

CITY OF BELLAIRE TEXAS

MAYOR AND COUNCIL

MARCH 23, 2015

Council Chamber	Workshop Session	6:00 PM
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7008 S. RICE AVENUE
BELLAIRE, TX 77401



Mayor

Dr. Philip L. Nauert

Mayor Pro Tem

Amanda B. Nathan

Councilman

James P. Avioli Sr.

Councilman

Pat B. McLaughlan

Councilman

Roman F. Reed

Councilman

Gus E. Pappas

Councilman

Andrew S. Friedberg

Mission Statement:

The City of Bellaire is dedicated to outstanding quality service and facilities to ensure an open, progressive, and secure community.

WORKSHOP SESSION - 6:00 P.M.**A. Call to Order and Announcement of a Quorum - Dr. Philip L. Nauert, Mayor.****B. Discussion Items:**

1. Presentation by Jim Broadwell, Chair of the Bellaire Parks and Recreation Advisory Board ("Parks Board"), and Sheila Condon, Principal, Clark Condon and Associates, Inc., regarding an update on the Parks Board's work on a future plan for Evergreen Park and a request for input from City Council in advance of the Parks Board's solicitation of public input.

(Requested by Karl Miller, Parks, Recreation and Facilities)

2. Presentation by Karl Miller, Director of Parks, Recreation and Facilities, and Sheila Condon, Principal, Clark Condon and Associates, Inc., regarding an update and a design plan for the Holly Street Trail project.

(Requested by Karl Miller, Parks, Recreation and Facilities)

3. Presentation by James Andrews, P.E., City Engineer, regarding an update on the US-59/IH-610 interchange construction.

(Requested by Brant Gary, Public Works)

C. Adjourn.

Mayor and Council

7008 S. Rice Avenue
Bellaire, TX 77401



Meeting: 03/23/15 06:00 PM
Department: Parks, Recreation and
Facilities
Category: Discussion
Department Head: Karl Miller
DOC ID: 1464

**SCHEDULED
ACTION ITEM (ID # 1464)**

Item Title:

Presentation by Jim Broadwell, Chair of the Bellaire Parks and Recreation Advisory Board ("Parks Board"), and Sheila Condon, Principal, Clark Condon and Associates, Inc., regarding an update on the Parks Board's work on a future plan for Evergreen Park and a request for input from City Council in advance of the Parks Board's solicitation of public input.

Background/Summary:

During the FY15 budget process, \$25,000.00 was allocated for the development of a Evergreen Park Master Plan. Clark Condon and Associates were hired at a cost of \$13,547.70 to develop a Master Plan. Ms. Condon has had several meetings with the Parks and Recreation Advisory Board which have developed a conceptual plan for the park and would like to present it to City Council for input and direction prior to finalizing the plan and seeking community input.

Previous Council Action Summary:

None

Fiscal Impact:

None

Recommendation:

It is the recommendation of Karl Miller, Director of Parks, Recreation and Facilities that City Council accepts the presentation from Mr. Broadwell and Ms. Condon and provide the Parks Board input and direction prior to soliciting public input.

ATTACHMENTS:

- EvergreenPark_Presentation 032315 (PDF)

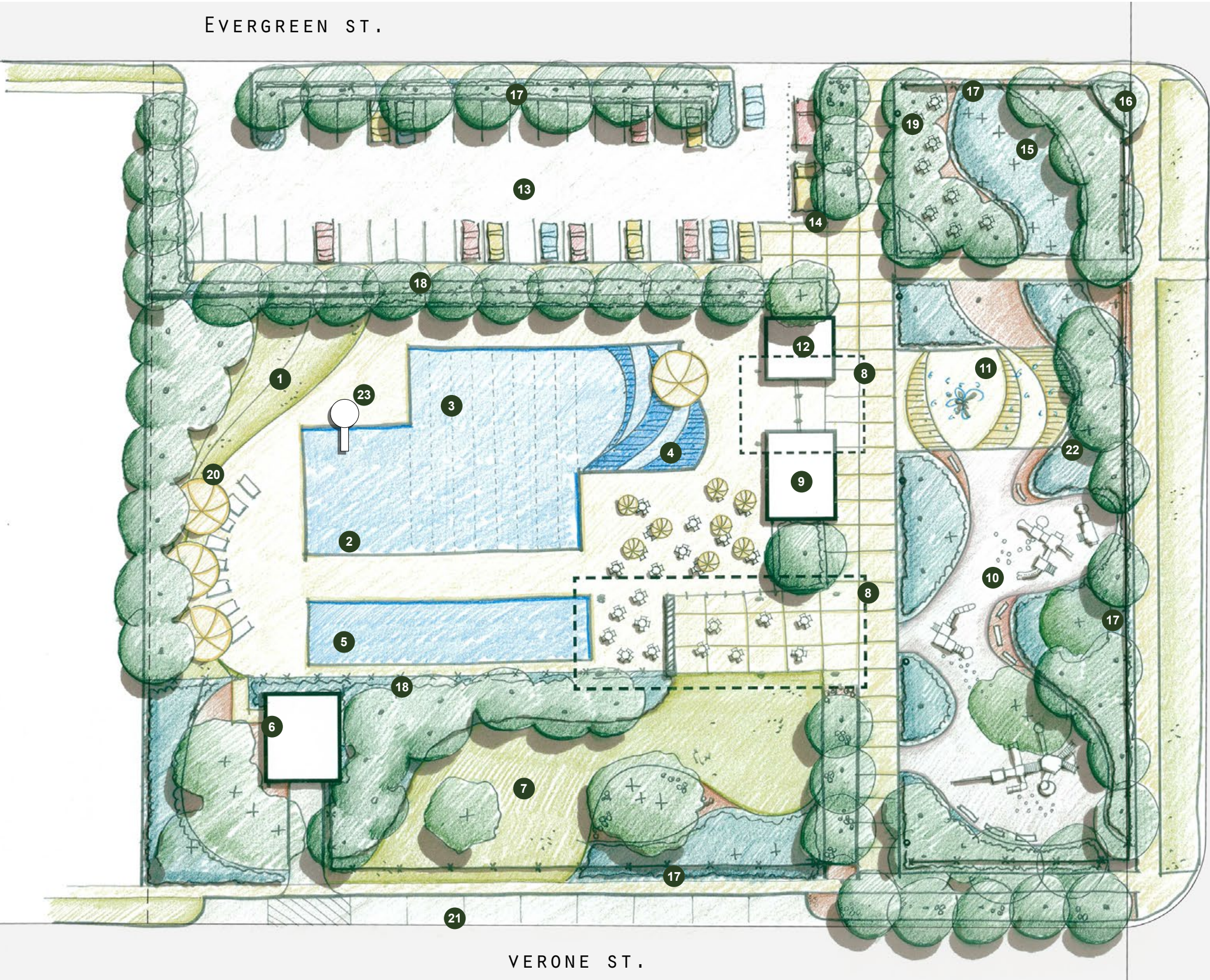
MARCH 23, 2015

EVERGREEN PARK
CITY OF BELLAIRE, TX

PRESENTED BY:
CLARK CONDON

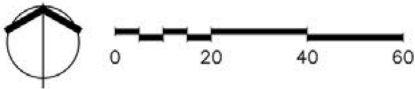
Attachment: EvergreenPark_Presentation 032315 (1464 : Evergreen Park Concept Plan Update)

EVERGREEN PARK MASTER PLAN



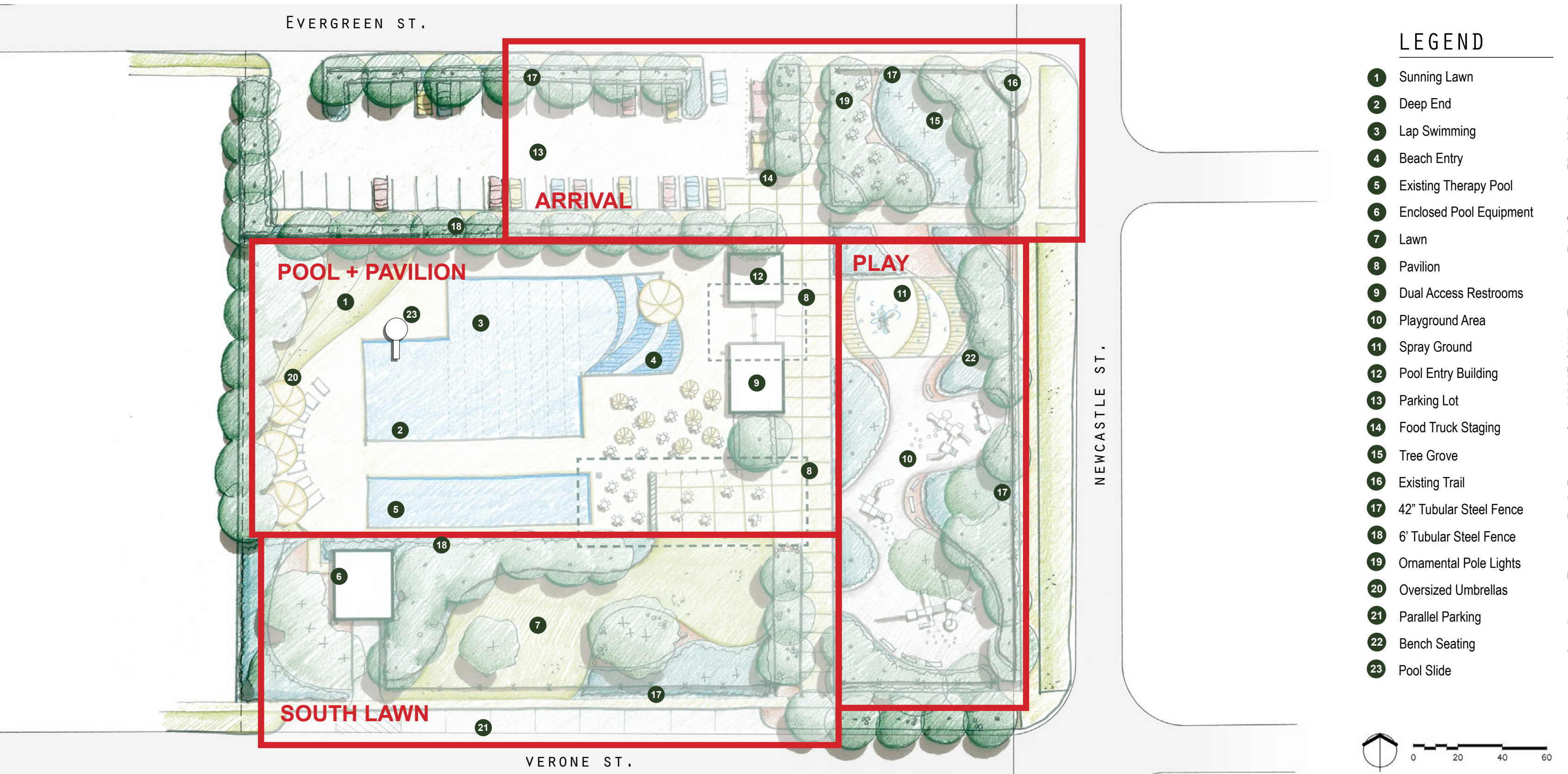
LEGEND

- 1 Sunning Lawn
- 2 Deep End
- 3 Lap Swimming
- 4 Beach Entry
- 5 Existing Therapy Pool
- 6 Enclosed Pool Equipment
- 7 Lawn
- 8 Pavilion
- 9 Dual Access Restrooms
- 10 Playground Area
- 11 Spray Ground
- 12 Pool Entry Building
- 13 Parking Lot
- 14 Food Truck Staging
- 15 Tree Grove
- 16 Existing Trail
- 17 42" Tubular Steel Fence
- 18 6' Tubular Steel Fence
- 19 Ornamental Pole Lights
- 20 Oversized Umbrellas
- 21 Parallel Parking
- 22 Bench Seating
- 23 Pool Slide



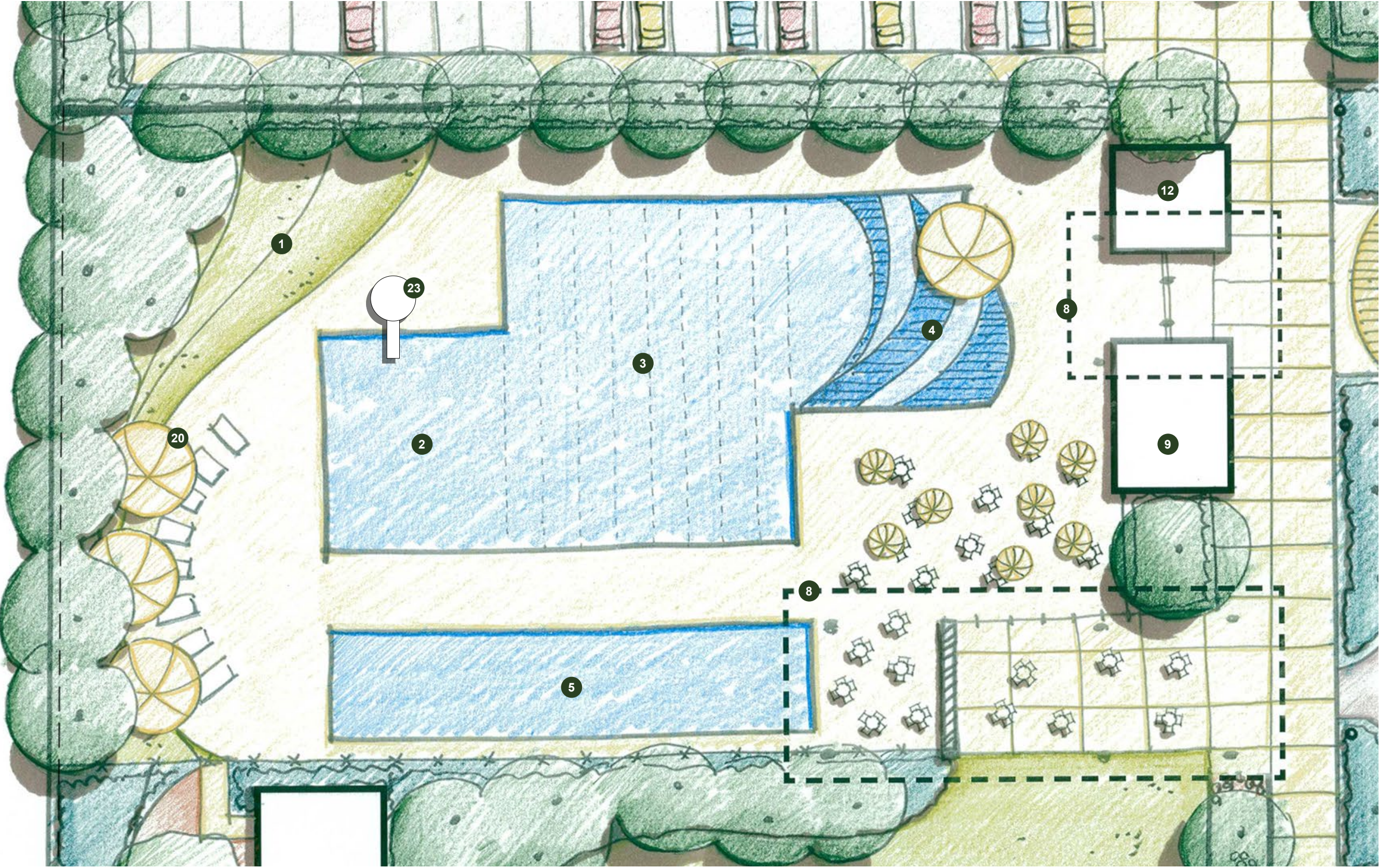
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EVERGREEN PARK MASTER PLAN



Attachment: EvergreenPark_Presentation 032315 (1464 : Evergreen Park Concept Plan Update)

POOL + PAVILION

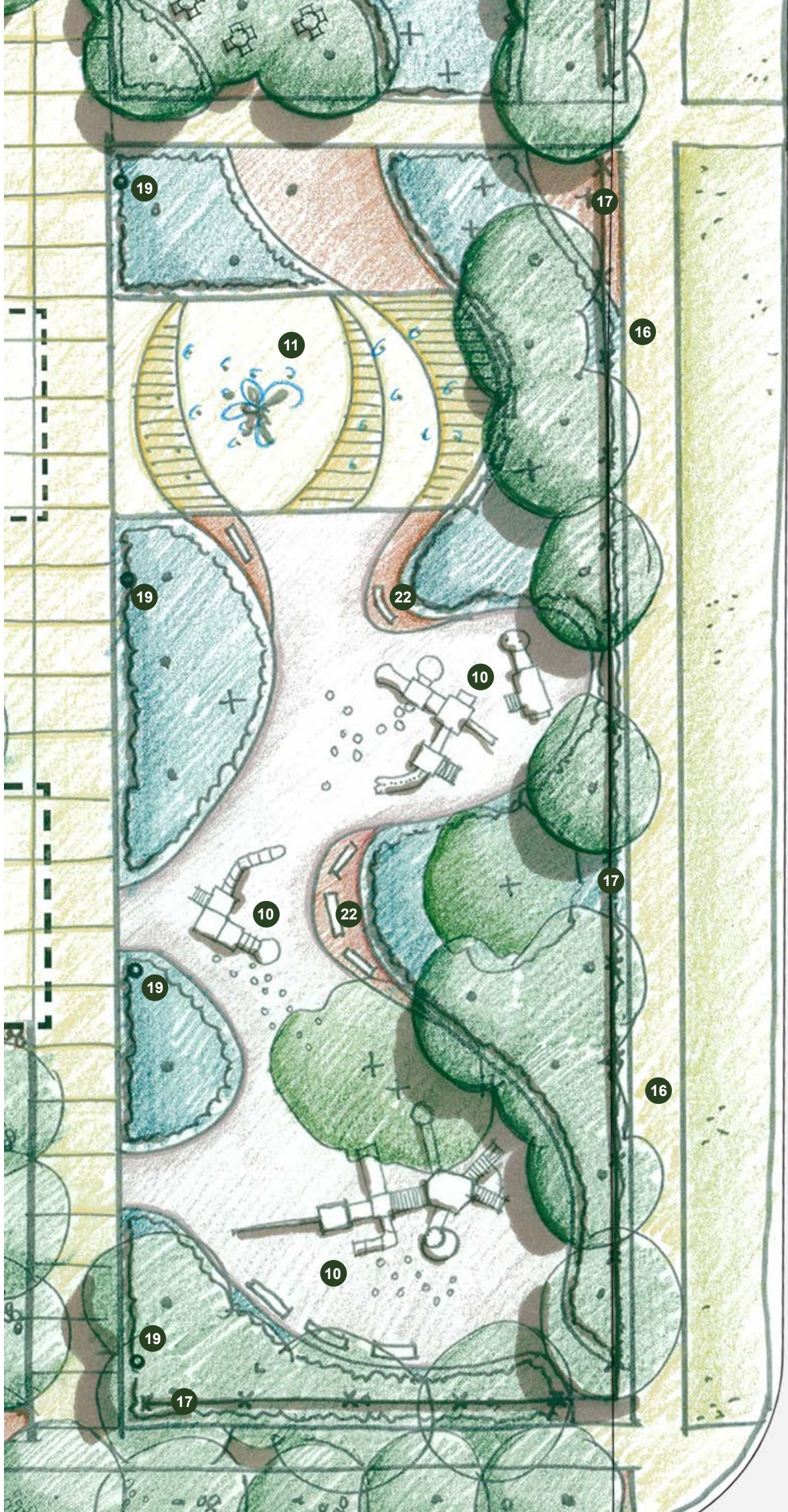


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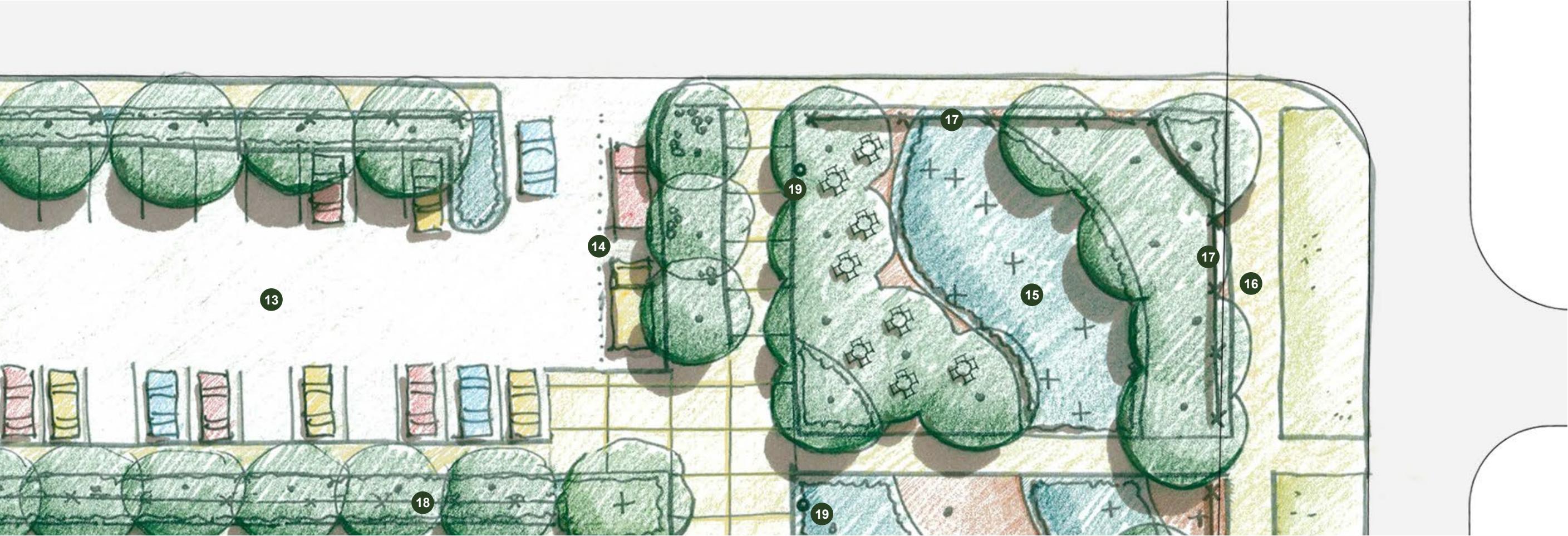
PLAY



LEGEND

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ARRIVAL

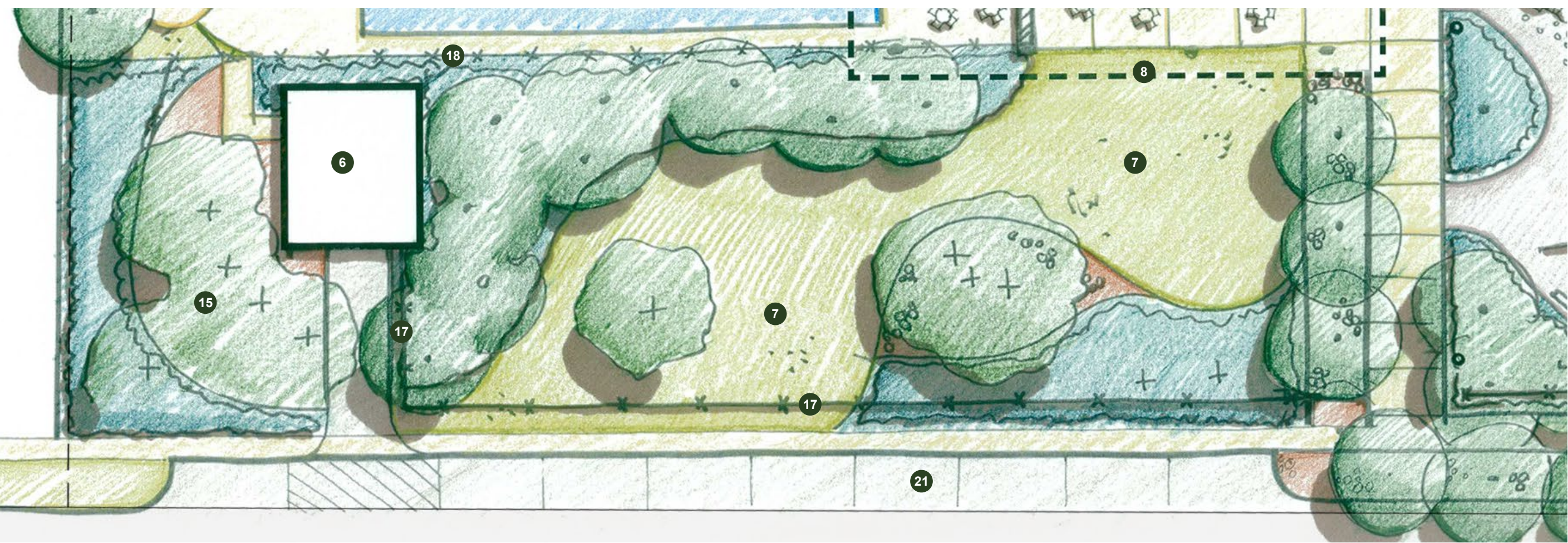


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SOUTH LAWN

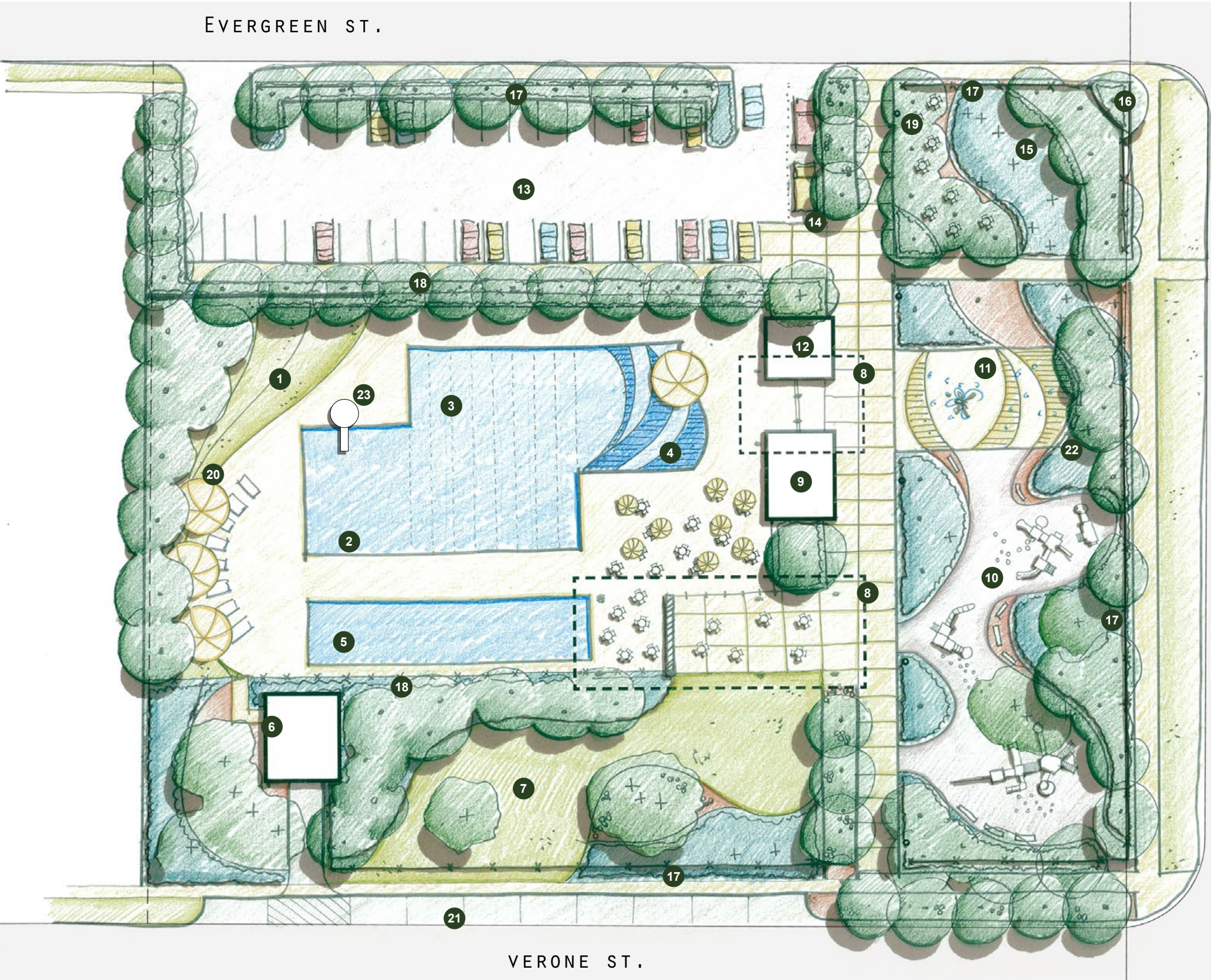


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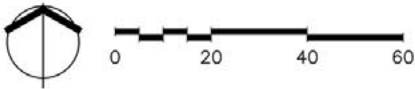
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EVERGREEN PARK MASTER PLAN



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Mayor and Council

7008 S. Rice Avenue
Bellaire, TX 77401



Meeting: 03/23/15 06:00 PM
Department: Parks, Recreation and
Facilities
Category: Discussion
Department Head: Karl Miller
DOC ID: 1507

**SCHEDULED
ACTION ITEM (ID # 1507)**

Item Title:

Presentation by Karl Miller, Director of Parks, Recreation and Facilities, and Sheila Condon, Principal, Clark Condon and Associates, Inc., regarding an update and a design plan for the Holly Street Trail project.

Background/Summary:

In January, City Council allocated \$200,000.00 towards improvements to the Holly Street Trail project, since then two meetings have been held with representatives living on Holly Street.

Based on those meeting a design plan has been developed that will improve the usability of the trail and heighten the natural aesthetics.

The project recommendations will provide drip-line irrigation through out the median, 8 additional trees, the removal of several invasive trees, mulch, approximately 4,500 1" Asian Jasmine plants in various locations to be determined, crushed decomposed granite along the trail and on the end cap at South Rice Blvd., as well as survey work and construction drawings.

Previous Council Action Summary:

During the January 26, 2015 City Council meeting, Council allocated \$200,000.00 for beautification along the Holly Street Trail.

Fiscal Impact:

\$200,000.00, Capital Improvement Fund

Recommendation:

It is the recommendation of the Director of Parks, Recreation and Facilities that City Council accepts the proposed plan presented to Council and directs staff to move forward with their efforts to work with Holly Street residents to finalize and implement a trail beautification project.

ATTACHMENTS:

- HollyStreet_Presentation 032315 (PDF)

MARCH 23, 2015

HOLLY STREET

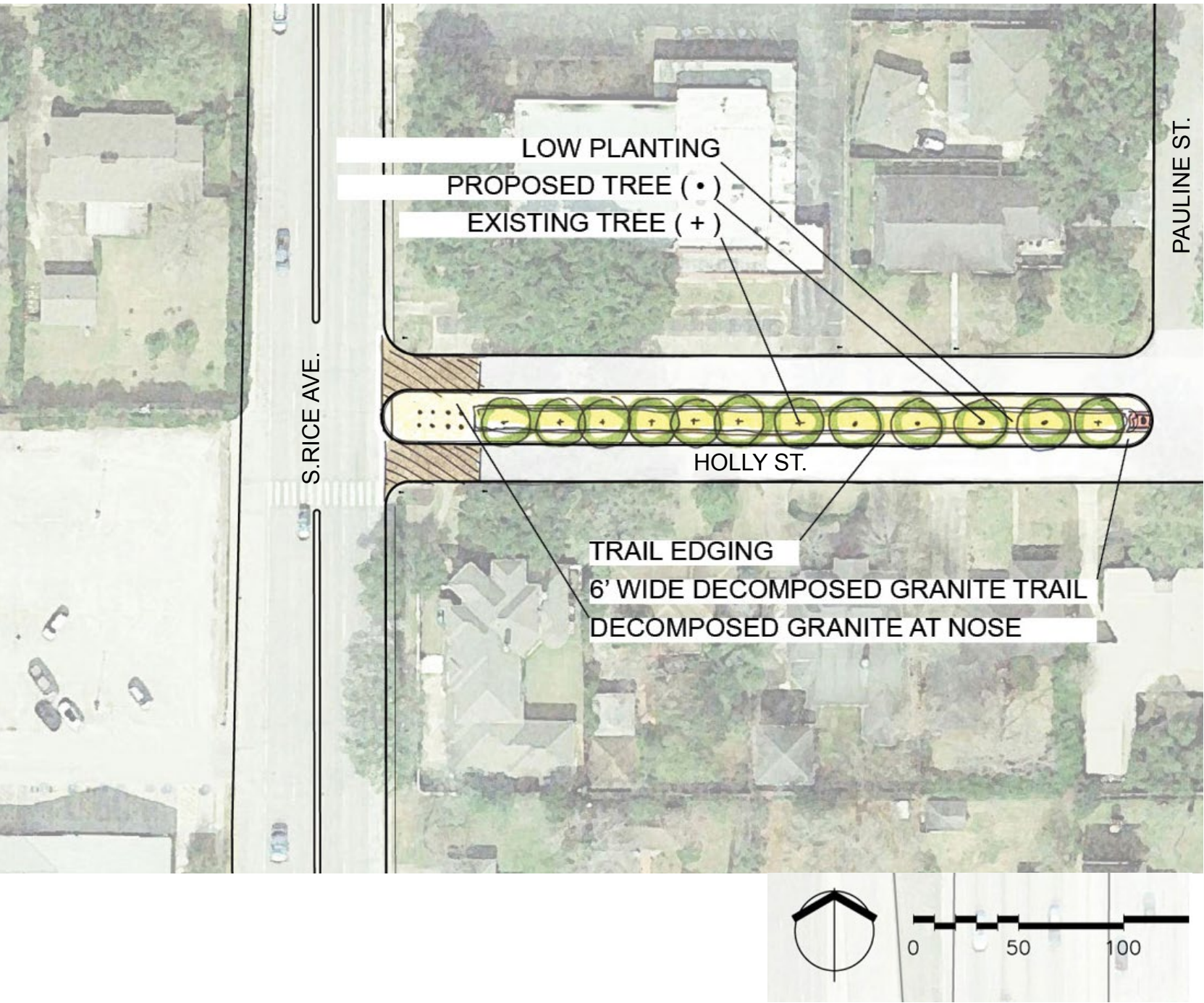
CITY OF BELLAIRE, TX

PRESENTED BY:

CLARK CONDON

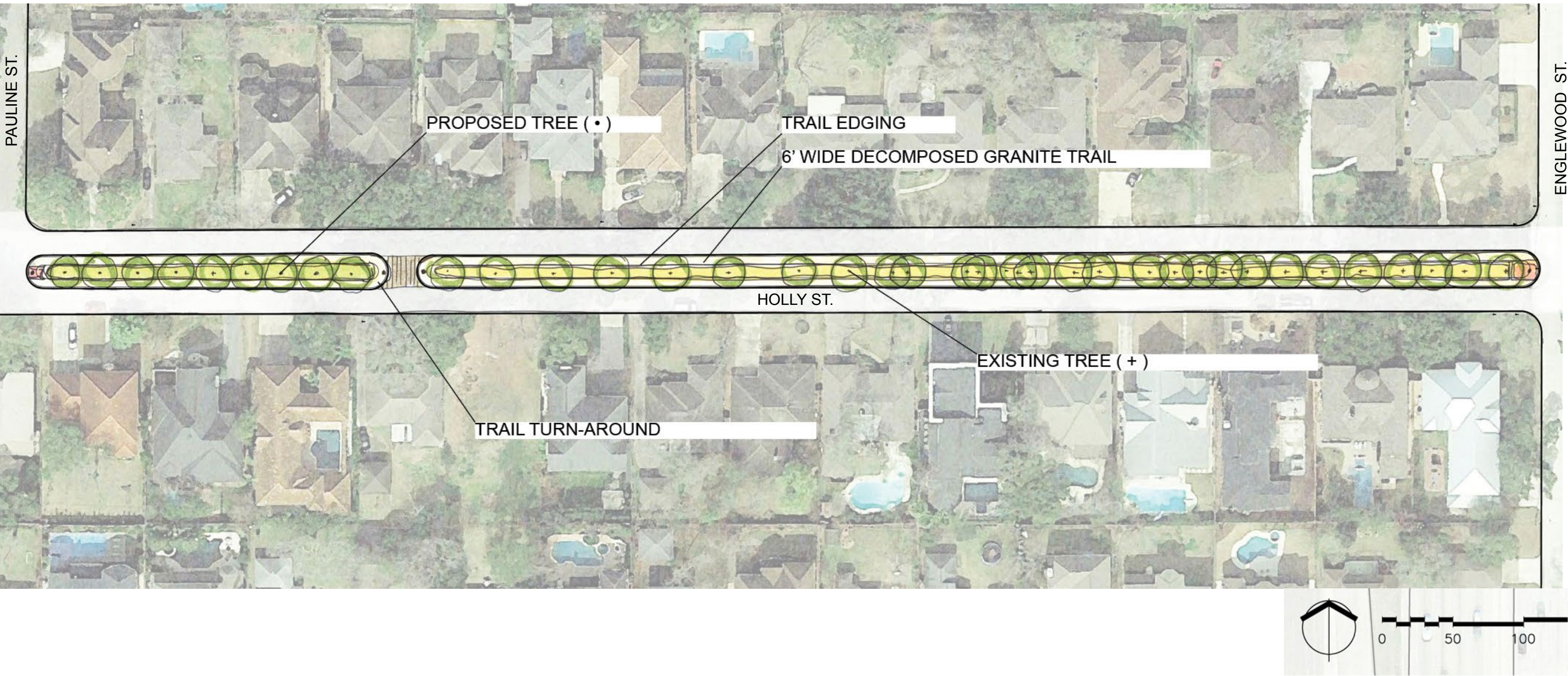
HOLLY STREET PLAN

S.RICE AVENUE TO PAULINE STREET



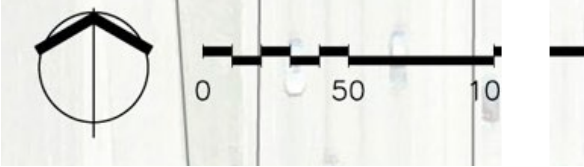
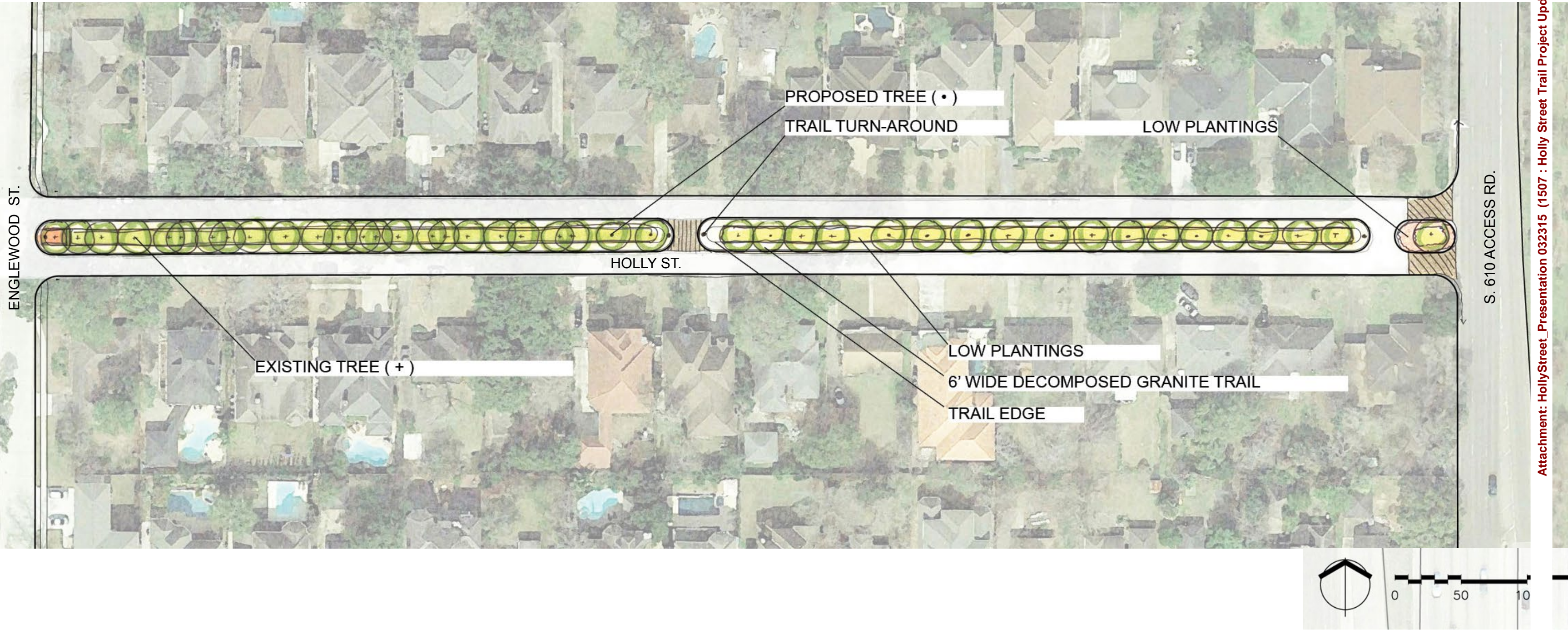
HOLLY STREET PLAN

PAULINE STREET TO ENGLEWOOD STREET

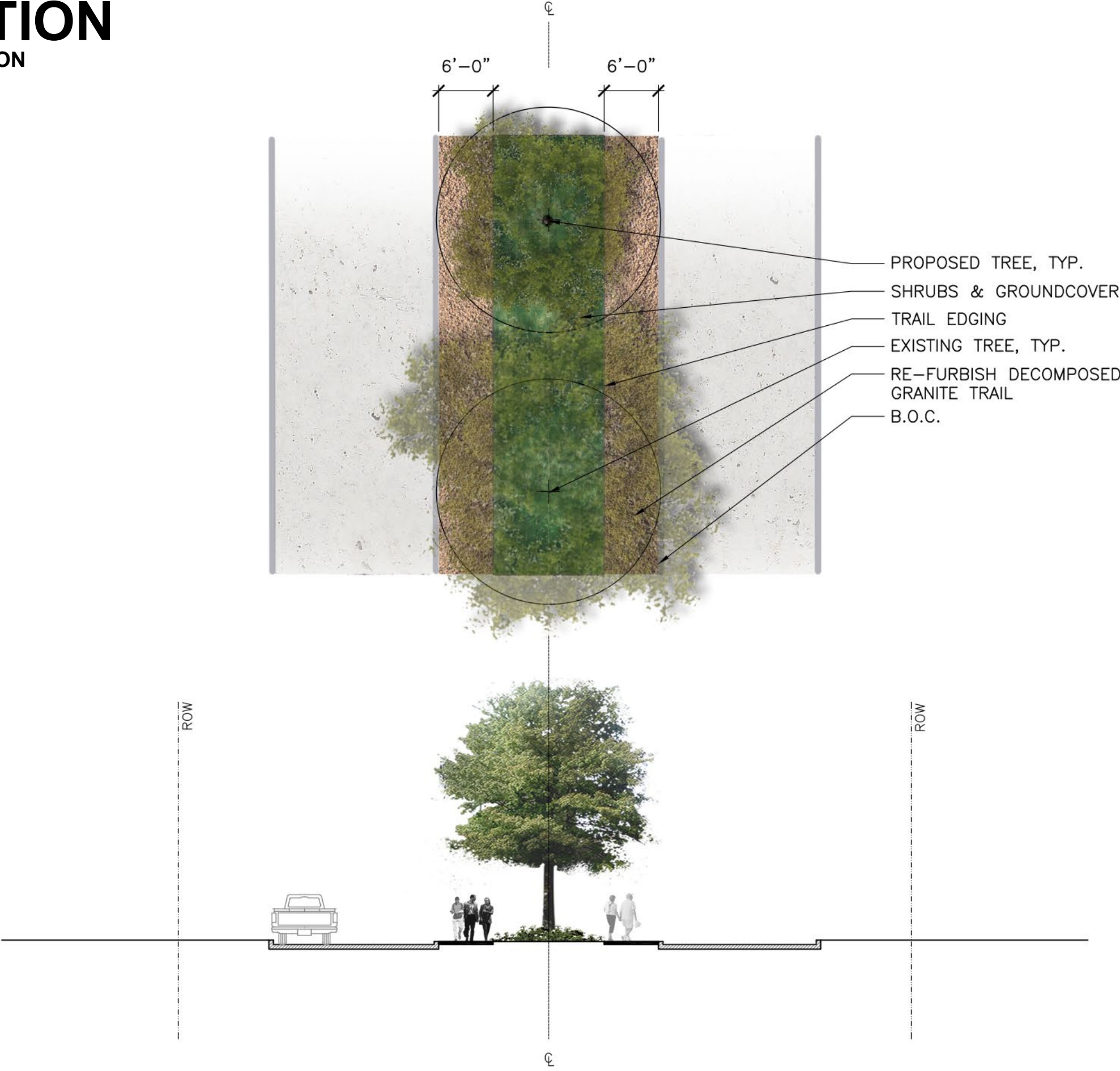


HOLLY STREET PLAN

ENGLEWOOD STREET TO S.610 ACCESS ROAD

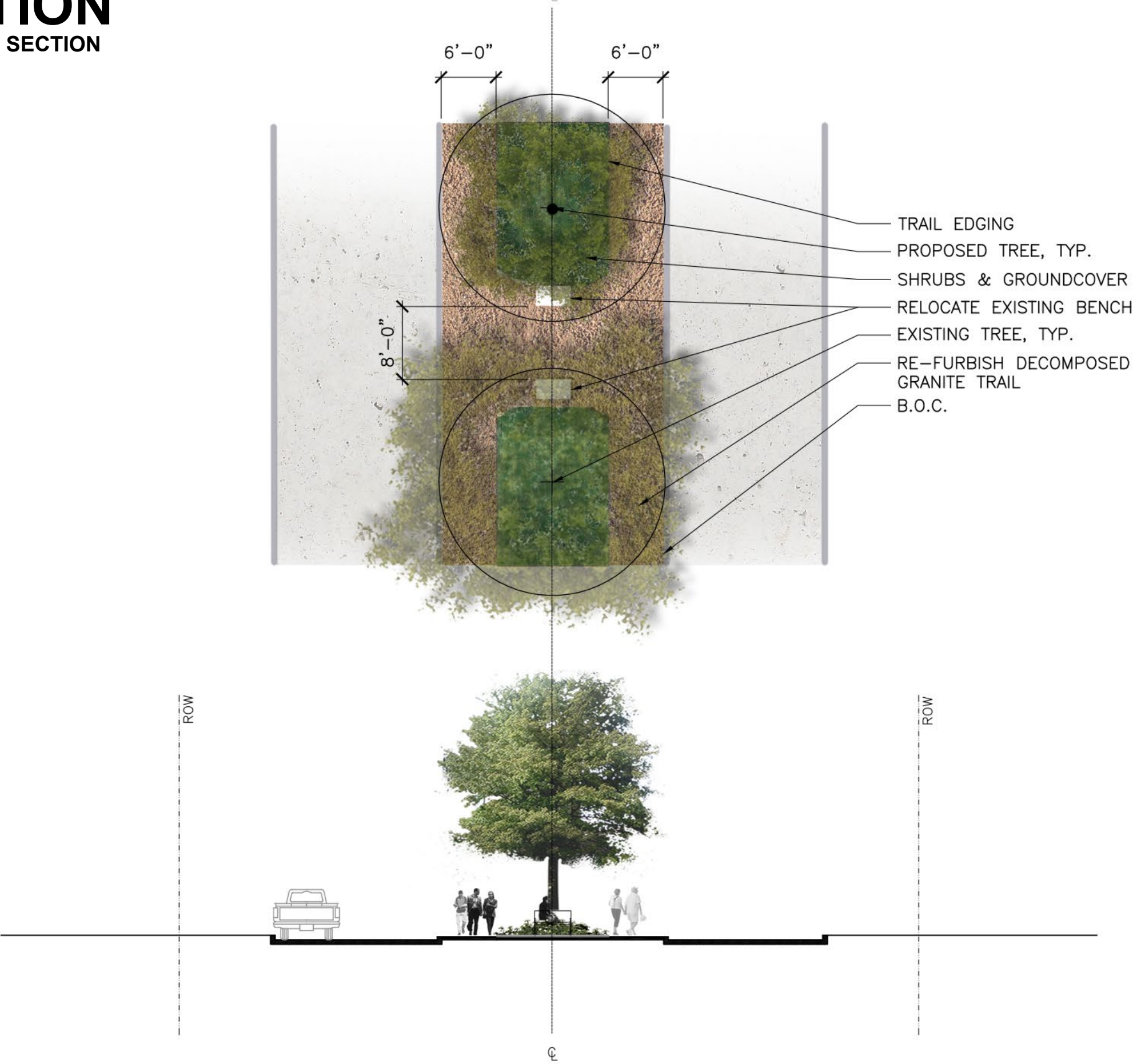


PHASE 1
PLAN + SECTION
TYPICAL MEDIAN CROSS SECTION



PHASE 1

PLAN + SECTION
SEATING NODE TYPICAL CROSS SECTION



Attachment: HollyStreet_Presentation 032315 (1507 : Holly Street Trail Project Update)

BEFORE



AFTER



Mayor and Council

7008 S. Rice Avenue
Bellaire, TX 77401



Meeting: 03/23/15 06:00 PM
Department: Public Works
Category: Report
Department Head: Brant Gary
DOC ID: 1523

**SCHEDULED
ACTION ITEM (ID # 1523)**

Item Title:

Presentation by James Andrews, P.E., City Engineer, regarding an update on the US-59/IH-610 interchange construction.

Background/Summary:

Recent meetings with TXDOT have produced design alternatives to the elevated 59 North to 610 South direct connect. Mayor Nauert has been actively involved in these discussions over the past few months, and his leadership has led directly to TXDOT's responsiveness. This modified design proposes to keep the exit ramp at grade through several design changes. Consistent with our approach, and at TXDOT's request, we had this proposed alternative design reviewed by an independent traffic engineer to confirm the feasibility of this option. This final design of this option has not been completed, but there is a possibility for the need to acquire a very minimal amount of right of way depending upon the final alignment. TXDOT is planning to host a Community meeting regarding this project at some point over the next few months in our civic center.

City Engineer James Andrews, P.E., will present an overview of this proposed alternate design of the US-59/IH-610 interchange along with the analysis performed to members of City Council.

Previous Council Action Summary:

N/A

Fiscal Impact:

N/A

Recommendation:

Director of Public Works Brant Gary recommends acceptance of the update/report into the record.

ATTACHMENTS:

- Memo US59-IH610 draft DEC10 (PDF)



Memo

To: Paul Hofmann City Manager Bellaire, Texas

From: James Andrews P.E. City Engineer Bellaire, Texas

Date: March 19, 2015

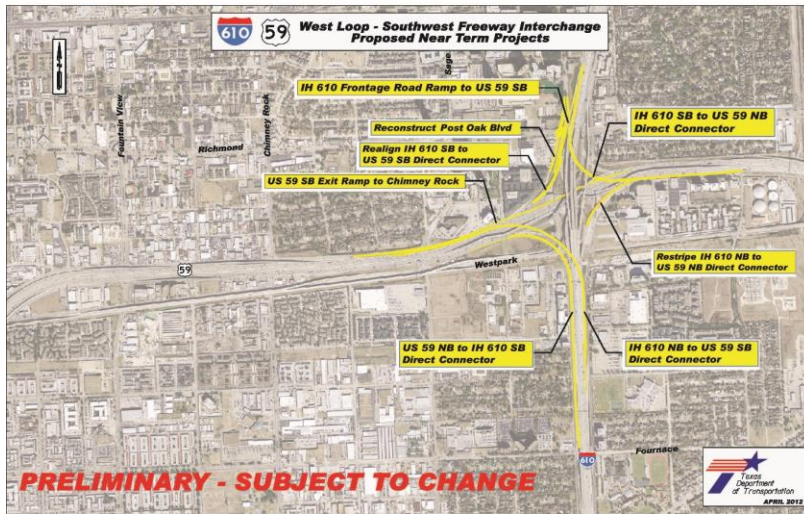
Re: UPDATE TxDOT Improvements to US59 – IH610

As you know, the Texas Department of Transportation (TxDOT) is proposing major improvements to the US 59/IH 610 interchange located in the Cities of Houston and Bellaire, Texas.

According to TxDOT, the proposed interchange improvement project will include the construction of new direct connectors, access ramps, realign Post Oak Boulevard, and reconstruct the IH 610 main lane bridge. It is my understanding that the project will be constructed in three phases.

Phase One Improvements

- Construct US 59 NB to IH 610 SB Connector
- Construct IH 610 NB to US 59 SB Connector
- Construct IH 610 SB to US 59 NB Connector
- Construct Westheimer Ramp to US 59 SB
- Construct US 59 SB Exit Ramp to Chimney Rock
- Construct Realigned Post Oak Blvd
- Realign IH 610 SB to US 59 SB Connector
- Restripe IH 610 NB to US 59 NB Connector



Phase Two and Phase Three Improvements

Phase Two

- Reconstruct US 59 NB to IH 610 NB Connector
- Reconstruct US 59 SB to IH 610 SB Connector

Phase Three

- Reconstruct IH 610 Main Lane Bridge



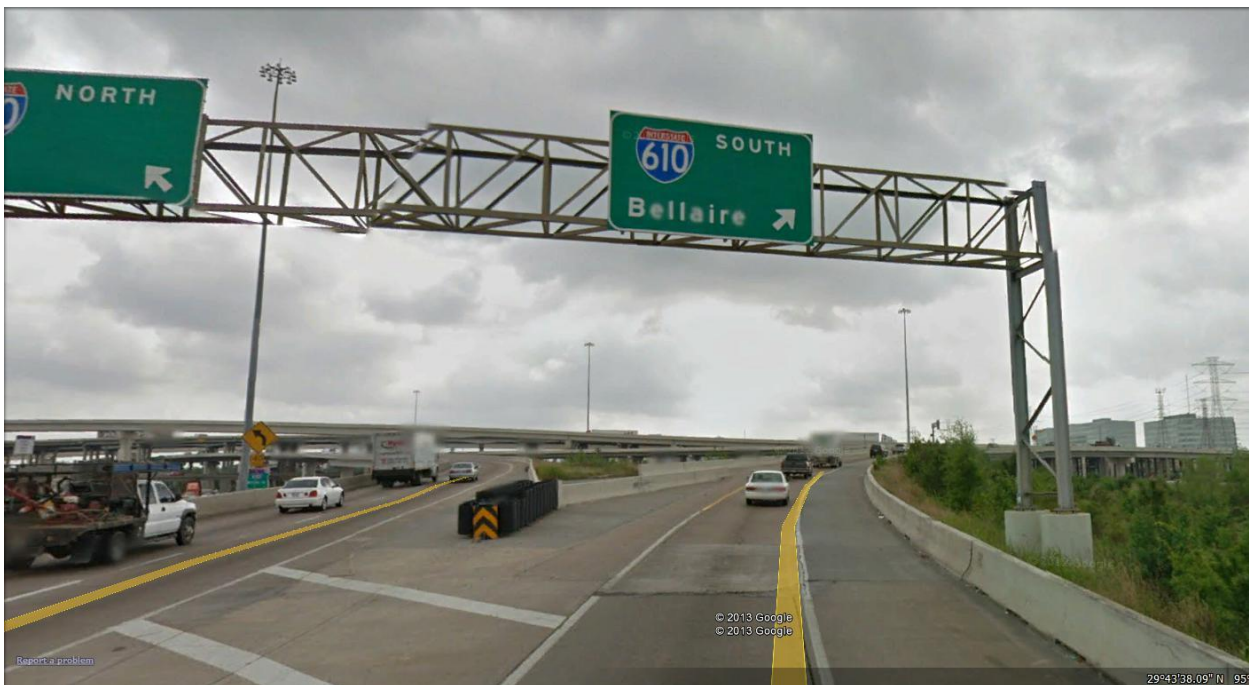
OVERALL IMPROVEMENTS



Attachment: Memo US59-IH610 draft DEC10 (1523 : US-59/IH-610 Interchange Construction Update)

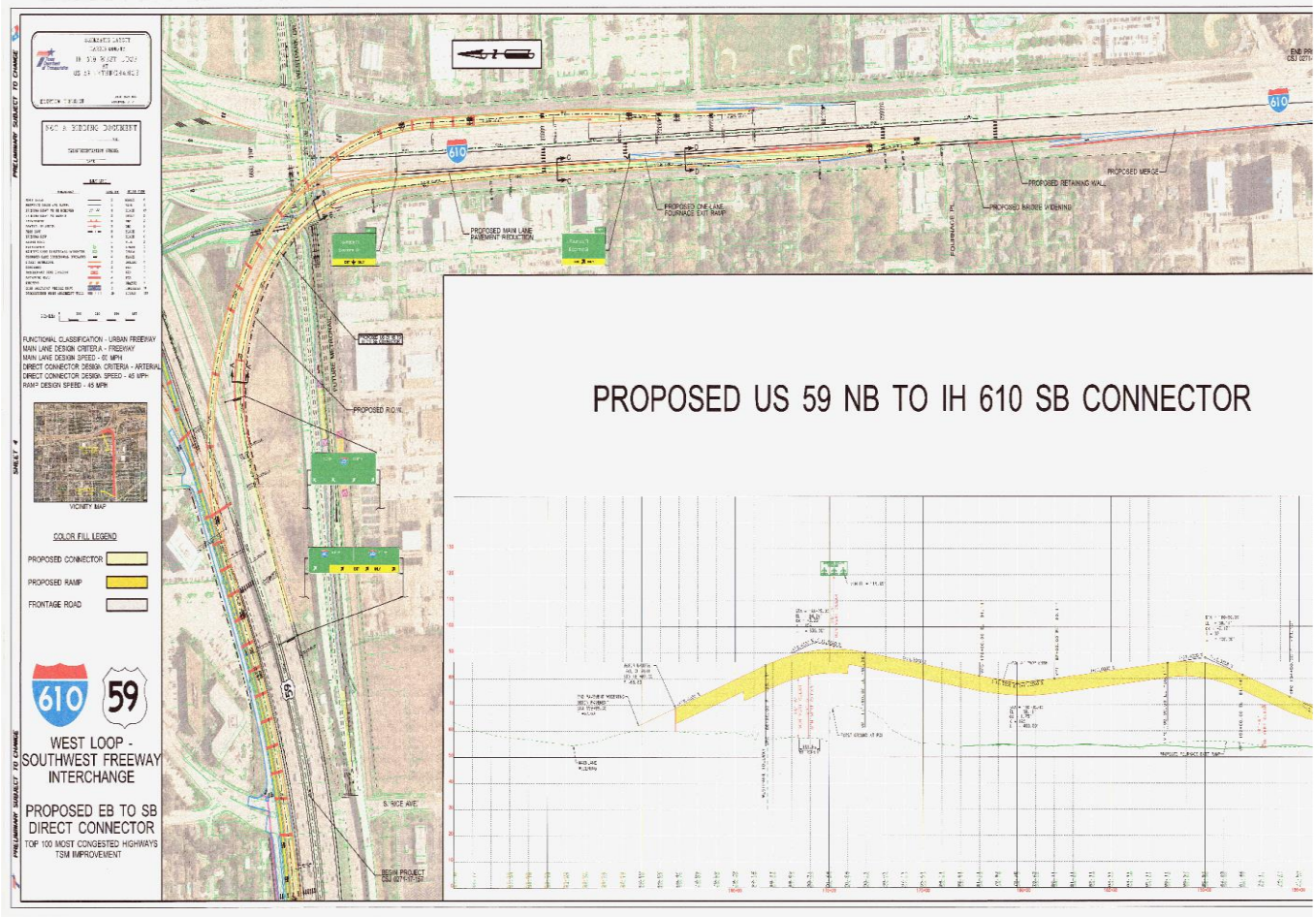
First Project Scheduled – US 59 NB to IH 610 SB Direct Connector

As you know, the first section to be built will be the Direct Connector (DC) from US59 northbound to IH610 southbound. A new two lane DC will replace the existing one lane DC.



Attachment: Memo US59-IH610 draft DEC10 (1523 : US-59/IH-610 Interchange Construction Update)

TxDOT's original proposal was to construct a new two lane direct connector that would be elevated 25 to 35 feet above the IH610 freeway main lanes from the interchange to the bridge at Fournace. This elevated section would be above the IH610 exit to Fournace with no provisions for exiting Fournace from this elevated direct connector. In other words, vehicles traveling US59 north turning onto IH610 south could not exit Fournace.

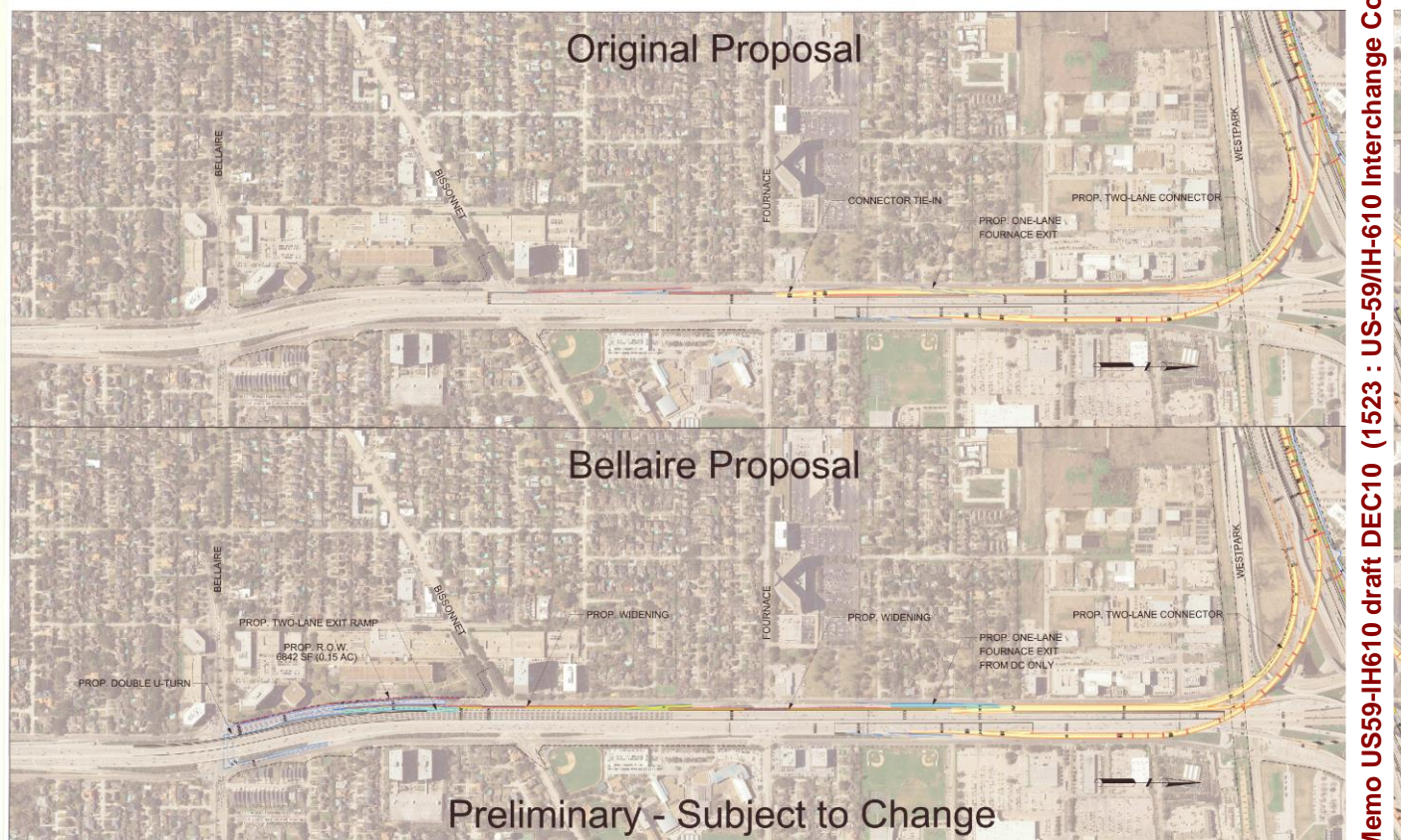


This elevated direct connector was undesirable to City Council. Consequently, Attorney Jim Blackburn was hired to help convince TxDOT to revisit this design concept and look at other options that would not include an elevated section on the west side of IH610 through Bellaire. Jim Blackburn put a team together that included a noise consultant and myself for civil engineering expertise to help TxDOT see

the disadvantages to this elevated section and the advantages to an alternative alignment that could potentially keep this direct connector at grade as it is today.

The problem to solve was to meet the TxDOT requirement for a new two lane direct connector to replace the single lane direct connector and not create a difficult weaving situation caused by the additional lane.

After many meetings led by Mayor Nauert between Quincy Allen, Pat Henry, Bill Brudnick and Patrick Gant of TxDOT and Paul Hofmann, Brant Gary and myself representing Bellaire, TxDOT provided an alternative design concept called “Bellaire Proposal”.

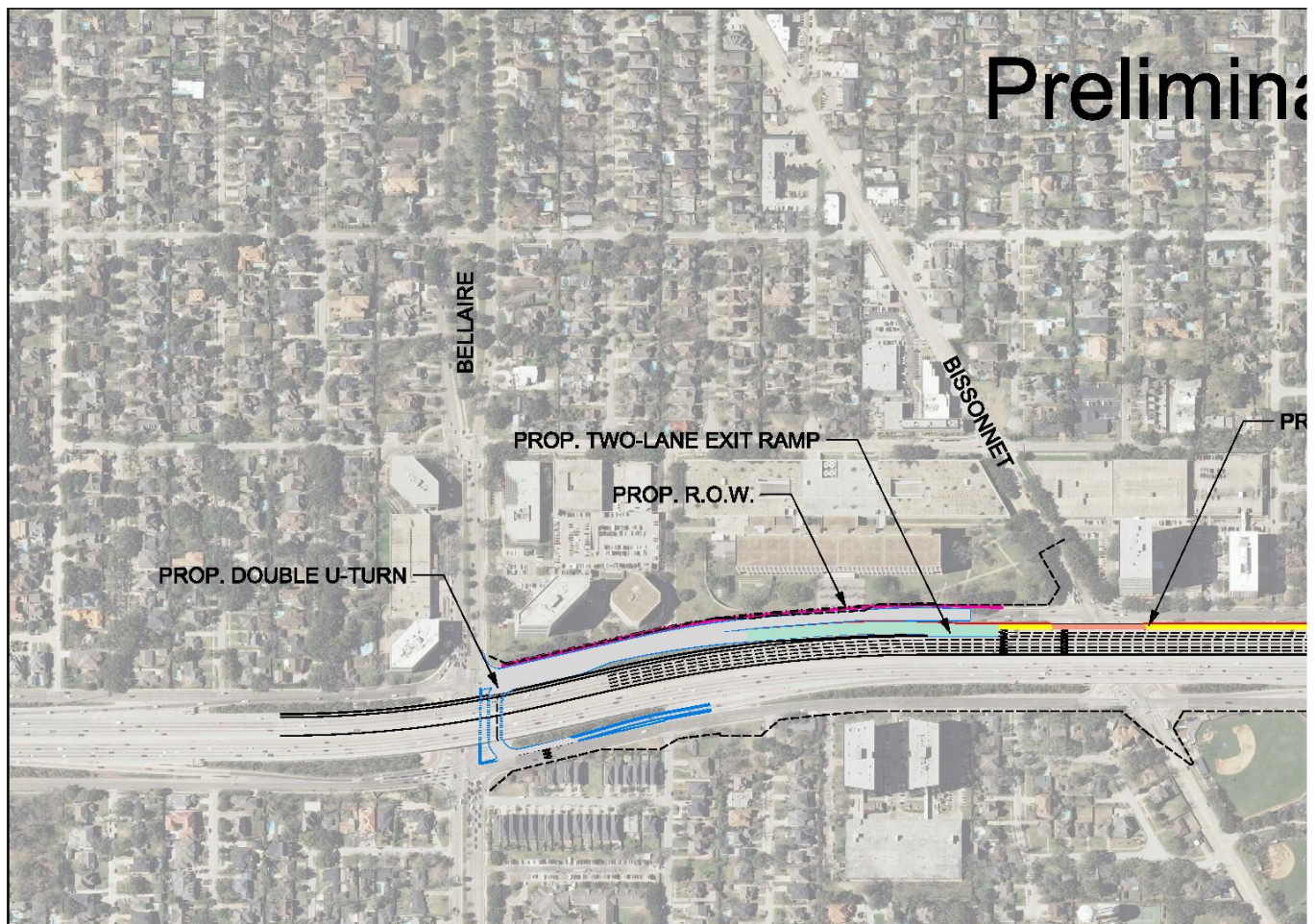


The Bellaire Proposal still includes a two lane direct connector from US59 northbound to IH610 southbound, but without the elevated section. It will approximately follow the vertical alignment of the existing direct connector and allow for vehicles traveling US59 north bound to IH610 southbound to exit Fournace as they do today.

This new option, however takes away the Fournace exit for vehicles traveling south on IH610 main lanes from the Galleria area. This was necessary to prevent potential weaving conflicts with the two lanes from the US59 direct connector and the US59 southbound to IH610 southbound (three lanes of traffic) with any IH610 southbound mainlane traffic trying to exiting Fournace. Because this option removes the

Fournace exit for the vehicles traveling south on the IH610 mainlanes, it has the potential for creating a heavier burden on the exit at Bellaire Blvd.

To provide for this increased traffic projected to exit Bellaire Blvd., TxDOT is proposing to construct a double two lane exit at Bellaire Blvd. The creation of this additional exit lane has the potential for requiring a small amount of right-of-way. Keep in mind, this has not been designed to any great detail and therefore the amount of additional right-of-way needed, if any is required at all, has not been determined.



TxDOT has also proposed a double U-turn at Bellaire Blvd. to potentially help move traffic through the intersection during peak volumes. Our traffic engineer, Harish Narayanappa has conducted an analysis on the intersection comparing the existing volumes and proposed volumes at Bellaire Blvd. created by removing the exit movement at Fournace. He has developed traffic models that show the projected traffic movements and delay times and found that the average delay through that intersection during the high peak times may increase from 2 minutes to 2 ½ minutes because of the additional vehicles. Mr. Narayanappa does not believe this is a significant delay increase.

Even so, we are looking at ways to potentially reduce peak hour delays through the intersection such as removing the traffic island from the northwest corner of the intersection and creating a shared right/thru lane operation to accommodate the anticipated additional right turns.

