



# CITY OF PIEDMONT

## Park Commission Agenda Wednesday, May 1, 2019 5:30 p.m.

City Council Chambers, 120 Vista Avenue, Piedmont, CA

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### Call to Order

Pledge of Allegiance

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### Public Forum

This is an opportunity for members of the audience to speak on an item not on the agenda. The 10 minute period will be divided evenly between those wishing to address the Commission.

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### Regular Agenda

1. Approval of Park Commission Minutes for April 3, 2019
2. Receipt of a Report on Magnolia Avenue Tree Assessment
3. Update on Lower Grand Avenue Triangle and Median Landscape Improvements
4. Consideration of New Trash, Recycle, and Green Waste Containers for Outdoor Public Spaces
5. Update on Hall Fenway Spring Plantings
6. Update on Arbor Day 2019
7. Monthly Maintenance Report: Park, Open Space, and Street Tree Update for the Months of April 2019

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### Announcements, old business and consideration of future agenda items

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### Adjourn

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Materials related to an item on this agenda submitted to the Park Commission are available for public inspection in the Public Works Department during normal business hours.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk at (510) 420-3040. Notification at least two business days preceding the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28 CFR 35.102-35.104 ADA Title II]

In accordance with G.C. Sec. 54954.2(a) this notice and agenda were posted on the City Hall bulletin board and also in the Piedmont Police Department on April 26, 2019.

**DRAFT**

**PIEDMONT PARK COMMISSION**

Regular Meeting Minutes for Wednesday, April 3, 2019

A Regular Session of the Piedmont Park Commission was held April 3, 2019, in the City Hall Council Chambers at 120 Vista Avenue. In accordance with Government Code Section 54954.2(a) the agenda for this meeting was posted for public inspection on March 29, 2019.

**CALL TO ORDER** Chairperson Goodman called the meeting to order at 5:30 p.m.

**PLEDGE OF ALLEGIANCE** Chairperson Goodman led the Pledge of Allegiance.

**ROLL CALL** Present: Chairperson Betsy Goodman; Vice Chairperson Eileen Ruby; Commissioners Amber Brumfiel, Patty Dunlap, Jim Horner, Brian Mahany and Robin Wu

Staff Present: Parks and Project Manager Nancy Kent, Public Works Director Chester Nakahara and Senior Maintenance Worker Nick Millosovich

**PUBLIC FORUM** There were no speakers for Public Forum.

**CEREMONIAL ITEMS** The Piedmont Garden Club, represented by Civic Projects Chairperson Nancy Scott, presented to the City \$5,000.00 to be used for the installation of new string lights at the Community Hall courtyard.

**REGULAR AGENDA**

**Election-Chair & Vice Chair** **Resolved,** that the Park Commission elects Betsy Goodman as Chair and Patty Dunlap as Vice Chair.  
Moved by Ruby, seconded by Brumfiel  
Ayes: Brumfiel, Dunlap, Goodman Horner, Mahany, Ruby, and Wu  
Noes: None

**Minutes** **Resolved,** that the Park Commission approves the Park Commission Minutes for March 6, 2019.  
Moved by Dunlap, seconded by Mahany  
Ayes: Brumfiel, Dunlap, Goodman Horner, Mahany, Ruby, and Wu  
Noes: None

**Landscape Maintenance Contract** Parks and Project Manager Nancy Kent provided an update for the City's landscape maintenance contract for parks and other public facilities. She indicated that the contract with the current vendor will expire at the end of the current fiscal year. She reported that staff refined the scope of work and expanded the work matrix and issued a Request for Proposals for this work. Ms. Kent indicated that staff is reviewing the proposals, which were due on April 2<sup>nd</sup>.

There was no **Public Testimony** on this matter.

Commissioners cited the magnitude of work involved in maintaining public spaces and credited staff for its diligent work.

**Dracena Park Tree Removal, New Tree Planting and Path** Ms. Kent provided background regarding removal hazardous trees in Dracena park. She detailed the background, execution, and public outreach undertaken regarding this project.

## Restoration

Ms. Kent indicated that tree removal and stump grinding work has been completed, and that staff is in the process of repairing and replacing paths. She also noted that staff has proposed planting Redwood and Coast Live Oak trees to take advantage of the additional sunlight the tree removal has created.

She reported that the area of the park which was closed during the work will be reopened shortly, with a small portion remaining closed to accommodate the final portion of path replacement which needs to occur.

Commissioners asked questions regarding the materials used in portions of the project as well as whether wood from the removed trees would be recycled.

There was no **Public Testimony** on this matter.

## 2019 Heritage Tree Designations

Commissioner Horner stated he and Commissioners Dunlap and Wu met and deliberated on eight submissions for possible designation as heritage trees. He indicated that the subcommittee is recommending that the Park Commission designate three groups of trees and two individual trees as Piedmont 2019 Heritage Trees.

1. The Western Redbud trees located at the Wildwood entrance to Witter Field and the dog park section of Piedmont Park.
2. A single Redwood tree on Hazel Lane which dates back to 1913 and is approximately 130 feet tall.
3. A Coast Live Oak tree in Piedmont Park.
4. Evergreen Dogwood trees and Chinese Cornus Capitata trees at City Hall.
5. The Coast Redwood trees at the intersection of Wildwood, Nova and Magnolia which are about 130 feet tall, some of which were planted in the late 1800's.

Commissioners thanked the subcommittee for their work.

There was no **Public Testimony** on this matter.

**Resolved**, that pursuant to Parks Policy #7, hereby designate the following trees as Heritage Trees in the City of Piedmont for 2019

- 1) The group of Western Redbud trees located at the Wildwood entrance Piedmont Park
- 2) The Redwood tree on Hazel Lane
- 3) A Coast Live Oak tree in Piedmont Park.
- 4) The Evergreen Dogwood trees and Chinese Cornus Capitata trees at City Hall.
- 5) The Coast Redwood trees at the intersection of Wildwood, Nova and Magnolia.

Moved by Goodman, seconded by Wu

Ayes: Brumfiel, Dunlap, Goodman Horner, Mahany, Ruby, and Wu

Noes: None

## Arbor Day 2019

Commissioner Mahany reported Arbor Day will be held on April 11<sup>th</sup> at the Community Hall from 5:00 to 7:00 p.m. He distributed the program and said in honor of Arbor Day, the City will plant three Coast Live Oaks to commemorate the work of Piedmont Firefighters during the northern California wildfires of 2017 and 2018. Ms. Kent announced that Piedmont Fire Chief Bret Blackwill be the keynote speaker at the celebration.

There was no **Public Testimony** on this matter.

Commissioners discussed the event, including recycling efforts, the use of compostable materials and signage, as well as refreshments. The Commission confirmed that Commissioner Mahany will photograph the heritage trees.

**Street Tree Plantings**

Ms. Kent stated the Park Commission had previously recommended staff move forward with tree replacement and sidewalk improvements for Zone 1 on Oakmont Avenue. Ms. Kent indicated that along with Public Works Supervisor Dave Frankel, she visited two wholesale nurseries and selected Crape Myrtle trees for the project. She reported that work is expected to begin in early summer.

Ms. Kent then discussed Olive Avenue, reminding the commission of its earlier direction, indicating that field work was under way. She reported that she will bring a full update to the Commission in May.

**Monthly Maintenance Report – March 2019**

Senior Maintenance Worker Nick Milosevich provided the monthly report. He reported that crews have been busy cleaning up from significant rain events, cleaning catch basins, clearing trash racks and debris, and conducting weed abatement.

Mr. Millosovich noted that the annual street tree trimming contract was nearing completion. He reported the removal of several trees and the planting of others, noting that major planting will begin when weather permits.

Ms. Kent reported that Piedmont Garden Club members were working on the native garden today.

**ANNOUNCEMENTS**

Chairperson Goodman reminded everyone that Arbor Day will be held on Thursday, April 11<sup>th</sup> at the Community Hall from 5:00 to 7:00 p.m.

Next Meeting: Wednesday, May 1, 2019.

**ADJOURNMENT**

There being no further business, Chairperson Goodman adjourned the meeting at 6:18 p.m.

City of Piedmont  
PARK COMMISSION AGENDA REPORT

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DATE: May 1, 2019

TO: Park Commissioners

FROM: Nancy B. Kent, Parks and Project Manager

SUBJECT: Receipt of a Report on Magnolia Avenue Tree Assessment

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**BACKGROUND**

Each year, the Public Works Director and City Engineer review the paving budget with the Finance Director, and then compile a list of streets to be considered for rehabilitation. The annual paving project list is developed using a combination of the budget constraints, the recommendations from the Paving Management Program (PMP), on-going Staff observations and evaluations, and inquiries and observations of the public.

Another component of the paving projects is the commitment to implement of the City's Complete Street Policy. On November 19, 2012, the City passed resolution no. 106-12 adopting a Complete Street Policy. Complete Streets are described as "a comprehensive, integrated transportation network with infrastructure and design that allows safe and convenient travel along and across streets for all users, including pedestrians, bicyclists, persons with disabilities, motorists, movers of commercial goods, emergency responders, users and operators of public transportation, seniors, youths and families. " The design of the paving project must address pedestrian access and improvements that comply with 2010 ADA Standards and provide access for individuals with disabilities.

One of the three sections identified for the 2018 paving project is the section of Magnolia Ave. between Hillside Ave. and Nova Dr. The selected segment of Magnolia Ave. is classified as a collector street and is a major access route for both pedestrians and automobiles coming to and from the City center and schools. It experiences a large amount of traffic on a daily basis and is in need of repaving, as the current PCI is 40. The repaving of Magnolia Ave. has been deferred until now so the City could complete the Phase 5 Sanitary Sewer Project, and EBMUD replaced a water main on McKinnon Place, both which required excavations in the street. Phase 5 is now complete so the timing of this work is synchronized well. The work along Magnolia Ave. will include selected curb and gutter replacement and six new pedestrian ramps. In addition, there is other curb/gutters, sidewalks, and ramps that will need to be replaced due to the damage caused by the existing liquidambar street trees. To accomplish this work, and understand the impact of the improvements on the mature street trees, the City consulted with HortScience/Barlett

Consulting.

HortScience/Barlett Consulting completed a Tree Assessment for a total of seventy (70) liquid ambers on Magnolia Ave. The arborist report provided an evaluation of individual tree health, evaluation of project plans and recommendations for actions and guidelines for tree preservation. The primary findings are summarized in Table 1 of the report and listed tree tag number, address, tree condition, proposed action and notes. Also included is the arborist's Tree Assessment- Table 2 which provided additional information including an evaluation of the tree condition, suitability for preservation and arborist's comments. (EXHIBIT B)

Of the seventy trees evaluated, there are forty-seven (47) trees that are designated for removal. Tree removal will include stump grinding to remove roots and stumps in the parking strip. Coastland Engineers will coordinate this process with the City's arborist in order that the tree removals, the new curb/gutters, and the new sidewalks be configured to facilitate the planting of new street trees. New street trees will be planted immediately after the paving project is completed. (EXHIBIT B)

The replacement tree for Magnolia Ave. is the Chinese Pistache, 'Keith Davey' variety. This is a deciduous street tree that is valued for its spectacular fall foliage, umbrella -like crown and it is a non-fruiting variety. In anticipation of this project, the City staff visited wholesale nurseries, hand selected over fifty 24" box trees that are currently at the corporation yard. City staff will care for these trees until they are ready for street tree planting on Magnolia Ave. (EXHIBIT C)



DESIGNED BY WJK	DRAWN BY WJK	REVIEWED BY SRV
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MAGNOLIA AVENUE PAVEMENT BORINGS		
BORING #	AC THICKNESS	AB THICKNESS
B6	7"	5"



## PIEDMONT

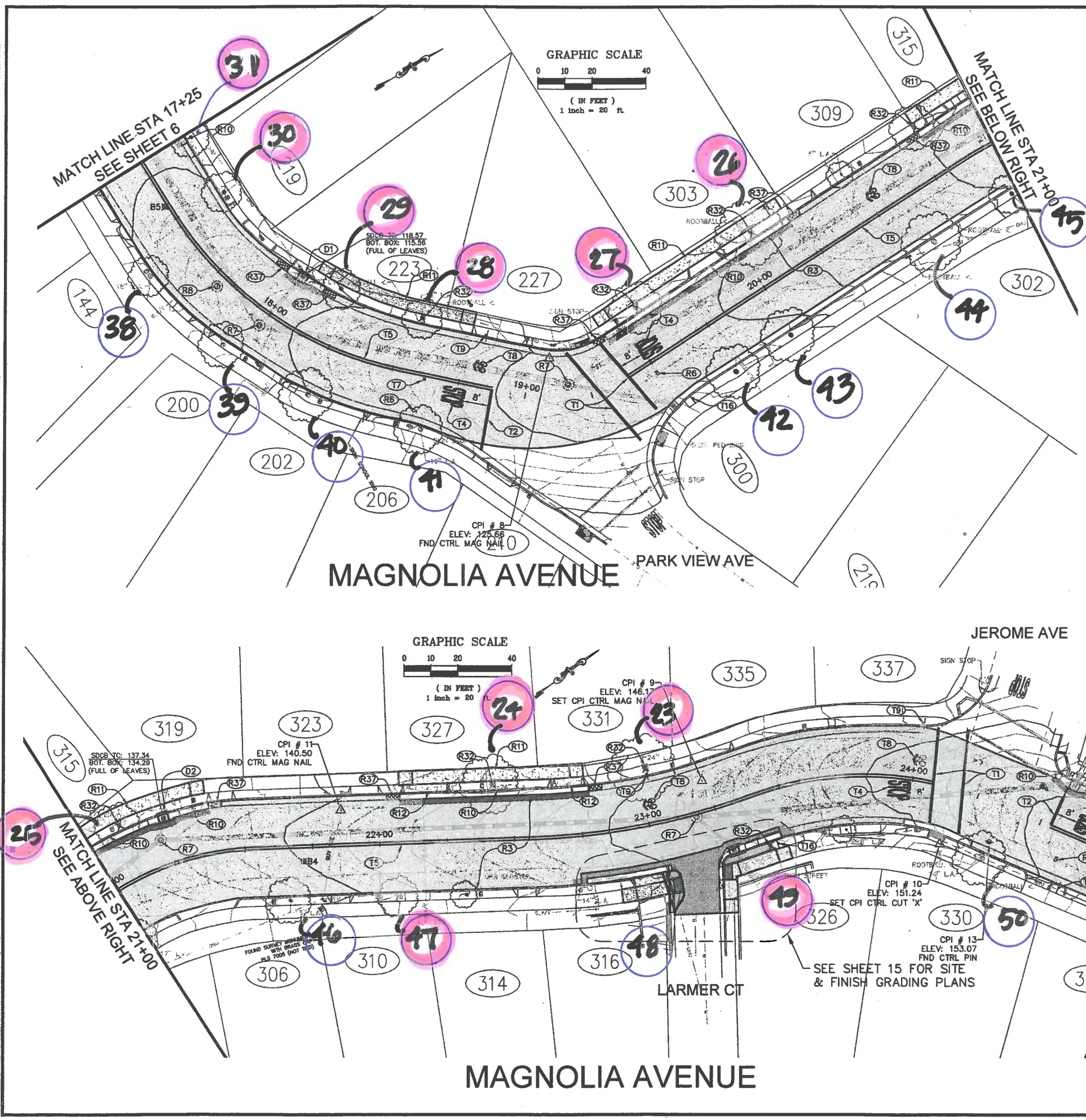
PROJECT NUMBER  
13-3954

DRAWING DATE  
MARCH 2019

SHEET NUMBER  
6 OF 18



FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES



- CONSTRUCTION NOTES:**
- D1 INSTALL MODIFIED CURB INLET "B" PER CITY STD 303-1 & 303-2 AND AC CONFORM PER DETAIL
  - D2 INSTALL CURB INLET "B" PER CITY STD 302-1 & 302-2 AND AC CONFORM PER DETAIL
  - R3 CONSTRUCT OVERLAY PER TYPICAL SECTION
  - R6 ADJUST WATER VALVE BOX FRAME & COVER TO GRADE PER DETAIL
  - R7 ADJUST STORM DRAIN MANHOLE FRAME & COVER TO GRADE PER DETAIL
  - R8 ADJUST SANITARY SEWER MANHOLE FRAME & COVER TO GRADE PER DETAIL
  - R10 REMOVE & REPLACE CURB & GUTTER, MATCH EXISTING TOP OF CURB, PER CITY STD. 101, AND AC CONFORM PER DETAIL
  - R11 REMOVE & REPLACE SIDEWALK PER CITY STD 103-1, CONFORM TO EXISTING SIDEWALK WITH 5' TRANSITION.
  - R12 REMOVE & REPLACE RESIDENTIAL DRIVEWAY PER CITY STD 106 AND AC CONFORM PER DETAIL
  - R32 REMOVE TREE PER PROJECT SPECIFICATIONS.
  - R37 GRIND 5"± OF AC FROM GUTTER PAN & PLACE AC CONFORM.
  - T1 INSTALL YELLOW 12" THERMOPLASTIC CROSSWALK STRIPE PER CALTRANS STD. PLAN A24F.
  - T2 INSTALL WHITE 12" THERMOPLASTIC CROSSWALK/LIMIT LINE STRIPE PER CALTRANS STD. PLAN A24F.
  - T4 INSTALL WHITE THERMOPLASTIC "STOP" LEGEND PER CALTRANS STD. PLAN A24D AND CITY STD. 112.
  - T5 INSTALL DOUBLE YELLOW THERMOPLASTIC-NO PASSING LINES DETAIL 22 PER CALTRANS STD. PLAN A20A WITH 4" TRAFFIC STRIPES.
  - T7 INSTALL BLUE TWO-WAY RETROREFLECTIVE MARKER.
  - T8 INSTALL SHARED ROADWAY BICYCLE THERMOPLASTIC MARKING PER CALTRANS STD PLAN A24C.
  - T9 INSTALL ROAD SIGN R4-11 (18" X 24") ON POST PER CITY STD. 116.
  - T16 INSTALL D11-1 (18" X 24") SIGN ON POST PER CITY STD. DETAIL 116.

**SURVEY CONTROL DATA**

CONTROL POINT NO.	NORTHING	EASTING	ELEV.	DESCRIPTION
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7	2126065.47	6059567.82	135.46	SET CPI CTRL MAG NAIL
8	2125891.04	6059566.41	125.66	FND CTRL MAG NAIL
9	2126271.01	6059674.89	146.17	SET CPI CTRL MAG NAIL
10	2126328.70	6059745.52	151.24	SET CPI CTRL CUT 'X'
11	2126156.64	6059805.12	140.50	FND CTRL MAG NAIL
13	2126343.92	6059755.60	153.07	FND CTRL PIN

**MAGNOLIA AVENUE PAVEMENT BORINGS**

BORING #	AC THICKNESS	AB THICKNESS
B4	5"	6"
B5	7"	6"

**PRELIMINARY**  
90% SUBMITTAL  
DATE: MARCH 2019

PREPARED UNDER THE DIRECTION OF

STEVEN R. VAN SAUN, RCE 86180 DATE  
DESIGNED BY WAK  
DRAWN BY WAK  
REVIEWED BY SRV

**Coastland Civil Engineering, Inc.**  
1400 Neotomas Avenue, Santa Rosa, CA 95405  
707.571.8005 Fax 707.571.8005

CALIFORNIA

2018 PAVEMENT PROJECT

PIEDMONT

MAGNOLIA AVENUE

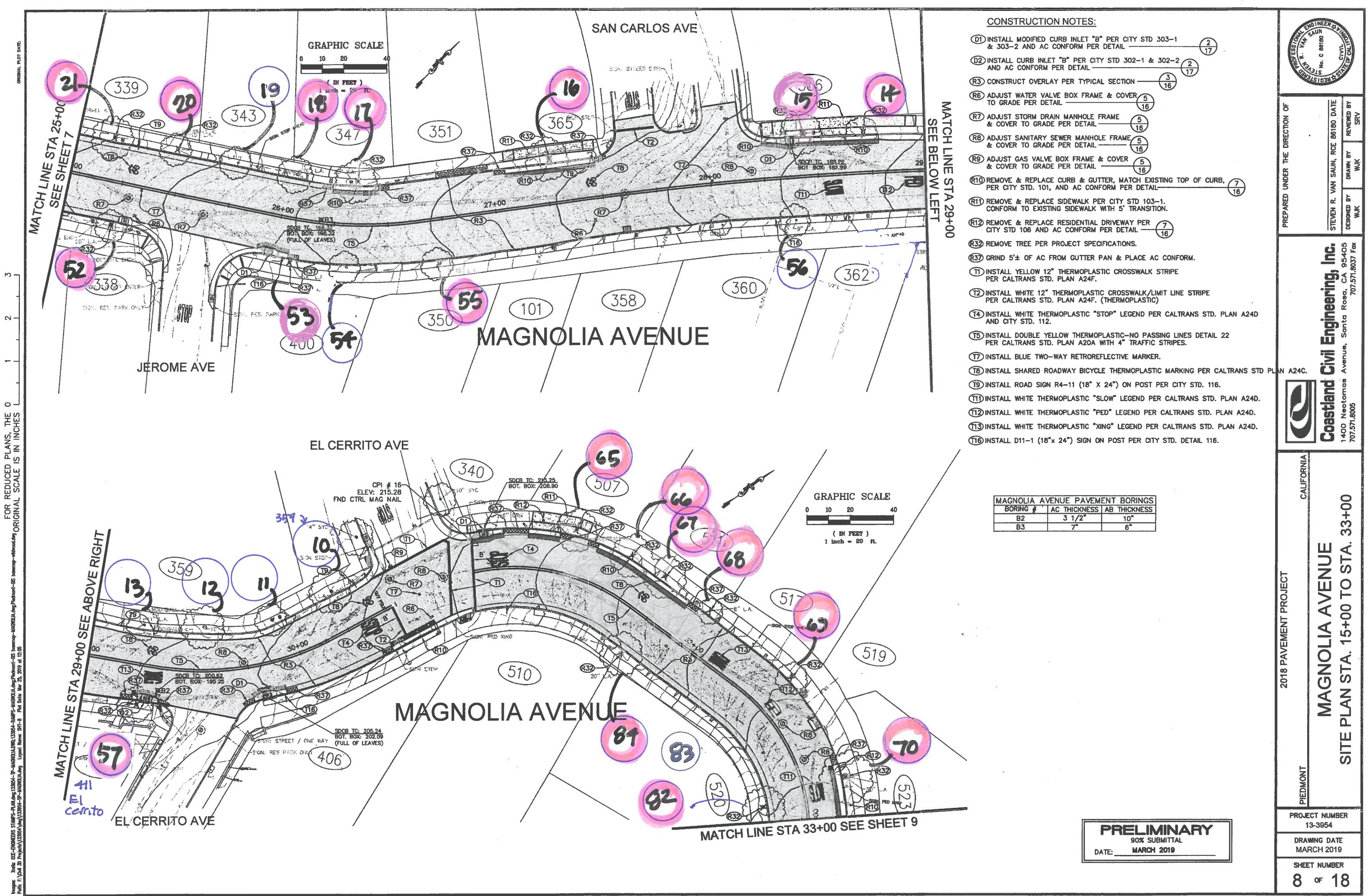
SITE PLAN STA. 17+25 TO STA. 25+00

PROJECT NUMBER  
13-3954

DRAWING DATE  
MARCH 2019

SHEET NUMBER  
7 of 18





FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

PROFESSIONAL ENGINEER & LAND SURVEYOR  
STEVEN R. VAN SAUN  
No. C 88180  
SINCE 1984

PREPARED UNDER THE DIRECTION OF  
STEVEN R. VAN SAUN, RCE 88180 DATE  
DESIGNED BY  
DRAWN BY  
REVIEWED BY  
SRV

2018 PAVEMENT PROJECT

PIEDMONT

CALIFORNIA

PROJECT NUMBER  
13-3954

DRAWING DATE  
MARCH 2019

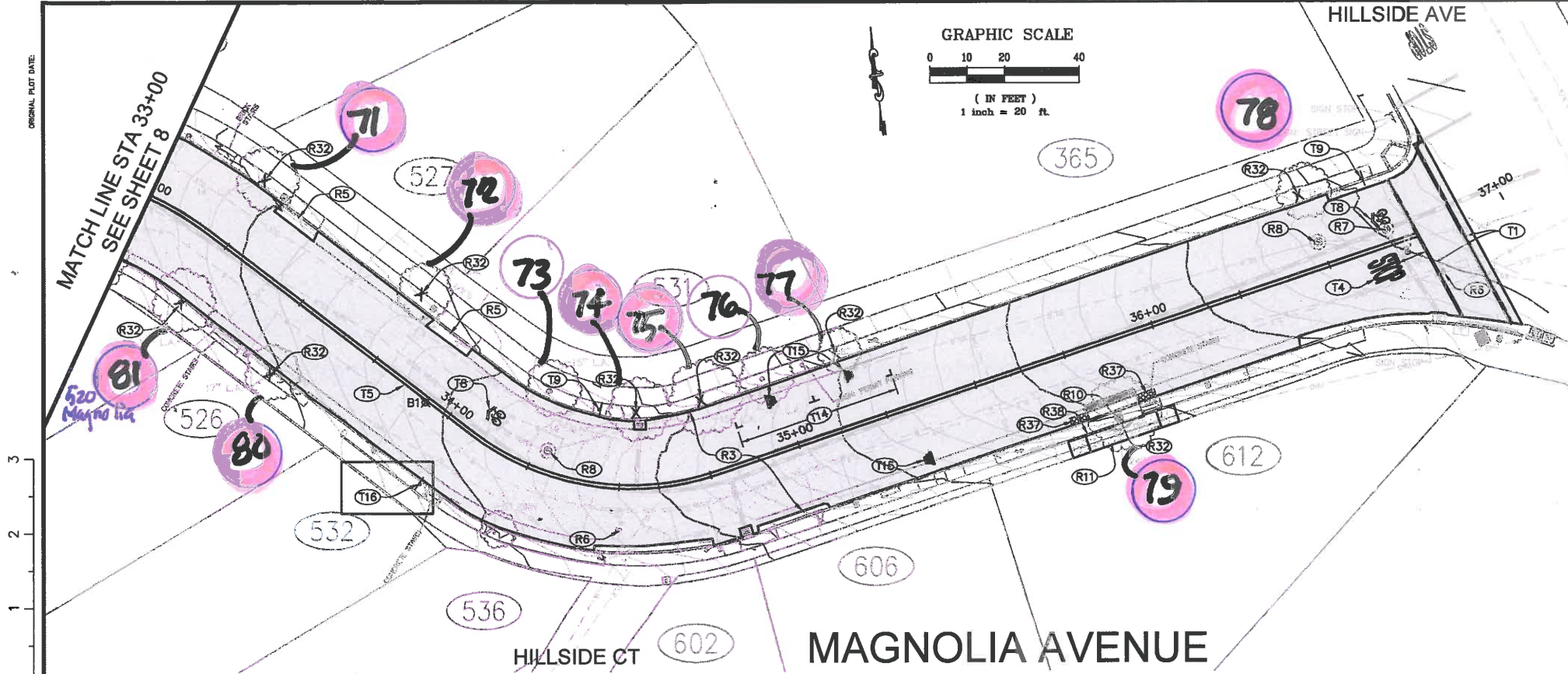
SHEET NUMBER  
8 OF 18

Coastland Civil Engineering, Inc.  
1400 Neotomas Avenue, Santa Rosa, CA 95405  
707.571.8037 Fax 707.571.8005

MAGNOLIA AVENUE  
SITE PLAN STA. 15+00 TO STA. 33+00

PRELIMINARY  
90% SUBMITTAL  
DATE: MARCH 2019





CONSTRUCTION NOTES:

- R3 CONSTRUCT OVERLAY PER TYPICAL SECTION 3/16
- R5 CONCRETE APRON PROTECT & PRESERVE IN PLACE.
- R6 ADJUST WATER VALVE BOX FRAME & COVER TO GRADE PER DETAIL 5/16
- R7 ADJUST STORM DRAIN MANHOLE FRAME & COVER TO GRADE PER DETAIL 5/16
- R8 ADJUST SANITARY SEWER MANHOLE FRAME & COVER TO GRADE PER DETAIL 5/16
- R10 REMOVE & REPLACE CURB & GUTTER, MATCH EXISTING TOP OF CURB, PER CITY STD. 101, AND AC CONFORM PER DETAIL 7/16
- R11 REMOVE & REPLACE SIDEWALK PER CITY STD 103-1. CONFORM TO EXISTING SIDEWALK WITH 5' TRANSITION.
- R32 REMOVE TREE PER PROJECT SPECIFICATIONS.
- R37 GRIND 5'± OF AC FROM GUTTER PAN & PLACE AC CONFORM.
- R38 REMOVE & REPLACE VERTICAL CURB PER CITY STD 105.
- T1 INSTALL YELLOW 12" THERMOPLASTIC CROSSWALK STRIPE PER CALTRANS STD. PLAN A24F.
- T4 INSTALL WHITE THERMOPLASTIC "STOP" LEGEND PER CALTRANS STD. PLAN A24D AND CITY STD. 112.
- T5 INSTALL DOUBLE YELLOW THERMOPLASTIC-NO PASSING LINES DETAIL 22 PER CALTRANS STD. PLAN A20A WITH 4" TRAFFIC STRIPES.
- T8 INSTALL SHARED ROADWAY BICYCLE THERMOPLASTIC MARKING PER CALTRANS STD PLAN A24C. POST PER CITY STD. DETAIL 116.
- T9 INSTALL ROAD SIGN R4-11 (18" X 24") ON POST PER CITY STD. 116.
- T14 INSTALL 4" WHITE PARALLEL PARKING STALL STRIPING PER DETAIL 4/16
- T15 INSTALL WHITE THERMOPLASTIC "RESIDENT PERMIT ONLY" LEGEND.
- T16 INSTALL D11-1 (18"x 24") SIGN ON POST PER CITY STD. DETAIL 116.

MAGNOLIA AVENUE PAVEMENT BORINGS		
BORING #	AC THICKNESS	AB THICKNESS
B1	5"	8"

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707.571.8005 Fax 707.571.8003

2018 PAVEMENT PROJECT

PIEDMONT

CALIFORNIA

**MAGNOLIA AVENUE**  
SITE PLAN STA. 33+00 TO STA. 36+75

PROJECT NUMBER  
13-3954

DRAWING DATE  
MARCH 2019

SHEET NUMBER  
9 OF 18

**PRELIMINARY**  
90% SUBMITTAL  
DATE: MARCH 2019

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES  
ORIGINAL PLOT DATE: 3/20/2019  
1/2" = 10' (IN FEET)  
1/4" = 20' (IN FEET)  
1/8" = 40' (IN FEET)  
1/16" = 80' (IN FEET)  
1/32" = 160' (IN FEET)  
1/64" = 320' (IN FEET)  
1/128" = 640' (IN FEET)  
1/256" = 1280' (IN FEET)  
1/512" = 2560' (IN FEET)  
1/1024" = 5120' (IN FEET)  
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## City of Piedmont

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### **Tree Assessment** **Magnolia Avenue**

**Prepared for:**

City of Piedmont  
120 Vista Avenue  
Piedmont CA 94611

**Prepared by:**

HortScience | Bartlett Consulting  
325 Ray Street  
Pleasanton, CA 94566

**April 26, 2019**





**Tree Assessment**  
Magnolia Avenue  
Department of Public Works  
Piedmont CA

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## Tree Assessment

Magnolia Avenue  
Piedmont CA

### ***Introduction and Overview***

The City of Piedmont Department of Public Works is planning improvements to Magnolia Avenue. The Department requested that HortScience | Bartlett Consulting, Divisions of the F.A. Bartlett Tree Expert Company, assess the health and structural condition of trees, evaluate impacts to trees, and provide recommendations for tree preservation and removal.

This report presents the following information:

1. Evaluation of tree health and structural condition.
2. Evaluation of project plans and recommendations for action.
3. Guidelines for tree preservation.

### ***Assessment Methods***

Trees #65 to 83 were assessed in October 2018; trees #10 to 57 were assessed in April 2019. Tree assessment consisted of a visual inspection from the ground and included the following steps:

1. Identifying the tree as to species.
2. Noting the street address.
3. Attaching a numerically coded metal tag on the trunk of each tree six inches or greater in diameter.
4. Recording the tree's location on a map.
5. Measuring the trunk diameter at a point 54-inches above grade.
6. Evaluating the health and structural condition using a scale of 0 – 5:
  - 5** - A healthy, vigorous tree, reasonably free of signs and symptoms of disease, with good structure and form typical of the species.
  - 4** - Tree with slight decline in vigor, small amount of twig dieback, or minor structural defects that could be corrected.
  - 3** - Tree with moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that might be mitigated with regular care.
  - 2** - Tree in decline, epicormic growth, extensive dieback of medium to large branches, significant structural defects that cannot be abated.
  - 1** - Tree in severe decline, dieback of scaffold branches and/or trunk; most of foliage from epicormic shoots (secondary shoots that arise along the trunk and branches); extensive structural defects that cannot be abated.
  - 0** – Tree is dead.
7. Describing defects in structure, insects or diseases and other aspects of development.
8. Assessing tree suitability for preservation as high, moderate or low.
9. Noting conflicts between trees and infrastructure including root-pavement conflicts and those with overhead electrical lines.

Trees less than six inches in diameter were excluded from the assessment.

### **Description of Trees**

Seventy (70) sweetgum (*Liquidambar styraciflua*) trees were evaluated along Magnolia Avenue. All trees were located in the planting strip between curb and sidewalk (Photo 1). The planting strip was generally 24-inches wide. Groundcover in the planting strip varied from bare ground to turf to low shrubs. Overhead electrical lines were present and varied from either the north or south side of the street.



**Photo 1.** Looking east along section of Magnolia Ave.

Most trees were mature in development but several semi-mature trees were present. Tree trunk diameters ranged from 7- to 38-inches. Over half of sweetgums (36 trees) were between 10- and 19-inches in diameter while 27 were between 20- and 29-inches. Three sweetgums were 30-inches or larger.

Tree condition was variable. Eleven trees were in very poor condition and 40 were in poor condition. Seventeen trees were in fair condition while #68 and 82 were good. The primary factors influencing tree condition were overall form and structure and general vigor. Trees located below or adjacent to electrical lines had been topped (Photo 2). Other trees had been topped, in some cases more than once.



**Photo 2.** Tree #36 was located below overhead electrical lines and had been topped numerous times.

There was a history of branch reduction pruning to manage tree size. Some trees such as #83 had a history of branch failure.

Many trees had thin canopies of foliage and small leaves, an indication of a lack of vigor. This is not surprising considering the recent period of drought and associated restrictions in water use.



Large roots and tree bases were often present within the planting strip, often filling the space between sidewalk and curb. In some cases, root extended into adjacent lawns (Photo 3). Tree roots had lifted and displaced the adjacent sidewalk near 60 of the 70 trees. Displacement was severe in 37 trees. Sidewalk adjacent to six trees was new. The adjacent curb was displaced in 45 of the 70 trees. I observed several instances where buttress roots had been pruned.



Descriptions of individual trees are included in the ***Tree Assessment Form***. Tree locations are noted on the ***Tree Assessment Plan***.

### ***Suitability for Preservation***

Trees that are preserved on development sites must be carefully selected to make sure that they may survive development impacts, adapt to a new environment and perform well in the landscape. Our goal is to identify trees that have the potential for long-term health, structural stability and longevity. Evaluation of suitability for preservation considers several factors:

- **Tree health**  
Healthy, vigorous trees are better able to tolerate impacts such as root injury, demolition of existing structures, changes in soil grade and moisture, and soil compaction than are non-vigorous trees.
- **Structural integrity**  
Trees with significant amounts of wood decay and other structural defects that cannot be corrected are likely to fail. Such trees should not be preserved in areas where damage to people or property is likely.
- **Species response**  
There is a wide variation in the response of individual species to construction impacts and changes in the environment. Sweetgum is generally sensitive to root severance.
- **Tree age and longevity**  
Old trees, while having significant emotional and aesthetic appeal, have limited physiological capacity to adjust to an altered environment. Young trees are better able to generate new tissue and respond to change.
- **Species invasiveness**  
Species which spread across a site and displace desired vegetation are not always appropriate for retention. This is particularly true when indigenous species are displaced. The California Invasive Plant Inventory Database ([www.cal-ipc.org](http://www.cal-ipc.org)) lists species identified as having being invasive. Piedmont is part of the Central West Floristic Province. Sweetgum is not listed as invasive.

Each tree was rated for suitability for preservation based upon its age, health, structural condition and ability to safely coexist within a development environment. Tree suitability for preservation was low for 68 of 70 trees with sweetgums #68 and 82 rated as moderate.

We consider trees with high suitability for preservation to be the best candidates for preservation. We generally do not recommend retention of trees with low suitability for preservation in areas where people or property will be present. Retention of trees with moderate suitability for preservation depends upon the intensity of proposed site changes.

### ***Evaluation of Impacts and Recommendations for Action***

Appropriate tree retention develops a practical match between the location and intensity of construction activities, and the quality and health of trees. The tree assessment was the reference point for tree condition and quality. Impacts from the proposed project were assessed using the Coastland Civil Engineering.

The plan depicted the location of engineering improvements such as new curb, gutter, sidewalk, and drain inlets. These changes will correct drainage issues and conflicts between tree roots and pavement. These alterations will require grade change in some locations. Impacts to trees will arise due to demolition, grading and new construction. Given the extent of surface roots and existing pavement replacement, extensive root removal close to the tree trunk can be expected. Given the poor condition of many trees, such impacts will be beyond the tolerance of the tree for survival.

Based on my assessment of the trees and evaluation of the plans, I recommend preservation of 23 trees and removal of 47 (Table 1). Trees to be preserved are generally located outside areas proposed for construction activities. Sweetgum #55, located at 350 Magnolia Avenue is scheduled for removal as part of a remodel project.

### ***Tree Preservation Guidelines***

The following are recommendations that will assist in successful tree preservation. Tree specific recommendations are included in the next section.

1. Verify the location and tag numbers of all trees. Include trunk locations and tag numbers on all plans.
2. Establish a **TREE PROTECTION ZONE** around each tree to be preserved. No grading, excavation, construction or storage of materials shall occur within that zone.
3. Install protection around all trees to be preserved. Either stack and secure hay bales 6-feet high around tree trunks or employ fencing. No entry is permitted into a tree protection zone without permission of the City's project manager.

**HortScience | Bartlett Consulting**



James R. Clark, Ph.D.  
Certified Arborist WE-0846  
Registered Consulting Arborist #357

**Table 1. Proposed action. Magnolia Avenue. City of Piedmont. Piedmont CA.**

<b>Tree No.</b>	<b>Magnolia Ave. Address</b>	<b>Species</b>	<b>Trunk Diameter (in.)</b>	<b>Condition 1=poor 5=excell.</b>	<b>Proposed Action</b>	<b>Notes</b>
10	359	Sweetgum	19	2	Preserve	Tree in poor condition
11	359	Sweetgum	18	2	Preserve	Tree in poor condition
12	359	Sweetgum	20	2	Preserve	Tree in poor condition
13	359	Sweetgum	15	2	Preserve	Tree in poor condition
14	366	Sweetgum	19	3	Remove	Impacts from project
15	366	Sweetgum	27	2	Remove	Impacts from project
16	365	Sweetgum	29	2	Remove	Impacts from project
17	347	Sweetgum	26	2	Remove	Impacts from project
18	343	Sweetgum	15	2	Remove	Tree in poor condition
19	343	Sweetgum	11	2	Preserve	Tree in poor condition
20	339	Sweetgum	14,11	1	Remove	Impacts from project
21	339	Sweetgum	19	2	Remove	Impacts from project
22	339	Sweetgum	19	2	Remove	Impacts from project
23	331	Sweetgum	29	2	Remove	Impacts from project
24	327	Sweetgum	31	2	Remove	Impacts from project
25	315	Sweetgum	19	1	Remove	Impacts from project
26	303	Sweetgum	28	3	Remove	Impacts from project
27	227	Sweetgum	27	1	Remove	Impacts from project
28	223	Sweetgum	19	2	Remove	Impacts from project
29	223	Sweetgum	17	1	Remove	Tree in poor condition
30	219	um	16	1	Remove	Tree in poor condition
31	215	Sweetgum	18	2	Remove	Tree in poor condition
32	209	Sweetgum	23	2	Remove	Tree in poor condition
33	209	Sweetgum	22	1	Remove	Impacts from project
34	203	Sweetgum	23	1	Remove	Tree in poor condition
35	203	Sweetgum	18	2	Remove	Tree in poor condition
36	102	Sweetgum	29	2	Remove	Tree in poor condition
37	106	Sweetgum	15	3	Preserve	
38	144	Sweetgum	19	3	Preserve	
39	200	Sweetgum	20	3	Preserve	
40	202	Sweetgum	24	3	Preserve	
41	206	Sweetgum	18	2	Preserve	Tree in poor condition
42	300	Sweetgum	22	3	Preserve	
43	300	Sweetgum	23	2	Preserve	Tree in poor condition
44	302	Sweetgum	24	2	Preserve	Tree in poor condition
45	302	Sweetgum	20	2	Preserve	Tree in poor condition
46	306	Sweetgum	15	2	Preserve	Tree in poor condition
47	310	Sweetgum	8,5	2	Remove	Tree in poor condition
48	316	Sweetgum	15	1	Preserve	Tree in poor condition



**Table 1, continued. Proposed action. Magnolia Avenue. City of Piedmont.  
Piedmont CA.**

<b>Tree No.</b>	<b>Magnolia Ave. Address</b>	<b>Species</b>	<b>Trunk Diameter (in.)</b>	<b>Condition 1=poor 5=excell.</b>	<b>Proposed Action</b>	<b>Notes</b>
49	326	Sweetgum	18	2	Remove	Impacts from project
50	330	Sweetgum	18	1	Preserve	Tree in poor condition
51	334	Sweetgum	14	1	Preserve	Tree in poor condition
52	338	Sweetgum	18	2	Remove	Impacts from project
53	400	Sweetgum	15	3	Remove	Impacts from project
54	400	Sweetgum	11	2	Preserve	Tree in poor condition
55	350	Sweetgum	16	1	Remove	Owner removal
56	360	Sweetgum	9	2	Preserve	Tree in poor condition
57	411 El Cerrito	Sweetgum	24	2	Remove	Impacts from project
58	89 Nova	Sweetgum	26	3	Remove	Impacts from project
59	101	Sweetgum	38	3	Remove	Impacts from project
65	507	Sweetgum	22	3	Remove	Impacts from project
66	511	Sweetgum	21	2	Remove	Impacts from project
67	511	Sweetgum	21	3	Remove	Impacts from project
68	511	Sweetgum	7	4	Remove	Impacts from project
69	517	Sweetgum	14	2	Remove	Impacts from project
70	523	Sweetgum	32	2	Remove	Impacts from project
71	527	Sweetgum	18	2	Remove	Tree in poor condition
72	527	Sweetgum	13	2	Remove	Tree in poor condition
73	531	Sweetgum	19	3	Preserve	
74	531	Sweetgum	17	3	Remove	Impacts from project
75	531	Sweetgum	20	3	Remove	Impacts from project
76	531	Sweetgum	13	2	Preserve	Tree in poor condition
77	531?	Sweetgum	8	2	Remove	Tree in poor condition
78	365 Hillside	Sweetgum	13	3	Remove	Impacts from project
79	612	Sweetgum	26	2	Remove	Tree in poor condition
80	526	Sweetgum	22	2	Remove	Tree in poor condition
81	520	Sweetgum	18	2	Remove	Tree in poor condition
82	520	Sweetgum	22	4	Remove	Impacts from project
83	520	Sweetgum	26	3	Preserve	
84	520	Sweetgum	23	2	Remove	Tree in poor condition

# Tree Assessment

**Sweetgum trees**  
Magnolia Ave.  
Piedmont CA  
October 2018; April 2019



TREE No.	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENT
10	569	Sweetgum	19	2	Low	At El Cerrito; new sidewalk; slight lean SE.; topped; below overhead electrical lines; multiple attachments @ 18'; base engulfed by ivy.
11	569	Sweetgum	18	2	Low	Sidewalk displaced; topped; codominant trunks high in crown; bowed apart; low laterals bow out; base engulfed by ivy.
12	569	Sweetgum	20	2	Low	New sidewalk; curb displaced; huge surface roots; low laterals bow out @ tips; upper crown bowed W.; lost central leader.
13	569	Sweetgum	15	2	Low	Sidewalk ground; huge base; decay @ old pruning wound; topped; multiple attachments @ 16'.
14	366	Sweetgum	19	3	Low	Sidewalk & curb displaced badly; huge surface roots; codominant trunks @ 6' & above; rangy form.
15	366	Sweetgum	27	2	Low	At San Carlos; severe displacement of sidewalk & curb; no basal flare; codominant trunks @ 7' & above; topped; just poor.
16	365	Sweetgum	29	2	Low	At San Carlos; severe displacement of sidewalk & curb; multiple attachments @ 10'; topped; below overhead electrical lines; just poor.
17	347	Sweetgum	26	2	Low	Severe displacement of sidewalk & curb; no basal flare; low laterals sweep vertical; overhead electrical lines run thru canopy; one-sided to N.; history of branch reduction.
18	343	Sweetgum	15	2	Low	Severe displacement of sidewalk & curb; huge surface roots; basal cavity to 3'; codominant trunks @ 6' & 7'; lost central leader; stems lean apart.

# Tree Assessment

**Sweetgum trees**  
Magnolia Ave.  
Piedmont CA  
October 2018; April 2019



TREE No.	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENT
19	343	Sweetgum	11	2	Low	Girdling root; low laterals with broad sweep; twig dieback; one-sided to S.
20	339	Sweetgum	14,11	1	Low	Sidewalk displaced; circling root; large surface roots wounded; codominant trunks @ 5' with included bark; upper crown dead & dying.
21	339	Sweetgum	19	2	Low	Sidewalk & curb displaced; circling roots; huge surface roots; codominant trunks @ 7' with decay in attachment; one-sided to W.; lost central leader; rangy form.
22	339	Sweetgum	19	2	Low	Severe displacement of sidewalk & curb; surface roots wounded & decayed; basal cavity on W.; ext. decay; history of branch reduction to control size; lost central leader.
23	331	Sweetgum	29	2	Low	Severe displacement of sidewalk & curb; large surface roots; root pruned in the past; codominant trunks @ 8'; vertical; topped; multiple attachments high in crown; poor crown form; history of branch reduction; twig dieback.
24	327	Sweetgum	31	2	Low	Severe displacement of sidewalk & curb; large surface root wounded & decayed; codominant trunks @ 8' with included bark; 1 stem vertical but with another set of codominant trunks; 2nd stem bowed E. with gap in canopy; low lateral on W. with gap in canopy; decay @ old pruning wounds; twig dieback.
25	315	Sweetgum	19	1	Low	Severe displacement of sidewalk & curb; very large base; leans S.; trunk wound on S. near base; largely dead.

# Tree Assessment

**Sweetgum trees**  
Magnolia Ave.  
Piedmont CA  
October 2018; April 2019



TREE No.	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENT
26	303	Sweetgum	28	3	Low	Severe displacement of sidewalk & curb; extreme surface roots & base; typical form & structure but one-sided to N.; laterals sweep upright but bow out @ tips; lacks vigor; history of pruning to manage form.
27	227	Sweetgum	27	1	Low	Severe displacement of sidewalk & curb; extreme surface roots; low laterals with broad sweep; below overhead electrical lines; topped; poor form & structure.
28	223	Sweetgum	19	2	Low	Severe displacement of sidewalk; very large surface roots & base; below overhead electrical lines; topped & crown reduced; laterals on S. heavy over street.
29	223	Sweetgum	17	1	Low	Severe displacement of sidewalk; very large surface roots wounded & decayed; below overhead electrical lines; topped & crown reduced; laterals on S. heavy over street.
30	219	Sweetgum	16	1	Low	Severe displacement of sidewalk & curb; large base; leans S.; adj. to overhead electrical lines; topped & crown reduced; just poor.
31	215	Sweetgum	18	2	Low	Sidewalk & curb displaced; circling roots; low laterals either lean out or have broad sweep; below overhead electrical lines; topped & reduced.
32	209	Sweetgum	23	2	Low	Severe displacement of sidewalk & curb; large base & surface root; multiple attachments @ 8'; laterals with broad sweep; below overhead electrical lines; topped & branch reduction to manage size.



# Tree Assessment

**Sweetgum trees**  
Magnolia Ave.  
Piedmont CA  
October 2018; April 2019



TREE No.	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENT
33	209	Sweetgum	22	1	Low	Severe displacement of sidewalk & curb; large base & surface root; multiple attachments @ 7'; laterals with broad sweep; below overhead electrical lines; topped & branch reduction to manage size; large lateral on N. a hazard beam with lots of weight.
34	203	Sweetgum	23	1	Low	Severe displacement of sidewalk & curb; no basal flare; multiple attachments @ 9'; below overhead electrical lines; topped; just poor.
35	203	Sweetgum	18	2	Low	At McKinnon; severe displacement of sidewalk & curb; low laterals with broad sweep; below overhead electrical lines; topped.
36	102	Sweetgum	29	2	Low	At Nova; new sidewalk already displaced; surface roots pruned?; low laterals with broad sweep; below overhead electrical lines; topped; wide crown with end weight.
37	106	Sweetgum	15	3	Low	Sidewalk lifted; large base & surface roots; low laterals with broad sweep; topped twice; somewhat typical form & structure with lots of pruning.
38	144	Sweetgum	19	3	Low	Severe displacement of sidewalk; large surface root; high crown; typical form & structure; laterals with broad sweep; lots of pruning.
39	200	Sweetgum	20	3	Low	Severe displacement of sidewalk; large surface root; codominant trunks @ 6'; multiple attachments @ 7'; generally upright; lost central leader.
40	202	Sweetgum	24	3	Low	Severe displacement of sidewalk & curb; large base; crown raised; lots of pruning; horizontal laterals result in wide crown.

# Tree Assessment

**Sweetgum trees**  
Magnolia Ave.  
Piedmont CA  
October 2018; April 2019



TREE No.	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excell.	SUITABILITY for PRESERVATION	COMMENT
41	206	Sweetgum	18	2	Low	Severe displacement of sidewalk & curb; large base & surface roots; topped; lost central leader; lots of reduction pruning; low laterals with broad sweep.
42	300	Sweetgum	22	3	Low	Sidewalk & curb displaced; very large surface root; girdling root; low laterals with broad sweep bow out @ tips; somewhat typical form & structure; lost central leader high in crown.
43	300	Sweetgum	23	2	Low	New sidewalk; codominant trunks @ 7'; slight lean apart; 1 stem topped; lots of pruning.
44	302	Sweetgum	24	2	Low	Severe displacement of sidewalk & curb; extremely large surface roots & base; codominant trunks @ 6'; below overhead electrical lines; topped. wide crown with long horizontal laterals.
45	302	Sweetgum	20	2	Low	New sidewalk; no basal flare; codominant trunks @ 6'; below overhead electrical lines; topped & crown reduced; decay @ old pruning wounds; crown one-sided over the street.
46	306	Sweetgum	15	2	Low	Sidewalk displaced; big base; below overhead electrical lines; topped; horizontal lateral over street.
47	310	Sweetgum	8,5	2	Low	Poor form & structure; codominant trunks @ base with included bark; sidewalk displaced.
48	316	Sweetgum	15	1	Low	Severe displacement of sidewalk; poor form & structure; below overhead electrical lines; topped.
49	326	Sweetgum	18	2	Low	Sidewalk displaced; large surface roots fill planting strip; below overhead electrical lines; topped & reduced.

## Street Tree for Magnolia Ave. : Chinese Pistache 'Keith Davey'



EXHIBIT C





# CITY OF PIEDMONT CALIFORNIA



Public Works Department

## **PUBLIC NOTICE**

**NOTICE IS HEREBY GIVEN** that the Piedmont Park Commission will consider an arborist's report entitled Magnolia Avenue Tree Assessment April 2019.

The City hired consulting arborists HortScience/Barlett Consulting to prepare a report on sixty-eight sweetgum (*Liquidambar styraciflua*) trees along Magnolia Avenue. The report provides an assessment of tree health and structural conditions, assessment of tree risk and management recommendations for the sixty-eight sweetgum trees.

On September 4, 2018, the City Council received a report on the 2018 Paving Project for the City and Magnolia Ave. was included in the list of streets designated for rehabilitation. The selected segment of Magnolia Ave. between Hillside Ave. and Nova Drive is classified as a collector street and is a major access route for both pedestrians and automobiles coming to and from the City center and schools. The work along Magnolia Ave. will include selected curb and gutter replacement and new pedestrian ramps. In addition, there may be other curb/gutters, sidewalks, and ramps that will need to be replaced due to the damage caused by the existing liquidambar street trees. The City Engineer, Coastland Engineers and consulting arborists, HortScience/Barlett Consulting have reviewed the engineering work that is required to install the new paving, curb and gutter, and pedestrian ramps and have designated the street trees that will need to be removed in order for these improvements to be installed. Coastland Engineers will coordinate this process with the City's arborist in order that the tree removals, the new curb/gutters, and the new sidewalks be configured to facilitate the planting of new street trees.

This is your official notification of this request. The matter will be heard by the Piedmont Park Commission at their meeting on **Wednesday, May 1, 2019 at 5:30 p.m. in the City Council Chambers, located in City Hall, 120 Vista Avenue.**

You are invited to attend the Park Commission meeting and express your opinion. You may choose to write your opinion and address the response to the Piedmont Park Commission, c/o Nancy Kent, 120 Vista Avenue, Piedmont, CA 94611 or send an e-mail to [nkent@piedmont.ca.gov](mailto:nkent@piedmont.ca.gov).

All Park Commission meetings are televised live on KCOM-TV, Channel 27, the City's government access TV station. The meeting will also be streamed live on the City's website <http://www.ci.piedmont.ca.us/video>.

For further information, contact Parks and Project Manager Nancy Kent at 420-3064 or via email at [nkent@piedmont.ca.gov](mailto:nkent@piedmont.ca.gov).

Posted: 04/24/19

City of Piedmont  
PARK COMMISSION AGENDA REPORT

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DATE: May 1, 2019

TO: Park Commissioners

FROM: Nancy B. Kent, Parks and Project Manager

SUBJECT: Update on Lower Grand Avenue Triangle and Median Landscape Improvements

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BACKGROUND

At the June 6, 2018 Park Commission meeting, the Commission received an update from Public Works Director Chester Nakahara on the Lower Grand landscape triangle. In his update, Director Nakahara, stated that the new triangle would help direct the flow of car traffic on Grand Ave. and make a more aesthetically pleasing entrance to Lower Grand Ave. Similar to the Linda Kingston Triangle, excess paving will be removed, green infrastructure incorporated into the design and the new triangle planted to complement the adjacent Light the Lantern planting area.

The City has received from our City Engineer a preliminary footprint for the triangle as well as a base map for the landscape median. The landscape median that separate Grand Ave. and Lower Grand will also receive planting and irrigation upgrades.

Now that EBMUD and AT&T are no longer working on the street, the City has started the planning process for the new triangle and landscape upgrades for the median.

City staff has been in the field going door to door and discussing with the residents specific concerns for improving the landscaping on the median. Two major concerns that have been expressed thus far include the desire for additional screening from Grand Ave. and the need for more flowering and evergreen trees.

In the next several weeks, staff will continue to contact neighbors and will be identifying plants that need to be removed in preparation for the new planting plan. The median improvements are scheduled to be completed by late summer.



# Option for New Trash, Recycling and Green Waste Containers for Outdoor Public Spaces

EXHIBIT A



Guiding principles for the City's new containers include:

- Aesthetically attractive container designs, with color coding that clearly denotes the desired material for each container (blue for recycling, green for compostable and black for trash)
- Options for educational messaging such as descriptive text or images OR City or recycling logos
- Well designed, functional containers that have durable lids, are easily serviced and maintained



Three different color containers, black for garbage, green for compostable and blue for recycling, metal design, serviced from the top. Units could be placed in clusters or in pairs.

City of Piedmont  
PARK COMMISSION AGENDA REPORT

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DATE: May 1, 2019  
TO: Park Commissioners  
FROM: Nancy B. Kent, Parks and Project Manager  
SUBJECT: Update on Hall Fenway Spring Planting

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RECOMMENDATION

This is an informational item. No action is required.

BACKGROUND

The Hall Fenway is one of several small pocket parks that the City, along with Piedmont Beautification Foundation, developed using land that was once part of the right of way for the Key System, an electric trolley system that ran in Piedmont from the 1910 through 1948. From our City Historian, Gail Lombardi:

*The Fenway was the end of the line of the Key System Number 10 streetcar line that ran from Piedmont Avenue, up Arroyo, onto Highland, around the big grassy lawn and behind houses to Wildwood Avenue and Crocker. The Key System owned the land until 1948 when the streetcars were replaced by busses. The streetcar right of ways were sold, and many mid-century houses were built on the narrow lots. Frederick Hall lived at 67 King and later built the Japanese style house at 90 Crocker.*

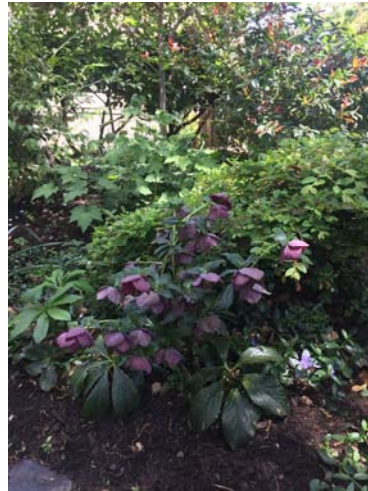
Herbert Hall and his neighbors, purchased the section of right -of -way that now is known as the Hall Fenway. In November 21, 1961, Piedmont City Council accepted the donation of the parcel to the City and a plaque at the Crocker Avenue end of the park commemorates the 17 neighbors that made that gift possible.

Piedmont Beautification lead the way in developing what is now one Piedmont's favorite pathways. Each year PBF donates towards the upkeep of the park. This year the donation was used towards infill plantings and it included (6) 24" box trees, (90) 1 gal. perennials and shrubs including Hellebores, Pieris and Holly Ferns. New much and irrigation upgrades by Brightview and City staff are being completed.

## Spring Planting at the Hall Fenway



A grove of Cornus 'Kousa'-  
Dogwood at Crocker entrance



Pieris 'Little Heath'

## EXHIBIT A



Tasmania Tree fern

*" A fen is similar to a marsh, a mire, a swamp, or a bog. In all of these wetland ecosystems, the water level tends to rise and fall, leaving them constantly soggy to some degree. Fens are distinguished by the kinds of plants that grow there, including tall grasses and moss, and by the acidity of the water. The word fen comes from the Old English fenn, which means "mud, mire, dirt, or marsh."*