



File Code: 1950-1/7730-4-1

Date: September 24, 2009

## SCOPING NOTICE

### Proposed Construction of Weirs along the Control Road on the Santa Catalina Ranger District

#### *Dear Friends and Neighbors of the Coronado National Forest:*

I am writing today to inform you of a proposed Forest Service action to construct grade-controlling permanent structures (i.e., weirs) in five streams that are crossed by National Forest System roads (NFSRs). Funding for this project is authorized by the American Recovery and Reinvestment Act of 2009 (Public Law 111-55).

The road-stream crossings, all on the north side of the Santa Catalina Mountains, are as follows (see enclosed maps):

- where Catalina Wash crosses the Control Road (NFSR 38) in Section 35, Township 11 South, Range 16 East;
- where Stratton Canyon crosses the Control Road (NFSR 38) in Section 20, Township 11 South, Range 16 East;
- where an unnamed wash crosses the Control Road (NFSR 38) in Section 15 in Section 15, Township 11 South, Ranger 16 East;
- where an unnamed wash crosses the Control Road (NFSR38) in Section 16, Township 11 South, Range 16 East; and
- where an unnamed wash crosses the Control Road (NFSR 38) in Section 28 in Section 28, Township 10 South, Range 16 East.

Many passenger-car roads on the Forest cross ephemeral (intermittent) streams that have substantial flows during wet periods of the year. And, at many of such road-stream crossings, there is no constructed feature (bridge, pipe or weir) in the stream to control erosion and deposition of sediment on the road surface when the stream is flowing. At these locations, the road surface is often reshaped by erosion and/or deposition to the extent that vehicle travel is disrupted and potentially hazardous. In some cases, motorists risk driving over impaired crossings, putting themselves and/or their vehicles in harm's way.

We are about to begin a National Environmental Policy Act (NEPA) review of the proposed action. During scoping, we ask the public to help us identify issues and concerns, as well as to make suggestions for mitigation and alternatives to the proposed action. Public, tribal, and agency input is important and may be used in the development of mitigation and alternatives to the proposed action, as necessary. Information on how you can comment or obtain further information is provided below.



## **PROPOSED ACTION**

The Forest proposes to install one engineered, grade-controlling, permanent weir in each of the five streams. Each weir would be built about five feet beyond the downstream side of the road. Interlocking-sheet, steel piling segments of pre-cut length would comprise the body of each weir. The Catalina Wash weir would be 35 long, the Stratton Canyon weir would be 60 feet long, the Control Rd, Section 15, weir would be 80 feet long, the Control Rd, Section 16, weir would be 60 feet long, and the Control Rd, Section 28, weir would be 35 feet long.

Excavation would occur in the naturally disturbed stream channel and historically disturbed road prism—an area frequently maintained by road graders, loaders and dozers following significant stream flows. A trench would be dug deep enough to seat most of the sheet piling length to prevent scour from exposing more than half the pile length, which could cause structural failure, and to limit the exposed drop-off that the weir presents adjacent to the road.

A steel cap would be welded to the top of the sheet piling segments to provide a safe surface for contact by pedestrians, tires and road maintenance equipment. When viewed from either up- or down-stream, each weir would have a flat-bottomed “V” shape and would be engineered to pass all runoff from a 100-year storm through the “V”. Enclosed are figures showing the typical features and layout of the proposed weirs.

Construction of each weir would require traffic control—which may include a total road closure for one or two days, depending on the specifics of each location. Most weirs, however, can be constructed with minimal motorist waiting times, that is, on the order of 15- minute waits.

### **We Appreciate Your Comments**

The Coronado National Forest values public input during the NEPA review process. Your comments about this proposal may be submitted to us in writing by U.S. mail, facsimile, or hand-delivery; electronically by email; and orally, either by telephone or in person at the District office. To be most useful in our NEPA review, comments should be submitted to us within 15 calendar days following your receipt of this notice.

Our mailing address is Santa Catalina Ranger District, 5700 N. Sabino Canyon Road, Tucson, AZ 85750. Facsimiles may be sent to (520) 749-7723. Please include your full name and address and project title (Santa Catalina Weirs) with your comments<sup>1</sup>. Electronic (email) comments may be submitted to us at [comments-southwestern-coronado@fs.fed.us](mailto:comments-southwestern-coronado@fs.fed.us). Please submit email comments in any of the following ways: text of your email, in a Microsoft Word (.doc) attachment, or in rich-text format (.rtf). Please include “Santa Catalina Weirs” in the subject line.

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<sup>1</sup> *Comments and personal information associated with them, such as names and addresses, become part of the Administrative Record of this NEPA review. As such, they will be available to a third-party upon request under the authority of the Freedom of Information Act (FOIA). Personally identifying information is protected by the Privacy Act. If you do not want personal information to be released under the FOIA, you may choose not to include it with your comments. Or, you may request an exemption from FOIA with your comment submittal. If you do not meet the criteria for an exemption, you may resubmit your comments without personal information or withhold them altogether.*

Oral comments may be provided by telephoning Ms. Debra Mollet, Civil Engineer, at (520) 388-8432, from 8:00 a.m. to 4:30 p.m., Monday through Friday, excluding Federal holidays, or by making a personal visit to the Santa Catalina Ranger District office. To schedule a visit, please call the District office on (520) 749-8700 or Ms. Mollet at the number above.

For further information about the project, please contact Ms. Mollet by telephone or at [dmollet@fs.fed.us](mailto:dmollet@fs.fed.us). For information about the NEPA process, please contact Ms. Andrea Wargo Campbell at (520) 388-8352.

*Thank you for your interest and participation in the activities of the Coronado National Forest.*

Sincerely,

*/s/ R. Stan Helin*  
R. STAN HELIN  
District Ranger

Enclosures:  
Maps of Project Area (4)  
Illustrations of Weirs (2)