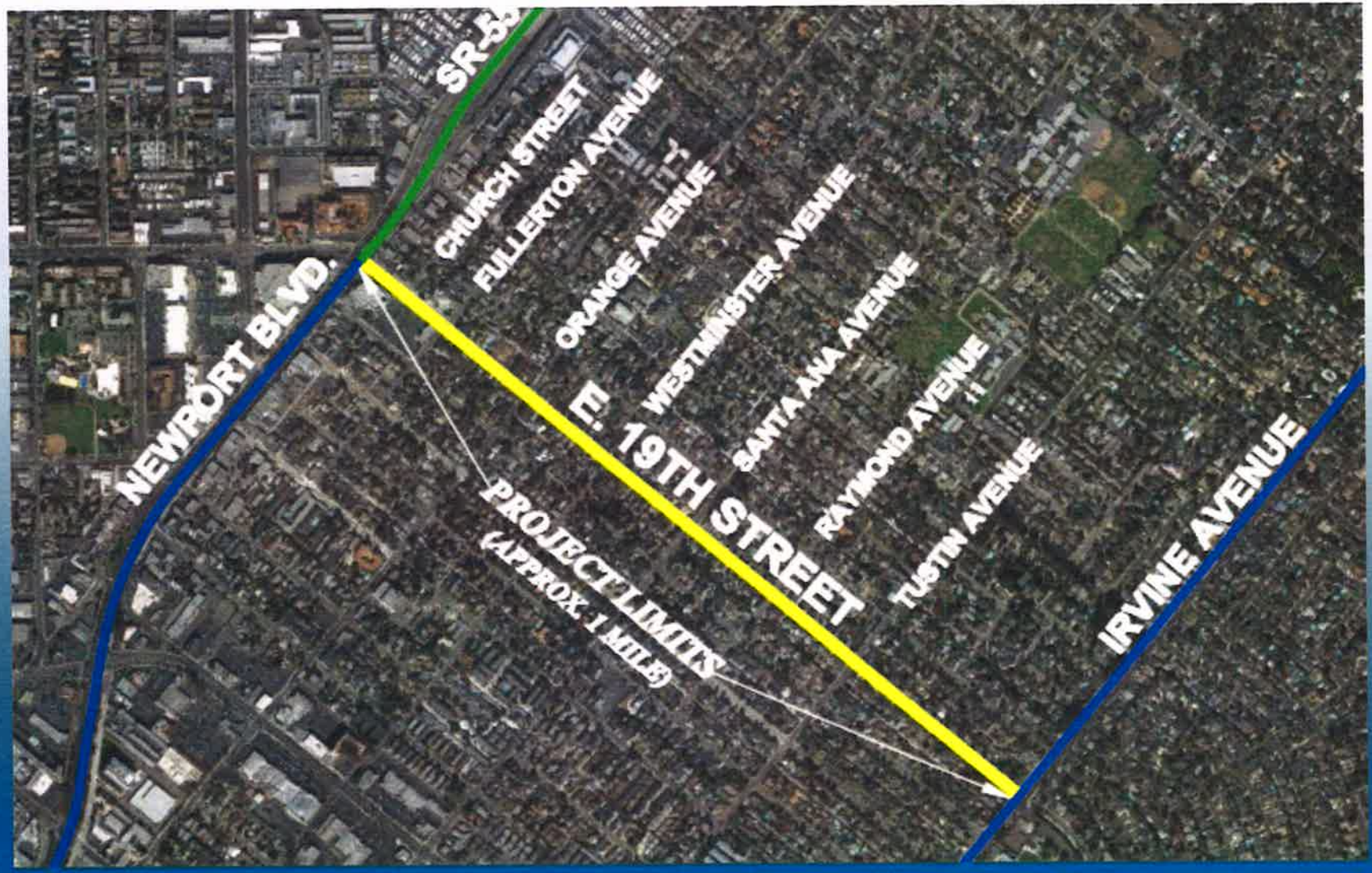
April 30, 2014

ATTACHMENT 4

EAST 19TH STREET PROJECT

- Landscaped Chokers at Intersections
- Landscaped Medians Only at Entry Points at Fullerton Avenue and Irvine Avenue
- Entry Monument Signs at Fullerton Avenue and Irvine Avenue
- Funding by Federal Safe Route to School Grant - $855,700

East 19th Street Project Limits



BACKGROUND

- First Neighborhood Meeting Held on January 29, 2014
- Presentation on
  - Background of East 19th Street Project
  - Broadway Project
  - Ideas for East 19th Street Project

COMMENTS RECEIVED

- What makes 19th Street different than any other street?
  - Terminus of SR-55 Freeway
  - Connection to Irvine Avenue
- What is the overall vision for Eastside by the City?
  - Enhance residential character of the neighborhood
  - Minimize cut through traffic
  - Encourage use of arterials for through traffic

COMMENTS RECEIVED

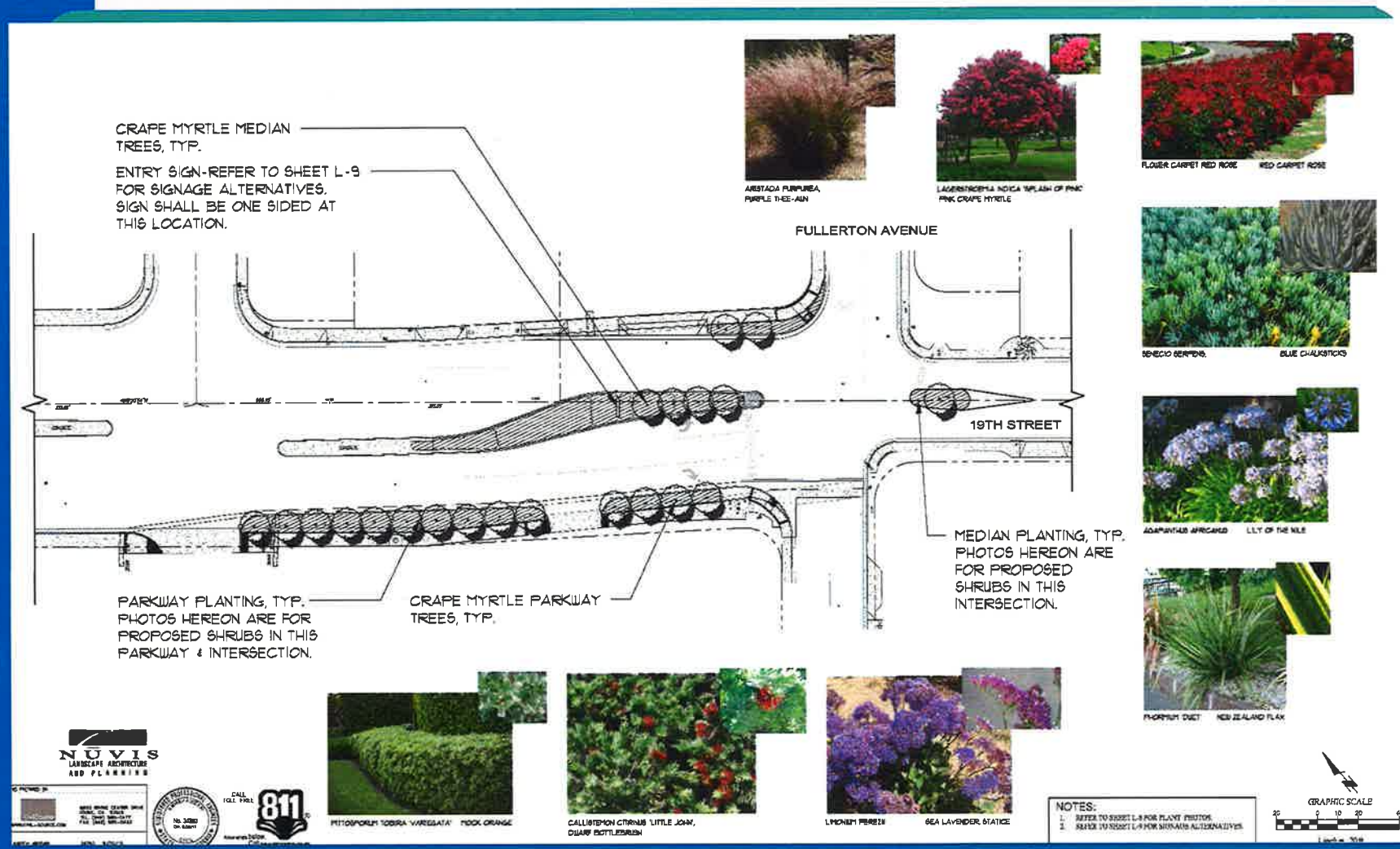
- Why not put in speed humps?
  - Speed humps result in diversion of traffic to other adjacent streets
- Are we going to lose parking if these improvements are done?
  - No parking impacts are anticipated with the proposed improvements

COMMENTS RECEIVED

- Why isn't bike lane striped on East 19th Street? Can we put markers to show that we are sharing road with bikers?
  - East 19th Street is narrow and with on-street parking, there is not enough width to accommodate bicycle lanes
  - Markings could be added on pavement to show bicycle use
- Would the chokers force bikes to move into the street?
  - Due to on-street parking, bicycles are already on the street
  - By adding chokers, the goal is reduce speeds and make drivers more aware of bicyclists and pedestrians

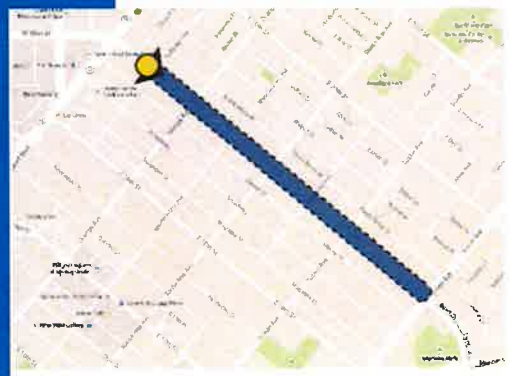
East 19th Street Project

East 19th Street/ Fullerton Avenue



35

East 19th Street/ West of Fullerton Ave.



LOCATION MAP

EXISTING CONDITIONS

CONCEPTUAL IMPROVEMENT SIMULATION

NEW GATEWAY SIGNAGE, NEW CURB & GUTTER BULB-OUTS, NEW PLANTED PARKWAYS WITH FLOWERING TREES & COLORFUL WATER EFFICIENT PLANTING

Lagerstroemia indica
Crape Myrtle

Callistemon 'Little John'
Dwarf Bottlebrush

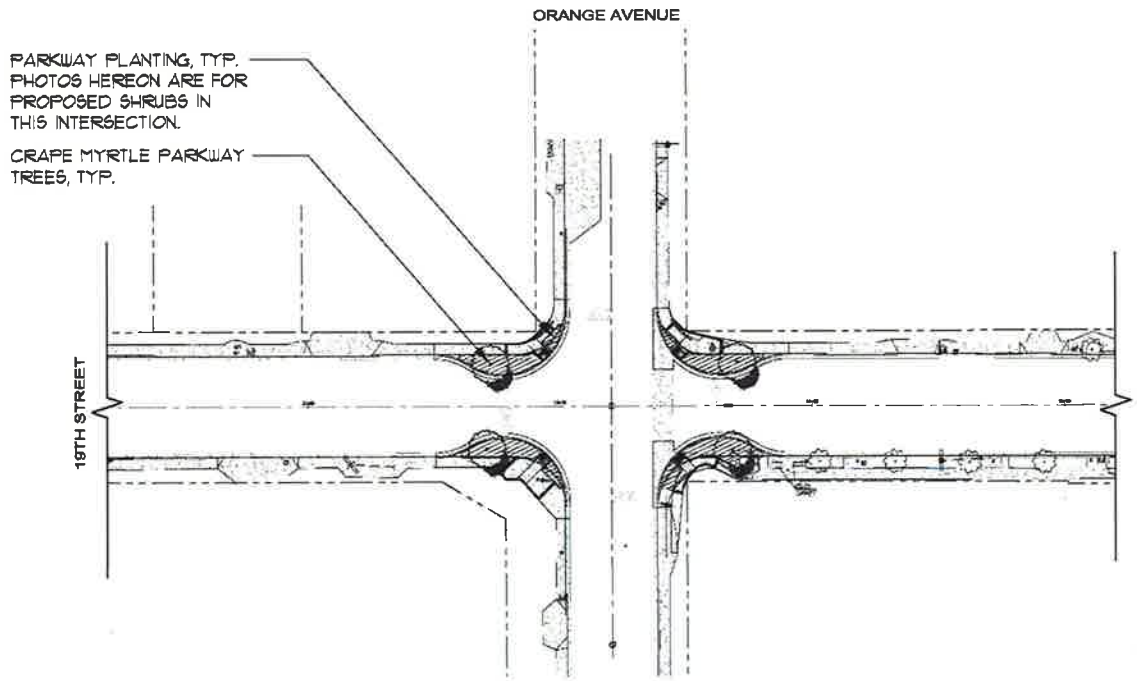
Limonium perezii
Sea Lavender

Phormium tenax
New Zealand Flax

Rosa x 'Noare'
Flower Carpet Red Rose

Senecio serpens
Punk Pickle

East 19th Street/ Orange Avenue



LAGERSTROEMIA INDICA 'SPLASH OF PINK'
PINK CRAPE MYRTLE

PHORMIUM 'PINK FLAMINGO' NEW ZEALAND FLAX

FLOWER CARPET RED ROSE RED CARPET ROSE

SENECIO SERPENS. BLUE CHALKSTICKS

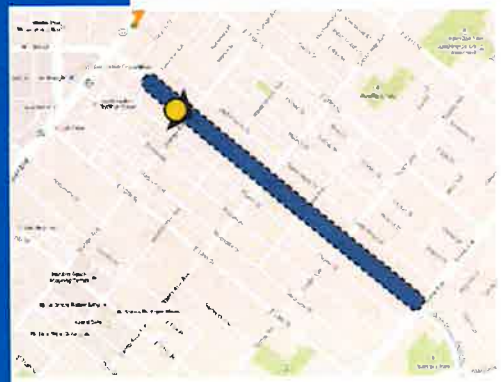
NUVIS
LANDSCAPE ARCHITECTURE AND PLANNING

NOTES:
1. REFER TO SHEET L-8 FOR PLANT PHOTOS.
2. REFER TO SHEET L-9 FOR SIGNAGE ALTERNATIVES.

GRAPHIC SCALE
20 0 10 20 40
1 inch = 20 ft.

37

East 19th Street/ West of Orange Avenue



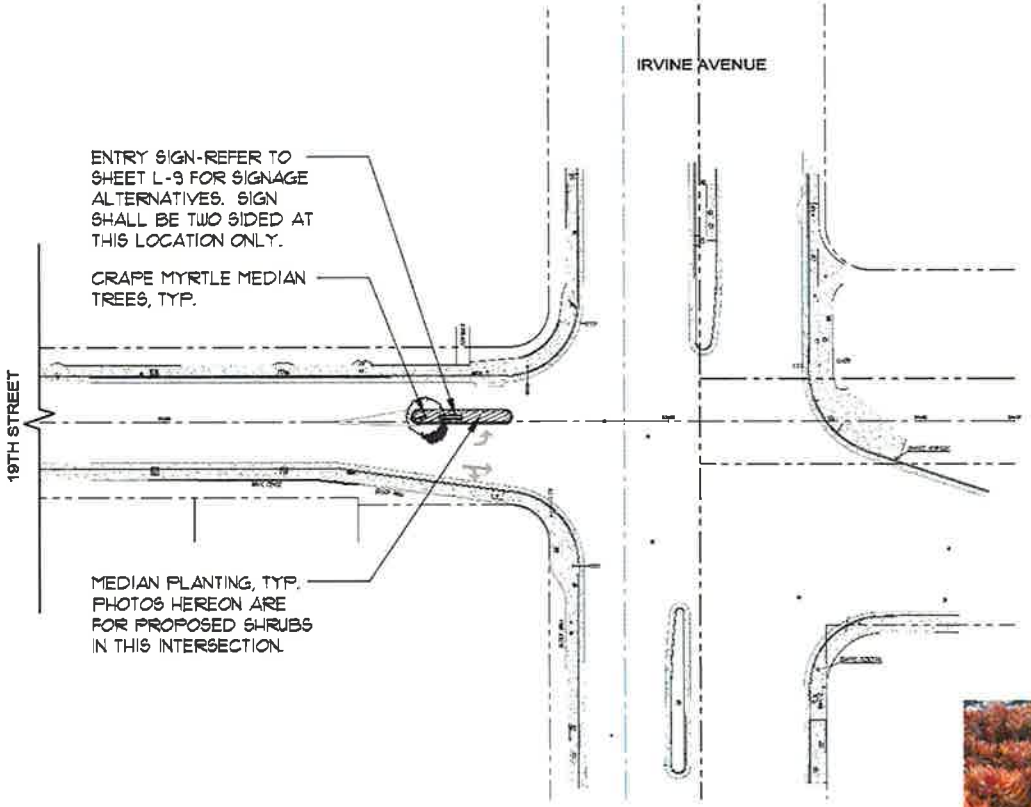
LOCATION MAP

EXISTING CONDITIONS

CONCEPTUAL IMPROVEMENT SIMULATION

NEW CURB & GUTTER BULB-OUTS, NEW CROSSWALK STRIPING, PLANTED PARKWAYS WITH FLOWERING TREES & COLORFUL WATER EFFICIENT PLANTING

East 19th Street/ Irvine Avenue



LAGERSTROEMIA INDICA 'SPLASH OF PINK' PINK CRAPE MYRTLE

AGAVE ATTENUATA FOX TAIL AGAVE

ANIGOZANTHOS 'BUSH RANGER' BUSH RANGER KANGAROO PAW

SEDUM NUSSBAUMERIANUM COPPERTONE STONECROP

ARISTACIA PURPUREA PURPLE THREE-AWN

NUVIS LANDSCAPE ARCHITECTURE AND PLANNING

CALL 811 TWO DAYS BEFORE YOU DIG

NOTES:
1. REFER TO SHEET L-8 FOR PLANT PHOTOS.
2. REFER TO SHEET L-9 FOR SIGNAGE ALTERNATIVES.

GRAPHIC SCALE
1 inch = 20 ft.

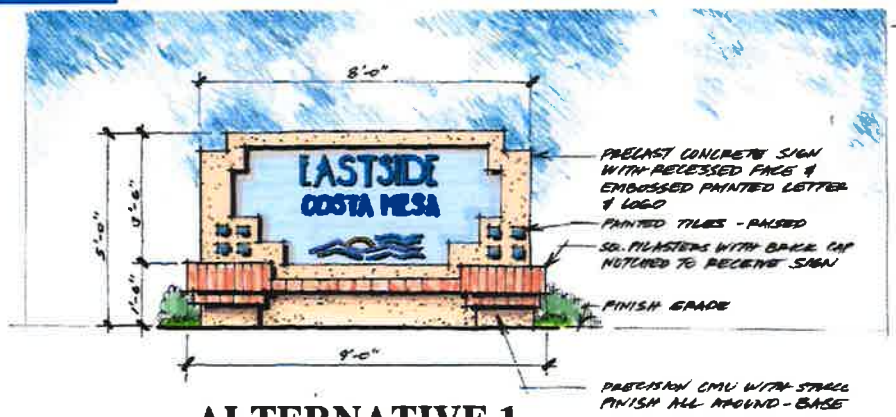
East 19th Street/ Irvine Avenue

LOCATION MAP

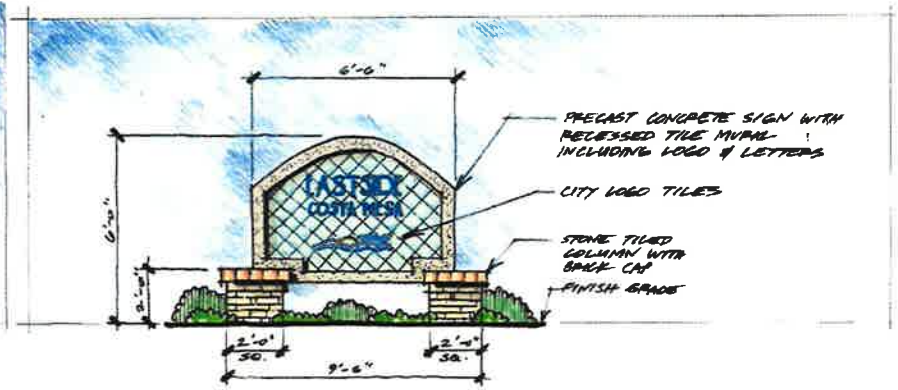
EXISTING CONDITIONS

CONCEPTUAL IMPROVEMENT SIMULATION
NEW CURB MEDIAN WITH GATEWAY SIGNAGE, NEW PLANTING WITH FLOWERING TREES & COLORFUL WATER EFFICIENT PLANTING

East 19th Street – Monument Sign Options

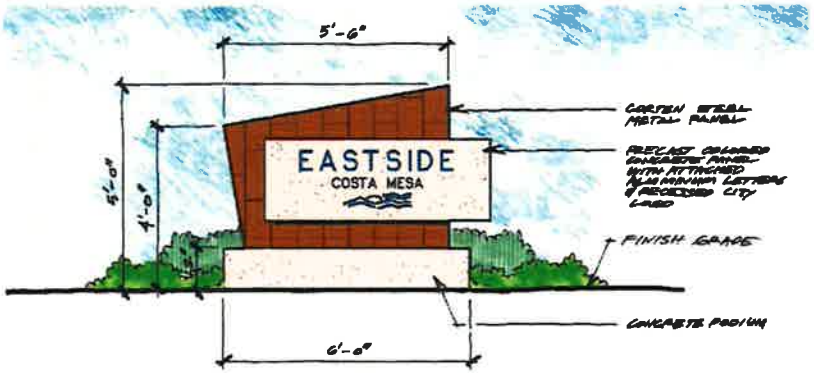


ALTERNATIVE 1



ALTERNATIVE 2

ALTERNATIVE 3

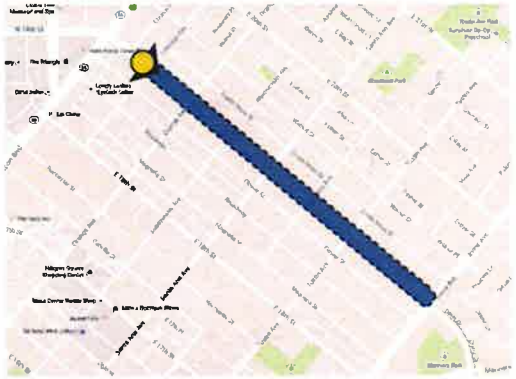


ALTERNATIVE 4

NUVIS
LANDSCAPE ARCHITECTURE AND PLANNING

NEXT STEPS

- Parks and Recreation Commission Presentation of Landscaping and Monument Signs in May 2014
- Complete Design by August 2014
- Request Approval for Construction in Early 2015



LOCATION MAP

EXISTING CONDITIONS

CONCEPTUAL IMPROVEMENT SIMULATION

NEW GATEWAY SIGNAGE, NEW CURB & GUTTER BULB-OUTS, NEW PLANTED PARKWAYS WITH FLOWERING TREES & COLORFUL WATER EFFICIENT PLANTING

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Crape Myrtle

Callistemon 'Little John'
Dwarf Bottlebrush

Limonium perezii
Sea Lavender

Phormium tenax
New Zealand Flax

Rosa x 'Noare'
Flower Carpet Red Rose

Senecio serpens
Punk Pickle

ATTACHMENT 5

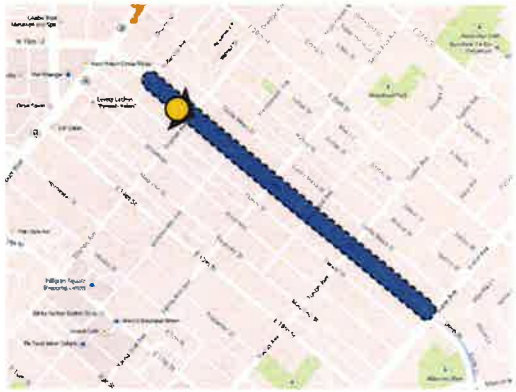
LOOKING EAST ON 19TH STREET TOWARD FULLERTON AVENUE

EAST 19TH STREET TRAFFIC IMPROVEMENTS

CITY OF COSTA MESA, CA

CivilSource

NUNS



LOCATION MAP

EXISTING CONDITIONS

CONCEPTUAL IMPROVEMENT SIMULATION

NEW CURB & GUTTER BULB-OUTS, NEW CROSSWALK STRIPING, PLANTED PARKWAYS WITH FLOWERING TREES & COLORFUL WATER EFFICIENT PLANTING

LOOKING EAST ON 19TH STREET TOWARD ORANGE AVENUE

EAST 19TH STREET TRAFFIC IMPROVEMENTS

CITY OF COSTA MESA, CA

CivilSource

LOCATION MAP

EXISTING CONDITIONS

CONCEPTUAL IMPROVEMENT SIMULATION

NEW CURB MEDIAN WITH GATEWAY SIGNAGE, NEW PLANTING WITH FLOWERING TREES & COLORFUL WATER EFFICIENT PLANTING

LOOKING WEST ON 19TH STREET FROM IRVINE AVENUE

EAST 19TH STREET TRAFFIC IMPROVEMENTS

CITY OF COSTA MESA, CA

CivilSource