

Memo from Pete Cooper, NRCS Hydraulic Engineer

11/19/13

Regarding the following cross-section maps:

This shows the comparison between the 2007 and 2013 surveys of channel xsecs. Looks like there's significant downcutting (2 - 3 feet) in the lower 5,500 feet of comparison. Should check with Dan Crompton to see if they done any cleanouts in this reach since 2007. **(no cleanouts in that section noted upon discussions with Crompton)** Odd thing is the downcutting continues through 500' upstream of the first culvert field crossing (located ~ 500' downstream of xsec 5645) - I would have expected the downcutting to have stopped/minimized at the culvert. Tim, this shape coincides with our stroll through here back in July.



Figure 1 - Cross Section Locations from 2007 Survey

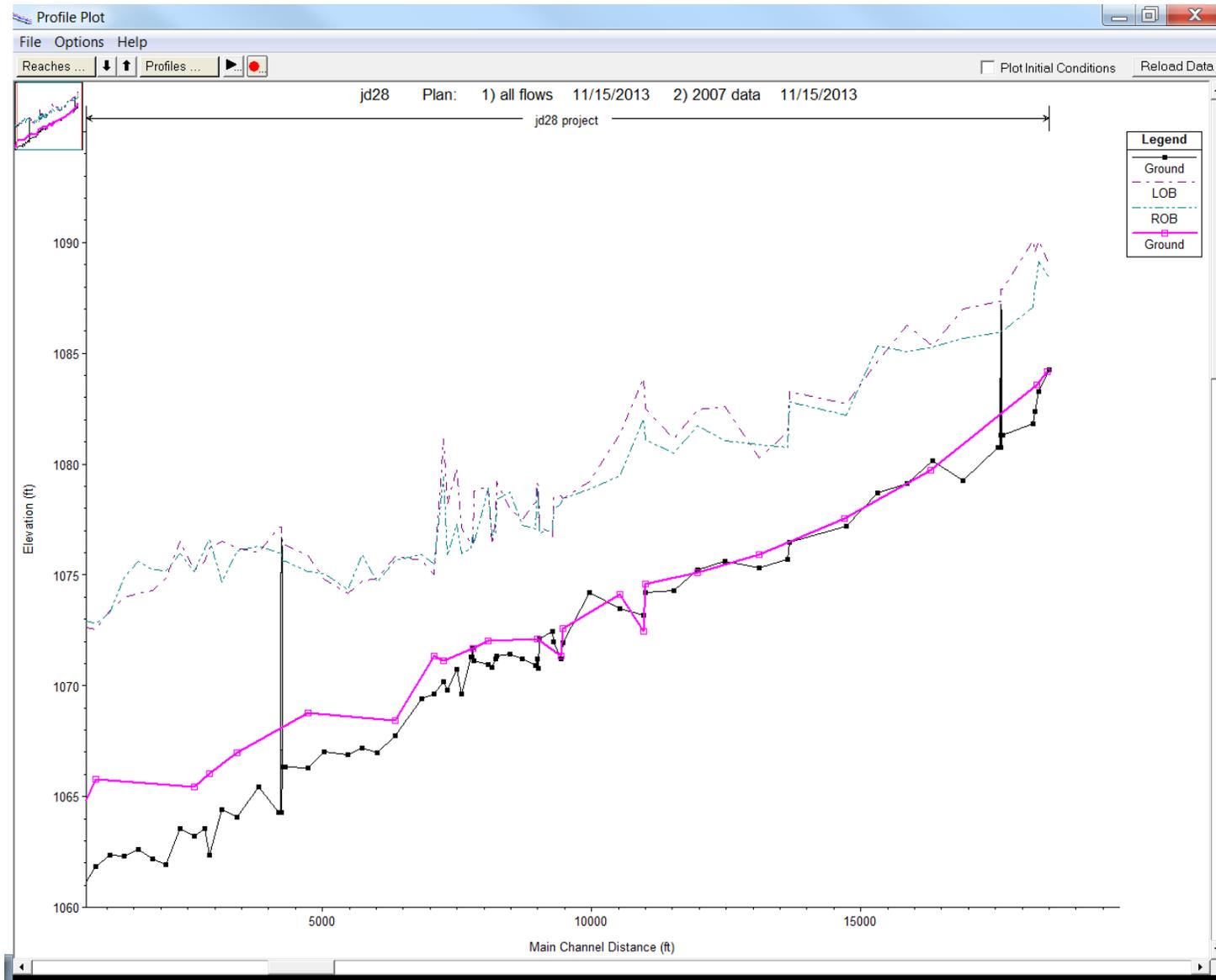


Figure 2 - Channel Invert Comparison - 2007 in Red/2013 in Black

