AGENDA
THURSDAY, JUNE 13, 2019, 7:00 PM

1. CALL TO ORDER / ROLL CALL:

2. APPROVAL OF MINUTES: MAY 9, 2019

3. PUBLIC COMMENT:
For persons desiring to address the Commission on an item that is not on the agenda please note that each speaker is limited up to three (3) minutes. The Brown Act limits the Commission ability to take and/or discuss items that are not on the agenda; therefore, such items are normally referred to staff for comment or to a future agenda.

4. ANNOUNCEMENTS:
Staff and Commission member announcements, reports and updates of status.

4-1. Play Like a Girl Events Update
4-2. Memorial Park Bathrooms Update
4-3. Juneteenth Event

5. PRESENTATIONS:

6. STREET TREE REMOVAL APPLICATIONS:

7. DISCUSSION & POSSIBLE ACTION ON MATTERS RELATED TO THE FOLLOWING ITEMS:

7-1. Lower Codornices Creek Restoration Project Phase IV 8th Street to 10th Street
Staff will present 90% plans for Phase IV of the Codornices Creek Restoration Project, which includes a path connection between 8th Street and 10th Street.

Recommendation: Recommend approval of plans to Council.

7-2. Ocean View Bocce 90% Plans
RGD Staff will present the 90% project documents for the Bocce Courts at Ocean View Park. Commissioners will review cost estimates and options.

Recommendations:
a. Approve design with selected options and recommend project to public bid.
b. Recommend additional Measure R funds be allocated to the project.
7-3. **Dog Sub-Committee Update**  
Sub-committee will provide an update on the process of public engagement and share the feedback and survey results received from the various methods (in-person surveys, online surveys, public workshop).

Information Only

7-4. **Terrace Park Playground Surface Change**  
Staff will present information about converting the surface from sand to engineered wood fiber (EWF) in the 5-12-year-old playground.

Recommendation: Approve the removal of sand from the playground and installation of engineered wood fiber (EWF).

8. **FUTURE AGENDA ITEMS:**  
Commissioners announce requests for future agenda items. No public comment will be taken on announcement of future agenda items.

9. **NEXT MEETING:** Thursday, July 11, 2019 7:00 pm, City Hall Council Chambers, 1000 San Pablo Ave. Please Note: there are no public meetings in August.

10. **ADJOURNMENT:**

**NOTICE**

As a general policy, the Commission/Committee/Board will not begin discussion or consideration of an agenda item after 10:00 pm.

Agendas are posted for public inspection in advance of meetings at the City Hall, the Albany Community Center, and the Albany Senior Center. Agendas and supporting documents can also be found online at: [www.albanyca.org](http://www.albanyca.org). Supporting documents and any public comments received will be made available for public inspection at City Hall. If you have any questions pertaining to any agenda item or meeting procedure, please contact the City Clerk’s Office at 510-528-5710 or cityclerk@albanyca.org.

Council and Commission meetings are broadcast live on KALB and streamed live on the City website and YouTube. Audio recordings of Committee meetings will be uploaded to the City website and YouTube within one week of each public meeting. Archives of past City meetings are available on the City website and YouTube. Please note that if you provide your name and address when speaking before the Committee it will become part of the official public record, which will be posted on the Internet and broadcast on KALB.

In compliance with the Americans with Disabilities Act (ADA), and State Law, if you need special assistance to participate in this meeting, please contact the City Administration Office 510-528-5710. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to
this meeting (28 CFR 35.102.104 ADA Title II)“. Upon request, we will provide written agenda materials in appropriate alternate formats, of disability related modification or accommodation, including auxiliary aids or services to enable individuals with disabilities to participate in public meetings. Please deliver a written request, including your name, mailing address, phone number and brief description of the requested materials and preferred alternative format or auxiliary aid or service at least two (2) days before the meeting. Request should be sent to: cityclerk@albanyca.org or City Clerk, 1000 San Pablo Avenue, Albany, CA 94706.

The City of Albany is dedicated to maintaining its small-town ambience, responding to the needs of a diverse community, and providing a safe, healthy and sustainable environment.
MINUTES
THURSDAY, MAY 9, 2019, 7:00 PM

1. CALL TO ORDER / ROLL CALL: 7:00 pm

2. APPROVAL OF MINUTES: APRIL 11, 2019
   Motion to approve: Commissioner Abbott
   Seconded by Commissioner Chang Frank
   Vote: Favor 5; Abstained 2; Motion carried

3. PUBLIC COMMENT:
   For persons desiring to address the Commission on an item that is not on the agenda
   please note that each speaker is limited up to three (3) minutes. The Brown Act limits the
   Commission ability to take and/or discuss items that are not on the agenda; therefore,
   such items are normally referred to staff for comment or to a future agenda.

4. ANNOUNCEMENTS:
   Staff and Commission member announcements, reports and updates of status.

5. PRESENTATIONS:
   5-1. Youth & Teen Services
       Heather Posner gave a presentation about Youth Services.

       Information only

6. STREET TREE REMOVAL APPLICATIONS:
   6-1. Street Tree Removal Application for (1) Camphor at 721 Pomona Avenue

       Motion to approve the Tree Removal Application: Commissioner Abbott
       Second: Commissioner Marten
       Vote: All in Favor; Motion carried

   6-2. Street Tree Removal Application for (1) one Weeping Melaleuca at 1054 Kains Avenue

       Motion to deny the Tree Removal Application: Commissioner Chair Patterson
       Second: Commissioner Chang Frank
       Vote: All in Favor; Motion carried
6-3. **Street Tree Removal Application for (1) one London Plane at 1461 Marin Avenue**

Motion to approve the Tree Removal Application: Commissioner Marten
Second: Commissioner Noble
Vote: 6 in Favor; Motion carried (Commissioner Sardiñas recused herself)

7. **DISCUSSION & POSSIBLE ACTION ON MATTERS RELATED TO THE FOLLOWING ITEMS:**

7-1. **Terrace Park Replacement Tree:**
Staff proposed three options for the replacement tree.

Motion to select Option 3 (near basketball court) and plant 2 large trees:
Commissioner Sardiñas
Seconded by Commissioner Cooper
Vote: Favor 5; Opposed 2; Motion carried *Commission requested a selection of potential replacement trees be brought back to the Commission for approval.

7-2. **2019-2012 Work Plan:**
Reviewed the Council approved Work Plan and created Sub-committees for the following projects (or others, if desired):

1. Albany Hill Interpretive Signage: Commissioner Sardiñas
2. Relocation of the Community Garden: Chair Patterson, Commissioners Sardiñas and Noble
3. Tree Removal Education Campaign for Homeowners: Commissioner Chang Frank
4. Review of Public and Private Memorials/Honors/Other Installations: Commissioners Cooper, Marten and Noble

7-3. **Fair Play Act (AB 2404) Youth Participation Report:**
Staff presented youth participation data and a summary of promotion and development activities undertaken by the Department and third-party users as required by the City’s Fair Play Act Policy.

Information only

8. **FUTURE AGENDA ITEMS:**
Commissioners announce requests for future agenda items. No public comment will be taken on announcement of future agenda items.

9. **NEXT MEETING:** Thursday, June 13, 2019 7:00 pm, City Hall Council Chambers, 1000 San Pablo Ave. Please Note: there are no public meetings in August.

10. **ADJOURNMENT:** 9:15 pm

**NOTICE**

As a general policy, the Commission/Committee/Board will not begin discussion or consideration of an agenda item after 10:00 pm.

Agendas are posted for public inspection in advance of meetings at the City Hall, the Albany Community Center, and the Albany Senior Center. Agendas and supporting documents can also be found online at: [www.albanyca.org](http://www.albanyca.org). Supporting documents and any public comments received will be made available for public inspection at City Hall. If you have any questions pertaining to any agenda item or meeting procedure, please contact the City Clerk’s Office at 510-528-5710 or cityclerk@albanyca.org.

Council and Commission meetings are broadcast live on KALB and streamed live on the City website and YouTube. Audio recordings of Committee meetings will be uploaded to the City website and YouTube within one week of each public meeting. Archives of past City meetings are available on the City website and YouTube. Please note that if you provide your name and address when speaking before the Committee it will become part of the official public record, which will be posted on the Internet and broadcast on KALB.

In compliance with the Americans with Disabilities Act (ADA), and State Law, if you need special assistance to participate in this meeting, please contact the City Administration Office 510- 528-5710. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting (28 CFR 35.102.104 ADA Title II)*. Upon request, we will provide written agenda materials in appropriate alternate formats, of disability related modification or accommodation, including auxiliary aids or services to enable individuals with disabilities to participate in public meetings. Please deliver a written request, including your name, mailing address, phone number and brief description of the requested materials and preferred alternative format or auxiliary aid or service at least two (2) days before the meeting. Request should be sent to: cityclerk@albanyca.org or City Clerk, 1000 San Pablo Avenue, Albany, CA 94706.

The City of Albany is dedicated to maintaining its small-town ambience, responding to the needs of a diverse community, and providing a safe, healthy and sustainable environment.
DATE: June 13, 2019
TO: Parks, Recreation, and Open Space Commission
FROM: Claire Griffing, Sustainability & Resilience Manager
       Justin Fried, Transportation Planner
       Jeff Bond, Community Development Director
SUBJECT: Codornices Creek Restoration Project Phase 4

STAFF RECOMMENDATION

Recommend that Council approve plans for Codornices Creek Restoration Project Phase 4.

BACKGROUND

The planning and implementation of the restoration of Codornices Creek between Kains Avenue to Interstate 80 has been ongoing since the late 1990’s, and involves the City of Albany, the City of Berkeley, and the University of California. Lower Codornices Creek forms the boundary between the cities of Berkeley and Albany, and on the Albany side, the primary owner is the University of California (University Village).

Three phases of the restoration project, from 8th Street downstream to the railroad tracks, have been completed to date. As a result of earlier creek projects, native riparian habitats have been created. In addition, a bicycle-pedestrian shared use trail has been constructed that connects to local and regional bicycle trail networks and recreational facilities in both Berkeley and Albany.

The current Capital Improvement Plan approved by the City Council in March 2018 included a partially funded project for continued restoration of Codornices Creek. Phase 4 of the project includes a trail connection from 8th Street to 10th Street and vegetation improvements.

The City Council discussed the Phase 4 project on Monday, December 17, 2018, and the Traffic & Safety Commission reviewed the plans at their meeting on Tuesday, December 18, 2018. The Parks, Recreation, and Open Space Commission received a presentation about the project on January 3, 2019. Public comments received included concerns about right angle turns and logs near the trail potentially causing difficulty for cyclists, and requests for bike racks and more room for a running path.

ANALYSIS

City staff have been working with Restoration Design Group (RDG) to develop plans for Phase 4 of the Codornices Creek Restoration Project, which includes a bicycle and pedestrian shared-use path from 8th to 10th Streets, a crossing at 8th street to link to the Phase 3 project, and minor vegetation improvements. The trail is designed to be a low stress bicycle facility. When
the Little League fields are in active use, the mix of pedestrians and attendees will require that bicyclists travel at low speeds or dismount.

Staff completed a site walk with RDG in June 2018, followed by a kick-off meeting with stakeholders that are active in the project area, including an adjacent property owner, Ecocity Builders, Friends of Five Creeks, Albany Little League, and UC Village.

Out of these discussions, a concept plan was developed. Some of the design considerations that guided the development of the plan include:

- Close a gap in the creek shared use path between 8th Street and 10th Street;
- Improve accessibility to the creek and the Little League fields;
- Eliminate chain-link fencing between the trail and the creek (baseball field fencing would remain);
- Minimize impact on Albany Little League facilities;
- Maintain truck access and parking for UC village staff and maintenance center;
- Avoid, where possible, impacts on healthy trees and areas restored in 1990s by citizen volunteer groups;
- Keep all improvements above top of bank of Codornices Creek in order to avoid complex state and federal permitting requirements.

The plans include a raised crosswalk at 8th Street in the City of Berkeley to connect to the existing trail to the west. The 10-foot wide ADA compliant trail will continue east along the existing dirt trail route, along the southern edge of the UC Village staff parking lot, and to the south of the Little League fields. Existing fencing along the creek will be replaced with a split-rail fence to improve sightlines, and an interpretive feature will be placed near the Little League fields. The plans retain existing trees where possible.

A 60% plan set was reviewed by environmental, transportation, and public works staff at the cities of Albany and Berkeley as well as UC over the past few months. A second round of input was also solicited from stakeholders that are currently active in the project area at a meeting in November, and additional site walks were conducted in January to discuss the best way for the trail to pass to the south the Little League fields and evaluate options for the 8th Street crossing. The attached plans reflect this stakeholder input, including adjustments to the plan to soften turning movements, increase stormwater bioretention, and move furnishings further from the edge of the path.

Plans are scheduled to be reviewed by the Traffic & Safety Commission on June 27th, and by City Council on July 15th. Funding and schedule for implementation of the project will be determined as part of the next update to the Capital Improvement Project budget expected to be prepared later in 2019.

Separate from the design process for Phase 4, the City of Albany, City of Berkeley and UC Berkeley are continuing efforts to improve maintenance activities pursuant to an existing Memorandum of Understanding. The City has shared a draft maintenance plan with Friends of Five Creeks, who have some concerns about the plan. At a future meeting, staff will present the plan for Commission review.

**ATTACHMENTS**

1. Codornices Creek Phase IV Plans
1. Maintain project perimeter fence for the duration of the construction period.

2. Protect all existing improvements not noted for demolition.

3. PP all utilities unless otherwise noted.

4. Legally dispose of all materials cleared, grubbed, demolished, or salvaged but not utilized for project or accepted by owner. Stockpile all materials for reuse as noted on plans.

5. Salvage all irrigation components as feasible, and return to owner. Salvaged components, if deemed in proper working order and if approved by O.R., may be re-used in project irrigation installation.

DEMOLITION LEGEND

- PROPERTY BOUNDARY
- EASEMENT
- LIMIT OF WORK (SHOWN SCHEMATICALLY)
- AREA TO BE CLEARED AND GRUBBED; SEE DEMOLITION NOTES
- PROVING TO BE DEMOLISHED AND REMOVED; SEE DEMOLITION NOTES AND SPECIFIC NOTES ON PLAN
- FENCING, GATES, WALLS, AND CURB/GUTTER TO BE REMOVED
- CONSTRUCTION ACCESS
- TREE TO BE REMOVED
- TREE TO BE TRANSPLANTED

EROSION CONTROL NOTES

1. Provide storm inlet protection measures at all outfalls within the project site.

2. Contractor to provide SWPPP and ensure compliance throughout the duration of construction.

3. See grading plan for additional erosion control notes.

4. See grading plan for additional erosion control measures.

DEMOlITION NOTES

1. Maintain project perimeter fence for the duration of the construction period.

2. Protect all existing improvements not noted for demolition.

3. PP all utilities unless otherwise noted.

4. Legally dispose of all materials cleared, grubbed, demolished, or salvaged but not utilized for project or accepted by owner. Stockpile all materials for reuse as noted on plans.

5. Salvage all irrigation components as feasible, and return to owner. Salvaged components, if deemed in proper working order and if approved by O.R., may be re-used in project irrigation installation.
Saw-cut and remove concrete and AC paving to allow for new improvements. See layout plans.

Remove curb/gutter, wood fence and bollards along edge of parking lot, typ.

Remove dead oak tree.

Clear and grub all non-native vegetation per O.R. direction.

PP or transplant native vegetation, typ.

Clear and grub all non-native vegetation to top of bank.

Tree to remain, typ., provide tree protection fencing. Clear and grub by hand under trees to remain.

Saw-cut and remove concrete paving and curbs/gutters as shown.

Prepare catch basin for modifications, see layout and grading plans.

Precast catch basin for modifications. See layout plans.

Saw-cut and remove AC paving and curbs/gutters, and sidewalks to allow for new improvements, see layout plans.

Prepare pipes under walk for modifications, see layout plans.

Saw-cut and remove AC paving, curbs/gutters, and sidewalks to allow for new improvements, see layout plans.

PP and prepare pipes under walk for modifications, see layout plans.

Prepare utility box for modifications, see layout plans.

PP utility box.

PP (E) streetlight.

PP (E) catch basin.

Prevent channelling fence, PP (E) post per O.R. direction.

Demolish concrete paving and curbs/gutters, and return to owner if requested.

Demolish and abandon drain inlet, east side of 8th street.

Demolish and abandon drain inlet, west side of 8th street.

Demolish path.

Demolish and abandon drain inlet, east side of 8th street.

Demolish and abandon drain inlet, west side of 8th street.

Saw-cut and remove AC paving to allow for new improvements, see layout plans.
PREPARE CONSTRUCTION CORRIDOR THROUGH COMMUNITY GARDEN AND CITY OF ALBANY AND UC BERKELEY.

REMOVE CHAIN-LINK FENCING AND CONCRETE FOOTINGS AS DIRECTED BY O.R. DIRECTION.

REMOVE APPROXIMATELY 10 ELM TREES UP TO 9" DIAMETER PER O.R. DIRECTION, PP BUCKEYE TREES.

REMOVE DEAD ELM TREE AND GROUPING OF ELM TREES IN THIS AREA, INCLUDING ROOTS PER O.R. DIRECTION. PP BOX ELDER TREES AND OTHER NATIVE TREES PER O.R. DIRECTION.

REMOVE WOOD HEADER AND PLASTIC FABRIC.

SALVAGE BLEACHERS, REMOVE 4" THICK CONCRETE PAD. RE-INSTALL BLEACHERS PER PLANS. COORDINATE ALL WORK WITH PROJECT STAKEHOLDERS PRIOR TO PROJECT START.

TREES TO REMAIN, TYP. SEE SPECS AND PLANTING PLANS.

REMOVE WOOD FENCING FROM NEAREST POST.

PREPARE CONSTRUCTION CORRIDOR TO RECEIVE TRANSPLANTED TREES. SEE LAYOUT PLANS.

PREPARE AREA TO RECEIVE TRANSPLANTED TREES. SEE LAYOUT PLANS.

REMOVE AND DISPOSE OF MOUNDED SOIL IN THIS AREA PER O.R. DIRECTION.

REMOVE APPROXIMATELY 10 ELM TREES UP TO 9" DIAMETER PER O.R. DIRECTION, PP BUCKEYE TREES.

REMOVE丹木 TREE AND GROUPING OF ELM TREES IN THIS AREA, INCLUDING ROOTS PER O.R. DIRECTION. PP BOX ELDER TREES AND OTHER NATIVE TREES PER O.R. DIRECTION.

NO WORK IN CHANNEL.

PREPARE CONSTRUCTION CORRIDOR THROUGH COMMUNITY GARDEN AND CITY OF ALBANY AND UC BERKELEY.

REMOVE CHAIN-LINK FENCING AND CONCRETE FOOTINGS AS DIRECTED BY O.R. DIRECTION.

REMOVE APPROXIMATELY 10 ELM TREES UP TO 9" DIAMETER PER O.R. DIRECTION, PP BUCKEYE TREES.

REMOVE DEAD ELM TREE AND GROUPING OF ELM TREES IN THIS AREA, INCLUDING ROOTS PER O.R. DIRECTION. PP BOX ELDER TREES AND OTHER NATIVE TREES PER O.R. DIRECTION.

SALVAGE BLEACHERS, REMOVE 4" THICK CONCRETE PAD. RE-INSTALL BLEACHERS PER PLANS. COORDINATE ALL WORK WITH PROJECT STAKEHOLDERS PRIOR TO PROJECT START.

TREES TO REMAIN, TYP. SEE SPECS AND PLANTING PLANS.

REMOVE WOOD FENCING FROM NEAREST POST.

PREPARE CONSTRUCTION CORRIDOR TO RECEIVE TRANSPLANTED TREES. SEE LAYOUT PLANS.

PREPARE AREA TO RECEIVE TRANSPLANTED TREES. SEE LAYOUT PLANS.

REMOVE AND DISPOSE OF MOUNDED SOIL IN THIS AREA PER O.R. DIRECTION.

REMOVE APPROXIMATELY 10 ELM TREES UP TO 9" DIAMETER PER O.R. DIRECTION, PP BUCKEYE TREES.

REMOVE DANUM TREE AND GROUPING OF ELM TREES IN THIS AREA, INCLUDING ROOTS PER O.R. DIRECTION. PP BOX ELDER TREES AND OTHER NATIVE TREES PER O.R. DIRECTION.

NO WORK IN CHANNEL.
SAVAGE AND RELOCATE BLEACHERS. SEE L-2.3. REPLACE MISSING OR LOOSE BOLTS TO SECURE LOOSE BENCHES. COORDINATE ALL WORK WITH PROJECT STAKEHOLDERS PRIOR TO PROJECT START.

REMOVE CHAIN-LINK FENCING, CONCRETE FOOTINGS, AND WOOD HEADERS, TYP.

PP CHAIN-LINK FENCING AND FOOTINGS, UDN

TREES TO REMAIN, TYP., PROVIDE TREE PROTECTION FENCING, CLEAR AND GRUB. HAND-HELD TRIMMING TO REMAIN.

PP BALLFIELD FENCING

NO WORK IN CHANNEL

CLEAR AND GRUB AND REMOVE ALL NON-NATIVE TREES TO TOP OF BANK. PP NATIVE PLANTS PER O.R. DIRECTION.

DESTROY PATH.

NO WORK IN CHANNEL

PP BULLPEN FENCING, MOWBAND, ETC.

PP UTILITY POLES, TYP.

PP (E) BIORETENTION

PP YELLOW BOLLARDS, TYP.

PP BALLFIELD FENCING

REMOVE CURB

Saw-cut and remove AC paving and sidewalks to allow for new improvements, see plans.

REPLACE CURB, SEE PR, KB

LOW, PR, AS, KB

SALVAGE AND RELOCATE BLEACHERS, SEE L-2.3. REPLACE MISSING OR LOOSE BOLTS TO SECURE LOOSE BENCHES. COORDINATE ALL WORK WITH PROJECT STAKEHOLDERS PRIOR TO PROJECT START.

NO WORK IN CHANNEL

PP CHAIN-LINK FENCING AND FOOTINGS, UDN

TREES TO REMAIN, TYP., PROVIDE TREE PROTECTION FENCING, CLEAR AND GRUB. HAND-HELD TRIMMING TO REMAIN.

PP BALLFIELD FENCING

NO WORK IN CHANNEL

CLEAR AND GRUB AND REMOVE ALL NON-NATIVE TREES TO TOP OF BANK. PP NATIVE PLANTS PER O.R. DIRECTION.

DESTROY PATH.

NO WORK IN CHANNEL

PP BULLPEN FENCING, MOWBAND, ETC.

PP UTILITY POLES, TYP.

PP (E) BIORETENTION

PP YELLOW BOLLARDS, TYP.

PP BALLFIELD FENCING

REMOVE CURB

Saw-cut and remove AC paving and sidewalks to allow for new improvements, see plans.

REPLACE CURB, SEE PR, KB

LOW, PR, AS, KB

SALVAGE AND RELOCATE BLEACHERS, SEE L-2.3. REPLACE MISSING OR LOOSE BOLTS TO SECURE LOOSE BENCHES. COORDINATE ALL WORK WITH PROJECT STAKEHOLDERS PRIOR TO PROJECT START.
1. PROVIDE SHOP DRAWINGS AND AS-BUILTS AS NOTED IN SPECIFICATIONS.
2. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON THE SITE AND NOTIFY O.R. PRIOR TO INSTALLING THE SURVEY, ALIGN, TYP.
3. DIMENSIONS AS SHOWN ARE TO BE VERIFIED WITH THE O.R. PRIOR TO INSTALLING THE PROPOSED SITE IMPROVEMENTS AT NO COST TO THE OWNER.
4. PROVIDE SHOP DRAWINGS AND AS-BUILTS AS NOTED IN SPECIFICATIONS.
5. SITE IMPROVEMENTS INCLUDING BUT NOT LIMITED TO TRENDS, GUARDRAILS, SWALES, CURBS, AND PAVING SHALL BE STAINED IN THE FIELD FOR REVIEW AND APPROVAL BY O.R. PRIOR TO INSTALLATION.

EROSION CONTROL NOTES

1. INSTALL BATTERED SLOPES OF SILT FENCE, LEAVE IN PLACE AFTER SILT FENCE IS REMOVED.

ARROW DESIGNATION

1. PROPERTY BOUNDARY
2. CODEORNICES CREEK NO LINE
3. LIMIT OF WORK
4. CHANNEL CENTERLINE
5. Major Contour
6. Minor Contour
7. Temporary Restoration Barrier
8. Chain Link Fence
9. Rock Dissipator

ASPHALT PAVING
VEHICULAR ASPHALT PAVING
LOG SEATING
CONCRETE SEATWALL
ROCKERY
BICYCLE RACK
TRASH RECEPTACLE, SEE SPEC
FILL
PA PLANTING AREA
AGGREGATE PAVING

GRADING LEGEND

1. SEE DETAILS FOR ADDITIONAL GRADING INFORMATION.
2. MAXIMUM SLOPE SHALL BE 2:1.
3. CONTRACTOR RESPONSIBLE FOR PROVIDING A SURVEYARY LICENSED SURVEYOR OF THE FINAL AS-BUILT GRADING FOR O.R. REVIEW AND APPROVAL.
4. SEE SPECIFICATIONS FOR SOIL PREPAREIN (KN REQUIRED PRIOR TO PLANTING).
5. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND IMPLEMENTING THE SWAPP AND MAINTENANCE OF ALL \IMPS DEFINED IN THE SWAPP.
6. WHERE EROSION IS REQUIRED ADJACENT TO (E) TEMPORARY RESTORATION BARRIERS, CONTRACTOR SHALL VERIFY CONDITION AND LOCATION.
7. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON THE SITE AND NOTIFY O.R. OF ALL DISCREPANCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING MINOR SITE ADJUSTMENTS TO GRADING, ALIGNMENT, AND LAYOUT TO PROPPOSED SITE IMPROVEMENTS AT NO COST TO THE OWNER.
8. GRADING IS INTENDED TO BE IMPLEMENTED WITH SMOOTH, EVEN SLOPES AND CURVING. NO ABRUPT CHANGES SHALL BE ALLOWED.
9. VERTICAL EROSION RADIUS

GRADING NOTES

1. INSTALL BATTERED SLOPES OF SILT FENCE, LEAVE IN PLACE AFTER SILT FENCE IS REMOVED.
2. CONTRACTOR RESPONSIBLE FOR PROVIDING A SURVEYARY LICENSED SURVEYOR OF THE FINAL AS-BUILT GRADING FOR O.R. REVIEW AND APPROVAL.
3. CONTRACTOR RESPONSIBLE FOR PROVIDING A SURVEYARY LICENSED SURVEYOR OF THE FINAL AS-BUILT GRADING FOR O.R. REVIEW AND APPROVAL.
4. CONTRACTOR RESPONSIBLE FOR PROVIDING A SURVEYARY LICENSED SURVEYOR OF THE FINAL AS-BUILT GRADING FOR O.R. REVIEW AND APPROVAL.
5. CONTRACTOR RESPONSIBLE FOR PROVIDING A SURVEYARY LICENSED SURVEYOR OF THE FINAL AS-BUILT GRADING FOR O.R. REVIEW AND APPROVAL.
6. CONTRACTOR RESPONSIBLE FOR PROVIDING A SURVEYARY LICENSED SURVEYOR OF THE FINAL AS-BUILT GRADING FOR O.R. REVIEW AND APPROVAL.
7. CONTRACTOR RESPONSIBLE FOR PROVIDING A SURVEYARY LICENSED SURVEYOR OF THE FINAL AS-BUILT GRADING FOR O.R. REVIEW AND APPROVAL.
8. CONTRACTOR RESPONSIBLE FOR PROVIDING A SURVEYARY LICENSED SURVEYOR OF THE FINAL AS-BUILT GRADING FOR O.R. REVIEW AND APPROVAL.
9. CONTRACTOR RESPONSIBLE FOR PROVIDING A SURVEYARY LICENSED SURVEYOR OF THE FINAL AS-BUILT GRADING FOR O.R. REVIEW AND APPROVAL.

EROSION CONTROL NOTES

1. INSTALL BATTERED SLOPES OF SILT FENCE, LEAVE IN PLACE AFTER SILT FENCE IS REMOVED.
2. CONTRACTOR RESPONSIBLE FOR PROVIDING A SURVEYARY LICENSED SURVEYOR OF THE FINAL AS-BUILT GRADING FOR O.R. REVIEW AND APPROVAL.
3. CONTRACTOR RESPONSIBLE FOR PROVIDING A SURVEYARY LICENSED SURVEYOR OF THE FINAL AS-BUILT GRADING FOR O.R. REVIEW AND APPROVAL.
CITY OF ALBANY
AND UC BERKELEY

MATCHLINE

MATCHLINE

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.

L.O.W.
MM EXISTING CURB, GUTTER, SIDEWALK AND AC PAVING FROM THIS POINT

NO WORK IN CHANNEL CODORNICES CREEK CURB AND GUTTER PER COB STANDARD DETAILS PLAN 8145, SEE SPECS

EXTEND (E) DRAIN PIPES TO NEW PIPE CONNECTING TO (E) BOX CULVERT

MM (E) AC PAVING, PROVIDE TRANSVERSE TAPER AT ALL TRANSITIONS PER CALTRANS STANDARD DETAIL CURB PER COB STANDARD DETAILS PLAN 8146 (SEE SPECS) WITH GUTTER SLOPED TO DRAIN TO WESTERN CURB

ENSURE POSITIVE DRAINAGE TO BIORETENTION PLANTER

CURB AND GUTTER PER COB STANDARD DETAILS PLAN 8145, SEE SPECS

NO WORK IN CHANNEL

DESCRIPTION

REVISIONS

DATE

PROJECT TITLE

SHEET TITLE

RENEWAL DATE

DATE

SIGNATURE

DESIGN PHASE

CODORNICES CREEK PHASE IV
8TH STREET TO 10TH STREET
JUNE 3, 2019

1" = 10'-0"
ENSURE SMOOTH TRANSITION BETWEEN NEW AND (E) AGGREGATE PAVING.

RETAIN GRADE OF (E) COMMUNITY ORCHARD AT BACK OF ROCKERY. SEE DETAIL.

HOLD CONCRETE PAVING FLUSH WITH CONCRETE PAD AT BLEACHERS.

RETAIN GRADE OF (E) COMMUNITY ORCHARD AT BACK OF ROCKERY. SEE DETAIL.

HOLD CONCRETE PAVING FLUSH WITH CONCRETE PAD AT BLEACHERS.

APPROXIMATE LOCATION OF INTERPRETIVE ELEMENT.
NOTED:
1. FIELD VERIFY ALL BIKE RACK LOCATIONS IN THE FIELD WITH O.R. PRIOR TO INSTALLATION
2. PATH GUIDELINE SIGNAGE TBD BY O.R.
BIO RETENTION ENLARGEMENT PLAN
SCALE: 1/2" = 1'-0"

SECTION A
SCALE: 1/2" = 1'-0"

LATERAL BRACING

BIORETENTION ENLARGEMENT PLAN
SCALE: 1/2" = 1'-0"

SECTION B
SCALE: 1/2" = 1'-0"
**NOTES:**
1. WARNING SIGN LOCATIONS WILL BE DETERMINED IN THE FIELD. TRAILED SIDEWALK AND W13 SIGNS WILL BE APPROXIMATELY 100’ BEFORE THE SPEED TABLE IN BOTH TRAVEL LANES. W14 AND W15-F SIGNS WILL BE PLACED CLOSE TO CROSSWALK ON BOTH SIDES.
2. SEE CALTRANS 2018 STD. PLANS FOR SIGNS
3. ALL MARKINGS SHALL BE REFLECTIVE

**VEHICULAR CONCRETE PAVEMENT:** #4
#2 NAIRY 12” ON CENTER EACH WAY

- ASPHALT IMPREGNATED BACKER BOARD
- HMA PAVING
- BASE COURSE
- COMPACTED SUBGRADE

**SECTION A**
Scale: 1/4” = 1'-0”

**SPEED TABLE ENLARGEMENT PLAN**
Scale: 1/4” = 1'-0”
POST, CONSTRUCTION HEART REDWOOD. USE 8" DIA. FOR LINE, CORNER AND END POSTS. SPACE 8' O.C. MAX. LOCATE POSTS 6" CLR OF PAVING, TYP.

RAILS, CONSTRUCTION HEART REDWOOD. (2) 2"X4" AND (3) 2"X6" CONTINUOUS ON TRAIL. SIDE OF POSTS. RAILS SHALL SPAN 3 POSTS MINIMUM WHERE POSSIBLE. BUTT JOINTS AT END OF POSTS. ALTERNATE JOINTS - ONLY ONE BUTT JOINT ALLOWED AT EACH POST. SIDE POSTS. EXTEND POST END POSTS AS SHOWN. FASTEN AT EACH END OF EACH BOARD WITH (2) SIMPSON SWDS SCREWS. 5" LONG. WHERE WOOD GUARDRAIL TRANSITIONS TO RAIL FENCE, RAILS SHALL RUN CONTINUOUS.

CUSTOM GALVANIZED STEEL POST BRACKET, EMBED IN CONCRETE, SEE CUSTOM STEEL POST BRACKET ENLARGEMENT AND SPECIFICATIONS. (2) 7/8" DIAMETER BOLTS AT POST BRACKET, DESTROY EXPOSED THREADS.

WOOD GUARDRAIL

1. HORIZONTAL REBAR 4" ADJACENT TO AND OUTSIDE POST BRACKET AS SHOWN.
2. VERTICAL REBAR 4" BARS AT 12" O.C. TYP. LOCATIONS AT EACH POST BRACKET, WELDED (1) EACH SIDE TIGHT AGAINST BRACKET, TYP.
3. THICKENED EDGE OF CONCRETE SLAB WITH (4) #4 REBAR. (2) MIDDLE AND (2) BOTTOM.
4. FINISH GRADE VARIES, SEE GRADING PLANS.
5. SIDE PLATES, 1/4"X3"X12" WITH (2) 15/16" DIAMETER HOLES.
6. SEAT PLATE, 1" THICK X 5-9/16" SQUARE.
7. STEEL PIPE, 2" SCHEDULE 40 STANDARD STEEL.
8. HORIZONTAL REBAR: RUN #4 ADJACENT TO AND OUTSIDE POST BRACKET AS SHOWN.
9. VERTICAL REBAR: #4 BARS AT 12" O.C., TYP. EXCEPTION: AT EACH POST BRACKET, INSTALL (1) EACH SIDE TIGHT AGAINST BRACKET, TYP. THICKENED EDGE OF CONCRETE SLAB WITH (4) #4 REBAR. (2) MIDDLE AND (2) BOTTOM.
10. CONCRETE POST FOOTING, SLOPE TOP TO DRAIN.
11. COMPACTED BASE COURSE.
12. COMPACTED SUBGRADE.

RAIL FENCE

1. POST, CONSTRUCTION HEART REDWOOD. USE 6" DIA. FOR LINE, CORNER AND END POSTS. SPACE 8' O.C. MAX. LOCATE POSTS 6" CLR OF PAVING, TYP.
2. RAILS, CONSTRUCTION HEART REDWOOD. (2) 2"X6" CONTINUOUS ON TRAIL. SIDE OF POSTS. RAILS SHALL SPAN 3 POSTS MINIMUM WHERE POSSIBLE. BUTT JOINTS AT END OF POSTS. ALTERNATE JOINTS - ONLY ONE BUTT JOINT ALLOWED AT EACH POST. SIDE POSTS. EXTEND POST END POSTS AS SHOWN. FASTEN AT EACH END OF EACH BOARD WITH (2) SIMPSON SWDS SCREWS. 5" LONG. WHERE RAIL FENCE TRANSITIONS TO WOOD GUARDRAIL, RAILS SHALL RUN CONTINUOUS.
3. CONCRETE POST FOOTING, SLOPE TOP TO DRAIN.
4. COMPACTED BASE COURSE.
5. COMPACTED SUBGRADE.
### TREE SCHEDULE

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>SCIENTIFIC</th>
<th>COMMON</th>
<th>QTY</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>QUERCUS AGRIFOLIA</td>
<td>LIVE OAK</td>
<td>4</td>
<td>15 GAL</td>
</tr>
</tbody>
</table>

### PLANT SCHEDULE

<table>
<thead>
<tr>
<th>SCIENTIFIC NAME</th>
<th>COMMON NAME</th>
<th>SIZE</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achillea Millefolium</td>
<td>YARROW</td>
<td>1 GAL</td>
<td>22</td>
</tr>
<tr>
<td>Carex Praegracilis</td>
<td>SLENDER SEDGE</td>
<td>D-40</td>
<td>66</td>
</tr>
<tr>
<td>Carpodrera Californica</td>
<td>BUSH AMBROSE</td>
<td>5 GAL</td>
<td>11</td>
</tr>
<tr>
<td>Garlya Elliotica Var.</td>
<td>SHIN TASEL BUSH</td>
<td>5 GAL</td>
<td>6</td>
</tr>
<tr>
<td>Heteromeles Arbutifolia</td>
<td>TOYON</td>
<td>5 GAL</td>
<td>4</td>
</tr>
<tr>
<td>Iris Douglasiana</td>
<td>DOUGLAS IRIS</td>
<td>5 GAL</td>
<td>67</td>
</tr>
<tr>
<td>Juncus Patens</td>
<td>GREY RUSH</td>
<td>D-40</td>
<td>6</td>
</tr>
<tr>
<td>Kushneria Risgins</td>
<td>DEER GRASS</td>
<td>1 GAL</td>
<td>10</td>
</tr>
<tr>
<td>Rhambus Californica</td>
<td>COFFEEBERRY</td>
<td>1 GAL</td>
<td>21</td>
</tr>
<tr>
<td>Ribes Sanguinum</td>
<td>FLOWERING CURRANT</td>
<td>1 GAL</td>
<td>32</td>
</tr>
<tr>
<td>Rosa Californica</td>
<td>CALIFORNIA ROSE</td>
<td>1 GAL</td>
<td>18</td>
</tr>
<tr>
<td>Salvia BEE’S BLISS</td>
<td>BEE’S BLISS SAGE</td>
<td>1 GAL</td>
<td>3</td>
</tr>
<tr>
<td>Salvia Spathacea</td>
<td>HUMMINGBIRD SAGE</td>
<td>1 GAL</td>
<td>45</td>
</tr>
</tbody>
</table>

### PLANTING AND IRRIGATION NOTES

1. Container plants shall be restoration grade native plants; cultivars of native species will not be accepted. County of origin for each plant shall be noted in submittal.

2. Final layout of container plants to be approved by O.R. in the field. Contractor to provide means of marking plant locations.

3. Contractor shall provide plants in container sizes noted in legend. In some circumstances container sizes may be substituted with O.R. approval. The following are plant quantity ratios for plant container size substitutions. Contractor to provide a submittal for all proposed substitutions. See specifications.

<table>
<thead>
<tr>
<th>Container Size Substitution</th>
<th>Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 GAL to 4 GAL TREE POT</td>
<td>1:2</td>
</tr>
<tr>
<td>1 GAL POT to D-40</td>
<td>1:1.2</td>
</tr>
<tr>
<td>1 GAL POT to D-16</td>
<td>1:1.4</td>
</tr>
</tbody>
</table>

4. Plants shall be unevenly spaced, unless directed otherwise by O.R. in the field.

5. Irrigation design shall be provided by contractor as bidder design irrigation plan(s) submittal (see specifications). Contractor shall provide bidder design irrigation plan(s), material takeoff, savings, and approval by O.R. See specifications and specific notes on plan for requirements.

6. Bidder design irrigation plan shall ensure all spray irrigation provides head to head coverage, matched precipitation & avoids overspray onto paved or non-planted areas.

7. Irrigation components shall be installed prior to the installation, operational test and approval of the system by O.R.

8. Install irrigation components as noted in the specifications.

9. Coordinate irrigation points of connection and power source with client and project planning team; provide all necessary connections.
MULCH BETWEEN CURB, SIDEWALK AND ASPHALT PATH

IRRIGATE ALL CONTAINER PLANTS WITH BUBBLERS

MULCH IN PLANTER, SEE SPECS PROVIDE IRRIGATION

NOTE: MULCH ALL PLANTED AREAS, SEE SPECIFICATIONS
MULCH ALONG CREEK SIDE OF ASPHALT PAVING TO TOP OF BANK TO COVER ALL AREAS CLEARED AND DISTURBED BY CONSTRUCTION.

MULCH BETWEEN ROCKERY AND FENCE TO TRANSPLANTED TREES.

BRIGATE CONTAINER PLANTS AND TREES IN BUBBLERS.

NOTE: MULCH AL PLANTED AREAS, SEE SPECIFICATIONS.

MULCH BETWEEN ROCKERY AND FENCE TO TRANSPLANTED TREES.

PROVIDE BUBBLERS TO TRANSPLANTED TREES.

IRRIGATE CONTAINER PLANTS AND TREES W/ BUBBLERS.

MULCH ALONG CREEK SIDE OF LOG BENCHES TO TOP OF BANK TO COVER ALL AREAS CLEARED AND DISTURBED BY CONSTRUCTION.

NOTE: MULCH ALL PLANTED AREAS, SEE SPECIFICATIONS.
NOTE: MULCH ALL PLANTED AREAS, SEE SPECIFICATIONS
**LARGE CONTAINER TREE**

- 5gal or larger
- 10 inches wide loops around trunk
- Secure arborties 4" min from top of stakes
- Direction and approval of installation by O.R.

**ARBORTIE TREE TIES (2), W/ 10" WIDE LOOPS AROUND TRUNK. SECURE ARBORTIES 4" MIN FROM TOP OF STAKES.**

**TREE STAKES, SET VERTICAL OUTSIDE ROOTBALL.**

- Set crown 1" above finished grade.
- Keep top of stakes 6" min clear of limbs.
- Set in line with creek flow direction.

**FINISH GRADE**

**MULCH**

**CHECK CREEK FLOW DIRECTION**

**TREE OR SHRUB ROOTBALL (1 GALLON OR LARGER). SET CROWN 1-2" ABOVE FINISHED GRADE.**

**PLANT GROWN IN RESTORATION CONTAINER (SMALLER THAN 1 GALLON).**

**PLANTING PIT, EQUAL DIAMETER TO CONTAINER, USE DIBBLE OR HAND SPADE. SET CROWN ABOVE FINISH GRADE. PINCH NATIVE SOIL TIGHT AGAINST ROOTS.**

**MULCH / SEEDING, SEE PLANS AND SPECIFICATIONS. KEEP MULCH CLEAR OF CROWN.**

**SLOPED CONDITION - SET PLANT PLUMB**
STAFF RECOMMENDATION

That the Commission review the 90% designs and estimates and:

a. Approve design with selected options and recommend project to public bid;
b. Recommend additional Measure R funds be allocated to the project budget.

BACKGROUND

In 2015, during the Commission’s work on selecting Measure WW funded projects, the addition of Bocce Courts in Ocean View Park was identified.

In May 2016, the East Bay Regional Park District, through their Measure WW Local Grants Program awarded $42,606 for the Bocce project. The budget for this project was appropriated by Council as part of the City’s Capital Improvement Program last updated on March 19, 2018 (Resolution 2018-36) and included in the most recent Engineer’s Report for the Landscaping and Lighting Assessment District (LLAD) 1996-1, Open Space, Recreational Playfield and Creek Restoration (Measure R).

In February 2018, the Commission decided to move the Measure WW funds from the Bocce Courts to the Memorial Park Improvement Project and fund the Bocce Courts with Measure R Recreation Playfield funds. The original 2015 budget estimate of $50,000 has not been updated to reflect a more current estimate for the project.

On April 11, 2019, the Commission reviewed the schematic design plans for the Ocean View Bocce Courts and provided feedback to RDG.
DISCUSSION

Measure R Recreational Playfield funds can be used for:

“Playfield improvements will consist of constructing baseball, softball, soccer or other recreational fields. The work will include but not be limited to clearing, grading, planting, constructing backstops and goals, restroom facilities, parking improvements, curb gutters, paving, planting, irrigation, lighting and fencing improvements and include maintenance of the foregoing.”

The 90% Bocce Court design plans provide the Commission a detailed plan for site preparation, construction and furnishing, revegetation and irrigation and three additional options to consider in the project. The Commission may decide to move forward with the 90% plans as submitted or exclude some items from the plan. The estimated cost to complete the project as presented in the 90% plans is $163,725.98. To date approximately $20,000 of the original budget have been used to pay for design and surveys. The Commission can recommend increasing the budget for the project to fund the desired elements in the project design.

FINANCIAL IMPACT

The remaining Measure R fund balance in Recreational Playfields is $180,000, this excludes the $50,000 budget for Bocce Courts.
MEMORANDUM

TO: Chelle Putzer (City of Albany)  
FROM: Anneke Swinehart (Restoration Design Group, Inc.)  
RE: Design Development within the 90% Plans

BACKGROUND

- The Ocean View Bocce courts are under a compressed design scope to speed them towards construction this summer.  
- The committee reviewed Schematic Design sketches and material images at the April meeting, but have not seen a traditional intervening Design Development package for the improvements prior to this 90% presentation.  
- Design Development decisions still need to be made by the City, and direction provided to RDG in order to complete the drawings. The PowerPoint presentation will contain more illustrative images to help facilitate those decisions, but they were not included in the 90% plans for efficiency.

DESIGN DEVELOPMENT DECISION

Lighting

- During the Schematic Design Presentation, RDG was directed to increase the number of path lights in the improved areas for consistency with existing lighting plans and for greater safety and comfort.  
- Café lighting was desired, and RDG was directed to lay out proposed locations, but the café lights were not to be the primary source of light in the improved areas.  
- Images and layouts for the strings will be shown for discussion during the upcoming meeting, and the post locations are shown in the layout plans, but not yet in the details (pending approval and extents).

Fences and Gates

- Per the last committee meeting, RDG has shown the removal of:
  1. the chain link fence along the creek  
  2. the intermediate chain link fence between the tennis courts and community garden  
  3. the chain link fence and gate between the wood and wire community garden fence and the tennis courts  
- Plans show the replacement of items 1 and 3 above with fences and gates to match existing community garden fencing to bring the finish level of the area up, and make it feel less like a service alley, and more like an integral part of Ocean View Park.  
- Removal and replacement costs have been included for all of the above for discussion and final approval.
Furnishings
- The layout plans show the locations and sizes for a selected suite of
  - Backless benches
  - Backed benches
  - Ping pong table
  - Trash + Recycling
  - (no tables were provided due to proximity to picnic area and space constraints. Renters or city can provide temporary as needed)
- Images and costs for optional alternates will be presented at the meeting for review and consideration.

Accessories
- Essential Bocce court accessories are located in the layout plans, and images will be provided for the committee’s review:
  - Bocce ball racks
  - Bocce ball scoreboards
- Additional accessories have NOT been located, pending feedback and review from the City:
  - Is a ‘how to bocce’ sign desired?
  - Is an Information sign desired with accepted hours of play, rental info, behavior guidelines?
  - Who is allowed to use the courts and when?

Please note these are progress plans and will be revised and QA/QC’d prior to the 100% submittal.

Regards,

Anneke Swinehart, ASLA
Design Director

Cc:
Drew Goetting, Erik Stromberg Restoration Design Group
Gale Rossi City of Albany
1. ALL LOCATIONS SHOWN ON THIS SHEET ARE APPROXIMATE. NO CURRENT SURVEY DATA AVAILABLE FOR THIS SHEET.

2. CONTRACTOR TO VISIT SITE CONDITIONS PRIOR TO COMMENCING WORK AND SHALL BRING ANY DISCREPANCIES OR CONCERNS TO THE ATTENTION OF THE O.R.

3. INSTALL PING PONG TABLE PER MANUFACTURER’S RECOMMENDATIONS

NOTES

ADDITIONAL ITEMS

COMMERCIAL GRADE OUTDOOR PING PONG TABLE, BOLT TO ELECTRICAL PLANTED AREA DECK PLAYGROUND SEATING AREA

DEMOLITION ACACIA, TYP. AC PAVING L-3.0

SWALE, SLOPE TO DRAIN AT EVEN SLOPE BETWEEN THE TOP OF SWALE AND AREA DRAIN SHOWN ON SHEET. L-2.1

DEMO WOOD HEADER CONFORM TO GRADE AT EDGE OF PAVING. GRADE PATH WITH AN EVEN SLOPE BETWEEN THIS EDGE OF PAVING AND GRADES SHOWN FOR THE PATH ON SHEET L-2.1.

ELEVATION OF TOP OF SWALE TO BE 2" BELOW ELEVATION OF ADJACENT WALK 16'-0".

LIMIT OF GRADING SWALE SPECIALS TO BE REMOVED OR PROTECTED ALONG FENCE PER O.R. PRIOR TO COMMENCING WORK FOR THIS AREA ACTIVE PLAY CLEAR SPACE - LOCATE PER O.R. INSTRUCTION, CLEAR OF MAIN CIRCULATION CORRIDOR.

MATCHLINE: SEE SHEET L-2.0

1" = 10'-0"
1. Container plants shall be approved by O.R. prior to installation.

2. Final layout of container plants to be approved by O.R. in the field. Contractor to provide means of marking plant locations.

3. Contractor shall provide plant container sizes noted in legend. In some circumstances container sizes may be substituted with O.R. approval. The following are plant quantity ratios for plant container size substitutions. Contractor to provide a submittal for all proposed substitutions. See specifications.

   - 15 gal pot = no substitutions
   - 5 gal pot to 4 gal treepot = 1:1.2
   - 1 gal pot to D-40 = 1:1.2
   - 1 gal pot to 4" pot = 1:1.4
   - 1 gal pot to D-16 = 1:2

4. Plants shall be installed per final approved layout by O.R., unless directed otherwise by O.R. in the field.

5. See demo plans for notes on (E) irrigation system.

6. Irrigation design shall be provided by contractor as bidder design irrigation plan(s) submittal (see specifications). Contractor shall provide bidder design irrigation plan as shop drawing for review and approval by O.R. See specifications and specific notes on plan for requirements.

7. Bidder design irrigation plan shall ensure all spray irrigation provides head to head coverage matched and operation avoids over-spray on top piled or non-irrigated areas.

8. No planting operations shall be initiated prior to the installation, operational test and approval of the system by O.R.

9. Install irrigation components as noted in the specifications.

10. Coordinate irrigation point of connection and power source, with client and project planning team, to provide all necessary connections.

---

### Plant Schedule

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Size</th>
<th>Spacing</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achillea Millefolium</td>
<td>YARROW</td>
<td>1 gal</td>
<td>2 O.C.</td>
<td>6</td>
</tr>
<tr>
<td>Carex Pragracis</td>
<td>SLENDER SEDGE</td>
<td>1 gal</td>
<td>2 O.C.</td>
<td>32</td>
</tr>
<tr>
<td>Carpenteria California</td>
<td>BUSY ANEMONE</td>
<td>5 gal</td>
<td>5 O.C.</td>
<td>4</td>
</tr>
<tr>
<td>Ceanothus Thyrsiflorus Var. Grisius</td>
<td>BLUEBELLS</td>
<td>1 gal</td>
<td>5 O.C.</td>
<td>17</td>
</tr>
<tr>
<td>Ceanothus</td>
<td>BLUEBELL CREEPER</td>
<td>1 gal</td>
<td>5 O.C.</td>
<td>17</td>
</tr>
<tr>
<td>Clematis</td>
<td>PIPESTEM CLEMATIS</td>
<td>5 gal</td>
<td>5 O.C.</td>
<td>3</td>
</tr>
<tr>
<td>Elymus Glauca</td>
<td>BLUE WILD RYE</td>
<td>1 gal</td>
<td>2 O.C.</td>
<td>25</td>
</tr>
<tr>
<td>Fothergilla Ve Roa</td>
<td>WOODLAND STRAWBERRY</td>
<td>1 gal</td>
<td>2 O.C.</td>
<td>20</td>
</tr>
<tr>
<td>Fragaria Ve Roa</td>
<td>COFFEE BERRY</td>
<td>1 gal</td>
<td>2 O.C.</td>
<td>20</td>
</tr>
<tr>
<td>Ixeris Glauca</td>
<td>MOUND SW BRUSH</td>
<td>1 gal</td>
<td>2 O.C.</td>
<td>20</td>
</tr>
<tr>
<td>Iris Douglasiana</td>
<td>DOUGLAS IRIS, PCH</td>
<td>1 gal</td>
<td>2 O.C.</td>
<td>31</td>
</tr>
<tr>
<td>Polystichum Monitum</td>
<td>WESTERN SWORD FERN</td>
<td>1 gal</td>
<td>3 O.C.</td>
<td>25</td>
</tr>
<tr>
<td>Ribes S. In VA</td>
<td>FLOWERING CURRANT</td>
<td>1 gal</td>
<td>5 O.C.</td>
<td>8</td>
</tr>
<tr>
<td>Rosa Californica</td>
<td>CALIFORNIA ROSE</td>
<td>1 gal</td>
<td>4 O.C.</td>
<td>16</td>
</tr>
<tr>
<td>Westergenia Fruticosa &quot;WIND&quot;</td>
<td>DWARF COAST ROSEMARY</td>
<td>1 gal</td>
<td>3.5 O.C.</td>
<td>32</td>
</tr>
<tr>
<td>Woodwardia Frimbriata</td>
<td>GIANT CHAINfern</td>
<td>1 gal</td>
<td>5 O.C.</td>
<td>7</td>
</tr>
</tbody>
</table>
LARGE CONTAINER TREE (5 GALLON OR LARGER)
ARBORTIE TREE TIES (2), W/ 10" WIDE LOOPS AROUND TRUNK. SECURE ARBORTIES 4" MIN FROM TOP OF STAKES. DIRECTION AND APPROVAL OF INSTALLATION BY O.R. TREE STAKES, SET VERTICAL OUTSIDE ROOTBALL. KEEP TOP OF STAKES 6" MIN CLEAR OF LIMBS.

PLANTING - TREE STAKING

PLANTING - SHRUB

PLANTING - SMALL
### CITY OF ALBANY

Ocean View Park Bocce Courts
 Preliminary Estimate of Probably Construction Costs - 90%

<table>
<thead>
<tr>
<th>Project Element</th>
<th>Task / Item</th>
<th>QTY</th>
<th>Unit</th>
<th>Unit Cost</th>
<th>Subtotal</th>
<th>TOTAL</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SITE PREPARATION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Demolition</td>
<td>Demolish AC Paving</td>
<td>100</td>
<td>SF</td>
<td>$10.00</td>
<td>$1,000.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Demolish DG Paving</td>
<td>215</td>
<td>SF</td>
<td>$3.00</td>
<td>$645.00</td>
<td></td>
<td>may be done prior by Staff</td>
</tr>
<tr>
<td></td>
<td>Demolish Wood header</td>
<td>450</td>
<td>LF</td>
<td>$1.00</td>
<td>$450.00</td>
<td></td>
<td>may be done prior by Staff</td>
</tr>
<tr>
<td></td>
<td>Demolish Fence</td>
<td>130</td>
<td>LF</td>
<td>$5.00</td>
<td>$650.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Remove and Salvage Ex Items (Vball, bench)</td>
<td>3</td>
<td>EA</td>
<td>$100.00</td>
<td>$300.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clear/Grub</td>
<td>Tree removal (&gt;6&quot; diameter)</td>
<td>2</td>
<td>EA</td>
<td>$15.00</td>
<td>$30.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tree protection fencing</td>
<td>150</td>
<td>LF</td>
<td>$8.00</td>
<td>$1,200.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Clear and Grub (includes trees &lt; 6&quot;)</td>
<td>6,000</td>
<td>SF</td>
<td>$0.31</td>
<td>$1,860.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Silt Fencing</td>
<td>150</td>
<td>LF</td>
<td>$2.65</td>
<td>$397.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$6,532.50</strong></td>
<td></td>
</tr>
<tr>
<td><strong>GRADING</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td>3&quot; perf pip underdrain at bocce</td>
<td>200</td>
<td>LF</td>
<td>$20.00</td>
<td>$4,000.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6&quot; solid SD pipe</td>
<td>80</td>
<td>LF</td>
<td>$46.00</td>
<td>$3,680.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6&quot; Atrium Drain</td>
<td>1</td>
<td>EA</td>
<td>$125.00</td>
<td>$125.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Modify Connection at CB</td>
<td>1</td>
<td>EA</td>
<td>$500.00</td>
<td>$500.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grading</td>
<td>Regrade site for drainage plans</td>
<td>6,000</td>
<td>SF</td>
<td>$0.21</td>
<td>$1,260.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$9,565.00</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SITE CONSTRUCTION AND FURNISHINGS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Relocate Existing Elements</td>
<td>Wood Bench</td>
<td>1</td>
<td>EA</td>
<td>$100.00</td>
<td>$100.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$100.00</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Paving</td>
<td>Permeable unit pavers (Basalite)</td>
<td>1,135</td>
<td>SF</td>
<td>$20.00</td>
<td>$22,700.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Asphalt paths</td>
<td>810</td>
<td>SF</td>
<td>$12.00</td>
<td>$9,720.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>concrete band</td>
<td>140</td>
<td>LF</td>
<td>$20.00</td>
<td>$2,800.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$35,220.00</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bocce Courts</td>
<td>Redwood Cap and fascia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3x Grade B Clear</td>
<td>180</td>
<td>SF</td>
<td>$40.00</td>
<td>$7,200.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3x Construction Heart</td>
<td>180</td>
<td>SF</td>
<td>$25.00</td>
<td>$4,500.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4x4x8 FSC PT posts</td>
<td>48</td>
<td>EA</td>
<td>$24.00</td>
<td>$1,152.00</td>
<td></td>
<td>12/ea material</td>
</tr>
<tr>
<td></td>
<td>PT boards</td>
<td>840</td>
<td>LF</td>
<td>$7.00</td>
<td>$5,880.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Concrete footings</td>
<td>6</td>
<td>CY</td>
<td>$75.00</td>
<td>$450.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bocce surfacing</td>
<td>6</td>
<td>CY</td>
<td>$770.00</td>
<td>$4,620.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bocce surface freight</td>
<td>1</td>
<td>LS</td>
<td>$845.00</td>
<td>$845.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Class II AB</td>
<td>12</td>
<td>CY</td>
<td>$48.00</td>
<td>$576.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Drain Rock</td>
<td>12</td>
<td>CY</td>
<td>$50.00</td>
<td>$600.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Geotextile filter fabric</td>
<td>1,350</td>
<td>SF</td>
<td>$2.00</td>
<td>$2,700.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bocce furnishings (racks, boards, rake)</td>
<td>1</td>
<td>LS</td>
<td>$1,000.00</td>
<td>$1,000.00</td>
<td></td>
<td>650</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$24,987.00</strong> using Grade B caps</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site Furnishings</td>
<td>Wood and Wire Fence + Gate</td>
<td>140</td>
<td>LF</td>
<td>$35.00</td>
<td>$4,900.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Recycling/Trash unit</td>
<td>1</td>
<td>EA</td>
<td>$5,000.00</td>
<td>$5,000.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Path lights - 10 posts</td>
<td>3</td>
<td>EA</td>
<td>$5,500.00</td>
<td>$16,500.00</td>
<td></td>
<td>2625 ea materials</td>
</tr>
<tr>
<td></td>
<td>Café Lights</td>
<td>1</td>
<td>LS</td>
<td>$2,200.00</td>
<td>$2,200.00</td>
<td></td>
<td>(Outdr Comm, LED, 2800k)</td>
</tr>
<tr>
<td></td>
<td>Run new conduit for new lights</td>
<td>264</td>
<td>LF</td>
<td>$45.00</td>
<td>$11,880.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Café light support Posts (galv steel square tube with cap and hook)</td>
<td>8</td>
<td>EA</td>
<td>$200.00</td>
<td>$1,600.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backless benches (players)</td>
<td>2</td>
<td>EA</td>
<td>$1,880.00</td>
<td>$3,760.00</td>
<td></td>
<td>940 materials</td>
</tr>
<tr>
<td></td>
<td>Backed benches (general use)</td>
<td>3</td>
<td>EA</td>
<td>$4,860.00</td>
<td>$14,580.00</td>
<td></td>
<td>2430 materials</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$60,420.00</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>REVEGETATION / IRRIGATION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td>Extend existing irrigation to new planting</td>
<td>1</td>
<td>LS</td>
<td>$10,000.00</td>
<td>$10,000.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>$10,000.00</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The city of Albany would like to thank the RDG Design Group for their help in preparing this document.
## CITY OF ALBANY
Ocean View Park Bocce Courts
Preliminary Estimate of Probably Construction Costs - 90%

<table>
<thead>
<tr>
<th>Project Element</th>
<th>Task / Item</th>
<th>QTY</th>
<th>Unit</th>
<th>Unit Cost</th>
<th>Subtotal</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planting</td>
<td>Shrubs 1 G</td>
<td>213</td>
<td>EA</td>
<td>$25.00</td>
<td>$5,325.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Shrubs 5 G</td>
<td>15</td>
<td>EA</td>
<td>$60.00</td>
<td>$900.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mulch: General Planting Areas (4&quot; throughout)</td>
<td>6,000</td>
<td>SF</td>
<td>$0.48</td>
<td>$2,880.00</td>
<td></td>
</tr>
</tbody>
</table>

Subtotal $9,105.00

<table>
<thead>
<tr>
<th>Estimated Project Construction Subtotal</th>
<th>TOTAL</th>
<th>$155,929.50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excluded: bond, traffic control</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mobilization (5% max)</td>
<td>$7,796.48</td>
<td></td>
</tr>
<tr>
<td>Contingency (5%)</td>
<td>$7,796.48</td>
<td></td>
</tr>
</tbody>
</table>

Project Total with Mobilization, Contingency $163,725.98

Additional Item 1: Removal of chainlink fence between Tennis fence and garden fence

<table>
<thead>
<tr>
<th>Fence removal</th>
<th>135</th>
<th>LF</th>
<th>$5.00</th>
<th>$675.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>(no replacement)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Subtotal $675.00

Additional Item 2: Path extension to play area

<table>
<thead>
<tr>
<th>Clear and grub</th>
<th>1,400</th>
<th>SF</th>
<th>$0.31</th>
<th>$434.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt paths</td>
<td>400</td>
<td>SF</td>
<td>$12.00</td>
<td>$4,800.00</td>
</tr>
</tbody>
</table>

Subtotal $5,234.00

Additional Item 3: Concrete Ping Pong table near play area

| Concrete Table (2500 lbs) | 1 | LS | $10,790.00 | doubled material cost |
| Joola City Outdoor Table  | 1 | LS | $7,000.00 | doubled material cost |
| Cornelleau Park Outdoor   | 1 | LS | $9,200.00 | doubled material cost |

(10yr warranty, 350 lbs, custom net 485 exta)

Subtotal $0.00 dependent on selection
Memorial Park, Section B User Survey
Parks, Recreation, Open Space Commission

In November 2018, the Parks and Recreation Commission Dog Park Subcommittee administered surveys to Section B users. “Section B” is a fenced-in, off-leash dog area located in the northeast boundary of Memorial Park, at the corner of Thousand Oaks Boulevard and Carmel Avenue. See the map below, Section B is indicated by the red circle.

Our objective was to solicit feedback from Section B users, who are primarily dog owners, to better understand their concerns, opinions, and recommendations for improving the area.

Outreach method
Over the course of 9 days, including two weekends, Park and Recreation Commissioners visited Section B during the weekdays and weekends, and at the morning, noon, afternoon, and evening hours, to administer the surveys. The Commissioners handed out paper surveys on clipboards to dog owners at Section B and collected the surveys after they were completed. A notice was posted at Section B with the hyperlink to an online survey. Two surveys were completed online.

Through this extensive outreach effort, we collected \textbf{107 survey responses}.

Survey results from Section B users
Multiple-choice survey questions
Most survey questions were multiple choice and are presented below:
How often do you use Section B?

- less than once a month
- once a month
- a few times a month
- once a week
- more than once a week

How far do you travel to come to Section B?

- Within a few blocks: 41%
- Within 1 mile away: 34%
- 1-3 miles away: 22%
- More than 3 miles: 3%
How do you get to Section B?

- Drive a car: 35%
- Walk: 45%
- Drive and walk: 18%
- Bike: 2%

Zipcode of Survey Respondents at Section B

- Albany 94706: 38%
- Berkeley (94707, 94708, 94702, 94703): 28%
- El Cerrito 94530: 17%
- Richmond 94804: 2%
- No answer: 15%
Section B users are respectful of the neighborhood

<table>
<thead>
<tr>
<th>Strongly Agree</th>
<th>Somewhat Agree</th>
<th>Somewhat Disagree</th>
<th>Strongly Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Section B users follow the posted rules

<table>
<thead>
<tr>
<th>Strongly Agree</th>
<th>Somewhat Agree</th>
<th>Somewhat Disagree</th>
<th>Strongly Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Section B users respect the posted hours

<table>
<thead>
<tr>
<th>Strongly Agree</th>
<th>Somewhat Agree</th>
<th>Somewhat Disagree</th>
<th>Strongly Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
Dogs (mine and others) sometimes bark excessively while at Section B

- Strongly Agree
- Somewhat Agree
- Somewhat Disagree
- Strongly Disagree

Section B users are respectful to each other

- Strongly Agree
- Somewhat Agree
- Somewhat Disagree
- Strongly Disagree

If Section B were not available there are other places I would take my dog

- Strongly Agree
- Somewhat Agree
- Somewhat Disagree
- Strongly Disagree
It is important for Section B users to help other users follow the rules

- Strongly Agree
- Somewhat Agree
- Somewhat Disagree
- Strongly Disagree

Section B's location is a key reason I use the park

- Strongly Agree
- Somewhat Agree
- Somewhat Disagree
- Strongly Disagree

Section B's grass surface is a key reason that I use the park

- Strongly Agree
- Somewhat Agree
- Somewhat Disagree
- Strongly Disagree
Open-ended survey questions

“I choose Section B over other local dog parks because:”

Several themes emerged in response to this question: location/convenience, community, well-behaved dogs/respectful owners, and safety.

Location/Convenience: The great majority, over 59 responses, indicated that location and/or convenience as “the reason I choose Section B over other local dog parks.” The following is just a sample of those responses:

- It’s 1 1/2 blocks from my house!
- Location! Also, I like the idea of a central dog park for neighborhood usage and public space.
- So close to my house and fenced.
- Location. I don’t want to drive, and this is very convenient.
- Closest and in my community.
- It is close to walk my dog here.
- It is close to where I live. It’s a good size but size is not the reason I would choose a park.
- It’s most convenient, it's the only walkable dog park from where I live.
- It's local -- we can walk there.
- It is close to my home, safe due to other pedestrian traffic in the area, and other dog owners are friendly and respectful.
- My kids can walk here with our dog after school.
- Its location -- a few blocks from home. My dog as many doggie friends he likes to socialize with that also come here regularly.
- It's part of the neighborhood park.
- It is close to where my swim team practice is and before practice I need to give my dog exercise.
- Is walking distance from my apartment.
- It’s close by from where we live so I can walk here with my dog. That helps since my dog doesn’t like going in the car for long distances.

Community:

- It’s in our neighborhood & a great way for our dog to socialize and meet neighbors and their dogs. Builds community.
- I like knowing the neighborhood people and dogs.
- Local -- nice talking with other Albany dog people.
- close, nice dogs + owners
- The people are great, and the dogs are happy and friendly!
- The dogs are friendlier here, as are the people. Also, a restroom close by, if needed.
- Section B is why I moved here. It is close, clean, and friendly. It brings neighbors together. Dogs create positive communities, they bring people together.
- Section B is very convenient and beneficial for the community.
- *Love* "B." Mostly a fantastic group of dogs and people.

Community (continued):

- It’s a communal space and folks are respectful conscientious dog owners; it’s an enjoyable respite to be here for both me and my dog.
- Our community at the dog park is wonderful!
- We can walk here, and the community is mostly friendly, helpful, and good with their dogs. (Some dogs would need more training.)
The owners are nice to my 9-year old.
Tall fence. Generally nice people.
It's close, fenced off and there are always other dogs to play with my dog.
It's a great value to the community.

Well-behaved dogs/respectful owners:

- Vast majority of owners are responsible re: their dog's behavior (poop scooping, curbing aggressive dog behavior) and are friendly and respectful toward others. Most pay attention to their dogs (i.e., hardly any are more focused on their phones).
- Both people and dogs are respectful.
- Users follow the rules.
- Well behaved dogs and nice owners. Well-used so almost always a fun/good exercise.
- I can bring work and let my dogs run around while I work. The other users (humans and dogs) are generally very nice.
- Calmness overall; owners largely taking responsibility for dogs' behavior, good mix of small and large dogs due to owners overseeing whether separation of both are necessary. Dog owners are friendly, interactive and knowledgeable about dogs' behavior.
- Dogs are friendlier, owners are respectful, location. I've met people here and have friends nearby. We frequently go to dinner on Solano Avenue after meeting at Section B.
- Proximity and temperament of dogs and people
- Dogs here are better controlled than Pt. Isabel and Ohlone
- Respectful owners -- general safer. Nicer dogs.
- It's mellow for a dog park. Owners pay attention to dogs. No agro dogs very often and when there are-- dogs leave.
- Both the owners and dogs are well behaved and friendly. I have had nothing but great experiences here.
- The people and dogs are all well behaved. It has a great community vibe and my dog loves being able to meet with and play with other dogs there.
- Friendly, responsible dog owners, nice dogs
- good mix of neighborhood dogs, fenced in, good size
- It is a friendlier place to small dogs. Owners control their dogs better than elsewhere.
- It's smaller and the other dogs and owners are very friendly and well behaved (dogs).
- Grass, fence, well-behaved dogs and mindful owners.
- My dog is elderly +15 years old. This is a great, safe and respectful place to socialize dogs.

Fenced-in/Safe:

- It is fenced with a high fence and has grass
- I like how people can feel safe when dogs run around.
- It is close by and fenced in (I have a puppy)
- I'm in the day-group -- safe environment. responsible day stewards (mainly) fenced-in is *very important*

“Do you have any other comments or suggestions you'd like to make regarding Section B?”

- Open year-long and longer hours requested – 18 responses
- Benches requested – 12 responses
• Water source for dogs requested – 14 responses
• Double-door entry to prevent dogs from escaping – 5 responses
• Other responses included requests for trees for shade, lighting, signage, and enforcement.
MEMORIAL PARK, SECTION B
NEIGHBORHOOD SURVEY
(REPORT 2 OF 2)
**Memorial Park, Section B Neighborhood Survey – Parks, Recreation, and Open Space Commission**

In September of 2018, the Parks and Recreation Commission Dog Park subcommittee conducted in-person surveys of households adjacent to the Section B off-leash dog area in Memorial Park. “Section B” is a fenced-in, off-leash dog area located on the northeast boundary of Memorial Park, at the corner of Thousand Oaks Boulevard and Carmel Avenue.

Our objective was to solicit feedback from residents that are most impacted by Section B to better understand their concerns, opinions, and recommendations for improving the area.

**Target area & outreach methods**

Our target area included 43 households residing on Carmel Avenue, Thousand Oaks Blvd, and San Carlos Avenue, and located within 500 feet of Section B, represented in the map below:

![Map of Memorial Park, Section B](image)

We reached 26 of the 43 households, (a response rate of 60%), using the following methods:

- **Door hangers** notifying residents that a Parks and Recreation Commissioner would soon visit and ask them to participate in a survey. This notification included an email address and an online survey hyperlink so that residents could participate online instead.
- **Two in-person visits** by a Parks and Recreation Commissioner on the weekend. We knocked on the door of each household to administer the survey. If there was no answer, we returned on a subsequent weekend to try again.
- **Written notification.** If no resident answered after two visits, we left another door hanger notification that included an email address and an online survey hyperlink so that residents could participate online instead.
Survey results from Memorial Park, Section B neighborhood households

The following questions were asked in-person and recorded by handwritten notes. Specific answers are anonymized and included below.

WHAT DO YOU THINK ABOUT HOW SECTION B IS UTILIZED?

Positive responses 50%
Neutral/No comment 31%
Negative responses 19%

What do you think about how Section B is utilized?

Positive (50%, 13 of 26 households):

- Great we need a dog park here. We use it often.
- It’s great! Keep it open more hours!
- I love it! Not only does my pup get his exercise, but I can meet and socialize with neighborhood residents I would never have met. A sense of community is developed as neighbors come together after work to socialize.
- I like having a place to play with my dog.
- Looks great.
- Fine with it.
- Pretty happy with it at this point. The mix of people has changed -- it's currently calmer, less crazy. There's less yelling than before, maybe they're self-enforcing. Used to see sabotaging or messing with the gate, but not so much anymore.
- We like it.
- We use it regularly. It's almost always well-used.
- No problem. People need to bring dogs there.
- I think the use of Section B for dogs is a great use - it provides a valuable opportunity for dogs to exercise and for their owners to get out and socialize. Memorial Park provides plenty of other locations for other uses (e.g., sports).
- Seems fine, it gets a lot of use, there's always people in there.
- Fine
What do you think about how Section B is utilized? (continued)

Negative (19%, 5 of 26 households):

- Against it. It should be moved.
- Better used as a community garden.
- Strongly opposed. Not enough alternative usage. When there was no gate, before Section B was fenced in to be separate from the ballpark, there was a better culture there and used by the whole community. Very negative energy from dog owners there.
- I do not like its utilization as a dog area. It's inappropriate for off-leash dogs.
- Wish people would walk instead of drive. It creates parking and traffic issues. Order of annoyance: 1) vehicles, 2) people, 3) dogs.

Neutral/No comment (19%, 8 of 26 households):

- No idea.
- I had been opposed to the park, but now I'm more neutral. The problems have mostly been addressed. Parking hasn't really been a problem for me. Because of the timed gate, the field can't be as multi-use as possible. It's only open at the time that dogs are allowed.
- I don't use it and find it in no way offensive. No opinion.
- No comment. (5 responses)
What do you think about Section B as an off-leash dog area?

Positive (62%, 16 of 26 households):

- Very useful. Please keep it.
- Wonderful! Such a great community.
- I love it! Dog owners here keep their pets under close supervision and respect one another’s pets.
- I like it, but it is not really big enough for all the people who use it. We need a larger space that’s centrally located so we can walk instead of drive. Also, the time limits are very inconvenient. Many people need a place they can use before work.
- Good. Our kids like seeing dogs go by house to/from section B.
- The gate is important. Made a huge difference. I have seen people sabotaging the gate. The gate was broken for a few weeks recently, and I think I saw a person breaking it (intentionally or not). I like the fence dividing Section B from the ball field and the timed gate. I like that the area is closed for a few months to recover from use.
- We wish it was open earlier. We’re big users and would like to see earlier hours (before work).
- There is a community of dog-area users.
- Good for people to have an area at park that is separate. It keeps dogs & kids separate. Because of Section B, I don't see dogs in the playground area.
- Love it. Convenient. Just got a dog 1 week ago. Get lots of advice from owners there. Supportive community. New dog is less aggressive off leash so off-leash dog area nearby helps. Great for socialization. Worry about what happens in Nov when it closes for winter.
- A big positive for us. Like proximity - take bigger dog every day. Gate works well. Times ok until 8pm helps. Little dog does better less confined.
- Great.
- Seems fine.
- I like it.
- It’s a good idea. Unfortunately, I see a lot of off-leash dogs in other parts of Memorial Park. Even though we have (very small) dogs, I avoid walking them in the main park other than early morning for that reason.
What do you think about Section B as an off-leash dog area? (continued)

Negative (19%, 5 of 26 households):

- The worst impacts are traffic and parking. It fills the parking for kids visiting the park. I often find dog mess around my property. It's mostly El Cerrito people causing the problem. The dog park should be where they put the park by the freeway [Pierce Street Park]. No one uses that, but it would be a good place for a dog park.
- Too small for dogs. Far enough away from home that noise is not a problem. See lots of cars parked there. Many may not be from Albany. Some of them come speak at P&R meetings.
- I am very opposed. I do not like the area for off-leash dogs. It's too small for the number of dogs. Dogs are fighting every day, they need somewhere they can roam and move. Last week, people were arguing about their dogs.
- I strongly feel that it's not a good place for off-leash dogs. Inappropriate.
- Too big, too many dogs at one time. People are more annoying than the dogs -- shouting and laughing is noisy.

Neutral/No Comment (19%, 5 of 26 households):

- I don't mind it. Noise (barking) has been a problem, but I don't notice it anymore. The better trashcans are an improvement, work much better.
- Doesn't bother us. Can see impact for people nearby.
- Hard to say. Fun to see dogs in there.
- No comment. (2 responses)

DO YOU USE SECTION B OR A DOG PARK WITH OR WITHOUT A PET?

Yes/I will soon: 44%
No: 56%
Do you think Section B users are respectful of the rules?

Yes, most of the time (65%, 17 of 26 households):

- Absolutely. Especially the regular users. We are very careful about disturbing the neighbors
- Absolutely.
- Yes. I observe people being very conscientious about noise, the time limits and picking up poop
- Mostly.
- Generally, people are respectful. They used to violate the hours but not anymore.
- Yes. (3 responses)
- Yes. Following time-rules is pretty good, clean up is OK. There is barking occasionally, but we don't hear it from our house
- Yes, no problem.
- As respectful as can be expected. Dogs bark, just a fact of life.
- Yes. Barking is not a problem.
- Yes. People monitor each other
- Yes - no dog poop, owners monitor aggressive dogs, works well, good behavior.
- Yes. I often see people waiting outside until the gate opens
- For the most part. There are a few bad actors.
- Generally, yes. Most people keep their dogs under control.

No (8%, 2 of 26 households)

I don’t know/no comment. (27%, 7 of 26 households)
Do you have any suggestions about how Section B can better work with the neighborhood?

A few themes emerged from this question—improved aesthetics, better amenities for dogs and dog owners, and clear signage and enforcement of rules.

Aesthetics:

- The chain link fence around Section B is not particularly attractive, maybe it could have some vines or something growing on it? Or some other sort of fence that's a little nicer to look at?
- Fence around the baseball field looks like a Vacaville Prison. No comment about aesthetics. If it remains a place for dogs, should keep the same hours (palatable that way). Limited hours have improved the noise impacts significantly (as compared to before Section B when gate was open all the time).
- The area is a little unsightly, but I'm used to it.
- Aesthetics: Flat grass not interesting.
- Aesthetics - baseball fence is ugly, tarp is ugly, bowls of water and chairs in Section B look bad.
- Re-seed more frequently. Sprinklers on a timer.
- Reseed lawn. Perhaps have two sections -- one for small dogs and one large dogs.
- Improve aesthetics.
- Fence and tarp are ugly.
- Trees would be helpful around Section B.

Amenities for dogs and dog owners (water, benches, trash disposal):

- Would want to see water spigot for dogs in section B.
- Improving the dog facilities would make it nicer. If there was water for dogs, people would not leave water bottles laying around. If there was a double dog gate, dogs would be less likely to get out. If there were benches, people would not bring lawn furniture.
- Water for dogs.
- We'd like to see earlier hours for dog use. Maybe just on week days or weekends. We would use it in the mornings if it opened at 8:30 or 9:00. Some supply of water for dogs.
- Could be a place for people to discard dog poop.
- Sanitation has not been bad lately. Garbage used to be worse. People used to bring their own chairs in.
- Faucet/hose for water for dogs.
- Sanitation/health-- bags filled with dog poop are hung on fence.
- Water for dogs.
- Earlier open hours. Water for dogs.

Signage & enforcement of rules:

- A sign that says to "pick up your dog's litter in neighborhood."
- Noise-- already discussed. Hours --people violate the hours at evening.
- Maybe have the sprinklers on a timer to run at 8:00 to enforce time restriction. Re-seed more frequently. Stop leaving junk (especially chairs -- happened in the past, not a problem now). Crew to clean up the park? Better, clearer signage could be a big improvement. Now the signs are too subtle or are walls of text. A clear sign on the gate that has the hours in large lettering is an obvious need.
- Enforce hours. Reduce noise of dog barking.
- Reduce barking noise.
- Generally, people follow the rules and it's not a problem.
- No problems. I like it and it works fine. Hours are fine.
- Regarding noise: The barking doesn't bother me. I have double-paned windows. The hours are OK too.
- Reduce dog litter in neighboring yards.
Any other comments you’d like to make regarding Section B?

- Perhaps having two sections -- for small dogs and big dogs could reduce noise. The dirt patch near the entrance
  doesn't look so good.
- More opportunity to connect. Maybe a forum?
- Please keep the off-leash dog park!
- Sites under freeway or BART tracks are bad for gardening but maybe good for dog parks.
- I believe the neighborhood would be better with open access to a sports field. I also think that section A should
  be open to people with dogs when no one is using it for sports, as it used to be.
- It would be nice if the sidewalk in front of Section B extended up to Thousand Oaks Boulevard. It stops 30 feet
  south of Thousand Oaks for some reason and it means if you are walking from our house you either have to walk
  on the section without the sidewalk or cross San Carlos in the middle of the street.
- It (dog park) should be moved to Pierce St. Park. People from El Cerrito use it now.
- Section B site would make wonderful community garden. Does not have own space at Open View garden but as
  Alameda County Master Gardener she has access to 2 plots there. Master Gardener program has Sat workshops
  at OV garden but no parking there Sat AM so would prefer Section B location.
- Save the dog park! We know it's controversial
- Main issue: not a good place for a dog park of any size. Noise and traffic are a problem.
- It's a nice place to be. It would be nice to see better police patrolling. I do see pot-smoking in the park at night. I
  don't see a lot of police patrolling. I've called the police about people in Section B after hours, and they were
  slow to respond, and then ended up apologizing to the them (violators of the rule).
- Having this dog area reduces dog-use of the rest of the park, so it's good for the dogs and the other park users.
- Don't like that it shuts down for winter. Want more months open. Install light in evening when days get shorter.
- Very positive
<table>
<thead>
<tr>
<th><strong>Own or walk a dog?</strong></th>
<th>Total Responses</th>
<th>yes</th>
<th>no</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>260</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>90.38%</td>
<td>9.62%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Right amount of space for dogs:</strong></th>
<th>Total Responses</th>
<th>not enough</th>
<th>right amount</th>
<th>too much</th>
<th>no opinion</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>258</td>
<td>136</td>
<td>90</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td></td>
<td>52.71%</td>
<td>34.88%</td>
<td>5.43%</td>
<td>6.98%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>How often do you use an off-leash dog area with your pet (in Albany or not)?</strong></th>
<th>Total Responses</th>
<th>once+/day</th>
<th>once+/week</th>
<th>once/week</th>
<th>once/month</th>
<th>few/month</th>
<th>&lt;month</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>240</td>
<td>108</td>
<td>70</td>
<td>21</td>
<td>4</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td></td>
<td>45.00%</td>
<td>29.17%</td>
<td>8.75%</td>
<td>1.67%</td>
<td>5.42%</td>
<td>10.00%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>How far do you travel to go to an off-leash</strong></th>
<th>Total Responses</th>
<th>few blocks</th>
<th>&lt; mile</th>
<th>1 - 3 miles</th>
<th>3+ miles</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>240</td>
<td>61</td>
<td>51</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td></td>
<td>25.42%</td>
<td>21.25%</td>
<td>20.00%</td>
<td>33.33%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>How do you usually get to your preferred off-leash dog area?</strong></th>
<th>Total Responses</th>
<th>drive</th>
<th>walk</th>
<th>both</th>
<th>bike*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>172</td>
<td>80</td>
<td>43</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td></td>
<td>46.51%</td>
<td>25.00%</td>
<td>26.16%</td>
<td>2.33%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>What area(s) in Albany do you normally use with your off-leash dog?</strong></th>
<th>Total Responses</th>
<th>Albany Beach</th>
<th>Albany Bulb</th>
<th>Section B</th>
<th>Memorial Park</th>
<th>Terrace Park</th>
<th>Greenway near Dartmouth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>426</td>
<td>101</td>
<td>129</td>
<td>85</td>
<td>27</td>
<td>59</td>
</tr>
<tr>
<td></td>
<td></td>
<td>23.71%</td>
<td>30.28%</td>
<td>19.95%</td>
<td>6.34%</td>
<td>13.85%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>122</td>
<td>56</td>
<td>30</td>
<td>8</td>
<td>14</td>
<td>21</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Thinking of your preferred off-leash dog</strong></th>
<th>Total Responses</th>
<th>strongly disagree</th>
<th>somewhat disagree</th>
<th>somewhat agree</th>
<th>strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>236</td>
<td>27</td>
<td>22</td>
<td>70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11.44%</td>
<td>9.32%</td>
<td>29.66%</td>
<td>49.58%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>The ground surface is a key reason I use the</strong></th>
<th>Total Responses</th>
<th>strongly disagree</th>
<th>somewhat disagree</th>
<th>somewhat agree</th>
<th>strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>235</td>
<td>24</td>
<td>43</td>
<td>109</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10.21%</td>
<td>18.30%</td>
<td>46.38%</td>
<td>25.11%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>The ground surface is</strong></th>
<th>Total Responses</th>
<th>grass</th>
<th>bark or wood shaving</th>
<th>dirt &amp; misc. veg</th>
<th>paved</th>
<th>other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>307</td>
<td>163</td>
<td>26</td>
<td>96</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>53.09%</td>
<td>8.47%</td>
<td>31.27%</td>
<td>1.95%</td>
<td>5.21%</td>
</tr>
</tbody>
</table>

As of 5/28/19

* includes responses marked "both and bike," and "drive and bike"
<table>
<thead>
<tr>
<th>The presence of fencing is a key reason I use the area I use</th>
<th>Total Responses</th>
<th>strongly disagree</th>
<th>somewhat disagree</th>
<th>somewhat agree</th>
<th>strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>238</td>
<td>54</td>
<td>56</td>
<td>68</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>22.69%</td>
<td>23.53%</td>
<td>28.57%</td>
<td>25.21%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>The area's size is a key reason I use the park</th>
<th>Total Responses</th>
<th>strongly disagree</th>
<th>somewhat disagree</th>
<th>somewhat agree</th>
<th>strongly agree</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>236</td>
<td>11</td>
<td>31</td>
<td>103</td>
<td>91</td>
</tr>
<tr>
<td></td>
<td>4.66%</td>
<td>13.14%</td>
<td>43.64%</td>
<td>38.56%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>What is more important, a grass surface for a dog park, or a park that is open for dogs all year?</th>
<th>Total Responses</th>
<th>Grass</th>
<th>Open all year</th>
<th>no opinion</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>137</td>
<td>47</td>
<td>68</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>34.31%</td>
<td>49.64%</td>
<td>16.06%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I need:</th>
<th>Total Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open all year</td>
<td>166</td>
</tr>
<tr>
<td></td>
<td>19.04%</td>
</tr>
<tr>
<td>A varied area</td>
<td>133</td>
</tr>
<tr>
<td></td>
<td>15.25%</td>
</tr>
<tr>
<td>A large area</td>
<td>132</td>
</tr>
<tr>
<td></td>
<td>15.14%</td>
</tr>
<tr>
<td>Open early</td>
<td>99</td>
</tr>
<tr>
<td></td>
<td>11.35%</td>
</tr>
<tr>
<td>An area that doesn't get muddy</td>
<td>85</td>
</tr>
<tr>
<td></td>
<td>9.75%</td>
</tr>
<tr>
<td>without small children</td>
<td>67</td>
</tr>
<tr>
<td></td>
<td>7.68%</td>
</tr>
<tr>
<td>Closes late</td>
<td>57</td>
</tr>
<tr>
<td></td>
<td>6.54%</td>
</tr>
<tr>
<td>An area with shade</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>4.47%</td>
</tr>
<tr>
<td>An area just for small dogs</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>3.67%</td>
</tr>
<tr>
<td>An area where more barking is permissible</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>2.98%</td>
</tr>
<tr>
<td>An area just for large dogs</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>2.64%</td>
</tr>
<tr>
<td>A small area</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>1.38%</td>
</tr>
<tr>
<td>Separate area</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>0.11%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>The Commission knows of a few possible locations for a dog park. Which do you prefer?</th>
<th>Total Responses</th>
<th>First Choice</th>
<th>Second choice</th>
<th>Third Choice</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1378</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Somewhere along the Ohlone Greenway under the BART tracks</td>
<td>193</td>
<td>59</td>
<td>70</td>
<td>64</td>
</tr>
<tr>
<td>score</td>
<td>381</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Next to the train tracks near and under the BART tracks</td>
<td>190</td>
<td>61</td>
<td>33</td>
<td>96</td>
</tr>
<tr>
<td>score</td>
<td>345</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The back of Ocean View Park near the UC Village fence</td>
<td>161</td>
<td>64</td>
<td>45</td>
<td>52</td>
</tr>
<tr>
<td>score</td>
<td>334</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A partial block of the Key Route Median between Portland and Washington

<table>
<thead>
<tr>
<th>Score</th>
<th>178</th>
<th>318</th>
<th>38</th>
<th>64</th>
<th>76</th>
</tr>
</thead>
</table>

- 23.08%

None of these options are appealing to me 55

Location/Distance

Noise

Dog needs fence, grass

Characteristics of site

(see responses on next sheet)
<table>
<thead>
<tr>
<th>Amenities Desired for a Dog Park</th>
<th>Indication of Support</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Statement</strong></td>
<td><strong>Checks</strong></td>
</tr>
<tr>
<td>Fencing (higher than hip)</td>
<td>6</td>
</tr>
<tr>
<td>...at least 4 ft</td>
<td>4</td>
</tr>
<tr>
<td>Water spigot</td>
<td>9</td>
</tr>
<tr>
<td>Year-round availability</td>
<td>6</td>
</tr>
<tr>
<td>Small dog section</td>
<td>1</td>
</tr>
<tr>
<td>Seating/benches (elderly + physically challenged)</td>
<td>2</td>
</tr>
<tr>
<td>Tables</td>
<td>1</td>
</tr>
<tr>
<td>Signage (no barking, dogs must be spayed/neutered facing into park)</td>
<td>5</td>
</tr>
<tr>
<td>Double gates</td>
<td>3</td>
</tr>
<tr>
<td>Year-round surface (bark)</td>
<td>1</td>
</tr>
<tr>
<td>I am strongly against high chain-link fences (aesthetically) what are the alternatives for fencing, and do</td>
<td>1</td>
</tr>
<tr>
<td>No bark. Hard on feed, and some dogs ingest it</td>
<td></td>
</tr>
<tr>
<td>Trees (shade. aesthetics)</td>
<td>5</td>
</tr>
<tr>
<td>Hillocks - not just flat, fenced rectangle</td>
<td></td>
</tr>
<tr>
<td>Tall fencing (around 6ft)</td>
<td>1</td>
</tr>
<tr>
<td>wheelchair access</td>
<td></td>
</tr>
<tr>
<td>poop bags</td>
<td>1</td>
</tr>
<tr>
<td>garbage pickup</td>
<td></td>
</tr>
<tr>
<td>Netting to protect from baseballs</td>
<td>2</td>
</tr>
<tr>
<td>Key Route &quot;Pro&quot; for Dog Park location</td>
<td>Indication of support</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td><strong>Statement</strong></td>
<td><strong>Checks</strong></td>
</tr>
<tr>
<td>Close to many neighborhoods</td>
<td>1</td>
</tr>
<tr>
<td>centrally located</td>
<td>1</td>
</tr>
<tr>
<td>Bright, safe, easy to patrol</td>
<td>1</td>
</tr>
<tr>
<td>Noise-tolerant area (close to BART)</td>
<td>2</td>
</tr>
<tr>
<td>Close enough to Section B that it might lessen congestion there (by splitting up usage)</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Key Route &quot;Con&quot; for Dog Park location</th>
<th>Indication of support</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Statement</strong></td>
<td><strong>Checks</strong></td>
</tr>
<tr>
<td>Too narrow</td>
<td>2</td>
</tr>
<tr>
<td>Possibly dangerous for dogs to escape and run into continuous vehicular traffic</td>
<td>1</td>
</tr>
<tr>
<td>Too close to Memorial Park Section B</td>
<td>3</td>
</tr>
<tr>
<td>Neighbors? Same possible issues as Section B</td>
<td>1</td>
</tr>
<tr>
<td>Too close to Albany High School</td>
<td></td>
</tr>
<tr>
<td>Lack of parking when school is in session</td>
<td>2</td>
</tr>
<tr>
<td>Statement</td>
<td>Indication of support</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Not enough dog rules signs &quot;no barking&quot;</td>
<td></td>
</tr>
<tr>
<td>No water (response: <em>needs City to improve it not reason for CON</em>)</td>
<td></td>
</tr>
<tr>
<td>Bench especially for elderly and physically disabled (response: <em>amenity needed</em>)</td>
<td>1</td>
</tr>
<tr>
<td>Already pretty much a dog park, anti-dog park residents of the area expressing their disapproval on &quot;Nextdoor&quot; (response: <em>small number, just vocal</em>)</td>
<td>1</td>
</tr>
<tr>
<td>Proximity to homes (50 feet) (this issue will be true anywhere in Albany) (not as bad under fwy or Albany Bulb)</td>
<td>2</td>
</tr>
<tr>
<td>Congested area (baseball park, day care)</td>
<td>2</td>
</tr>
<tr>
<td>No dog park amenities (water, gates, year around surface)</td>
<td></td>
</tr>
<tr>
<td>Too tall fencing, there is too much chain link in Memorial Park already</td>
<td>1</td>
</tr>
<tr>
<td>Needs to be open all year</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Statement</th>
<th>Indication of support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open space!! Tall chain link is inappropriate for this urban park</td>
<td></td>
</tr>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>
## Open Space near train tracks/freeway – "PRO" Dog Park Location

<table>
<thead>
<tr>
<th>Statement</th>
<th>Checks</th>
<th>Dots</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interesting option to explore further! Could be whole new model for great use of &quot;desolate&quot; spaces</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Far away from public, big enough for dogs to play and recreate.</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>No worries of disapproving anti-dog park residents</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>No problem re: dog bark noise pollution</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Very intriguing idea -- lots of &quot;pros&quot;-- open space, large, parking, lack of neighbors to disturb, no noise problems. Please explore this further!</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>I like it if fences are high to secure to keep dog off freeway and foxtails clear</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Westside of San Pablo Ave in Albany is most desperately in need of a fenced dog park!</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

## Open Space near train tracks/freeway – "CON" Dog Park Location

<table>
<thead>
<tr>
<th>Statement</th>
<th>Checks</th>
<th>Dots</th>
</tr>
</thead>
<tbody>
<tr>
<td>If I’m driving all the way here, I might as well go to the Bulb which is bigger.</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Feels isolated, thus --unsafe. How, who will respond when issues with people using, drinking, etc. use space? This happens at King.</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Air quality near freeway? And noise?</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Not close to neighborhood - not easy to walk to</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unclear on access/crossing tracks?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Would there be water to drink?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safety --Is it too isolated?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Noise pollution, safety, access, parking</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Statements</td>
<td>Indication of support</td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>-----------------------</td>
<td></td>
</tr>
<tr>
<td>nice spot for community to gather w/ dog</td>
<td></td>
<td></td>
</tr>
<tr>
<td>near BART (tolerance to noise implied)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>kids use for games - soccer/catch etc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>seems perfect. Keep it the way it is! (maybe fenced). Love it.</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Statements</th>
<th>Indication of support</th>
</tr>
</thead>
<tbody>
<tr>
<td>no fence along street</td>
<td></td>
</tr>
<tr>
<td>creek area tends to invite transient population</td>
<td></td>
</tr>
<tr>
<td>neighbors noise complaints</td>
<td></td>
</tr>
</tbody>
</table>
### Albany Bulb - "PRO" - Existing Usage

<table>
<thead>
<tr>
<th>Statements</th>
<th>Indication of support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Great area for dogs &amp; people to walk together</td>
<td>Checks: 2</td>
</tr>
<tr>
<td>Great open space</td>
<td>Dots:</td>
</tr>
<tr>
<td>Keep the bulb wild!!! Maintain its uniqueness</td>
<td></td>
</tr>
<tr>
<td>Some of us like to have a large space to work with our dogs. We love the bulb for that I do not want ot sit around. My dog is my exercise machine.</td>
<td>Checks: 3</td>
</tr>
<tr>
<td>Beach is great, dogs love it, I have never seen any poop on the beach. And families do bring little kids there, and dogs &amp; kids both get along well, no problems.</td>
<td>Checks: 3</td>
</tr>
<tr>
<td>Niece/bulb/plateau an excellent as-is for dog recreation + human enjoyment</td>
<td>Checks: 3</td>
</tr>
<tr>
<td>Wildness feeling/small trails</td>
<td>Checks: 1</td>
</tr>
<tr>
<td>doesn't feel crowded</td>
<td>Dots:</td>
</tr>
<tr>
<td>Excellent multi-use space that works well for all kinds of dogs.</td>
<td>Checks: 5</td>
</tr>
<tr>
<td>Love the Bulb, ALDOG (Albany Landfill Dog Owners Group) &amp; others very active in beach cleanups, native plants, etc.</td>
<td>Checks: 2</td>
</tr>
<tr>
<td>Wild! Great for people's spirits as well as dogs. Dual purpose.</td>
<td>Checks: 1</td>
</tr>
<tr>
<td>ART</td>
<td>Checks: 3</td>
</tr>
<tr>
<td>Kids love to come and see the birds &amp; other wild things</td>
<td></td>
</tr>
</tbody>
</table>

### Albany Bulb - "CON" - Existing Usage

<table>
<thead>
<tr>
<th>Statements</th>
<th>Indication of support</th>
</tr>
</thead>
<tbody>
<tr>
<td>no water to drink human/dogs</td>
<td>Checks: 1</td>
</tr>
<tr>
<td>commercial dog walkers need to be regulated and limit on number of dogs per walker. No &quot;bunching&quot; with multiple walkers. Enforce cleanup rules.</td>
<td>Checks: 1</td>
</tr>
<tr>
<td>fox tails - would you weed whack?</td>
<td>Checks: 1</td>
</tr>
<tr>
<td>poison oak is getting a real foothold ... ugh so bad</td>
<td>Checks: 2</td>
</tr>
<tr>
<td>Need more community clean up events</td>
<td>Checks: 1</td>
</tr>
<tr>
<td>possible wild animals/ticks</td>
<td>Checks: 1</td>
</tr>
<tr>
<td>there's no fence</td>
<td>Checks: 7</td>
</tr>
<tr>
<td>dogs eat dead things</td>
<td>Checks: 1</td>
</tr>
<tr>
<td>dog climb down cliff</td>
<td>Checks: 1</td>
</tr>
<tr>
<td>safety - can feel very isolated (yes, night safety issues, crime/car break-ins? transients, drug use, no real security??)</td>
<td>Checks: 1</td>
</tr>
<tr>
<td>some people are scared of/do not like dogs. They used not to be able to use the bulb at all</td>
<td>Checks: 1</td>
</tr>
</tbody>
</table>
### Ohlone Greenway "PRO" for Dog Park location

<table>
<thead>
<tr>
<th>Statement</th>
<th>Indication of support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depends on where</td>
<td>Checks: 1 Dots: 1</td>
</tr>
<tr>
<td>Dartmouth toward Gilman</td>
<td>Checks: 2 Dots: 1</td>
</tr>
<tr>
<td>Near lots of people with dogs. I think it would be well used</td>
<td></td>
</tr>
<tr>
<td>Safe feeling - open</td>
<td></td>
</tr>
</tbody>
</table>

### Ohlone Greenway "CON" for Dog Park location

<table>
<thead>
<tr>
<th>Statement</th>
<th>Indication of support</th>
</tr>
</thead>
<tbody>
<tr>
<td>BART could be disruptively loud</td>
<td>Checks: 1 Dots: 0</td>
</tr>
<tr>
<td>People go running/exercising/biking, cutting off a section could affect access for some of these people</td>
<td></td>
</tr>
<tr>
<td>Same issue as at Section B problems to neighbors - noise, parking, small space</td>
<td>Checks: 1 Dots: 0</td>
</tr>
<tr>
<td>Terrace Park - &quot;Pro&quot; Existing Usage</td>
<td>Indication of support</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Statements</td>
<td>Checks</td>
</tr>
<tr>
<td>Very popular w/ locals (with &amp; w/o dogs &amp; kids). Works!</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Terrace Park - &quot;Con&quot; Existing Usage</th>
<th>Indication of support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statements</td>
<td>Checks</td>
</tr>
<tr>
<td>Right smack in the middle of homes?</td>
<td></td>
</tr>
<tr>
<td>How will homeowners react?</td>
<td></td>
</tr>
<tr>
<td>Very limited parking</td>
<td></td>
</tr>
<tr>
<td>So many young children play there</td>
<td>1</td>
</tr>
<tr>
<td>No parking/lack of access</td>
<td></td>
</tr>
<tr>
<td>Surrounded by neighbors</td>
<td></td>
</tr>
<tr>
<td>No fence</td>
<td></td>
</tr>
</tbody>
</table>
SUBJECT: Terrace Park 5-12 Year-Old Playground Surfacing

REPORT BY: Chelle Putzer, Recreation & Community Services Director

STAFF RECOMMENDATION

That the Commission approve the installation of engineered wood fiber (EWF/Fibar) in the 5-12 year-old playground at Terrace Park.

BACKGROUND

Each year, the City of Albany contracts with Certified Playground Inspector to inspect each playground in Albany. The inspector identifies various maintenance and repair items that need to be corrected, such as replacing equipment or parts and replenishing playground surfacing. Playground surfacing must meet certain standards for cushioning falls and wheelchair accessibility. The three types of surfacing used in Albany playgrounds are poured in place rubber surface, engineered wood fiber (EWF/brand name “Fibar”) and sand. The type of surface is determined by the fall height of the equipment in the playground. Of the three, EWF/Fibar is the preferred surfacing because it is a natural product, the most cost effective and meets the required standards for impact absorption and ADA access.

The City of Albany has the following playgrounds/surfacing:

- Ocean View Park: Mixed 2-5 year-old and 5-12 year-old (EWF/Fibar)
- Memorial Park: 2-5 year-old (mixed rubber surface/EWF/Fibar) and sand pit, 5-12 year-old (EWF/Fibar)
- Dartmouth: 2-5 year-old (mixed rubber surface/sand)
- Terrace Park: 2-5 year-old (mixed rubber surface/sand), 5-12 year-old (mixed rubber surface/sand)
- Peggy Thomsen Pierce Street Park: Mixed 2-5 year-old and 5-12 year-old (rubber surface)
DISCUSSION

The most recent playground inspection identified several recommendations including refilling the sand at Terrace Park 5-12 year-old playground to the level of the poured in place rubber surface to improve access. The estimate to refill the playground with sand is $7,800. Staff has held off on moving forward with work so that the Commission could consider converting the sand to EWF/Fibar for three reasons. First, EWF/Fibar is recommended as a preferred surface under playground fall zones and is ADA accessible. The playground currently has a rubber surface that provides ADA access only to the play structure but nowhere else in the playground due to fact that the sand surfacing is not accessible. Secondly, if an additional piece of equipment (such as a tire swing) is installed in the future, sand would need to be removed and replaced with a surface that has a higher impact absorption and is ADA accessible such as a rubber surface or EWF/Fibar. Lastly, the cost to replenish sand in this playground is approximately $7,800 as compared to the cost to replenish with annually EWF/Fibar of $1400.

The Terrace Park 5-12 year-old playground is the only older kids’ playground in Albany with sand surfacing, so converting it to EWF/Fibar would make it consistent with those parks. All 2-5 year-old playgrounds in Albany have a combination of tot turf and sand and staff is not recommending any changes to those surfaces. If the Commission approves the conversion to EWF/Fibar, the sand that is currently in the 5-12 year-old playground would be re-used to replenish the Terrace, Dartmouth and Memorial Parks 2-5 year-old playgrounds.

FINANCIAL IMPACT

The initial fill of EWF/Fibar will be approximately 140 cubic yards at a cost of $4600. Annual replenishment of 25 cubic yards will cost approximately $1400.

The repair costs for the playground equipment is split between the Recreation Reserves fund and the Public Works maintenance fund.