



Bendway Weirs to be installed based on guidance from U.S. Department of the Interior's Bank Stabilization Guidelines (2015).

Top of Linear Peak Stone Toe (LPST) ~ 1'-2' above Ordinary High Water (OHW) elevation.

Top of Bendway weirs ~ 1'-2' Below OHW elevation.

Weir length ~ 20', approximately 1/3 of stable channel width.

Weirs are placed and oriented to encourage development of thalweg tangent to existing upstream channel and aligned with desired downstream channel.

Width in stable sections ~60'.

Reconfigure existing vane to create Bendway Weir, directing flow toward center of stream.

Reposition existing downed tree to enhance habitat.

New Thalweg

Bendway Weir, Typical

Anchor existing downed tree in place with Bendway Weir.

Ex. downed tree not to be disturbed.

Gravity sewer is aerial here.

Tie-back, Typical

18" Gravity Sewer

20" Pressure Sewer

Reposition existing downed tree(s) to maintain habitat.

Extend upstream tie-back to prevent future flanking by stream.



Hinkson Creek at Clear Creek Force Main

Bank Stabilization

Scale: None

Drawn: T.E.W.

Date: 10/27/21