REQUEST FOR QUALIFICATIONS
FOR
MADERA COUNTY WATER AND NATURAL RESOURCES
AND MADERA FLOOD CONTROL AGENCY
VEGETATION MANAGEMENT SERVICES
ON AN AS-NEEDED BASIS
RFQ-MCFCWCA 2022-01

ANNOUNCEMENT

It is the objective of this Request for Qualifications (RFQ) for Madera County (County) to award a contract for as-needed vegetation management services for the Madera County Flood Control and Water Conservation Agency's (MCFCWCA) areas of responsibility to a vendor offering the most efficient, cost effective, and comprehensive Statement of Qualifications (SOQs).

DATE OF ADVERTISEMENT: Tuesday, September 6, 2022

DEADLINE FOR SUBMITTAL: ~~Monday, September 26, 2022~~ Monday, October 21, 2022

1. PROJECT INFORMATION

1.1 Background Information

- The Madera County Flood Control and Water Conservation Agency (MCFCWCA) is responsible for operating and maintaining:

  - ❖ 26 miles of project levees
  - ❖ 44 miles of non-project levees
  - ❖ 100 miles of project channels
  - ❖ 77 miles of non-project channels

A levee is an elongated naturally occurring ridge or artificially constructed fill or wall, which regulates water levels. In Madera County, they are earthen and parallel to the course of a river, slough, or canal in the floodplain. Ongoing maintenance of the levee structures is crucial to their continuing function and reliability. Many factors contribute to declined reliability of the levee structures. Use of the levee roadways by landowners often leads to the creation of unauthorized ramps or other encroachments. Rodents, such as ground squirrels and gophers, burrow into the levees which weakens the embankment and can serve as pathways for seepage. Precipitation and runoff can lead to erosion on the levees, which can threaten their integrity and make them more susceptible to failure. Vegetation management is a critical component of ongoing levee maintenance as it ensures adequate access and visibility during flood events and improves channel capacity.

A breakdown of vegetation management areas is provided in the schematic in Figure 1.

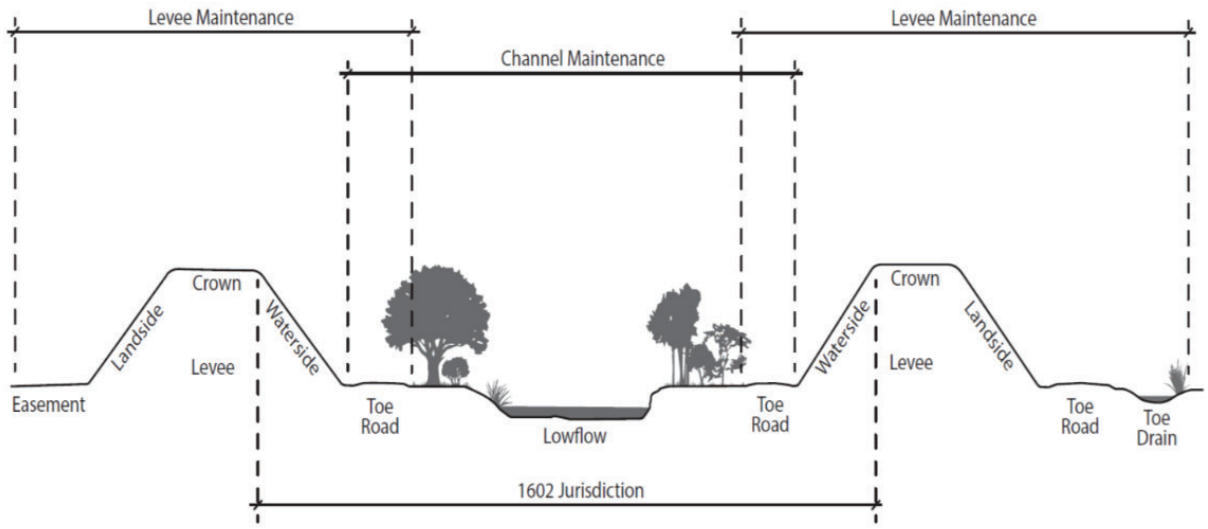


Figure 1: Levee and Channel Maintenance Overview

Vegetation Management services could include the following:

- Mowing of native grass on land and water side of levees
- Arundo removal in project channels
- Clearing of brush, scrub, and small trees
- Herbicide application as needed
- Trimming tree branches to the appropriate height to allow visibility

1.2 Flood Control and Water Conservation Agency Contract Manager

The MCFCWCA contract manager will be Samuel Cunningham of the Madera County Water and Natural Resources (WNR) Department, who may be contacted at (559) 514-4819 or samuel.cunningham@maderacounty.com, Monday through Friday, 8 a.m. to 5 p.m. The Contract Manager is subject to change at any time, with notification. The Contract Manager may also designate other WNR employees to request work from the Contractor. The Contract Manager and their designees are the only persons authorized by the County to request work of the Contractor.

2. PROJECT INFORMATION

As-needed vegetation management services will allow flexibility for the MCFCWCA to complete necessary maintenance as deficient items are identified and as grant funding is acquired to make said repairs.

2.1 Scope of Services

The breadth of vegetation management services includes, but is not limited to, mowing of native grass on land and water side of levees, Arundo eradication, clearing of brush, scrub, and small trees, herbicide application as needed.

The MCFCWCA receives biannual inspection reports for the project levees located within the State Plan of Flood Control, from the California Department of Water Resources (DWR). Additional inspection reports may also be received by the United States Army Corps of Engineers (USACE). The necessary vegetation management services will be determined from the action items defined in these reports.

Previous inspection reports and anticipated maintenance items can be retrieved from: https://cdec.water.ca.gov/detail_reports.html. Using area name **Madera County FCWCA** or area short name **NA0011.** Examples of levee deficiencies are also included in Attachment B of this RFQ.

Any vegetation management activities must be completed in compliance with the California Department of Water Resources "Interim Vegetation Inspection Criteria for Standard Levees" dated October 2007 (Attachment C). Vegetation management activities must also be completed in compliance with the requirements of the Streambed Alteration Agreement between the County of Madera and the CA Department of Fish and Wildlife. Specific training on these requirements will be scheduled with the contractor, upon award.

In addition, the contractor must maintain a Qualified Applicator Certificate (QAC) or have applicators who can work under the supervision of someone who is licensed by the California Department of Pesticide Regulation (CDPR).

Service requests are anticipated for the summer and winter periods following the receipt of these inspection reports. The ability of the Contractor to respond and integrate the service requests from the MCFCWCA should be integrated into the SOQ (See Section 5 for SOQ information).

2.2 Contract Duration

The MCFCWCA intends to enter into a contract with an initial term of three (3) years, with the option to extend the term up to two (2) additional one (1) year terms but may also enter into a contract for the full five (5) year term at the outset. Any increase in service duration or funding will be executed through an amendment to the Contract.

2.3 Submittal Deadline

Interested contractors shall provide a Statement of Qualifications (SOQs) electronically as a PDF via email, as an attachment or download link (those intending to use a download link must notify the County that a file sharing platform will be utilized in their submission email. Autogenerated email links with no additional correspondence will not be accepted for cybersecurity reasons), no later than the Submittal Deadline time and date outlined in Section 3.

2.4 Project Locations

Vegetation management services will be performed on the Madera County project levees (Figure 2) and in project channels (Figure 3), as needed, as high priority areas are identified by the Madera County Flood Control and Water Conservation Agency or inspection reports from the California Department of Water Resources or the United States Army Corps of Engineers.

2.4.1 Project Location – Madera County Project Levees (Green in Figure Below)

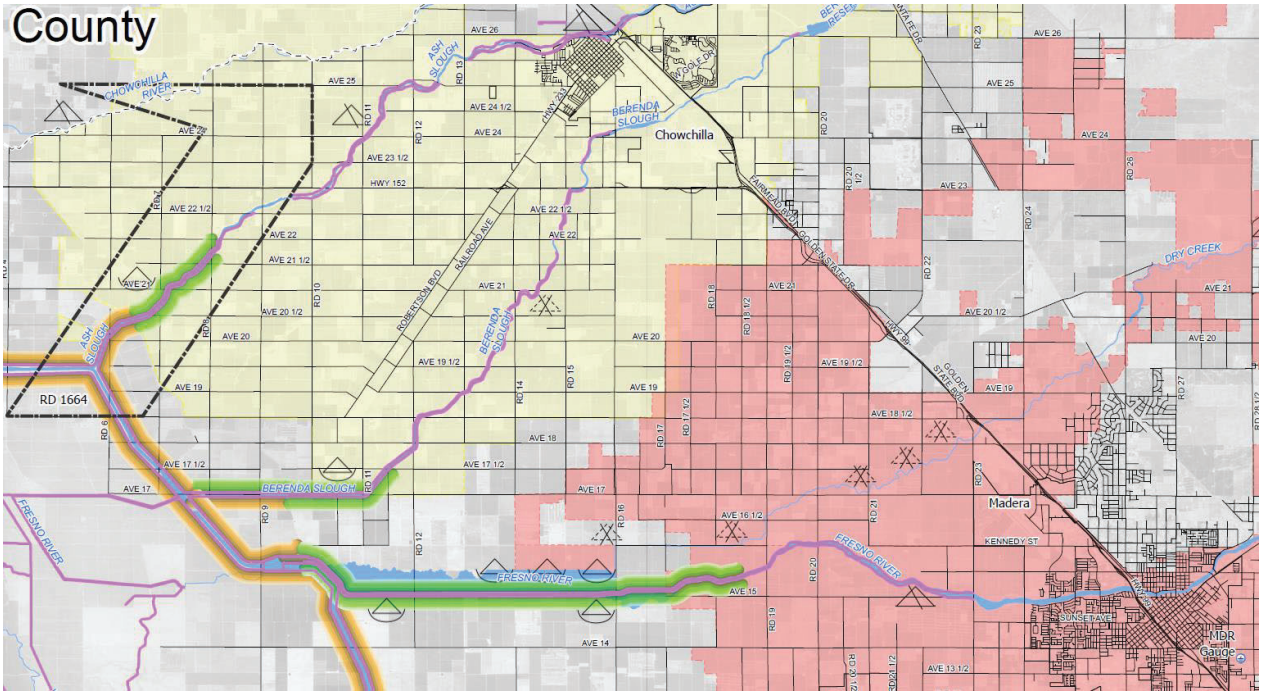


Figure 2: Project Levees

2.4.2 Project Location – Madera County Project Channels (Blue in Figure Below)

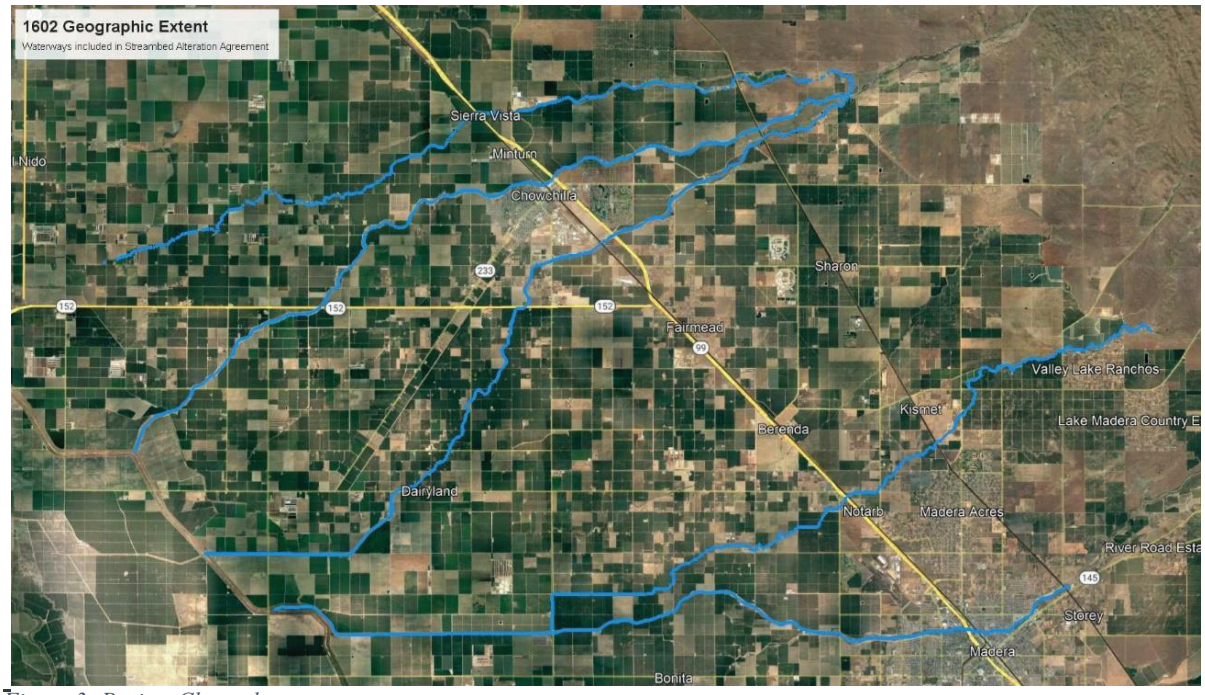


Figure 3: Project Channels

3. RFQ SCHEDULE OF EVENTS

The following RFQ Schedule of Events represents the MCFCWCA's best estimate of the schedule that shall be followed during the contracting process. Unless otherwise specified, the time of day for the following events should be between 8:00 a.m. and 4:30 p.m., Pacific Time.

Event	Date	Time
MCFCWCA Issues RFQ	9/6/2022	
Deadline for Written Comments	~~9/17/2022~~ 10/7/22	3:00 p.m.
MCFCWCA Issues Responses to Written Comments	~~9/19/2022~~10/10/22	
Deadline for Responding Contractors to Submit SOQs	~~9/26/2022~~10/21/22	3:00 p.m.

1. All sealed SOQ packages must be received at the in the Department of Water and Natural Resources (3rd Floor – Public Works and Community Development office), 200 West 4th Street, Madera, CA 93637, on ~~**September 26, 2022,**~~ **by 3:00 p.m.** PDT. **Or responses can be submitted via email to:** samuel.cunningham@maderacounty.com

   October 21, 2022

   All Responses received after the due date and time will be returned to the Contractor unopened. If an email submission is received after the due date and time, the notification will be sent by reply that the submittal can be accepted.

4. General Requirements and Information

4.1 RFQ Coordinator

The following RFQ Coordinator shall be the main point of contact for this RFQ.

Sam Cunningham
Water Resources Specialist II
Madera County, Department of Water and Natural Resources
200 West Fourth Street, Madera, CA 93637
Cell: (559) 514-4819
samuel.cunningham@maderacounty.com

4.2 RFQ Number

The MCFCWCA has assigned the following RFQ identification number that must be referenced in all communications regarding the RFQ:

RFQ-MCFCWCA 2022-01

4.3 Contractor Eligibility

1. In addition to other requirements stated in this document, to be eligible to respond to this RFQ, the Contractor must have successfully completed, within the past three years, similar projects and services to those in this RFQ. Each Contractor shall meet all legal, technical, and professional requirements for providing the requested services.

2. The County reserves the right to make investigations of the Contractors' qualifications or any of its sub-contractors, to contact former employers or clients to confirm qualifications as it deems appropriate.

3. Only one firm shall be identified as the Prime Contractor for each SOQ. If other firms are part of the same SOQ, they shall be identified as sub-contractors. A Prime Contractor shall not be a part of any other team as a sub-contractor. Sub-contractors can join any number of Prime Contractors submitting a response to this RFQ.

4.4 Fees and Insurance

SOQs shall include appropriate rate sheets (in a separate, sealed envelope) to complete the project as described in Section 5 of this RFQ:

1. The rate sheet shall include hourly rates for each position anticipated to be involved in the execution of the scope of services. Any sub-contractor rates should also be included.
2. Insurance coverage for proposed services shall include general liability and property damage insurance that shall include automobile liability insurance in a combined single limit of not less than $1 million dollars. Professional Liability Insurance (E&O) coverage of $1 million is also required.
3. The selected firm shall provide within ten (10) calendar days after the notice of award is issued a copy of their existing liability insurance certificate naming the County of Madera and its officers and employees as an additionally named insured on said policies. Such insurance coverage shall be maintained in full force and effect for the duration of the Contract and must be in a form satisfactory to the County.

4.5 Questions and Responses

1. Written requests regarding information or clarification in reference to this RFQ must be submitted, in writing, within the timeframe identified. Include the project number with each question. Send all questions by e-mail by ~~**September 17, 2022**~~**, at 3:00 p.m**. PT to:

   October 7, 2022

   Sam Cunningham
   Madera County
   Department of Water & Natural Resources
   E-mail: samuel.cunningham@maderacounty.com

2. Contractors must clearly understand that the only official answer or position of the County will be the one stated in writing. Questions seeking clarification or interpretation of the RFQ must be made in writing via email to the contact persons listed above. No inquiries received after the deadline will be considered. The question asked, along with any written response made thereto by the County, will be distributed as an amendment to the RFQ to all the persons on the bidders list. However, the County is not obligated to respond to any question asked, and the County's failure to respond to any such question will not relieve the Contractors of any obligations or conditions imposed by this RFQ. Written response to the questions will be issued as an amendment no later than seven (7) calendar days before the SOQ due date.

3. If the County finds it necessary to add to, or amend this document prior to the Response submittal deadline, the County will issue written addenda/addendum after the Meeting and distribute it to all the persons on the bidders list.

4. The County shall keep a record of the submitters list. To be on the County's submitters list please contact:
   Sam Cunningham
   Madera County
   Department of Water & Natural Resources
   E-mail: samuel.cunningham@maderacounty.com

5. Statement of Qualifications (SOQ) Format and Content

5.1 General Statement of Qualifications Requirements

5.1.1. The MCFCWCA discourages lengthy and costly submittals. SOQs should be prepared simply and economically and provide a concise description of the Responding Contractor's capabilities in completing the requirements of this RFQ.
5.1.2. Responding Contractor's must follow all formatting and address all portions of the SOQ requirements outlined in this section.
5.1.3. Responding Contractor's must respond to every section under the SOQ and Rate Sheet sections below. Respondents must clearly label each response to RFQ requirements with the section and section numbers associated with the subject requirements.
5.1.4. Submittals shall be prepared on 8 ½" by 11" paper. Any foldouts for charts, tables, figures, exhibits, etc. may be no larger than 11" by 17."
5.1.5. Responding Contractors must submit their SOQs in accordance with Section 3 of this RFQ by the Deadline for Submitting an SOQ in the RFQ schedule of events.

5.2 Statement of Qualifications (SOQ)

The SOQ shall be stylized and formatted using headings that clearly identify the required sections. It is encouraged that PDFs contain links between sections in the navigation pane. Each contractor shall submit one (1) original of each Response, and one (1) electronic copy in PDF. The sections shall follow the order given below. No material other than that listed in this Section shall be included in the Response. The required sections are outlined below:

1. SOQ Transmittal Letter

2. Cover Letter - A cover letter (limited to two pages) indicating the interest in providing the services to the County and a statement on why the Contractor should be selected for the award. The letter shall include the name of the Prime Contractor and any sub-contractor.

3. Table of Contents - A one-page table of contents identifying the sections and page numbers.

4. Organization Chart - A one-page, proposed organization chart identifying key professionals and sub-contractors, and their area(s) of responsibility.

5. Qualifications - Up to five (5) pages, for resumes of the persons, including the Project Manager. The resumes shall include a description of projects providing services similar

to those identified in the scope of services and will identify individuals' roles and responsibilities on those projects.

6. Project Understanding and Approach – Up to five (5) pages, summary of the approach to be taken for the scope of services, as presented. Identify any areas of expertise or certifications/licenses that are applicable to the activities outlined in the scope of services.

7. Project Experience, Success and References - Up to five (5) pages, a description of projects providing services like those identified in the scope of services. The emphasis shall be given to the projects in California AND the tasks performed by the persons identified in the Response. Include in the project descriptions (a) the length of the contract; (b) the scope of services provided; (c) the type of contract (pro bono, retainer, project-based fee, other); (d) specific accomplishments, if any; and (e) a contact name, phone number and e-mail address for each client to serve as a reference. If the Contracting team includes sub-contractor(s), there must be at least one project for each sub-contractor.

8. Sealed Rate Sheet - The rate sheet shall be enclosed in a separate, sealed, envelope identified as "Rate Sheet for RFQ-MCFCWCA 2022-01." The rate sheet shall include hourly rates for each position anticipated to be involved in the execution of the scope of services. Any sub-contractor rates should also be included.

All costs for preparation of SOQs shall be borne by the submitting firm.

6. EVALUATION AND SELECTION

1. The County will select one firm for the outlined Scope of Service on the basis of qualifications and experience. Designated staff of the County will conduct a review and evaluation of all SOQs and may, if necessary, invite submitters to interview. The County will review and evaluate SOQs against the following criteria:

#	Description	Points
1	Qualifications: Do the qualifications of key personnel to be assigned to working on the Project Scope demonstrate sufficient experience and expertise?	25
2	Understanding and Approach: Based on the information provided and other available information, does the submitter understand the needs and goals and the obligation to minimize costs while at the same time achieving optimum results?	30
3	Project Experience and Success: Has the submitting firm demonstrated that they, or the staff assigned to the engagement, successfully completed services, like those specified in the Scope of Services section of this RFQ?	25
4	References: Are the firm's references from past clients and associates favorable?	20

2. County staff will review the SOQs and select the one that they believe is most advantageous to the County, prior to opening the rate sheet envelope.

3. The County may elect to conduct an oral presentation/interview of the shortlisted firms. In which case, the three (3) highest ranking SOQs will be shortlisted and invited to an oral presentation/interview. Additional details on the oral presentations will be provided to the shortlisted Contractors.

4. The rate sheet will be used as a basis for negotiations with the selected Contractor of a final scope of work and proposed fee arrangement. If no acceptable arrangement can be negotiated, the County may terminate talks with the highest-ranked Contractor and initiate negotiations with the next-ranked Contractor, and so forth until a final agreement is reached. This agreement will then be recommended to the Board of Supervisors for approval.

5. The County reserves the right to award the service contract to the firm that, in the sole judgment of the County, can best accomplish the desired results. Selection criteria include, but are not limited to, consideration of the Contractor's qualifications and experience, the Contractor's understanding of and approach to the project, and the negotiated fee for services.

6. This request does not constitute an offer of employment or to contract for services.

7. The County reserves the option to reject any or all SOQs received in response to this Request for Qualifications, wholly or in part.

8. The County reserves the right to retain all SOQs, whether selected or rejected.

9. The successful Contractor will be expected to enter into a contract of substantially the same format as the attached sample form.

7. PROFESSIONAL SERVICES AGREEMENT

A copy of the County's Master Contract template is attached (Attachment A) for review. It is expected that the submitting firm will be required to comply with the terms of the template agreement including all insurance and indemnity provisions. The County reserves the right to modify the attached Standard Template as it deems appropriate.

Attachments

Attachment A: Madera County Master Contract Template
Attachment B: Example Photos of Levee Deficiencies
Attachment C: DWR Interim Vegetation Inspection Criteria for Standard Levees

Attachment A: Madera County Master Contract Template

MADERA COUNTY CONTRACT NO. _____
(Contract for Professional Engineering Services)

THIS AGREEMENT is made and entered into this _____ day of _____, 2019, by and between the COUNTY OF MADERA, a political subdivision of the State of California ("COUNTY"), and _____ ("CONSULTANT").

RECITALS

A. COUNTY has determined that it is in the public interest to have performed those services described in CONSULTANT's _____, 2019 proposal ("Proposal") entitled _____. Said proposal is attached hereto as Exhibit "A," and incorporated in this Agreement.

B. COUNTY has determined the project involves the performance of professional engineering consultation services of a temporary nature.

C. COUNTY does not have available employees to perform the services required for the project.

D. CONSULTANT has the experience and expertise necessary for the performance of the professional engineering consultation services required for the project.

E. COUNTY has requested that CONSULTANT perform services for the project and CONSULTANT has agreed to do so under the terms and conditions of this Agreement.

AGREEMENT

1. **TERM**. This agreement will commence on _____, 2019, and will terminate upon completion of the services outlined in the Proposal, or _____, whichever is sooner.

2. **SCOPE OF SERVICES**. CONSULTANT will perform its services in accordance with the Proposal, a copy of which is attached as Exhibit "A," and incorporated into this Agreement.

3. **COMPENSATION AND COSTS**. CONSULTANT shall be compensated in an amount not to exceed _____ dollars ($_____), as contemplated in the Proposal attached hereto as Exhibit "A." CONSULTANT's compensation under this Agreement, including the labor rates charged for work under this Agreement, shall not be increased without the written modification of this Agreement by the COUNTY and CONSULTANT. Payments under this Agreement shall be made within thirty (30) days after CONSULTANT's regular monthly invoicing to COUNTY. COUNTY's payment obligations under this Agreement are contingent upon the receipt, in a form and substance acceptable to COUNTY, of the deliverables required under the Proposal. COUNTY shall have no payment obligation any consultant or contractor utilized by CONSULTANT for its work under this Agreement, including those listed in the Proposal.

4. **NOTICES**. All notices required by this Agreement shall be in writing and shall be effective upon personal service or deposit in the mail, postage prepaid and addressed as follows:

COUNTY
County of Madera
Dept of Water and Natural Resources
200 West 4th Street,
Madera, CA 93637

CONSULTANT

5. **INSURANCE**. CONSULTANT shall maintain the following insurance: General liability, One Million Dollars ($1,000,000.00) per occurrence and One Million Dollars ($2,000,000.00) aggregate, with additional-insured endorsement; Automobile liability, One Million Dollars ($1,000,000.00); Worker's Compensation as required by California law; Professional liability, One Million Dollars ($1,000,000.00) per occurrence and One Million Dollars ($1,000,000.00) aggregate.

6. **CONFLICT OF INTEREST AND REPORTING**. CONSULTANT shall at all times avoid any conflict of interest, or appearance of a conflict of interest, in performance of this Agreement. CONSULTANT represents that CONSULTANT and its officers and employees have no present financial or other conflict of interest that would disqualify any or all of them from entering into or performing services under this Agreement. CONSULTANT shall also refrain from engaging in business which opposes projects in which the COUNTY is processing while this contract is in place.

7. **CHANGE OF PERSONNEL**. COUNTY shall have the right to renegotiate this Agreement if project management staff as identified in the scope of work is changed.

8. **INDEPENDENT CONTRACTOR**. All services performed pursuant to this Agreement by CONSULTANT shall be performed as an independent contractor. Under no circumstances shall CONSULTANT, its officers, employees, or agents, look to COUNTY as its employer, or as a partner, agent, or principal. CONSULTANT shall not be entitled to any benefits accorded to COUNTY's employees. CONSULTANT shall be responsible for providing, at its own expense, and in its name, disability, worker's compensation, or other insurance as well as licenses or permits usual or necessary for conducting the services hereunder. CONSULTANT shall pay, when and as due, any and all taxes incurred as a result of CONSULTANT's compensation hereunder.

9. **PERFORMANCE OF SERVICES**. CONSULTANT represents that it has the qualifications and ability to perform the services required under this Agreement. CONSULTANT will perform such services with reasonable care and diligence, and in a professional manner according to accepted standards. CONSULTANT shall be solely responsible for the performance of the services hereunder, and shall receive no assistance, direction, or control from COUNTY.

CONSULTANT shall have sole discretion and control of its services and the manner in which performed. However, COUNTY retains the right to administer this Agreement so as to verify that CONSULTANT is performing its obligations in accordance with the terms and conditions of the Agreement.

10. **COMPLIANCE WITH APPLICABLE LAW**. CONSULTANT shall use reasonable care and diligence to comply with the applicable federal, state, and local laws in performance of work under this Agreement.

11. **NON-DISCRIMINATION**. During the performance of this Agreement, CONSULTANT will not discriminate against any employee or applicant for employment on any basis prohibited by state or federal law including race, religion, creed, color, national origin, sex, age or disability.

12. **OWNERSHIP AND RETENTION OF DOCUMENTS**. All reports and other documents prepared by CONSULTANT pursuant to this Agreement shall become the property of COUNTY. COUNTY is entitled to full and unrestricted use of such reports and other documents for this Project. COUNTY may also retain the original of the reports and other documents upon request. CONSULTANT shall not apply for copyrights or patents on all or any part of the work performed under this Agreement.

13. **TERMINATION FOR CONVENIENCE**. COUNTY may terminate this Agreement without cause by giving at least thirty (30) days written notice to the other party, which notice shall include the date of termination. If this Agreement is terminated prior to completion, CONSULTANT shall be paid for all work satisfactorily performed through the date of termination.

14. **REMEDIES UPON BREACH**. If CONSULTANT materially breaches the terms of this Agreement, COUNTY shall have all of the following remedies:

14.01: Immediately terminate the Agreement with CONSULTANT;

14.02: Retain the reports and other documents prepared by CONSULTANT;

14.03: Complete the unfinished work under this Agreement with a different consultant;

14.04: Charge CONSULTANT with the difference between the cost of completion of the unfinished work pursuant to this Agreement and the amount that would otherwise be due CONSULTANT, had CONSULTANT completed the work.

15. **SUCCESSION AND ASSIGNMENT**. This Agreement is binding on CONSULTANT and its successors. Except as otherwise provided herein, CONSULTANT shall not assign, sublet or

transfer its interest in this Agreement, or any part thereof or delegate its duties hereunder without the prior written consent of the COUNTY.

16. **ENTIRE AGREEMENT**. This Agreement, any exhibits attached hereto and incorporated by reference, shall constitute the entire agreement between CONSULTANT and COUNTY with respect to the subject matter hereof, and supersedes in its entirety all previous negotiations, proposals, commitments, writings, advertisements, publications, and understandings of any nature whatsoever unless expressly included in this Agreement. No other agreement, oral or otherwise, regarding the subject matter of this Agreement shall be deemed to exist or to bind either of the parties herein.

17. **GOVERNING LAW**. The laws of the State of California shall govern the rights, obligations, duties and liabilities of the parties to this Agreement and shall also govern the interpretation of this Agreement. Venue for any dispute arising under this Agreement shall be the Superior Court for the County of Madera, California.

18. **INDEMNITY**. To the fullest extent allowed by law, CONSULTANT shall defend, indemnify, and hold harmless COUNTY, its officers, employees, and agents from any loss, cost, expense (including attorney's fees), damage, claim, or liability resulting from, arising out of, or is in any way connected with the performance of this Agreement by CONSULTANT, it's officers, employees, or agents, except to the extent that such damage, claim, or liability is proven to be caused exclusively by COUNTY's sole negligence or willful misconduct in its performance of this agreement. COUNTY will not be liable for any accident, loss, or damage to the work prior to its completion and acceptance.

19. **SURVIVAL OF OBLIGATIONS**. All obligations arising prior to the termination of this Agreement and all provisions of this Agreement allocating responsibility or liability between the parties shall survive the completion of the services hereunder and/or the termination of this Agreement.

20. **SEVERABILITY**. In the event that one or more provisions of this Agreement may be deemed unenforceable, the remainder of the Agreement shall continue in full force and effect.

21. **SECTION HEADINGS**. The section headings, enumeration, and sequence of sections appearing herein are for convenience purposes only and shall not be deemed to govern, limit, modify, or in any manner affect the scope, meaning or intent of the provisions of this Agreement.

22. **TIME OF ESSENCE**. Time is of the essence to this Agreement.

23. **FORCE MAJEURE**. Neither the COUNTY nor CONSULTANT shall be liable to the other for damages or delay in performing under this Agreement, or for the direct or indirect costs resulting from such delay, arising out of labor strikes, riot, public disturbances, war, fire, accidents, extraordinary weather conditions, natural catastrophes, or any other cause beyond the control of either party.

///

///

///

///

///

///

///

///

///

///

///

///

///

///

///

* * * * * * * * * * *

IN WITNESS WHEREOF the foregoing Agreement is executed on the date and year first above-written.

COUNTY OF MADERA

_____

Chairman, Board of Supervisors

ATTEST:

_____
Clerk, Board of Supervisors

Approved as to Legal Form:
COUNTY COUNSEL

By: _____

ACCOUNT NUMBER(S)

_____

_____

CONSULTANT

By: _____
(Signature)

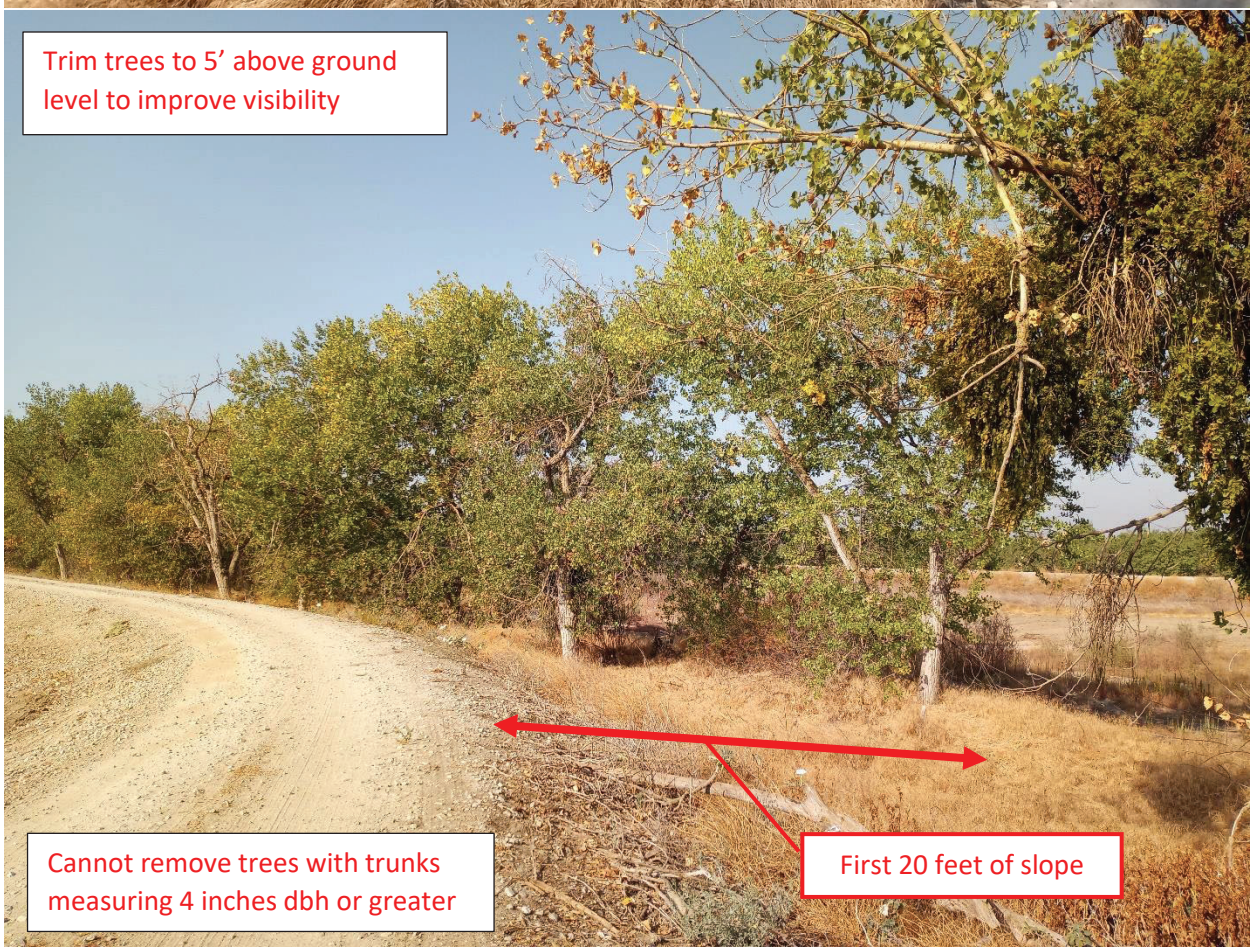
_____
(Print Name)

Title: _____

J:\wdocs\01246\040\AGT\00634368.DOCX

Attachment B: Example Photos of Levee Deficiencies

Trim trees to 5’ above ground level to improve visibility, reduce annual vegetation
First 20 feet of slope
Cannot remove trees with trunks measuring 4 inches dbh or greater

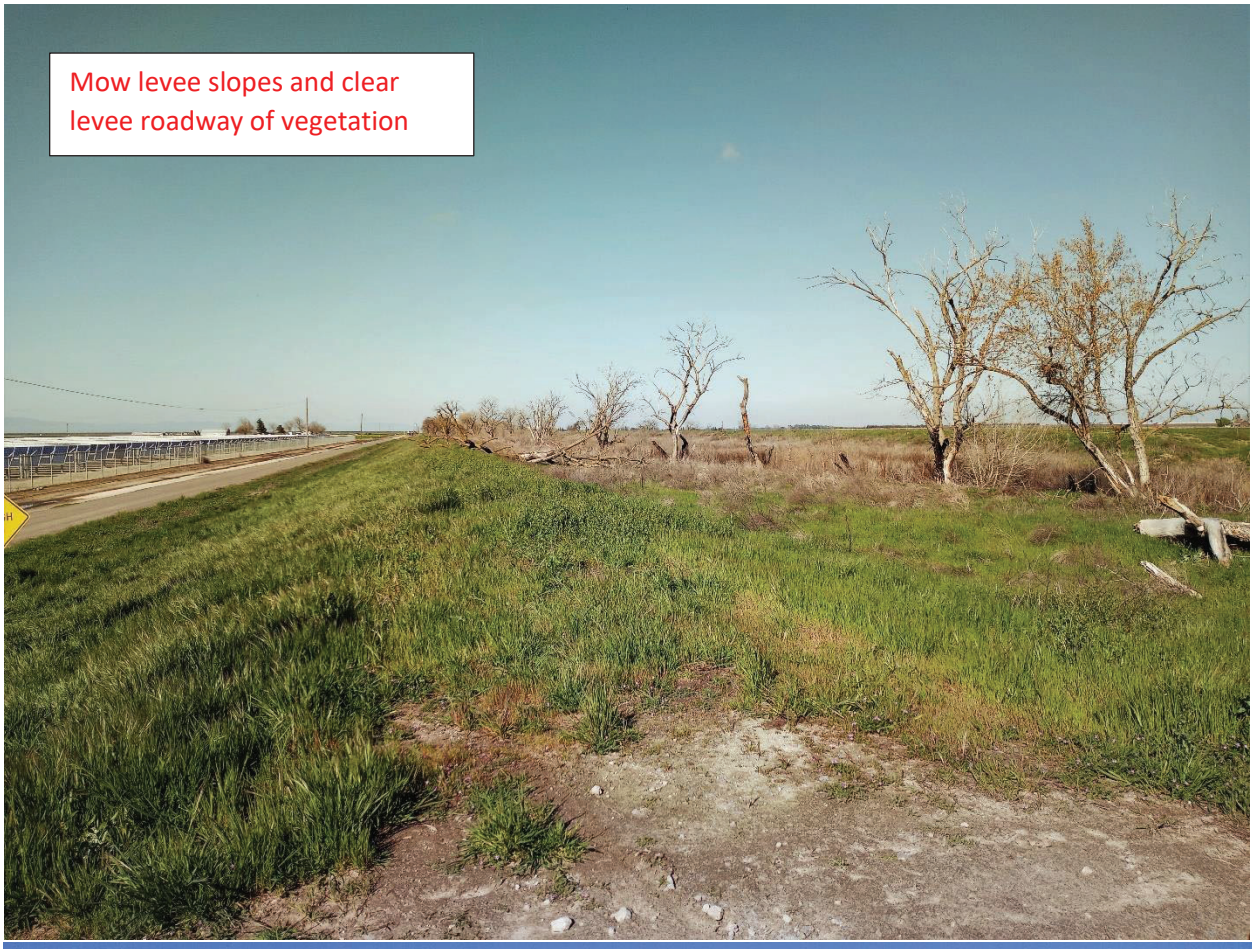

Trim trees to 5’ above ground level to improve visibility
Cannot remove trees with trunks measuring 4 inches dbh or greater
First 20 feet of slope

Reduce annual vegetation and spray and mulch Arundo

Reduce annual vegetation and spray and mulch Arundo

Reduce annual vegetation and spray and mulch Arundo; trim trees to 5’ above ground level to improve visibility
Cannot remove trees with trunks measuring 4 inches dbh or greater

Reduce annual vegetation and spray and mulch Arundo


Mow levee slopes and clear levee roadway of vegetation

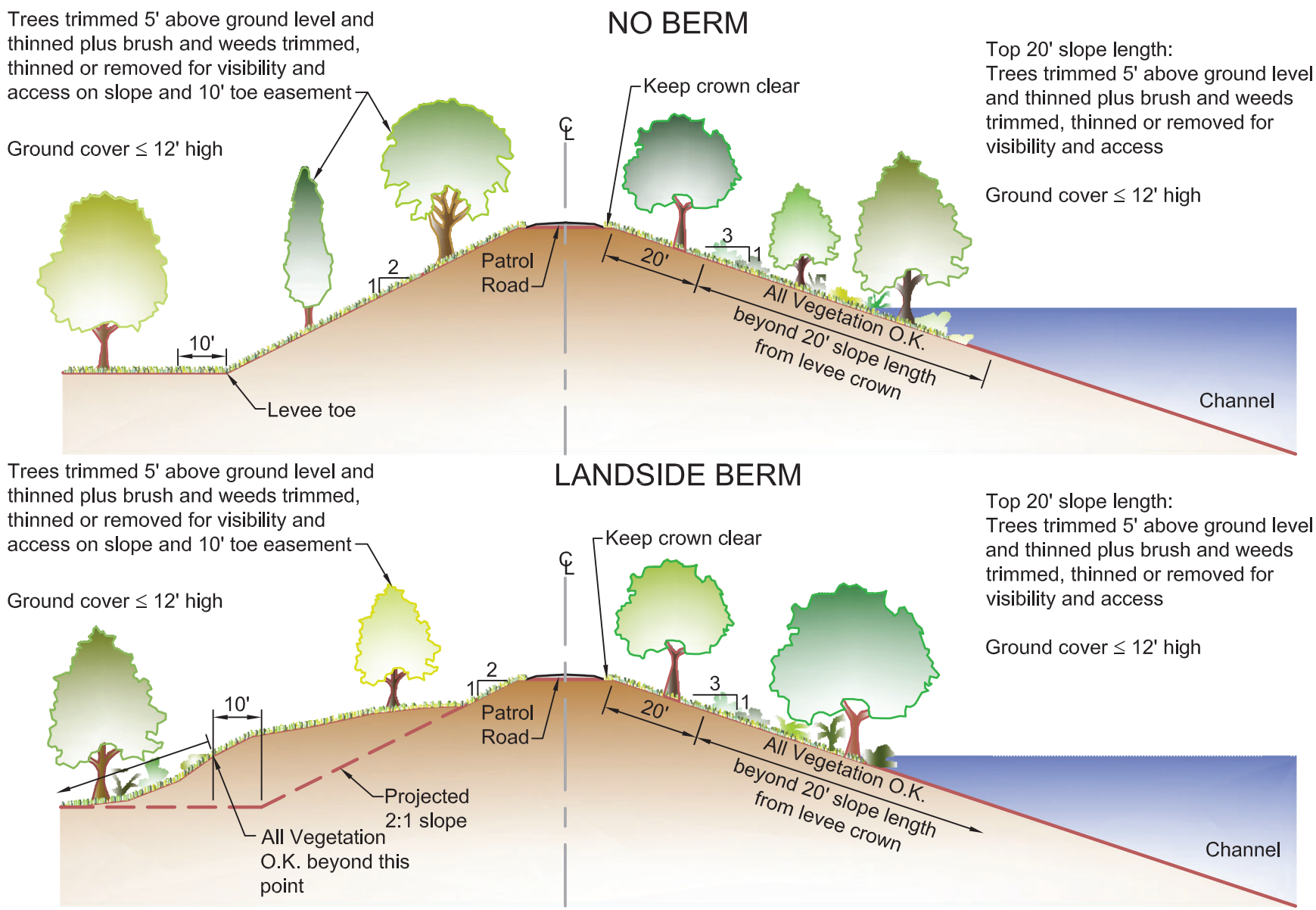
Mow levee slopes and clear levee roadway of vegetation
03/14/2022 15:31

Mow levee slopes and clear levee roadway of vegetation
03/14/2022 15:10

Mow levee slopes and clear levee roadway of vegetation

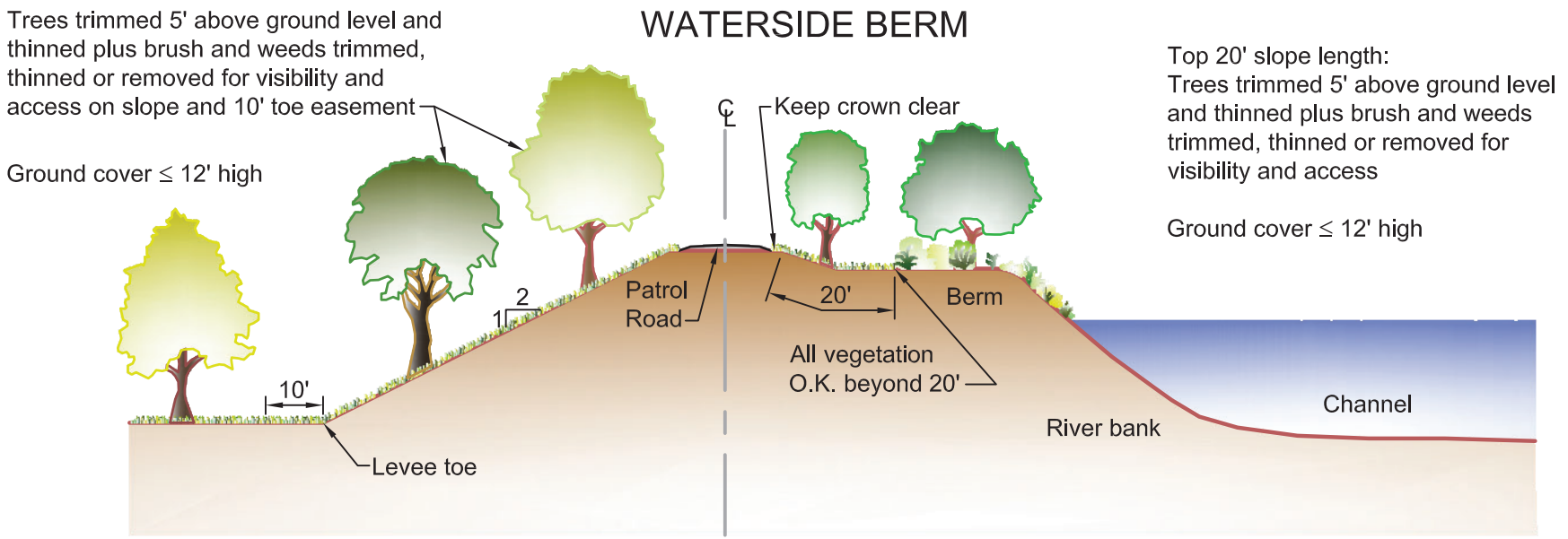
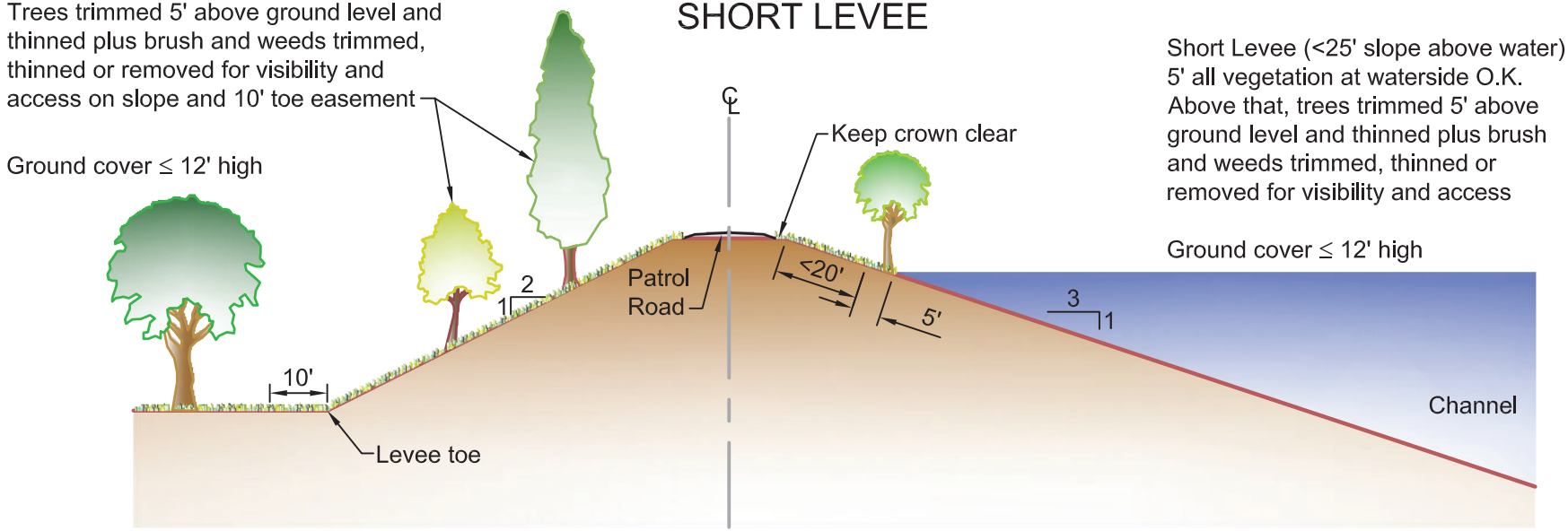
Attachment C: DWR Interim Vegetation Inspection Criteria for Standard Levees

DWR Interim Vegetation Inspection Criteria for Standard Levees, October 2007



DWR Interim Vegetation Inspection Criteria for Standard Levees, October 2007

WATERSIDE BERM



SHORT LEVEE