



CRA BULLETIN September 2013

Administration • Building & Safety • County Surveyor • Engineering • Environmental Health • Fleet Services • GIS • Housing • Planning • Roads • Solid Waste

EROSION CONTROL MEASURES

Please be advised that the deadline for implementing erosion control measures on a construction site is October 15th. All soils that have been disturbed by grading must be seeded or hydro-mulched by that date and other erosion control measures must be installed.

A handout on Erosion Control is attached to assist you in implementing the required measures. This handout will also be mailed to all owners of property and contractors who have active Building Permits, Grading Permits, or

Grading Review Permits.

Once you have completed the erosion control measures for your project site, please contact the Building and Safety Division Inspection Line at (209) 533-5940 if your project is being constructed under a Building Permit. If your project is under a Grading Permit or Grading Review Permit, please call the Engineering Development Division Inspection Line at (209) 533-6533.

Inspections will be conducted to ensure that the erosion control

measures have been properly implemented. Follow-up inspections will also be conducted to verify that the measures are being maintained to control erosion and retain sediment on the project site throughout the period of October 15th to May 15th.

Any grading between October 15th and May 15th requires a Supplemental Permit to Grade from the CRA. The permit application must be signed by the owner or authorized agent prior to issuance. This permit will be issued after an erosion control plan has been received and approved by the CRA.

Please be advised that if erosion control measure requirements are not met, the CRA may have the necessary work done and the cost will be assessed to the property owner in accordance with Section 12.20.110 of the Tuolumne County Ordinance Code.

The California Regional Water Quality Control Board may also have enforcement authority over individual projects and assess associated fines and penalties for any violations.

If you have questions or would like more information, please contact Deputy CRA Director Duke York at 533-5633.

EROSION CONTROL TRAINING

Rich Muhl from the Regional Water Quality Control Board will give a presentation on erosion control and stormwater monitoring on:

Wednesday, Sept. 18, 2013
9:00 am

Board of Supervisors Chambers
2 South Green Street, Sonora

Mr. Muhl is an excellent speaker and is very knowledgeable in erosion control techniques and State requirements. Compliance with these requirements is a State mandate to protect the quality of water bodies.

Mr. Muhl will address post construction methods that can be used to mitigate the quality and quantity of stormwater runoff.

Mr. Muhl's presentation will be videotaped and televised on Channel 8 on the following dates and times:

Thursday, September 26, 2013
6:30 pm to 8:00 pm

Wednesday, October 2, 2013
7:00 pm to 8:30 pm

Friday, October 11, 2013
7:00 pm to 8:30 pm

For additional information on this training or about the erosion control standards which must be implemented by October 15th, please contact Deputy CRA Director Duke York at (209) 533-5633.





EAST SONORA BYPASS STAGE II

The \$52.9 million SR 108 East Sonora Bypass Stage II project being built from Peaceful Oak Road to Via Este is a continuation of East Sonora Bypass Stage I, which was completed in 2004. Once completed, the East Sonora Bypass Stage II project will help to ease congestion, improve mobility, decrease travel times for all motorists, fix operational problems on the current highway alignment, and enhance safety for both commuters and recreational traffic.

This portion of SR 108 will be a two-lane expressway on a new alignment from Peaceful Oak Road to Via Este Road. This realignment includes a partial interchange at Peaceful Oak Road, a grade separation at Mono Way, and a temporary traffic signal at the "T" intersection connecting Mono Way to the new expressway.

Construction for Stage II began on April 19, 2012 and the new road is expected to be open for use in late November 2013.

Upon completion of the East Sonora Bypass Stage II project, there will be a separate Peaceful Oaks Interchange Project that will provide a west bound off-ramp and an east bound on-ramp to Peaceful Oak Road for traffic coming from and going to the Twain Harte Grade.

As part of the East Sonora Bypass Stage II Project, there will be a relinquishment process between Caltrans and Tuolumne County wherein the County will accept the old highway, which will be renamed Mono Way, and two frontage roads into the County's Maintained Road System. The relinquishment agreement between the County and Caltrans includes a condition that Caltrans will provide funding to the County for improvements to Mono Way after the Bypass Project is completed. Those improvements will include:

- ✓ A road overlay.
- ✓ Paved shoulder improvements on both sides of the old Highway for bicycles and pedestrians.
- ✓ Left turn pocket intersection improvements at the intersection of Christie May Lane, Mono Way and Jenness Road

Stage III of the East Sonora Bypass is planned to be built as a continuation of Stage II from Via Este to the bottom of the Twain Harte Grade, completing all three stages of the East Sonora Bypass. No date for construction of Stage III has been established.

Funding for the East Sonora Bypass Stage II project was approved by the voters as part of Proposition 1B. The use of

these funds is restricted to capacity improvements on State Highways and cannot be used for maintenance of local County roads.

For additional information, please contact Deputy CRA Director Duke York at (209) 533-5633.

RECYCLING

State law requires all businesses generating four (4) cubic yards or more of garbage per week and all multi-family dwellings with five (5) or more units, regardless of waste generation amounts, to recycle.

Recycling costs less than garbage disposal, so save money while saving landfill space!

For more information, please contact the Solid Waste Division at (209) 533-5633 or visit CalRecycle at www.calrecycle.ca.gov.

COMMENTS

The Community Resources Agency welcomes your comments and suggestions on how we can provide better service to you. Comment cards are provided at the CRA Information Center and County Surveyor counter. Members of the CRA Staff are continuing to meet with representatives of the Tuolumne County Building Industry to address ways to enhance our service to you.

ASSISTANCE

For assistance with your development project or information on any of our programs, please contact us at:

Physical: 48 Yaney Avenue
Sonora, CA 95370

Mailing: 2 South Green Street
Sonora, CA 95370

Telephone:

Main Line: 209-533-5633
Fleet Services: 209-536-1622

Fax:

Main Line: 209-533-5616
Fleet Services: 209-588-9064
Roads: 209-533-5698
Environ. Health: 209-533-5909

Inspection Requests:

Building: 209-533-5940
Environ. Health: 209-533-5992
Engineering: 209-533-6533

FOOD MANAGER TRAINING

The Environmental Health Division is offering the Prometric Certified Professional Food Manager (CPFM) training and exam through the National Environmental Health Association (NEHA), which meets the American National Standards Institute (ANSI) requirements in the California Retail Food Code.

The cost for this training is \$44.00 and includes the book, exam, and certificate.

CPFM Training
Thursday, Oct. 10, 2013
through

Friday, Oct. 11, 2013
8:00 am to 5:00 pm

Tuolumne County
Ambulance and Fire Facility
18440 Striker Court
Sonora, California

Registration deadline is
September 20, 2013

For additional information or to register, please contact Senior EH Specialist Bea Sardinas at (209) 533-5633.

Erosion Control Plan

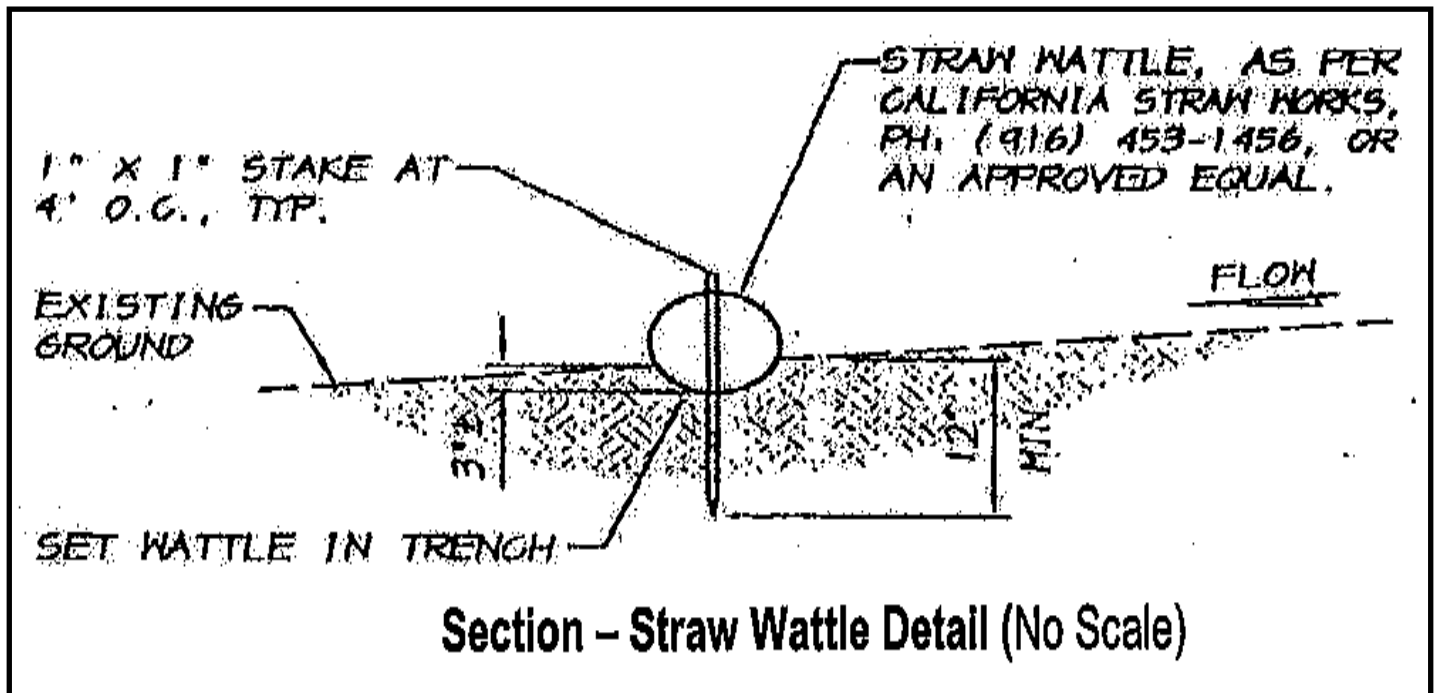
1. This erosion control plan was prepared as an exhibit to the Storm Water Pollution Prevention Plan (SWPPP). As required by the State Water Resources Control Board, the facilities shown on this Plan are designed to control sediment during the rainy season after rough grading has been completed. Erosion control measures are to be operable prior to October 15th and through April 15th of any year during which grading operations has left areas unprotected from erosion. No grading will occur between October 15th and April 15th unless authorized by the Deputy CRA Director – Roads.
2. During the rainy season, all paved areas shall be kept clear of earth materials and debris. The site shall be maintained so as to minimize sediment-laden runoff to any storm drainage system.
3. Construction entrances consisting of aggregate or geotextile fabric shall be provided at each vehicle access point to existing paved roads.
4. All erosion control measures shall be maintained until disturbed areas are stabilized. This plan may not cover all of the situations that arise during construction due to unanticipated field conditions. Revisions may be made to the Plan in the field, subject to the approval of the Deputy CRA Director – Roads.
5. Borrow areas and temporary stockpiles shall be protected with appropriate erosion control measures to the satisfaction of the Deputy CRA Director – Roads.
6. Construction operations shall be carried out in such a manner that erosion and water pollution will be minimized. State and local laws concerning pollution shall be complied with.

Silt Fences:

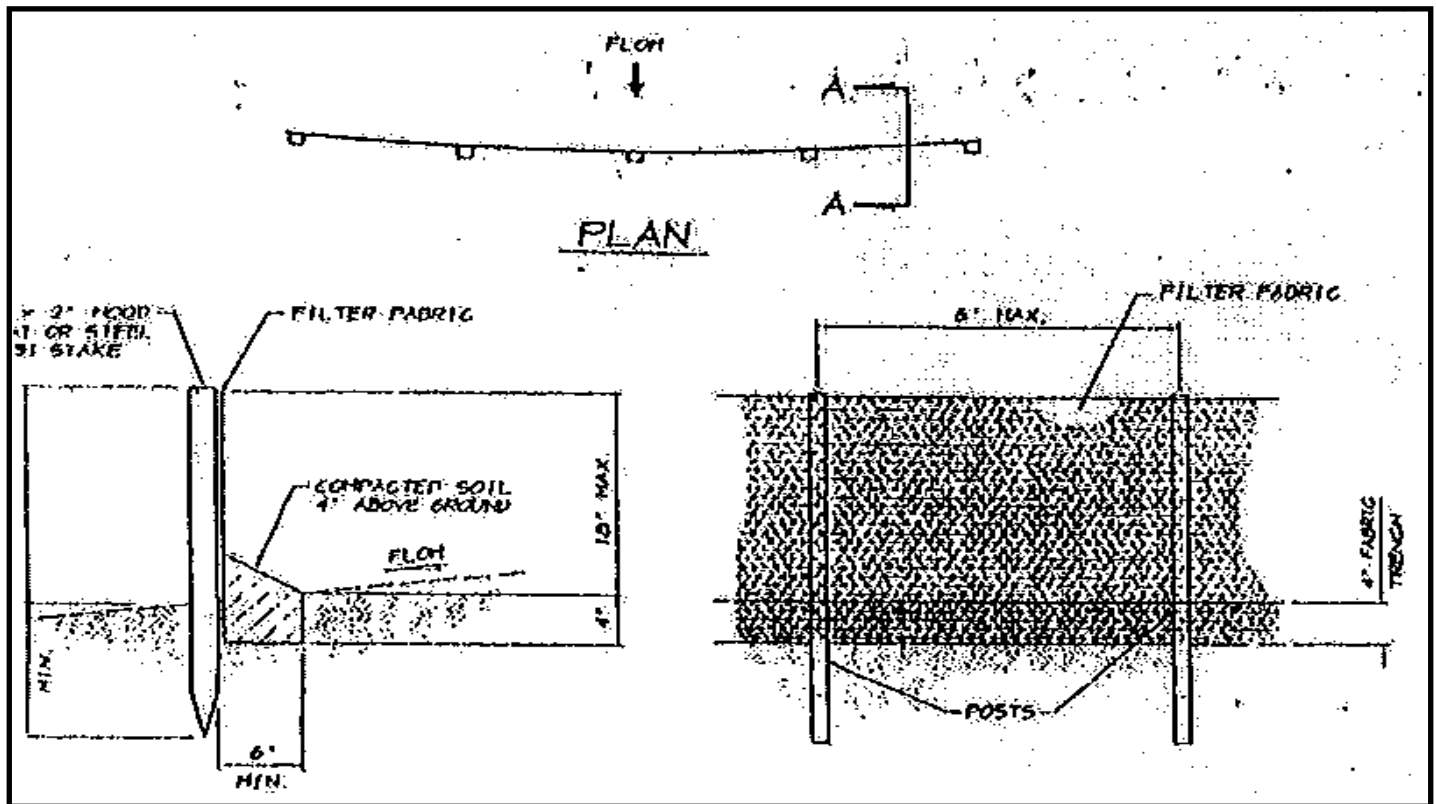
7. If possible, silt fence fabric shall be cut from a continuous roll to avoid the use of joints. When joints are necessary, filter fabric shall be spliced at a support post, with a minimum of 6 inches overlap, and with both ends securely fastened to the post.
8. Silt fences shall be removed when they have served their useful purpose but not before the upslope area has been permanently stabilized.
9. Filter fabric shall be No. 2125 as manufactured by AMOCO Construction Fabrics, or an approved equivalent.

Seeding:

10. Seed and mulch shall be applied by September 15th to all disturbed slopes steeper than 2 percent and higher than 3 feet, and to all cut and fill slopes located within or adjacent to public rights-of-way, or as directed by the Deputy CRA Director – Roads.
11. Seed and fertilizer will be applied hydraulically or by hand at the following rates: Zorro Annual Fescue, 10 lbs per acre; Rose Clover, 8 lbs per acre; Hydromulch Fiber, 1,500 lbs per acre; 16-20-0 Fertilizer (ammonium phosphate), 300 lbs per acre; and Zackifier, 80 lbs per acre. On slopes, straw shall be applied by blower or by hand and anchored in place by punching. Fiber mats are also an acceptable alternative
12. If plant growth is inadequate for erosion control, overseed using half the rate of the original application. If the growth is over 60 percent damaged, replant using the original specifications. This should be done 14 to 21 days after the initial planting.
13. Alternative erosion control techniques must be used in the event that adequate vegetation is not established prior to the first anticipated significant rain event of the season.



Note: The Contractor shall inspect wattles weekly and after each rainfall. Repairs shall be made as necessary and sediment shall be removed when it has accumulated to a depth of 4 inches. Wattles shall be replaced when they have been damaged, collapsed, or decomposed.

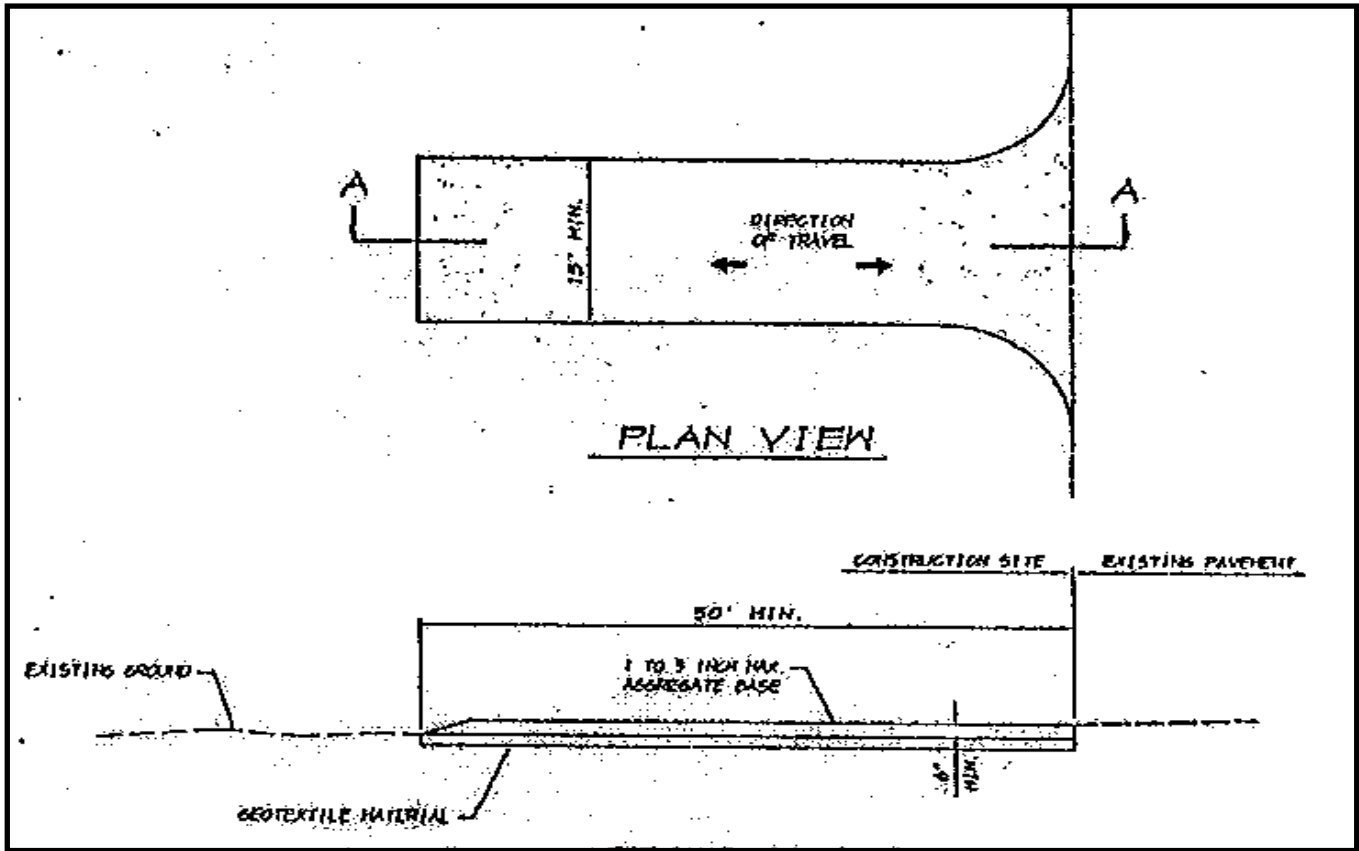


Silt Fence Filter Barrier

No Scale

Silt Fence Filter Barrier:

1. Filter barrier shall be constructed long enough to extend across the expected flow path and as approved by the Deputy CRA Director – Roads.
2. Filter fabric shall be propylene, nylon, polyester, or ethylene yarn with a minimum tensile strength of 50 lbs per linear foot at 20 percent maximum elongation and containing ultraviolet inhibitors. Filter fabric shall retain a minimum of 85 percent of the soil, by weight, based on sieve analysis, but shall be no finer than an equivalent opening size of 70.
3. Support posts shall be, at minimum, 30 inch long 2" x 2" wood posts or steel form stakes, to be driven a minimum of 12 inches into the ground. Posts shall be spaced a maximum of 6 feet apart.
4. A 4 inch fabric trench shall be excavated along the uphill side of filter barrier posts. The bottom edge of the fabric shall extend to and across the bottom of the trench. The trench shall be back filled to 4 inches above ground and compacted to bury and secure the bottom of the filter fabric.
5. Contractor shall make inspections weekly during the wet season, monthly during the dry season, and immediately after each rainfall to determine if repairs and sediment removal is required. Sediment shall be removed before it has reached 1/3 the height of the filter fabric.



Stabilized Construction Site Access

No Scale

Section A-A

Stabilized Construction Site Access:

1. Stabilized construction site access shall be constructed of 1" to 3" maximum size aggregate base material conforming to County standards and shall be placed to a minimum thickness of 6". The method of placing, spreading, and compacting aggregate base material shall conform to Section 26 of the State Specifications.
2. The length of the entrance shall be a minimum of 50' and its width shall be a minimum of 15' or greater if necessary to cover all vehicular ingress and egress. Provide ample turning radii.
3. The entrance shall be kept in good condition by occasional top dressing with aggregate base material.
4. Accesses shall be inspected weekly during periods of heavy usage, monthly during normal usage, and after each rainfall, with maintenance provided as necessary. Periodic top dressing shall be done as needed.