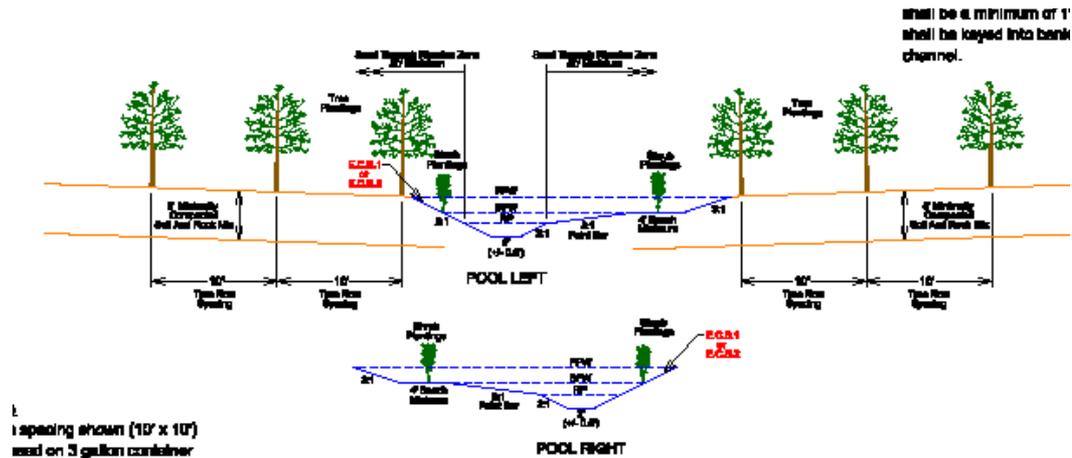




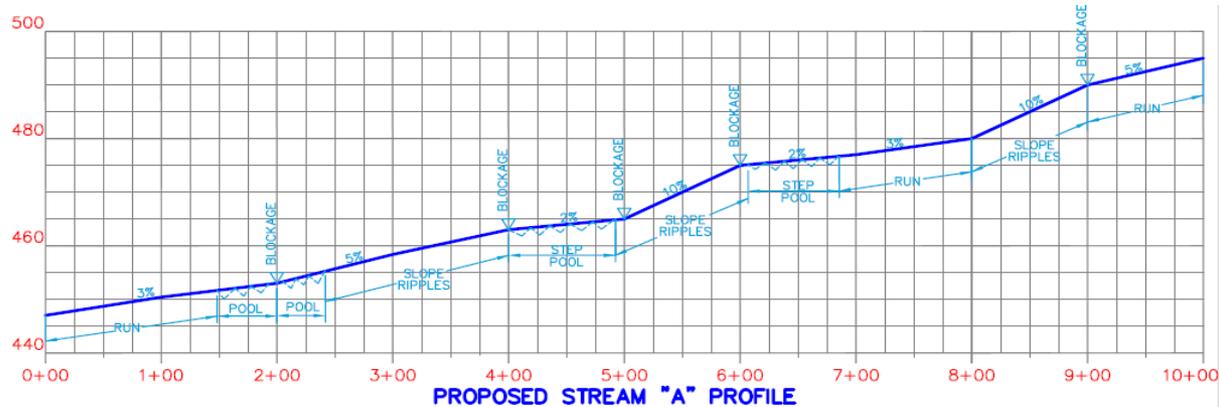
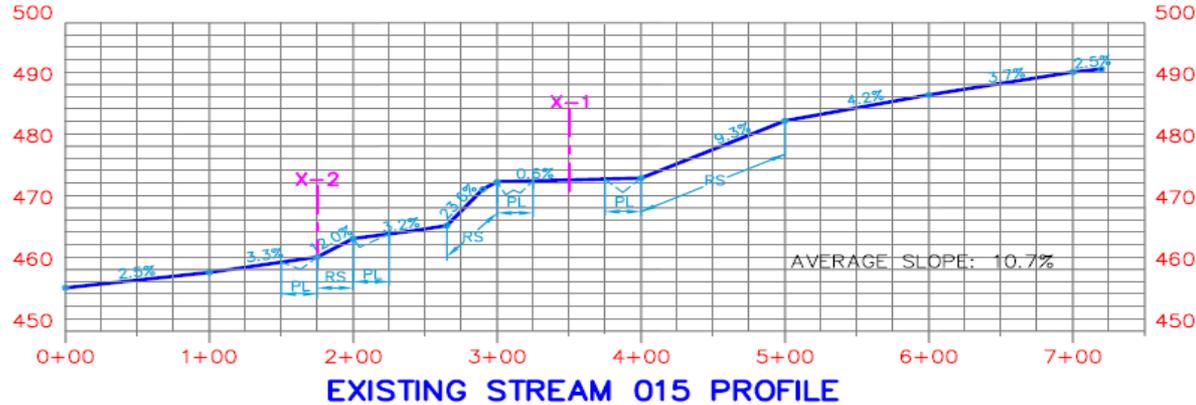
Mitigation

- Provide existing vs proposed pattern, profile and dimensions





Mitigation





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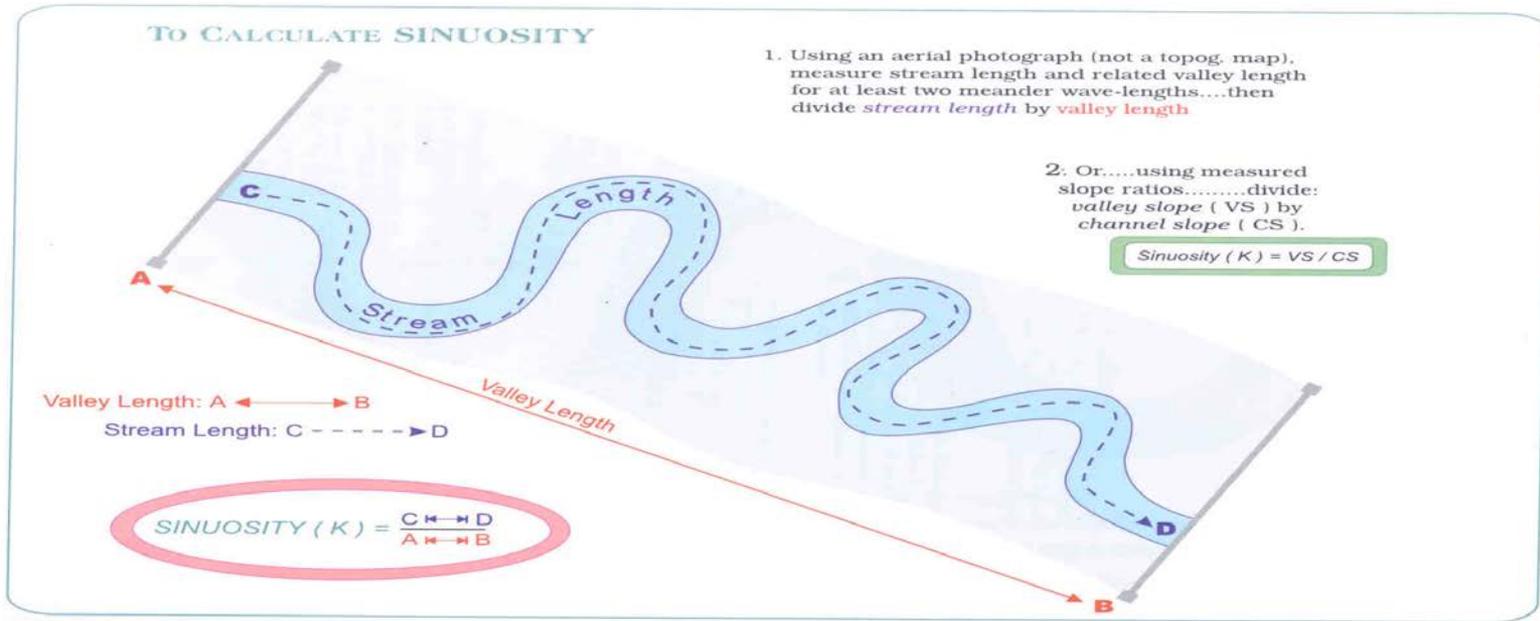
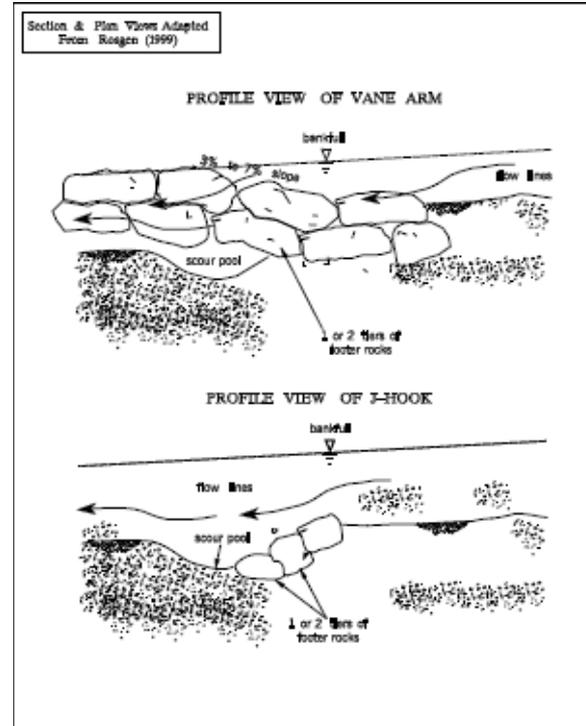
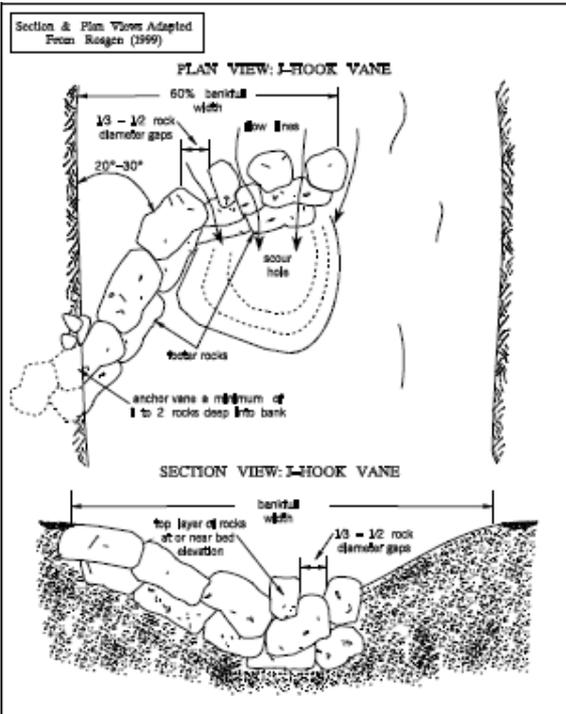


FIGURE 30. Channel Sinuosity Calculations

Submit a typical existing and proposed pattern.

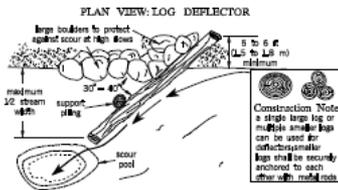
Typical Stream Restoration/Creation



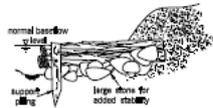
Provide typical design plans illustrating proposed structures to be utilized. These structures can be used to provide functional replacement and enhancement.

Typical Stream Restoration/Creation

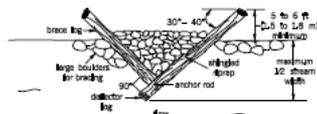
Utilize what is available.



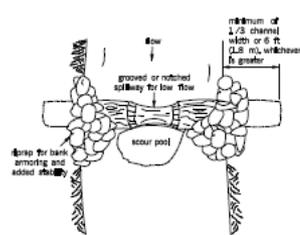
SECTION VIEW: LOG DEFLECTOR



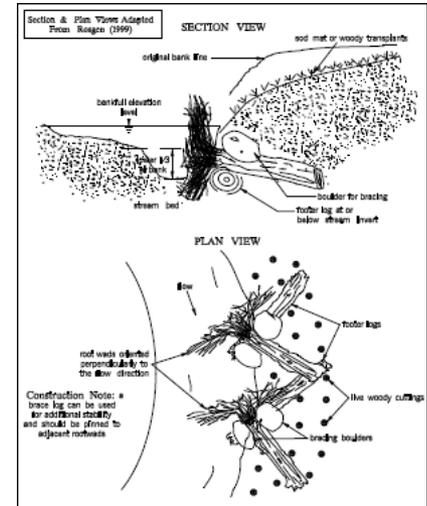
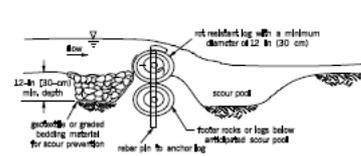
PLAN VIEW: LOG FRAME DEFLECTOR



PLAN VIEW: SINGLE LOG WEIR

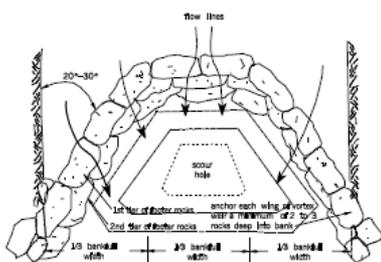


SECTION VIEW: SINGLE LOG WEIR

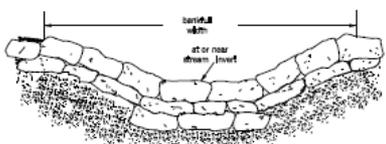


Source: Rosgen, 1999

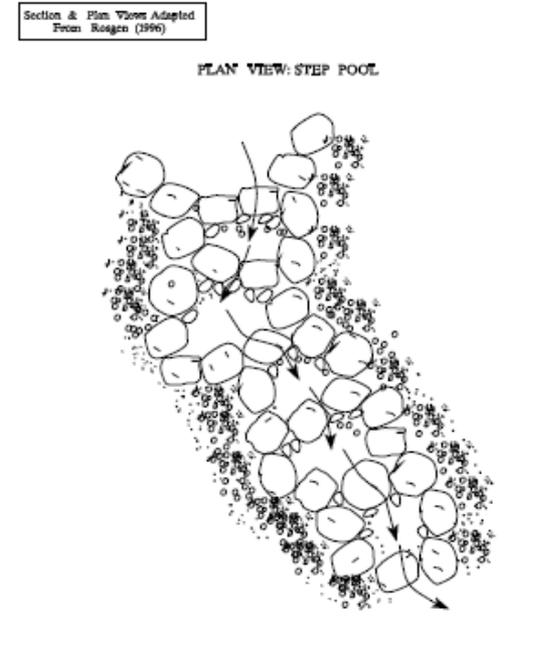
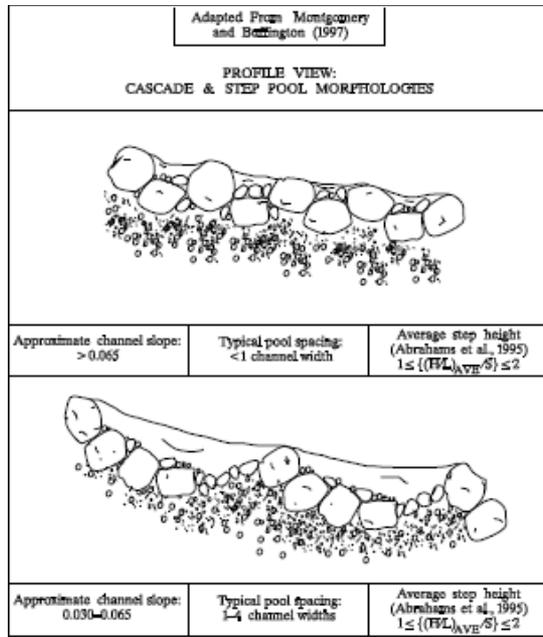
PLAN VIEW: CROSS VANE



SECTION VIEW: CROSS VANE



Typical Stream Restoration/Creation



Instead of utilizing uniform rip rap lined chutes/channels, design a stable channel to achieve a higher mitigation credit and a more stable site.



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Current Stream Conditions

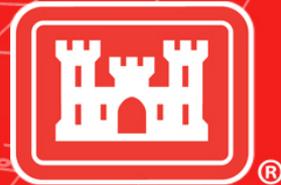




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