CITY OF CLAYTON
Founded 1857 - Incorporated 1964

AGENDA

SPECIAL MEETING

* * *

TRAILS AND LANDSCAPING COMMITTEE

[CITIZENS OVERSIGHT COMMITTEE]

MONDAY, November 7, 2011

7:00 p.m.

Clayton City Hall

1st Floor Conference Room

6000 Heritage Trail
Clayton, CA 94517

COMMITTEE MEMBERS

Robert Erich Kelly Marshall (Vice Chair)
Lorraine Mole Jake Pauline (Chair)
Virginia Siegel Bob Steiner
Vice Mayor Howard Geller (Ex-Officio)
Councilmember Hank Stratford (Alternate Ex-Officio)

- A complete packet of information containing staff reports and exhibits related to each item is available for public review in City Hall located at 6000 Heritage Trail on Monday prior to the Committee meeting.
- Agendas are posted at: 1) City Hall, 6000 Heritage Trail; 2) Library, 6125 Clayton Road; 3) Ohm's Bulletin Board, 1028 Diablo Street, Clayton; and 4) City Website at **www.cityofclayton.org**
- Any writings or documents provided to a majority of the Committee after distribution of the Agenda Packet and regarding any public item on this Agenda will be made available for public inspection in the City Clerk's office located at 6000 Heritage Trail during normal business hours.
- If you have a physical impairment that requires special accommodations to participate, please call the City Clerk's office at least 72 hours in advance of the meeting at (925) 673-7304.

* TRAILS AND LANDSCAPING COMMITTEE *

November 7, 2011

1. **CALL TO ORDER & ROLL CALL** – Chairperson Pauline.

2. **PUBLIC COMMENTS ON NON-AGENDA ITEMS**
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Public comment and input on Consent Calendar, Public Hearing, Action Items and other Agenda Items will be allowed when each item is considered by the Committee.

3. **CONSENT CALENDAR**
*Consent Calendar items are typically routine in nature and **are considered for approval by the Committee with one single motion.** Members of the Committee, Audience, or Staff wishing an item removed from the Consent Calendar for purpose of public comment, question or input may request so through the Chair.*

(a) Approval of Action Minutes from the Committee regular meeting of October 24, 2011.

4. **CONTINUED/OLD BUSINESS**

(a) Review and recommendation on proposed re-landscape plan for the Median on Clayton Road from Oakhurst Blvd. to Mitchell Canyon Road.
Recommended Action: Provide comments, approval recommendation to the City Council.

5. **NEW BUSINESS**

(a) Consideration and recommendation on the proposed use of the Adopt a Trail funds
Recommended Action: Provide comments, approval recommendation to staff .

6. **CORRESPONDENCE** – review of incoming and outgoing correspondence
Informational Only
- None

7. **COMMITTEE ITEMS** – limited to requests and directives for future meetings:

(a) Next/Future Clayton Pioneer TLC column ideas

(b) Assignment of Committee Report – to the City Council at its Nov. 15, 2011 meeting

(c) Future Agenda Items: (all future agendas will include minutes; status on Adopt a Trail; Maintenance Work Status Report for the District; Deferred projects status report)
January 23, 2012 (if needed) - mid year progress report
May 2012- proposed landscape District Budget for FY 2012/13;
-Annual Report subcommittee member selection FY11/12
August/September- FY 2011/12 Annual Report

(d) Committee Member communications

(e) Staff Communications/Announcements – Members Erich, Mole and Siegel terms end Dec 2011. Applications for renewal and new applicants are due Friday Dec. 2, 2011, for two year term ending Dec 2013. Applications are available from the City Clerk at 673 -7304, or on City web site at www.cityofclayton.org.

8. **ADJOURNMENT**– The Committee's next regularly-scheduled meeting is anticipated to be Monday, January 23, 2012 at 7:00 p.m. in Hoyer Hall, Clayton Community Library. Please contact the City Clerk at 673-7300 to verify actual date.

# # # # #

Agenda Date: 11/7/11

Agenda Item: 3(a)

ACTION MINUTES
OF THE
REGULAR MEETING
TRAILS AND LANDSCAPING COMMITTEE
[Citizens Oversight Committee]

October 24, 2011

1. COMMITTEE CALL TO ORDER & ROLL CALL

A. The meeting was called to order at 7:15 p.m. by Chairperson Jake Pauline at Hoyer Hall Community Meeting Room at the Clayton Library, 6125 Clayton Road, Clayton, CA.
Committee Members present: Robert Erich, Kelly Marshall, Jake Pauline (Chair), Bob Steiner, Vice Mayor Howard Geller (ex-officio Member).
Committee Members absent: Lorraine Mole, Virginia Siegel
Staff present: Asst. to the City Manager Laura Hoffmeister, Maintenance Supervisor John Johnston.

2. PUBLIC COMMENTS

None.

3. CONSENT CALENDAR

(a) Approval of Action Minutes from the Committee regular meeting of May 23, 2011.

(b) Status report from Public Works Department outlining District maintenance tasks and services performed in the last five months. Informational only

(c) Status update of the Town Center entry "Daffodil Hill" re-landscape Project – Clayton Rd/old Marsh Creek Rd. Informational only

(d) Deferred Projects status. Informational Only

Motion by Committee member Marshall, seconded by Committee member Erich to approve the consent calendar. Motion passed. (vote: 4-0)

4. CONTINUED BUSINESS

(a) Verbal status report on "Adopt-a- Trail" Program for the Landscape Maintenance District.

Chair Pauline noted that there had not been any change since the last update, although the sponsorship checks have been processed and started in February 2011. The new trail sponsors and labor volunteers have had their signs installed by City Maintenance staff. The balance through the end of June 30, 2011 is $6309.92. There may be some costs for the sign installation by City Maintenance that is not reflected in the total.

Consensus by the Committee to place Adopt a Trail expenditure of funds on the next agenda, there was an interest in obtaining cost information for replacing the oak tree up lights on the Cardinet Trail next to the Library. There are three lights and they are broken and need replacing. City staff will provide up to date account status and estimated costs for the light replacement on the next agenda.

5. NEW BUSINESS

(a) Consider recommendation on the proposed Annual Report for the Landscape Maintenance District for FY 2010/2011 as the Citizens Oversight Committee for Measure B.

Chair Pauline and Committee member Steiner presented an overview of the Annual Report to the TLC members. TLC members noted a few typographical corrections, and thanked Chair Pauline and committee member Steiner for their work in preparing the draft document. The TLC members concurred that it accurately reflected the Landscape Maintenance District activity over the last fiscal year and accurately accounted for the revenue and expenditures as being in accord with the provisions of Measure B.

Motion by Committee member Marshall, seconded by Committee member Steiner, to approve the Annual Report for Fiscal Year 2010/11 with the noted corrections made. Motion passed (vote 4-0).

Assistant to the City Manager Hoffmeister noted that the report would be submitted to the City Council at their November 1, 2011 meeting. Chair Pauline noted that he would be attending and Committee member Steiner would also attend to provide support for the Chair.

(b) Review and recommendation on proposed re-landscape plan for the Median on Clayton Road from Oakhurst Blvd. to Mitchell Canyon Road.

Maintenance Supervisor John Johnston presented the overview of the proposed re-landscape plan. In response to questions staff clarified that this project would have to go out to public bid pursuant to state laws. Maintenance Supervisor Johnston answered committee members questions pertaining to the type of median tree proposed (Columbia sycamore) that those trees have done well in Clayton; and answered detail questions as to the plants proposed and amendments and drainage for the focal point oak trees. After much discussion overall the TLC members liked the concept using the option that had less canopy trees for the median sections near downtown and having focal point oak trees in the downtown medians as presented in one of the options prepared by staff. After additional discussion Chair Pauline and Committee member Steiner wanted to have a site field visit with maintenance Supervisor Johnston to review the proposed plans in the field prior to taking formal action on the plans.
The consensus of the Committee to continue this item to a special meeting of Nov 7th to allow for the site visit. This site visit would be attended by Chair Pauline, Committee member Steiner and Vice Mayor Geller (non voting ex-officio member).

6. CORRESPONDENCE – *Review of incoming and outgoing correspondence- Informational Only*

- *August 3, 2011 (Robert Erich)*

7. COMMITTEE ITEMS

(a) Next/Future Clayton Pioneer TLC column ideas:

Committee Chair Pauline suggested having an ad or article thanking the Adopt a Trail sponsors. Committee member Steiner and Chair Pauline would follow up with this idea and discuss with the Pioneer editor.

(b) Assignment of Committee Reports:
City Council November 7, 2011: - Chair Pauline, Committee member Steiner.

(c) Future agendas to include: Special meeting of November 7, 2011

- Adopt a Trail status report/ use of funds
- Continued review/discussion/recommendation of the Clayton Rd median re-landscape project (Oakhurst to Mitchell Canyon Rd)

(d) Future meeting dates:
January 23, 2012 - mid year progress report
May 2012 - proposed landscape District Budget for FY 2012/13
- Annual Report Subcommittee member selection for FY 11/12 Report preparation
August/September 2012- FY 11/12 draft Annual Report

(e) Committee member communications:
None.

(d) Staff Communications:
None.

8. **ADJOURNMENT**
Upon call by Chair Pauline, the meeting adjourned at 8:50 p.m. The Committee

Minutes prepared by:

_____
Laura Hoffmeister, Asst. to the City Manager

APPROVED BY THE COMMITTEE

_____
Jake Pauline, Chair

CITY OF CLAYTON
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# # # # #

Agenda Date: 11/7/11

Agenda Item: 4(a)

CITY OF CLAYTON
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STAFF REPORT

TO: **Trails and Landscape Committee**

FROM: **Maintenance Supervisor, John Johnston**

METTING DATE: **November 7, 2011**

SUBJECT: **Median Re- Landscape Design Proposal for Clayton Road from Oakhurst Blvd. to Mitchell Canyon Rd.**

BACKGROUND

At the TLC's May Budget meeting the TLC recommended that monies be allocated for the improvement of the Clayton Road landscape between Mitchell Canyon Road and Oakhurst Drive. The City Council approved a total of $230,000 funding for this project within the 2011-2012 budget. At the TLC meeting of October 24th this project plans were presented and reviewed by the TLC. At that meeting it was decided to continue the item to allow two TLC members an opportunity to have a field visit with Maintenance Supervisor Johnston, to have a better understanding of the proposed plans. Since the last meeting Committee members Pauline and Steiner along with Council Liaison Gellar completed the site field visit.

PROPOSAL

Our maintenance department has designed a landscape plan for the Median areas along Clayton Road between Mitchell Canyon Road and Oakhurst Drive. We are presenting this plan for the TLC's review and recommendation to the City Council. The Medians have been numbered #1 thru #4, on the plan, for easier identification of the areas and their design. The Primary plan involves the placement of (5) 60" box specimen oak trees with LED lighting located in specific areas along the median. Medians #2 & #4A have an Option B for an alternative design. It is our recommendation that any remaining monies from this project be used to upgrade the irrigation and spot plant along the right-a-ways located within this landscape area. Attached are copies of the landscape plan and details along with a couple samples of the specimen oaks.

RECOMMNEDATION

Review and comment and make recommendation on proposed re-landscape plan for the Median on Clayton Road from Oakhurst Blvd. to Mitchell Canyon Road to the City Council.

Clayton Road Median Project

PLANT LIST

Code	Botanical Name	Common Name	Size
Shrubs			
AD	Arctostaphylos densiflora	Manzanita "Howard McMinn"	5 Gal.
ND	Nandina domestica	Heavenly Bamboo "Sienna Sunrise"	5 Gal.
PH	Phormium hybrid	Hybrid Flax "Platt's Black"	5 Gal.
PHY	Phormium hybrid	Hybrid Flax "Yellow Wave"	5 Gal.
RI	Rhaphiolepis indica	Indian Hawthorne "Jack Evans"	5 Gal.
RO	Rosmarinus officinalis	Rosemary "Huntington Carpet"	5 Gal.
LC	Lagerstroemia indica	Crape Myrtle "Catawba"	5 Gal.
Grasses			
FM	Festuca mairei	Fescue "Atlas Fescue"	5 Gal.
FI	Festuca idahoensis	Fescue "Siskiyou Blue"	1 Gal.
Perennials			
AH	Agapanthus hybrid	Lily-of-the-Nile "Tinkerbell"	1 Gal.
TVS	Tulbaghia violacea	Society Garlic "Silver Lace"	1 Gal.
TV	Tulbaghia violacea	Society Garlic	1 Gal.
LH	Lantana hybrid	Lantana "Gold Rush"	1 Gal.
Groundcover			
▨	Coprosma kirkii	Coprosma	1 Gal.
Trees			
LI	Lagerstroemia indica hybrid	Crape Myrtle "Tonto"	15 Gal.
PA	Plantus acerifolia	Columbia Sycamore	15 Gal.
QA	Quercas Agrifolia	Coast Live Oak	36" Box

VALLEY CREST TREE COMPANY

The Tree Growing and Tree Moving Company

Tree ID:	00025198
Botanical Name:	Quercus agrifolia
Common Name:	Coast Live Oak
Category 1:	Tree
Category 2:	Evergreen Non Flowering
Current Specifications:	13' x 13'
Tree Form:	Multi
Screen Tree:	No
Box Size:	60" Box
Zones:	7, 8, 9, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
Zones Info:	

Character:	Foliage/Leaves:	Fruit/Flowering:	Mature Size:
Round-headed. Smooth, dark gray bark. Wide spreading. Good as specimen standard or multi-trunk tree.	Dense foliage of rounded, holly-like leaves, slightly glossy; drops old leaves, retaining new in early Spring.	Conical, .75-1.5" acorns	Height: 20' - 70' Spread: 30' - 80'

Notes:

Approx 9,300 LBS CR4

Valley Crest Tree Company, Copyright © 2002 - Printed from vctree.com
For more information, please call our sales department
Northern California at (925) 862-2485 or Southern California at (805) 524-3939.

VALLEY CREST TREE COMPANY

The Tree Growing and Tree Moving Company

Tree ID:	00025974
Botanical Name:	Quercus agrifolia
Common Name:	Coast Live Oak
Category 1:	Tree
Category 2:	Evergreen Non Flowering
Current Specifications:	17' x 11'
Tree Form:	Low Branching
Screen Tree:	No
Box Size:	60" Box
Zones:	7, 8, 9, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
Zones Info:	

Character:	Foliage/Leaves:	Fruit/Flowering:	Mature Size:
Round-headed. Smooth, dark gray bark. Wide spreading. Good as specimen standard or multi-trunk tree.	Dense foliage of rounded, holly-like leaves, slightly glossy; drops old leaves, retaining new in early Spring.	Conical, .75-1.5" acorns	Height: 20' - 70' Spread: 30' - 80'

Notes:

Approx 9,500 LBS CR7

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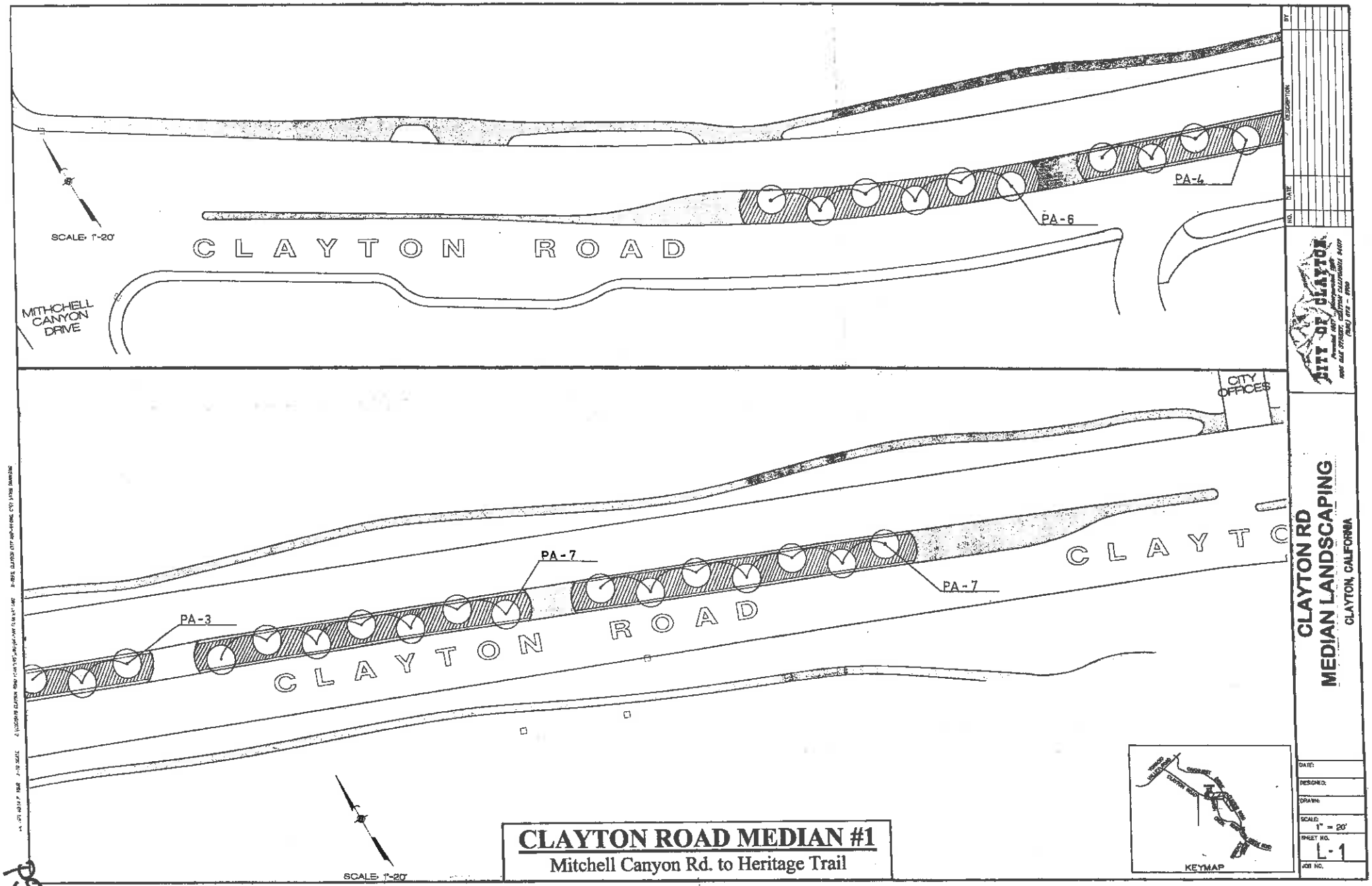
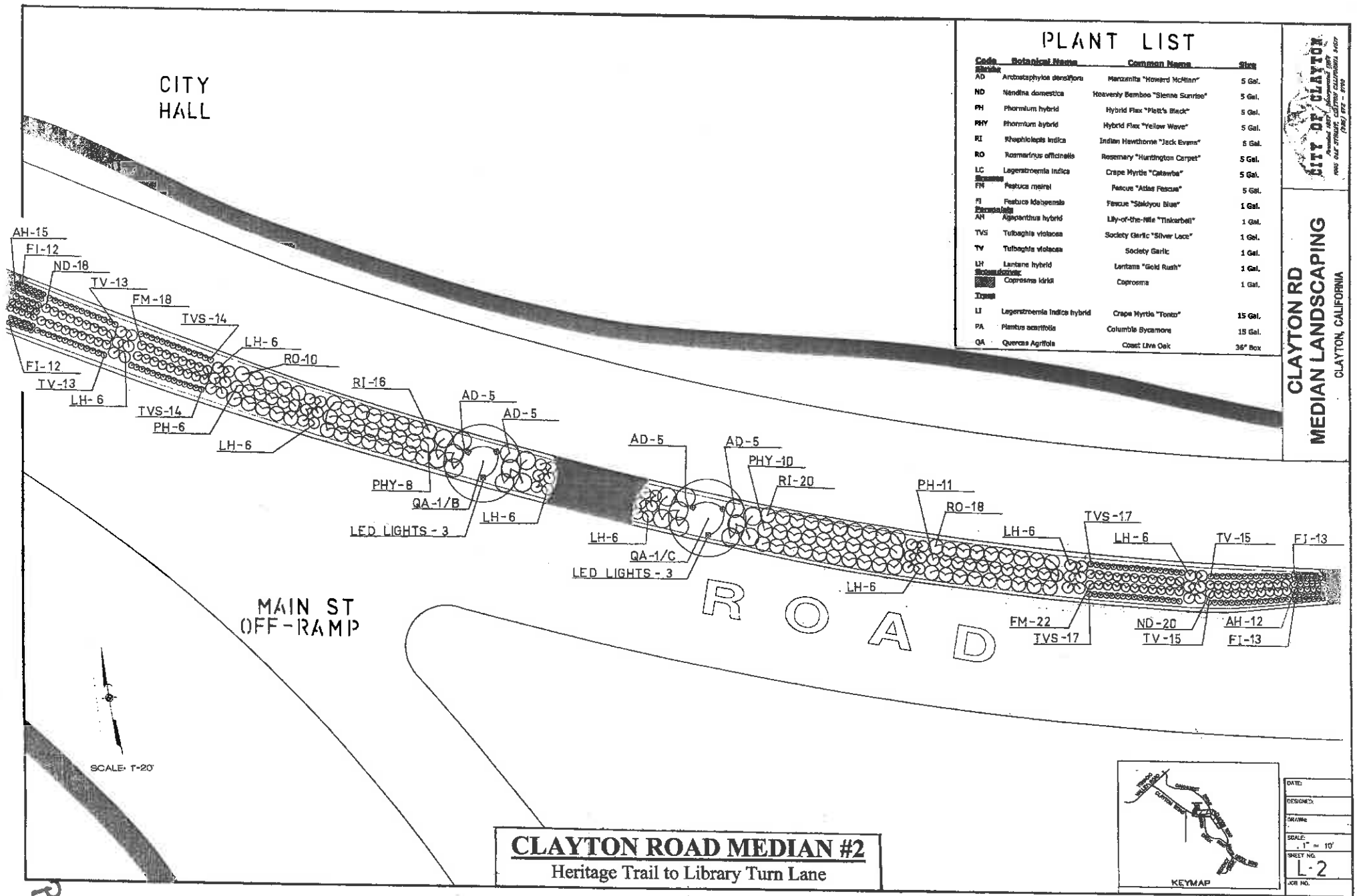


CLAYTON ROAD MEDIAN #1

Mitchell Canyon Rd. to Heritage Trail

CLAYTON RD
MEDIAN LANDSCAPING
CLAYTON, CALIFORNIA

DATE:
DESIGNED:
DRAWN:
SCALE: 1" = 20'
SHEET NO. L-1
JOB NO.



PLANT LIST

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Shrubs			
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PHY	Phormium hybrid	Hybrid Flax "Yellow Wave"	5 Gal.
RI	Rhaphiolepis indica	Indian Hawthorne "Jack Evans"	5 Gal.
RO	Rosmarinus officinalis	Rosemary "Huntington Carpet"	5 Gal.
LC	Lagerstroemia indica	Crape Myrtle "Catawba"	5 Gal.
Grasses			
FM	Festuca mairei	Fescue "Atlas Fescue"	5 Gal.
FI	Festuca idahoensis	Fescue "Siskiyou Blue"	1 Gal.
Groundcover			
AH	Agapanthus hybrid	Lily-of-the-Nile "Tinkerbell"	1 Gal.
TVS	Tulbaghia violacea	Society Garlic "Silver Lace"	1 Gal.
TV	Tulbaghia violacea	Society Garlic	1 Gal.
LH	Lantana hybrid	Lantana "Gold Rush"	1 Gal.
Groundcover			
	Coprosma kirkii	Coprosma	1 Gal.
Trees			
LI	Lagerstroemia indica hybrid	Crape Myrtle "Tonto"	15 Gal.
PA	Platnus acerifolia	Columbia Sycamore	15 Gal.
QA	Quercus Agrifolia	Coast Live Oak	36" Box

CITY OF CLAYTON

CLAYTON RD
MEDIAN LANDSCAPING
CLAYTON, CALIFORNIA

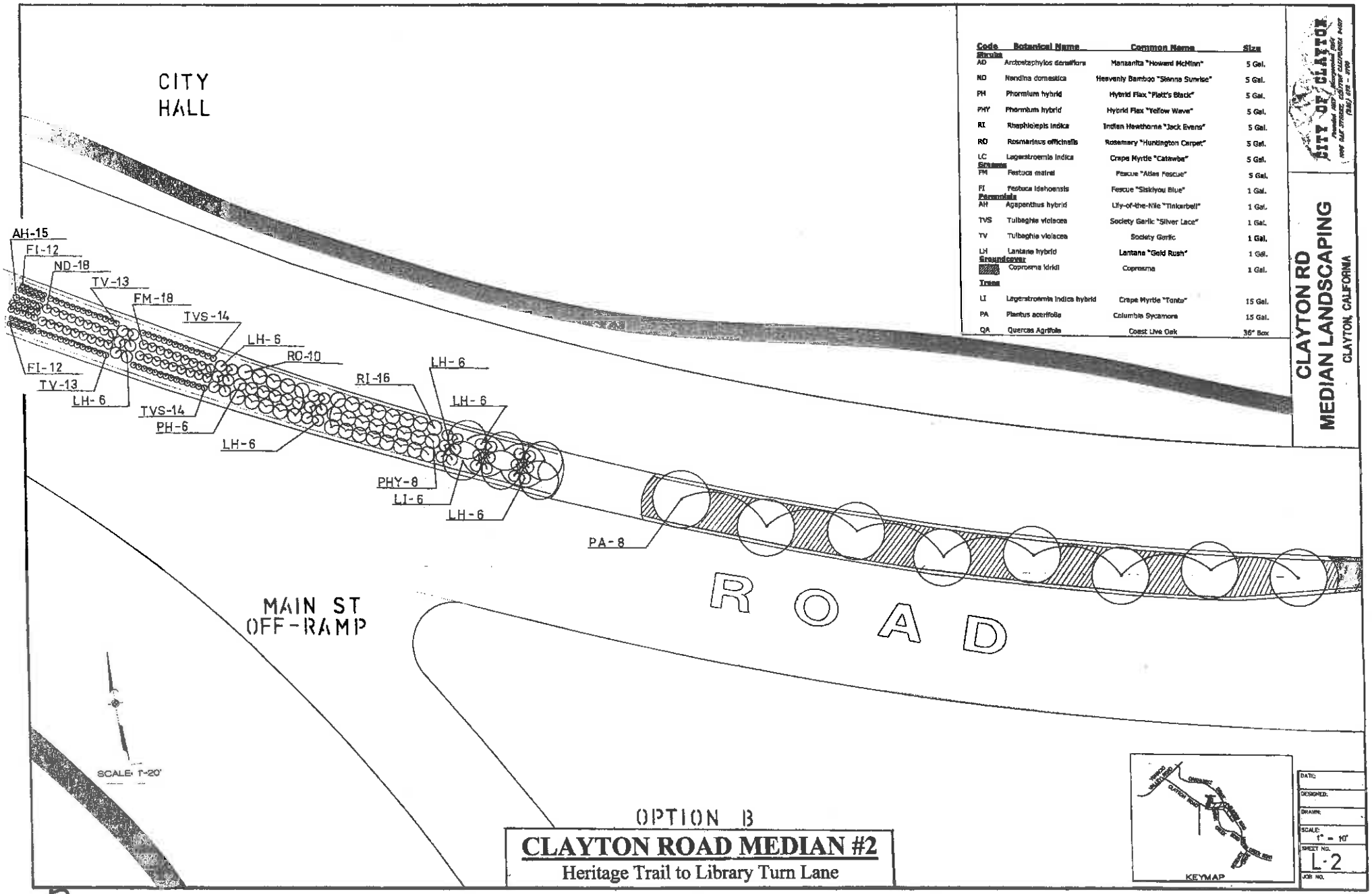
CLAYTON ROAD MEDIAN #2

Heritage Trail to Library Turn Lane

KEYMAP

DATE:	
DESIGNED:	
DRAWN:	
SCALE:	1" = 10'
SHEET NO.	L-2
JOB NO.	

36



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Groundcover			
	Coprosma kirkii	Coprosma	1 Gal.
Trees			
LI	Lagerstroemia indica hybrid	Crape Myrtle "Tonto"	15 Gal.
PA	Plantus acerifolia	Columbia Sycamore	15 Gal.
QA	Quercas Agrifolia	Coast Live Oak	36" Box

CITY OF CLAYTON

CLAYTON RD
MEDIAN LANDSCAPING
CLAYTON, CALIFORNIA

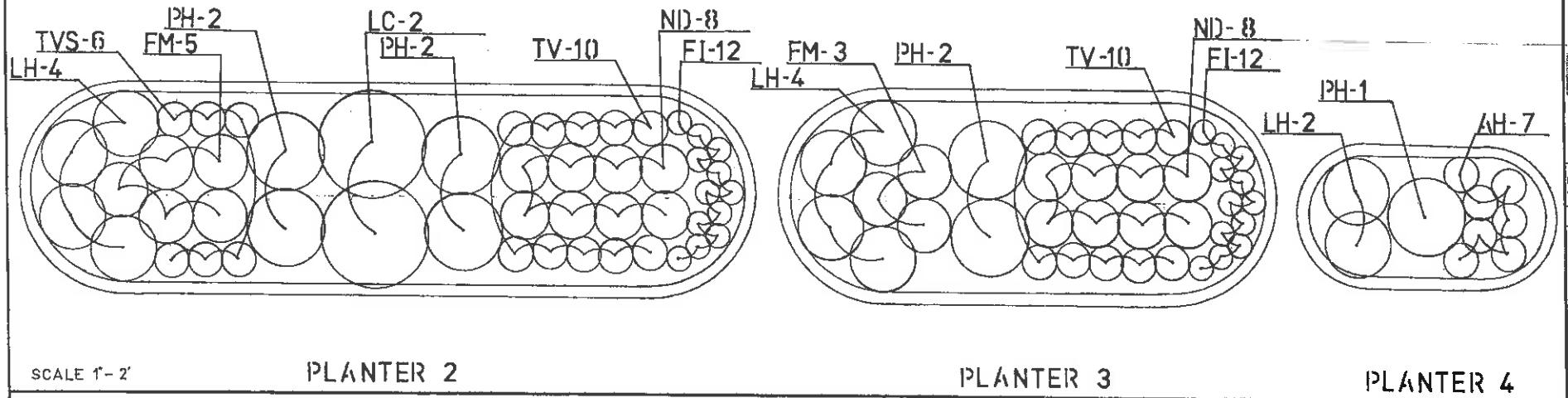
OPTION B

CLAYTON ROAD MEDIAN #2

Heritage Trail to Library Turn Lane

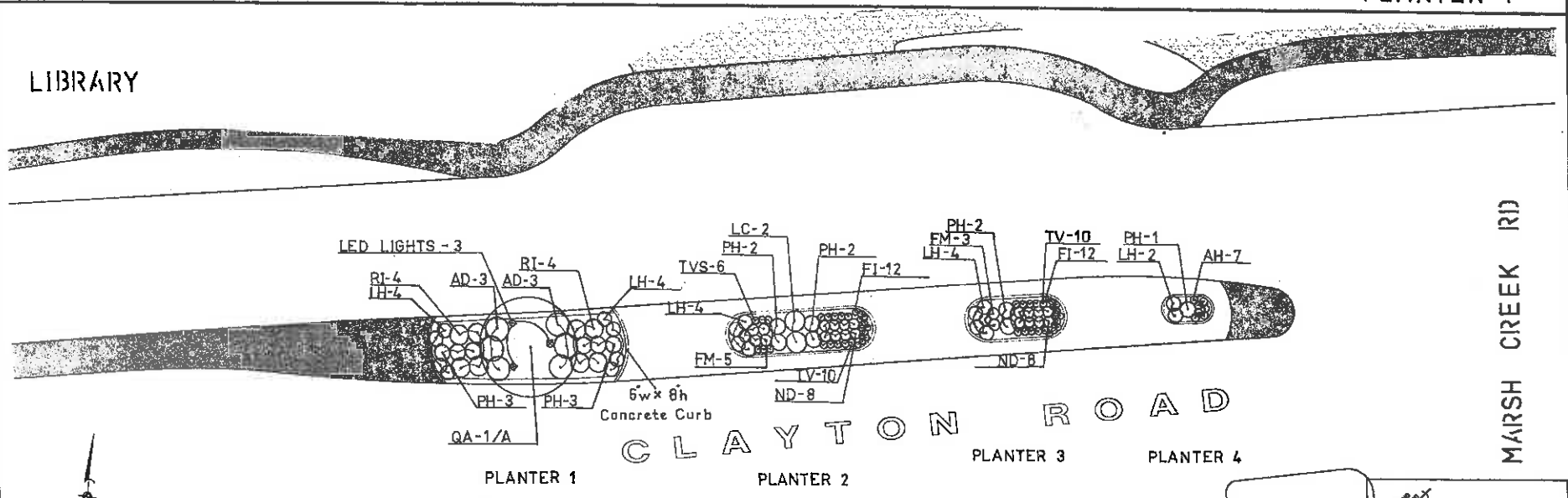
DATE:	
DESIGNED:	
DRAWN:	
SCALE:	1" = 10'
SHEET NO.	L-2
JOB NO.	

B-1



SCALE 1"- 2'

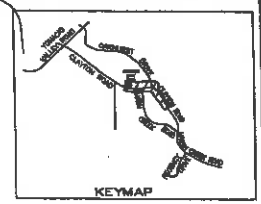
PLANTER 2 PLANTER 3 PLANTER 4



SCALE: 1"-10'

CLAYTON ROAD MEDIAN #3

Library Turn Lane to Marsh Creek Rd.

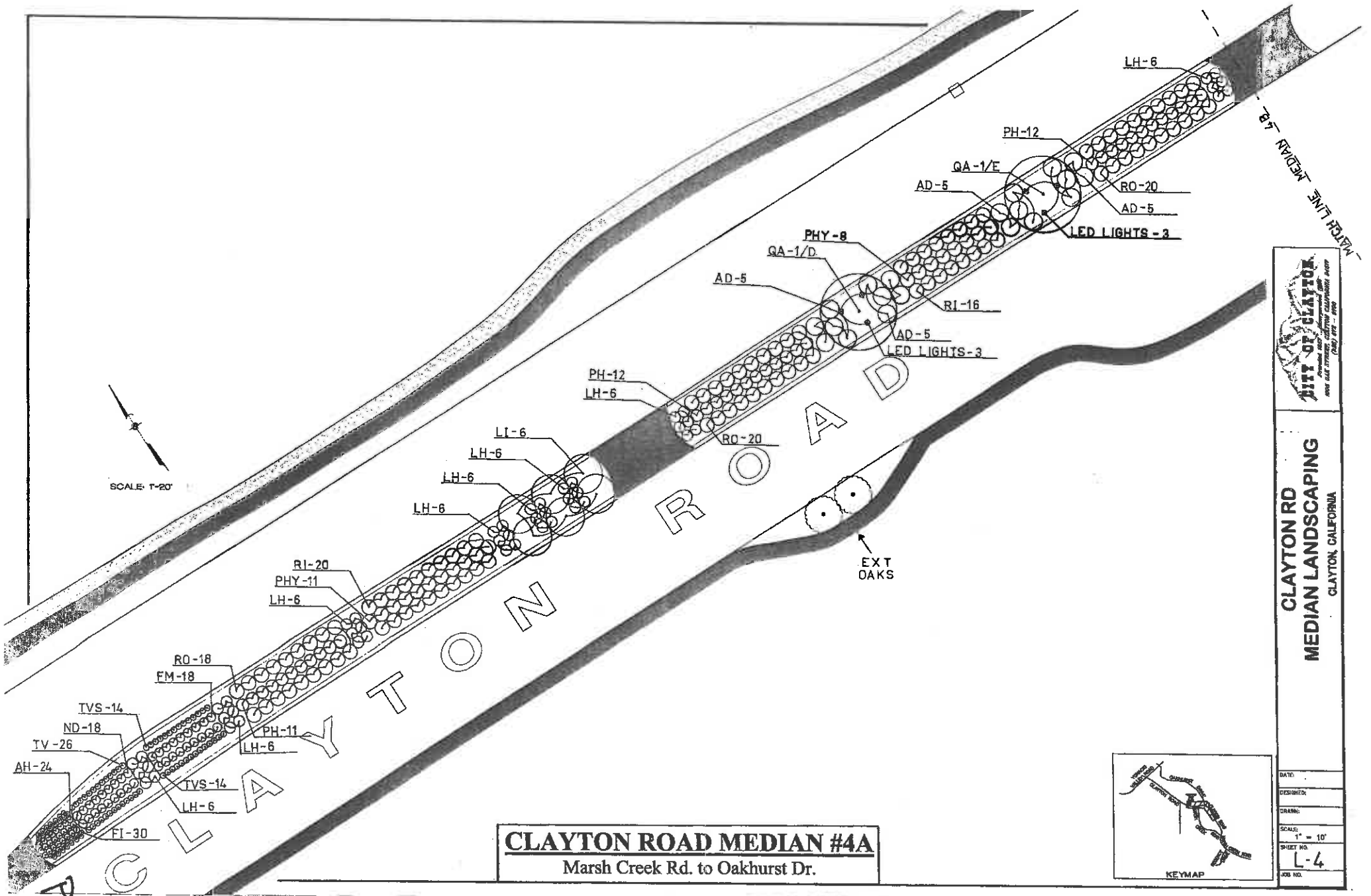


CITY OF CLAYTON

CLAYTON RD
MEDIAN LANDSCAPING
CLAYTON, CALIFORNIA

DATE:
DESIGNED:
DRAWN:
SCALE: 1" = 10'
SHEET NO. L-3
JOB NO.

B3



CLAYTON ROAD MEDIAN #4A

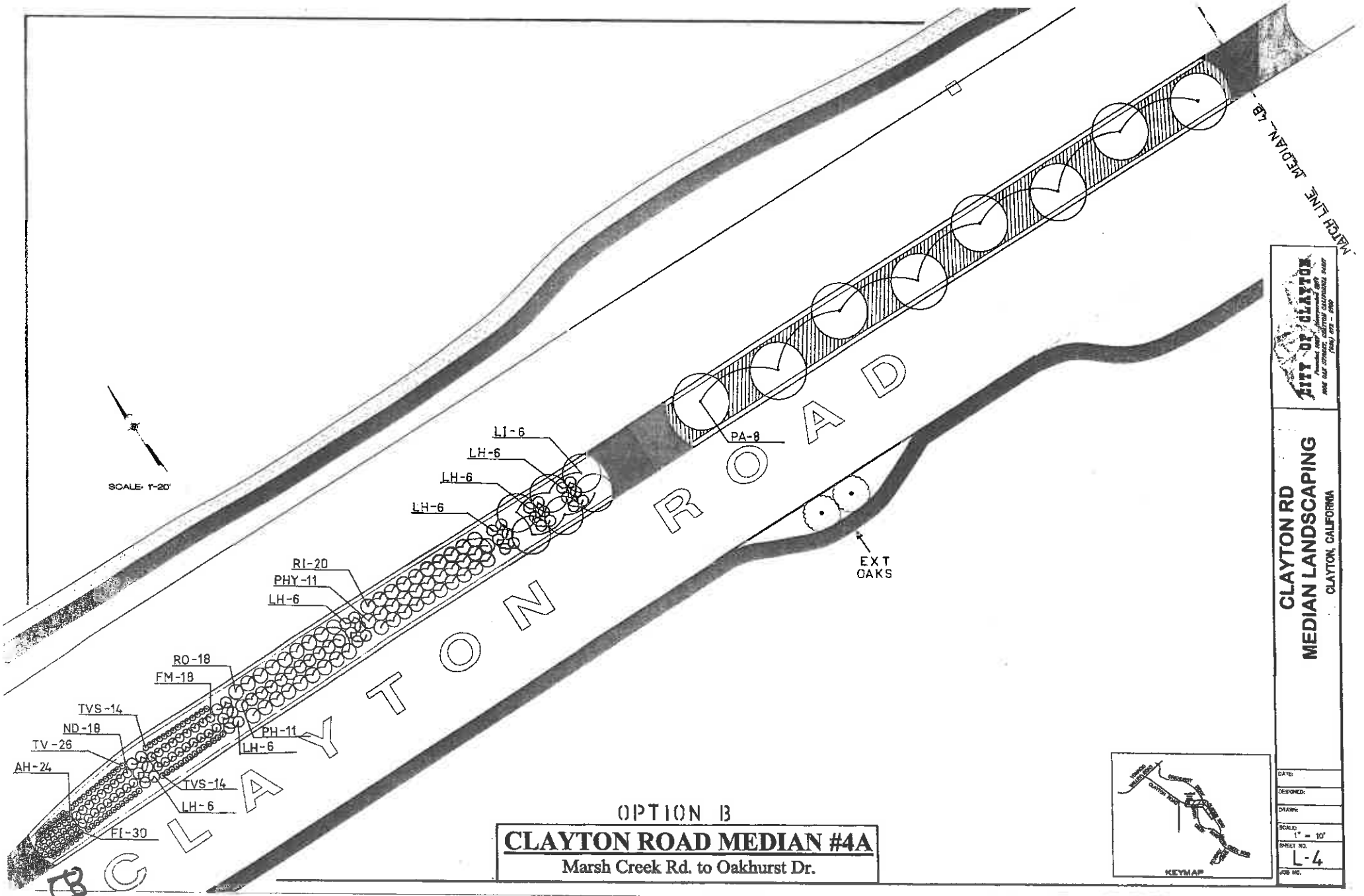
Marsh Creek Rd. to Oakhurst Dr.

CITY OF CLAYTON

CLAYTON RD
MEDIAN LANDSCAPING
CLAYTON, CALIFORNIA

DATE:
DESIGNED:
DRAWN:
SCALE: 1" = 10'
SHEET NO. L-4
JOB NO.

KEYMAP



OPTION B

CLAYTON ROAD MEDIAN #4A

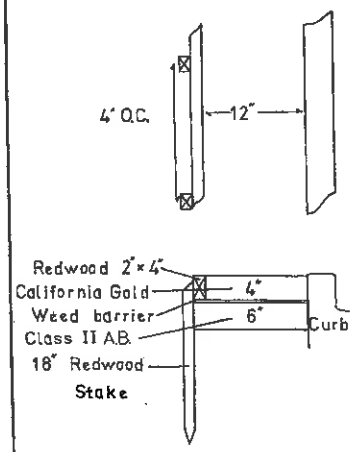
Marsh Creek Rd. to Oakhurst Dr.

KEYMAP

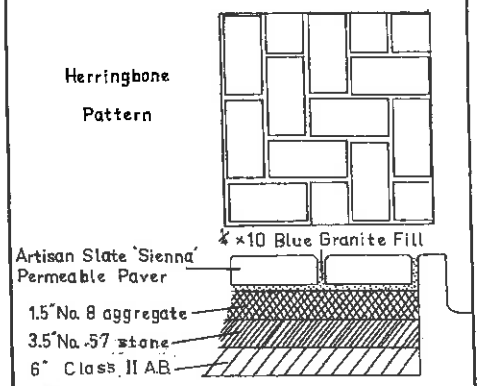
CITY OF CLAYTON

CLAYTON RD
MEDIAN LANDSCAPING
CLAYTON, CALIFORNIA

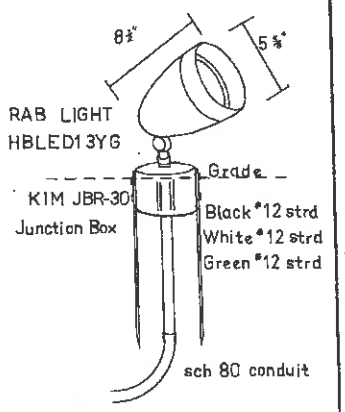
DATE:
DESIGNED:
DRAWN:
SCALE: 1" = 10'
SHEET NO. L-4
JOB NO.



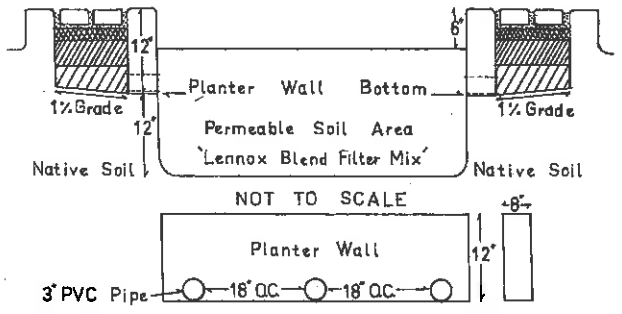
MAINT STRIP DETAIL



BRICK DETAIL



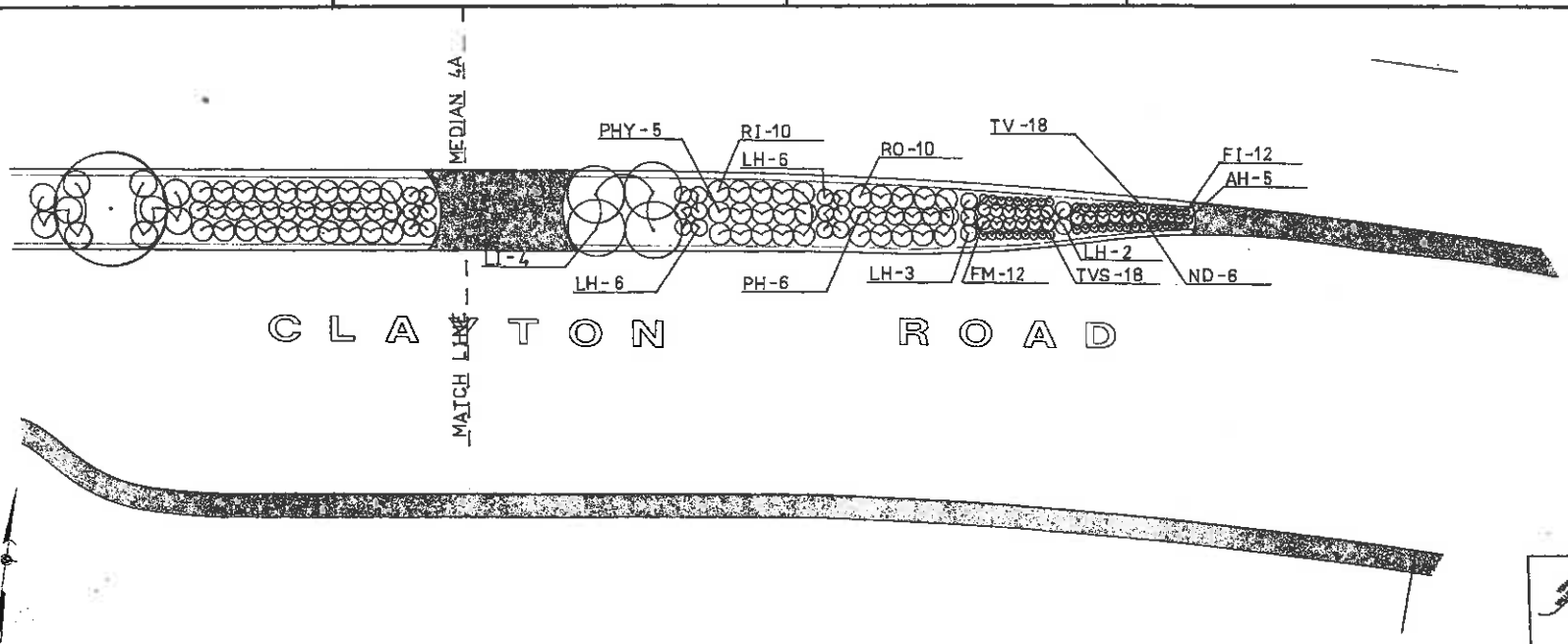
LIGHTING DETAIL

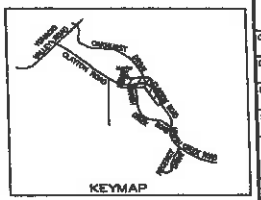


PLANTER	#2	#3	#4
Length	30' I.D.	20' I.D.	10' I.D.
Width	8' I.D.	8' I.D.	5' I.D.
Radius	4' I.D.	4' I.D.	25' I.D.

Concrete Color = Harvest Gold

PLANTER DETAIL



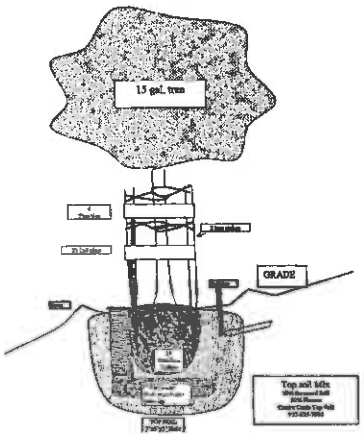


CLAYTON ROAD MEDIAN #4B

Marsh Creek Rd. to Oakhurst Dr.

CLAYTON RD
MEDIAN LANDSCAPING
CLAYTON, CALIFORNIA

DATE:
DESIGNED:
DRAWN:
SCALE: 1" = 10'
SHEET NO. L-5
JOB NO.



Root Ball to be 2" above Grade

TREE PLANTING DETAIL

SCALE:

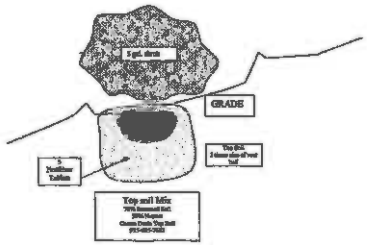
TREE PLANTING INSTRUCTIONS

1) ALL TREES INTENDED FOR INSTALLATION SHALL BE INSPECTED AND APPROVED BY A CITY MAINTENANCE SUPERVISOR PRIOR TO PLANTING. CONTRACTOR SHALL REPLACE, AT NO COST TO THE CITY, ANY TREES REJECTED BY THE CITY.
2) ALL TREES SHALL BE PLANTED AS CLOSE AS POSSIBLE TO THE LOCATIONS INDICATED ON THE DRAWINGS. ANY CHANGES TO TREE INSTALLATION LOCATIONS SHALL BE APPROVED BY A CITY MAINTENANCE SUPERVISOR PRIOR TO INSTALLATION OF THE TREE.
3) NO SUBSTITUTIONS SHALL BE MADE FOR TOP SOIL MIX FOR TREE PLANTING. EXISTING SOILS SHALL BE REMOVED AND REPLACED WITH TOP SOIL MIX PER DETAIL ABOVE.
4) PLANTING HOLES FOR TREE INSTALLATION SHALL HAVE A MINIMUM DIAMETER OF 3 FEET AND A MINIMUM DEPTH OF 3 FEET, WHERE, IN THE SOLE OPINION OF THE CITY, EXISTING SOILS, ROCKS, OR CLAY MATERIAL MAY LIMIT FAVORABLE GROWTH, THE CONTRACTOR SHALL INCREASE THE DIAMETER AND/OR DEPTH OF THE PLANTING HOLE AS DIRECTED BY THE CITY.
5) SCARIFY ALL SIDES OF PLANTING HOLES EVERY 6 INCHES.
6) CONTRACTOR SHALL CAREFULLY BREAK UP ROOT BALL BEFORE PLANTING.
7) FERTILIZER TABLETS SHALL BE EVENLY DISTRIBUTED AROUND THE TREE ROOT BALL.
8) ALL TREE BERMS SHALL BE CONSTRUCTED OF NATIVE SOIL AND SHAPED TO PRESENT A PLEASANT APPEARANCE.
9) TREE RUBBERS SHALL BE LOCATED WITHIN THE TREE BERM BUT AWAY FROM THE TREE ROOT BALL.
10) TREE RUBBERS SHALL BE LOCATED ABOVE GRADE WHILE THE PERFORATED DRAIN AND GRATE SHALL BE LOCATED BELOW GRADE.
11) ROOT BARRIERS SHALL BE INSTALLED, PER THE DETAIL AT RIGHT, AGAINST ALL NON-PERMEABLE SURFACES WITHIN THREE FEET OF THE TREE ROOT BALL.
12) ALL RUBBER TREE TIES SHALL BE EVENLY WRAPPED AROUND THE TREE STAKE AND BE CUT TO PRESENT A PLEASANT APPEARANCE.
13) TREE STAKES SHALL BE EVENLY SPACED FROM THE TREE TRUNK AND SHALL BE PLUMB.
14) TREES LOCATED WITHIN LOOSE SOIL OR FILTRATION PLANTER AREAS WILL REQUIRE EXTRA STAKING.

GENERAL PLANTING NOTES AND MAINTENANCE SCHEDULE

- COVER ALL PLANTER AREAS WITH PRE-EMERGENT BEFORE PLANTING.
- ALL PLANTINGS SHALL BE 2 INCHES ABOVE GRADE.
- THOROUGHLY HAND WATER ALL PLANTINGS UPON INSTALLATION.
- MAINTAIN BERMS AROUND ALL PLANTINGS.
- KEEP PLANTERS CLEAR AND FREE OF ALL WEEDS.
- MAINTAIN PROPER STAKING OF ALL TREES.
- REPAIR ANY DAMAGED SPRINKLERS IMMEDIATELY.
- ADJUST IRRIGATION SYSTEM ROUTINELY TO INSURE PROPER COVERAGE.
- CHECK FOR SIGNS OF EROSION.
- REPLACE ANY PLANTINGS THAT EXPIRE BEFORE THE WARRANTY PERIOD OR WITHIN 1 MONTH OF PLANT LOSS.

NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROPERLY POST AREA BEFORE ANY HERBICIDES OR PESTICIDES ARE USED.



SHRUB PLANTING DETAIL

SCALE:

SHRUB PLANTING INSTRUCTIONS

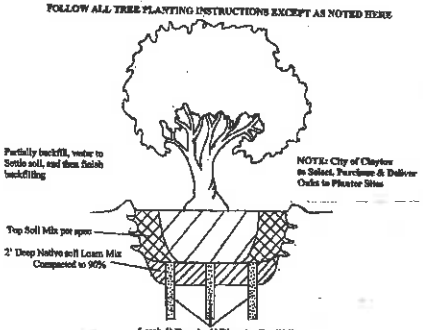
1) ALL SHRUBS INTENDED FOR INSTALLATION SHALL BE INSPECTED AND APPROVED BY A CITY MAINTENANCE SUPERVISOR PRIOR TO PLANTING. CONTRACTOR SHALL REPLACE, AT NO COST TO THE CITY, ANY SHRUBS REJECTED BY THE CITY.
2) ALL SHRUBS SHALL BE PLANTED AS CLOSE AS POSSIBLE TO THE LOCATIONS INDICATED ON THE DRAWINGS. ANY CHANGES TO SHRUB INSTALLATION LOCATIONS SHALL BE APPROVED BY A CITY MAINTENANCE SUPERVISOR PRIOR TO INSTALLATION OF THE SHRUB.
3) NO SUBSTITUTIONS SHALL BE MADE FOR TOP SOIL MIX FOR SHRUB PLANTING. EXISTING SOILS SHALL BE REMOVED AND REPLACED WITH TOP SOIL MIX PER DETAIL ABOVE.
4) PLANTING HOLES FOR SHRUB INSTALLATION SHALL HAVE A MINIMUM DIAMETER OF 3 TIMES THE ROOT BALL AND A MINIMUM DEPTH OF 3 TIMES THE ROOT BALL. WHERE, IN THE SOLE OPINION OF THE CITY, EXISTING SOILS, ROCKS, OR CLAY MATERIAL MAY LIMIT FAVORABLE GROWTH, THE CONTRACTOR SHALL INCREASE THE DIAMETER AND/OR DEPTH OF THE PLANTING HOLE AS DIRECTED BY THE CITY.
5) SCARIFY ALL SIDES OF PLANTING HOLES EVERY 6 INCHES.
6) CONTRACTOR SHALL CAREFULLY BREAK UP ROOT BALL BEFORE PLANTING.
7) FERTILIZER TABLETS SHALL BE EVENLY DISTRIBUTED AROUND THE SHRUB ROOT BALL.
8) ALL SHRUBS SHALL HAVE A SMALL BERM CONSTRUCTED AROUND THEM TO PROVIDE FOR MAXIMUM WATER ABSORPTION DURING THE TREE ESTABLISHMENT PERIOD.
9) ALL SHRUB BERMS SHALL BE CONSTRUCTED OF NATIVE SOIL AND SHAPED TO PRESENT A PLEASANT APPEARANCE.
10) SHRUBS LOCATED WITHIN THE FILTRATION PLANTER AREAS MAY REQUIRE STAKING.

OAK TREE PLANTING INSTRUCTIONS

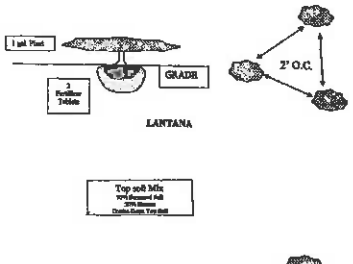
OAK TREE SIZES		
OA/A	Single Trunk	60" Box
OA/B	Multi Trunk	60" Box
OA/C	Single Trunk	48" Box
OA/D	Single Trunk	60" Box
OA/E	Multi Trunk	48" Box

All Specimen Oak Trees to be hand selected by
City of Clayton Maintenance Supervisor
Specimen Oak Trees will be selected from Valley Crest Tree

FOLLOW ALL TREE PLANTING INSTRUCTIONS EXCEPT AS NOTED HERE



DIG HOLE 3 TIMES ROOT BALL WIDTH



HUNTINGTON CARPET& COPROSMA KIRKII

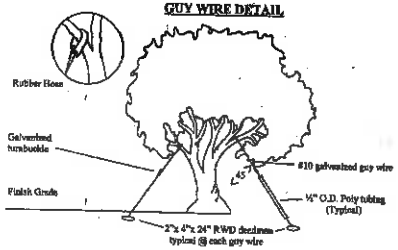
GROUND COVER PLANTING DETAIL

SCALE:

GROUNDCOVER PLANTING INSTRUCTIONS

1) ALL GROUNDCOVER INTENDED FOR INSTALLATION SHALL BE INSPECTED AND APPROVED BY A CITY MAINTENANCE SUPERVISOR PRIOR TO PLANTING. CONTRACTOR SHALL REPLACE, AT NO COST TO THE CITY, ANY GROUNDCOVER REJECTED BY THE CITY.
2) ALL GROUNDCOVER SHALL BE PLANTED AS CLOSE AS POSSIBLE TO THE LOCATIONS INDICATED ON THE DRAWINGS. ANY CHANGES TO GROUNDCOVER INSTALLATION LOCATIONS SHALL BE APPROVED BY A CITY MAINTENANCE SUPERVISOR PRIOR TO INSTALLATION OF THE GROUNDCOVER.
3) NO SUBSTITUTIONS SHALL BE MADE FOR TOP SOIL MIX FOR GROUNDCOVER PLANTING. EXISTING SOILS SHALL BE REMOVED AND REPLACED WITH TOP SOIL MIX PER DETAIL ABOVE.
4) PLANTING HOLES FOR GROUNDCOVER INSTALLATION SHALL BE OF SUFFICIENT SIZE TO PROVIDE FOR MAXIMUM GROWTH. WHERE, IN THE SOLE OPINION OF THE CITY, EXISTING SOILS, ROCKS, OR CLAY MATERIAL MAY LIMIT FAVORABLE GROWTH, THE CONTRACTOR SHALL INCREASE THE DIAMETER AND/OR DEPTH OF THE PLANTING HOLE AS DIRECTED BY THE CITY.
5) CONTRACTOR SHALL CAREFULLY BREAK UP ROOT BALL BEFORE PLANTING.
6) FERTILIZER TABLETS SHALL BE EVENLY DISTRIBUTED AROUND THE PLANTING HOLE.
7) ALL GROUNDCOVER SHALL HAVE A SMALL BERM CONSTRUCTED AROUND THEM TO PROVIDE FOR MAXIMUM WATER ABSORPTION DURING THE TREE ESTABLISHMENT PERIOD.
8) ALL TREE BERMS SHALL BE CONSTRUCTED OF NATIVE SOIL AND SHAPED TO PRESENT A PLEASANT APPEARANCE.
9) NO GROUNDCOVER SHALL BE PLANTED CLOSER THAN 2 FEET FROM ANY SIDEWALK OR WALKWAY.

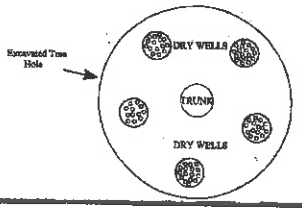
GUY WIRE DETAIL



Note: 60" box size or larger requires minimum 3 guy wires

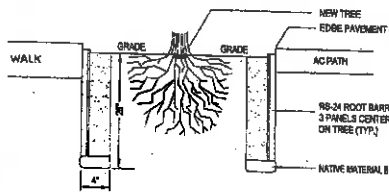
DRY WELLS OVERHEAD VIEW

5 EACH 4' DEEP X 1' DIAMETER FILLED WITH ¾" DRAIN ROCK



PLANT LIST

Code	Botanical Name	Common Name	Size
Shrubs			
AD	Arctostaphylos densiflora	Manzanita "Howard McMinn"	5 Gal.
ND	Nandina domestica	Heavenly Bamboo "Sienna Sunrise"	5 Gal.
PH	Phormium hybrid	Hybrid Flax "Platt's Black"	5 Gal.
PHY	Phormium hybrid	Hybrid Flax "Yellow Wave"	5 Gal.
RI	Rhaphiolepis indica	Indian Hawthorne "Jack Evans"	5 Gal.
RO	Rosmarinus officinalis	Rosemary "Huntington Carpet"	5 Gal.
LC	Lagerstroemia indica	Crape Myrtle "Catawba"	5 Gal.
Grasses			
FM	Festuca mairei	Fescue "Atlas Fescue"	5 Gal.
FI	Festuca idahoensis	Fescue "Siskiyou Blue"	1 Gal.
Perennials			
AH	Agapanthus hybrid	Lily-of-the-Nile "Tinkerbell"	1 Gal.
TVS	Tulbaghia violacea	Society Garlic "Silver Lace"	1 Gal.
TV	Tulbaghia violacea	Society Garlic	1 Gal.
LH	Lantana hybrid	Lantana "Gold Rush"	1 Gal.
Groundcover			
	Coprosma kirkii	Coprosma	1 Gal.
Trees			
LI	Lagerstroemia indica hybrid	Crape Myrtle "Tonto"	15 Gal.
PA	Plantus acerifolia	Columbia Sycamore	15 Gal.
QA	Quercus Agrifolia	Coast Live Oak	36" Box



TYPICAL ROOT BARRIER SECTION

SCALE: N.T.S.

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. THE RAISED ROOT GUIDING RIBS MUST BE FACING TOWARDS THE TREE ROOTS.
3. THE TOP OF THE BARRIER PANELS MUST BE SLIGHTLY ABOVE GRADE (NEVER BELOW GRADE).
4. POSITION BARRIER PANELS VERTICALLY WITH TOP AGAINST THE STRUCTURE TO BE PROTECTED.
5. ROOT BARRIER, RB24, SHALL BE USED AGAINST ALL NON-PERMEABLE SURFACES THAT ARE WITHIN 3 FEET OF THE ROOT BALL.

ROOT BARRIER LINEAR PLACEMENT

VESPRO, INC.
40 BELVEDERE ST., SUITE 2
SAN RAFAEL, CA 94901
TOLL FREE: 1-800-554-0914
PHONE:(415) 434-3072
FAX:(415) 459-4038
www.vesproinc.com

CITY OF CLAYTON
Founded 1857 — Incorporated 1964
5976 CLAYTON ROAD, CLAYTON, CALIFORNIA 94517
(925) 673 - 7300

CLAYTON RD
MEDIAN LANDSCAPING
CLAYTON, CALIFORNIA

DATE:
DES CHKD:
DRAWN:
SCALE:
SHEET NO. L-6
JOB NO.

R9/2

Existing Planting

Clayton Rd median Oakhurst to old Marsh Creek Rd/Library

Clayton Rd median – old Marsh Ck Rd to Library entry - Existing

Clayton Rd median – Library to Oak street off ramp – Existing

Clayton Rd median – Oak Street off ramp to Library entry -Existing

Clayton Rd median – Heritage Trail to Mt Zion – Existing

Clayton Rd median – Mt Zion to Mitchell Canyon – Existing

Agenda Date: 11/7/11

Agenda Item: 5(a)

STAFF REPORT

TO: **Trails and Landscape Committee**

FROM: **Maintenance Supervisor, John Johnston**

METTING DATE: **November 7, 2011**

SUBJECT: **Consideration and recommendation to staff for use for Adopt a Trail funds**

BACKGROUND

At the TLC's October 24th meeting it was requested that staff bring back an update on the Adopt a Trail program funds balance and suggestion on use of the funds, specifically requested was for staff to bring back cost information for replacing the ground installed up-lighting of the oak trees along the Cardinet Trail adjacent to the Library.

The Adopt a Trail fund balance as of November 4, 2011 is $4,972.23. This amount is less than that noted in the TLC Annual Report ($6309) as labor costs and supply costs for the last round of trail marker installations that were done in August 2011 were not a part of the prior report which was through the FY 10/11 (June 30, 2011). The current donation/expenditure status report is attached.

PROPOSAL

There are 3 up lights evenly spaced under the 2 large Valley Oaks on the Cardinet Trail directly beside the library in the open space area between the trail and the creek. These lights no longer function and are in need of replacement.

The project would include the removal of (3) deteriorated Kim up light fixtures and replace them with (3) 9700 150 watt HPS series Hydrel well lights. These new lights are consistent with the lighting that the city uses at the Library and City Hall. This would be a maintenance project and be done in house using the existing wiring for power. Below is an approximate cost for this project and a breakdown of those costs.

Materials

(3) Hydrel Lights @ $1,200 each	$3,600
Misc materials wire/rock/etc...	$500
Labor	$700
	$4,800

The project cost would be paid for from the Adopt a Trail funds, and would provide a remaining balance of apx. $172. This project is small enough amount that it follows the City public purchase policy and process under the City Managers existing authority.

RECOMMNEDATION

Review, comment, and provide recommendation to staff for use of the Adopt a Trail funds.

Adopt a Trail updated as of 11/04/11

Adopters/Revenues

Name	Sponsor Type	Trail Section	Amount Recvd	Date $ Recvd	Ag. recvd	Start Date	Renewal Date
Pauline Family	Volunteer Labor	Cardinet Trail (Library – Lydia Ln Pk)	$200	2/1/2011	Yes	3/1/2011	3/1/2012
Black Diamond Electric	Financial	Cardinet Trail (Library – Lydia Ln Pk)	$1000	2/1/2011		3/1/2011	3/1/2012
Passport2Clayton (P2C)	Volunteer Labor	Bruce Lee Trail (Upper Easley Trail)	$200	2/1/2011	Yes	3/1/2011	
Passport2Clayton (P2C)	Financial Sponsor	Bruce Lee Trail (Upper Easley Trail)	$1000	2/1/2011		3/1/2011	
Employees of CD Federal Credit Union	Volunteer Labor	Blue Oak Trail	$200	2/9/2011	Yes	3/1/2011	3/1/2012
Discovery Builders	Financial Sponsor	Blue Oak Trail	$1000	2/17/2011		3/1/2011	3/1/2012
Siegel Family	Volunteer Labor	Lower Easley Trail	$200	2/1/2011		3/1/2011	
Diablo Ford	Financial Sponsor	Lower Easley Trail	$1000	2/1/2011		3/1/2011	
Available	Volunteer Labor	Donner Creek Trail					
Available	Financial Sponsor	Donner Creek Trail					
Dan Pauline	Volunteer Labor	Cardinet Trail (Lydia Ln Pk – Westwood Pk)	$200	2/1/2011	Yes	3/1/2011	
Banister Electric	Financial Sponsor	Cardinet Trail (Lydia Ln Pk – Westwood Pk)	$1000	2/1/2011		3/1/2011	

Adopt a Trail Expenses

Date	purpose	Amount
3/8/2009	19.5 hrs maintenance temp labor make/ install signs	$219.00
4/17/2009	materials for sign posts	$1527.34
6/23/2009	signs printing (bay area barricade)	$98.87
6/30/2009	t-shirts	$289.51
8/9/2009	wood for future sign posts (Dolan's Lumber)	$595.15
8/9/2009	sign printing (Bay Area Barricade)	$10.93
5/14/10	Clayton Pioneer Ad	$200.00
8/31/11	Sign re-screening	$10.82
8/31/11	Signs (Bay Area Barricade)	$209.35
8/31/11	27 hrs maintenance reg/temp labor make/install sign	$1116.80
Total Expenses to date		$4277.77

Donations

Initial Donations	$4200
Renewal and New as of 2/1/11	$5050
	$9250

11/04/11 **Account Balance:** $ 9250 - $4277.77 = **$4972.23**

Cardinet Trail -- Location of two Oak trees with three existing non functioning up lights adjacent to Library