

Salmonid Restoration Federation
ROAD MAINTENANCE AND EROSION CONTROL FIELD SCHOOL
Oz Farm – Garcia River
October 13-16, 2009

COURSE CURRICULUM

TUESDAY, October 13 (half day)

Check in to SRF field school camp site	11 am – noon
Introductions, orientation, logistics and scheduling	noon – 1 pm
Field tour – Upgraded stream crossings and road surface drainage in the South Fork Garcia	1 – 5:30 pm
Dinner at camp (1.5 hour break; dinner at 6 pm)	
Evening presentation	7 – 9 pm
Week’s itinerary	
Regional fishery status and life cycle requirements	
Road upgrading video (Handbook for Forest and Ranch Roads)	
Discussion: principles of erosion, road erosion problems, sediment control practices	

WEDNESDAY, October 14

Breakfast (pack lunch for field day)	7 am
Field sites – High use rural subdivision and vineyard roads (Navarro River watershed)	8 am – 4 pm
1. Booneville and Philo areas – rural subdivision road treatments	
2. Navarro area – vineyard road treatments	
3. Topics: Road upgrading and sediment control treatments: stream crossing installations, bridges, fish passage, road drainage treatments for high use roads	
Dinner at camp (3 hour relaxation/dinner break; dinner @ 5pm)	
Evening presentations	7 – 9 pm
1. Brief review	
2. Road upgrading treatments (stream crossings, landslides and road drainage)	
3. Introduction to road decommissioning treatments (stream crossings, landslides and road drainage)	

THURSDAY, October 15

Breakfast (pack lunch for field day)	7 am
Field sites – Forest/timber roads, with emphasis on road decommissioning and upgrading treatments	8 am – 4 pm
1. Little North Fork Gualala River (stream crossing upgrades, road outsloping, rolling dips)	
2. South Fork Gualala (Pepperwood Creek)	
3. South Fork Garcia River (time permitting)	
3. Topics: Decommissioned roads – 1 to 10 year old stream crossing excavations, landslide treatments, road drainage drainage; Upgraded roads - armored fills, culvert installations, culvert to bridge conversions for fish passage, road drainage treatments	
Dinner at camp (3 hour relaxation/dinner break; dinner @ 5pm)	
Evening presentations	7 – 9 pm
1. Brief review	
2. Conducting a road inventory and developing an erosion and sediment control plan (data forms, conducting the assessment (data collection), volume calculations, culvert sizing techniques, road treatment logs, data analysis, cost estimating, prioritizing, monitoring techniques, funding)	
3. Discussion	

FRIDAY, October 16 (half day)

Breakfast and pack up	7 am
Review and summary of major concepts; Q&A (at camp)	8 am
Field sites – Low use rural subdivision and forest roads	9 am – 12:30 pm
1. Schooner Gulch	
2. Gualala River (Fuller Creek – near Annapolis) rural subdivision	
3. Topics: Armored fills on low use roads, culvert to bridge conversion, channel-stored sediment	
Course closeout and evaluation at Annapolis, CA.....	12:30 – 1 pm