



PROJECT SITE DATA

Watershed Area	0.39 Square Miles
100-Year Frequency Peak Flow	823 CFS
Project Length	2,000 Feet
Channel Slope	1%
Mean Channel Width	12 Feet
Incision	8 Feet
Native Soil	Silty Clay Loam

PRE-EXISTING CONDITIONS



PROPOSED CHANNEL RESTORATION

- Provide Overbank Floodways
- Channel Bed Elevation Controls (Vortex Weirs)
- Decrease Base Width
- Reduce Bank Slopes
- Create Pool / Riffle Sequence
- Add Bed and Bank Roughness
- Revegetate Channel

GEOMORPHIC CONSIDERATIONS

- Retain Channel Bends
- Reconnect Channel and Floodplain
- Create Stable Bed Slope
- Provide Variable Width, Depth, Side Slopes
- Minimize Channel Linings

TYPICAL SECTIONS



