

SPECIALIZED ENGINEERING

Aerial Tramways; Design, Inspection,
Accident Investigations,
Construction, and Risk Management
General Civil; Subdivisions
Sanitation

January 21, 2012

Ravalli County Floodplain Administrator
215 S. 4th St. Suite F
Hamilton, Mt. 59840
Att: Mr. Eric Anderson, P.E.

*Rav Co
Comm. 1*

Howard R. Anderson, P.E.
P.O. Box 535, Hamilton, MT 59840
Office: (406) 961-3523 • Fax: (406) 961-2402

RECEIVED

JAN 24 2012

Re: **Flood Plain Determination, for 2662 Hwy 93 South, Darby, Mt.
Jeffrey & Barbara Black:
Your Denial Letter of January 12, 2012**

Ravalli County Commissioners

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Dear Mr. Anderson:

This letter is a PRELIMINARY REQUEST to APPEAL your Denial letter of January 12, 2012 denying a proper floodplain determination for the above referenced project as previously requested. A formal Request to Appeal your determination is pending.

There are several reasons for our actions.

1. CROSS SECTION B550 is drawn on the Sheet 21 of 24 in the wrong location. [Floodplain Management Study of the Bitterroot River dated November 1995] It needs to be moved up stream Approximately 1,000 lin. ft, and then it matches the profile, and the other data then falls correctly in Place. The actual cross section fit this site rather than where it is presently shown.
2. CROSS SECTION CP on the FEMA study is also drawn in the wrong location, As shown on the Map that your provided to me, Map # 11P.
3. CROSS SECTION B550 is drawn correctly of the [flood Plain Management Study of the Bitterroot River Dated November 1995] on the Profile sheet # 10 of 13.
4. The BFE water surface profiles on the [Flood Plain Management Study for the Bitterroot River dated November 1995 are correct, but the FEMA map # 11P does not even resemble Page 10 of 13.
5. Further, The Survey by Montana NW Co used the Appropriate Survey Marks RM 81, 82, 83 and 84 As I personally provided the location of # 84 to that crew as I was using BM for another project. To answer Your comments in item 1, the Wavy Line was not used. On the plat he references RM 82 as being used.

I am enclosing three (3) document so that you can re-evaluate your position on this project. They are:

- * One sheet typed info titled "Comparison Review of FEMA and the Flood Plain Management Study.
- * A single sheet copy of the aerial Photo of Sheet 21 of 24 showing the proper location for B550.
- * A 11" x 18" composite of FEMA Map 11P where I have pasted a copy of the Flood Plain Management Study Profile Sheet 10 of 13.

There are some additional comments that need to be made.

1. A review of the original request by Ravalli County to move the Cabin from where it was to where it is Now may have been in error, resulting in Blacks spending money they should not have had to spend, All because of inaccurate information on the part of FEMA.

PAGE 2>>BLACK>>PRELIMINARY REQUEST TO APPEAL DETERMINATION:

2. A quick calculation which I need to review will show the cabin to be about 1.0 ft plus above the Base BFE. I need to spend more time on this item but trying to get back to you within the fifteen (15) Time period you requested.

3. With this new information and calculations, this now compares favorable with the photos I have taken On site over the last three (3) years during flood flows.

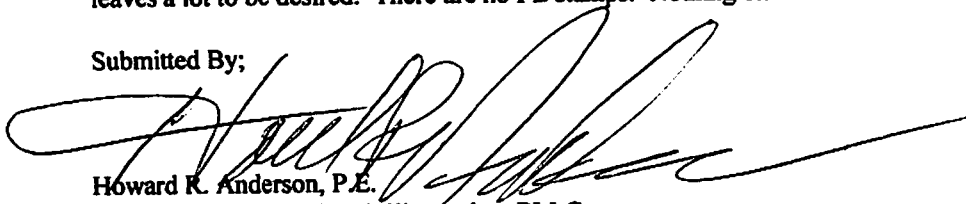
I and Blacks would expect to her back from Ravalli County within the next 30 days with a favorable response.

Also, I am available to you and others to sit down and go over this information that I am providing to you. Although I am busy I will be available.

Also, I have not been able to communicate with the Blacks to a degree as to how they want to proceed On this matter, whether they want me to deal with this situation, whether they want to obtain legal expertise, or maybe they just might want to say to Hell with it. I will be in touch with them verbally over the next ten days or so. In the meantime I wanted to comply with your time frame request.

After taking a closer look at the FEMA maps, I am appalled at the information that is left off, they leave Cross section off, stationing does not match, and frankly to use this as a Government Document to me leaves a lot to be desired. There are no PE stamps. Nothing on who did what and when.

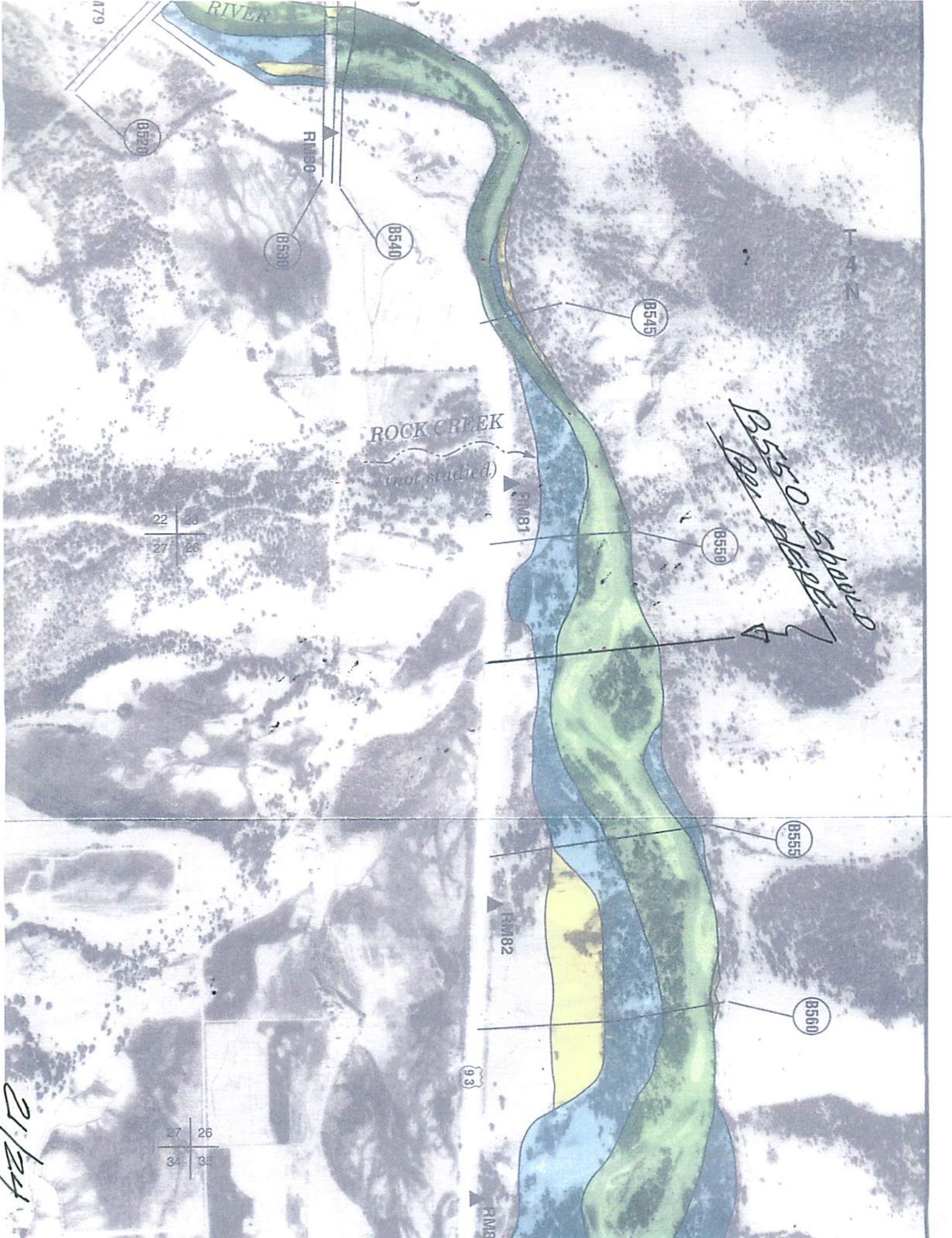
Submitted By;



Howard K. Anderson, P.E.
Specialized Engineering & Illustration, PLLC.

Cc. Jeff and Barbara Black
Ravalli County Commissioners (one copy).
Rod Daniels, Ravalli County Health Dept.

1/1. Flood PI Det. 01.21.2012



2/24

B550 SHOULD BE RM81

BLACK.....FLOOD PLAIN DETERMINATION

Comparison Review of FEMA and Flood Plain Management Study

CROSS SECTION #	STATION		ELEV.	FEMA STATION AND ELEVATION		
	From the Bitterroot Flood Plain Study dated November 1995			STATION	ELEV	COMM
B540 CN	256300		3783.60	257800	3783.5	
		3800	11.4 0.0037'	4000	11.5 0.0029	OK
B545 CO	260100		3795.00	261800	3795.0	
		3000	5.0 0.0017	2000	5.0 0.0025	OFF
B550* CP	263100		3800.00	263800	3780.0	
		1800	9.1 0.0051	3000	9.1 0.0030	OFF
B555 CQ	264900		3809.10	266800	3809.1	
		1500	4.0 0.0027	1400	4.0 0.0027	OK
B560 CR	266400		3813.10	268200	3813.0	OK

* B550 is drawn on the plat sheet 21 of 24 at 262100 >>should be @ 263100
Its drawn 1000 ft off.

COMMENTS:

1. FEMA profile 11P is not drawn the same as the FPMS sheet 11 of 13. Copy of the comparison attached. I made a composite sheet out of both so that they can be easily compared.
2. Cross Section Notes, Actual for B550 do not match the location where B550 is drawn on sheet 21 of 24.
3. Cross Section B550 fit's the new location where shown on the Aerial Photo, Copy attached. When this Cross section location is then plotted on the Aerial Photo it then matches the profile and all slopes and Station then match out.

Red indicates where there are errors in the study>>

Black Study Comparison