

Colorado Department of Transportation

**Region 4
Maintenance Section 1
Avalanche Management Plan**

2004

Purpose: To document avalanche control methods used on Cameron Pass (SH 14), to ensure the safety of the traveling public and CDOT personnel assigned to this pass.

Scope: There are ten avalanche slide paths on Cameron Pass that have the potential of running to the highway. These paths do not have a history of sliding frequently therefore; avalanche control work is not performed until an avalanche runs to the highway. This is the only avalanche slide area in the state where CDOT takes reactive measures instead of the usual proactive measures.

Personnel Involved: The chain of command specifies that the Region Transportation Director and/or the Highway Maintenance Superintendent will be the ultimate authority for responsibility of avalanche control. Delegation of this responsibility to their assistants and area supervisors will be based on experience and knowledge of the problem areas.

Equipment: Helicopter dispensed explosives are used on Cameron Pass and at this time, this is the only viable control method available. Helicopter services are provided via Region 1, Maintenance Section 5.

When: After an avalanche has occurred on the Pass and has run to the highway. CDOT maintenance personnel working on the Pass are to close the pass before they clean-up the debris and immediately contact the Eisenhower Tunnel avalanche forecaster to assess the situation. At that time the Region 1 avalanche helicopter crew will be called in to perform control work.

Traffic Control: Actual road closures will be at the summit of Cameron Pass and near Walden at Seven Utes. A Variable Message Board is placed at Ted's Place (junction of SH 14 and SH 287). Another Variable Message Board is at the junction of SH 14 and I-25.

Additional Information: Personnel from State Parks and Recreation will close trails in the Middle Fork of the Michigan River. Personnel from the U.S. Forest Service will notify skiers and snowmobilers on U.S. Forest Service land.

Communications – channel 13 for radio communications between State Forest Service, State Parks & Recreation and CDOT Supervisors. Channel 1 for CDOT to CDOT.

Responsibilities –
CDOT

- Notification
- Traffic control
- Drop charges from helicopter into slide areas
- Debris clean-up

State Parks & Recreation and U.S. Forest Service

- Control access to slide area by backcountry users such as skiers and snowmobiler

Region 4, Maintenance Section 1 Avalanche Control Contact Directory

Colorado Department of Transportation

Dennis Allen	Superintendent, Greeley	970-350-2120	C 970-381-4103
Phillip Anderle	Deputy Superintendent, Greeley	970-350-2119	c 970-381-4104
Fred Schulz	Superintendent, Aurora	303-757-9103	c 303-929-2572
Charles Weber	Sr. Foreman, Loveland	970-667-4650 ext.#5102	c 970-679-8003
Jerry Franklin	Jr. Foreman, Loveland	970-667-4650 ext. #5104	c 970-679-8552
Rocky Winters	TM II, Cameron	970-881-2128	
Jeff Snyder	Sr. Foreman, Kremmling	970-724-9685	c 970-531-3089
Sue Winpegler	Jr. Foreman, Kremmling	970-724-9685	c 970-531-1403
Dave Brown	TM II, Walden & Walden Shop	970-723-4237	
Lee Metzger	CAIC Forecaster/Road Control	303-569-0903	
Stacy Stegman	Public Information Director	303-757-9362	

Colorado Avalanche Information Center

Knox Williams	303-499-9650
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Board of Land Commissioners

Beverly Rave	970-824-2850
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Colorado State Forest Service

John Twitchell	970-723-4505
Brook Lee	Back-up 970-723-4505

U.S. Forest Service

Sue Greenley	970-498-2716
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State Parks & Recreation

Tim Metzger	Park Manager	970-723-8366
Carl Nilson	Sr. Ranger	970-723-8366

Law Enforcement

Colorado State Patrol	Ft. Collins	970-224-3027
Colorado State Patrol	Denver Dispatch	303-239-4513
Larimer County Sheriff	Ft. Collins	970-498-5141
Jackson Co. Sheriff	Gary Cure, Walden	970-723-8427
Jackson Co. Dispatch	Walden	970-723-4242

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