





578 – Stream Ford/Low Water Crossing





Water Gap

—via 578 (EQIP) or
Watering Facility
(CREP)





578 Stream Crossing

Culvert Installation, >30 inch diameter





396	Aquatic Organism Passage	Bridge, CIP Abutment
578	Stream Crossing	Bridge with cast in place abutments, span > 14 feet

396

Aquatic Organism
Passage

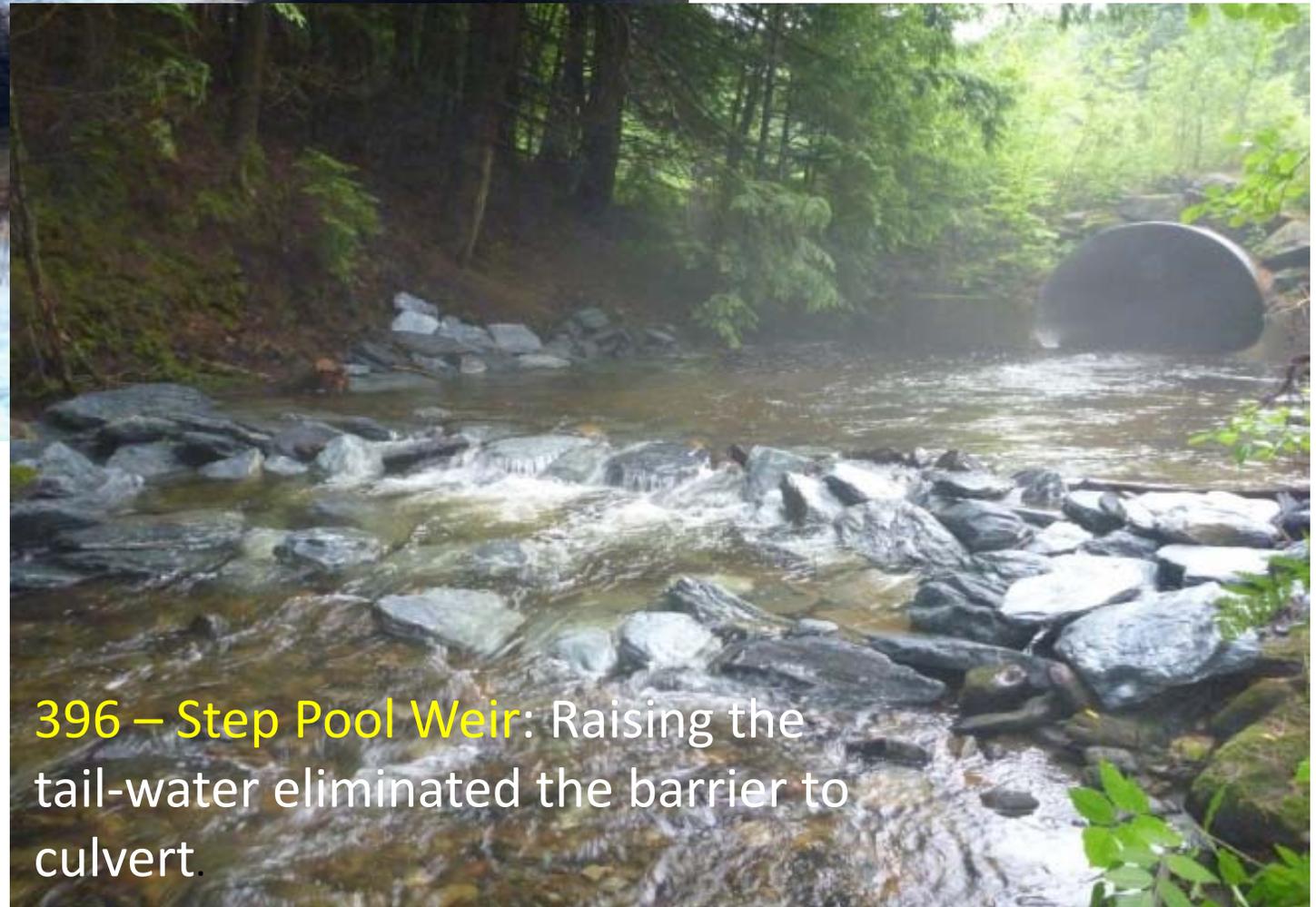
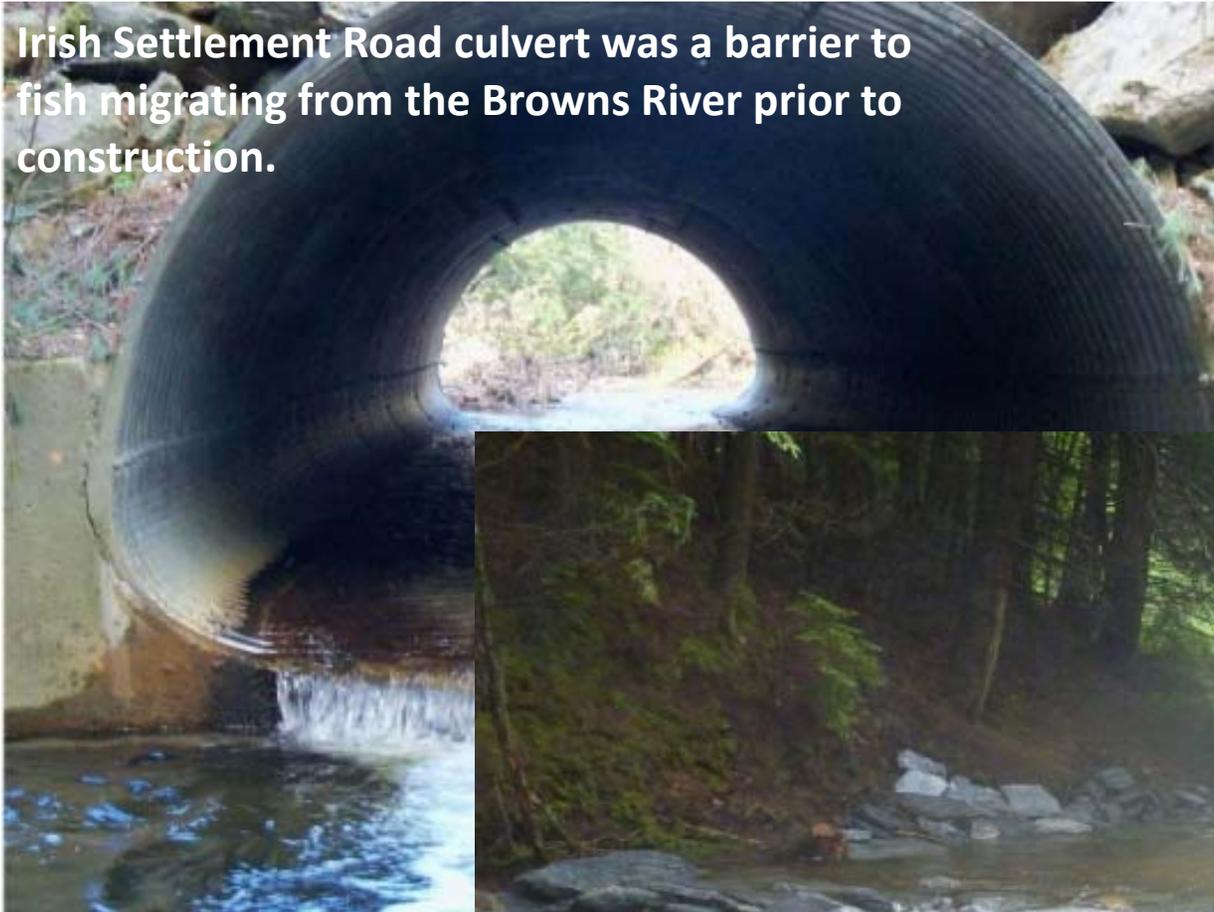
Stream Simulation
Culvert





396 - Bridge, Precast
Abutment

Irish Settlement Road culvert was a barrier to fish migrating from the Browns River prior to construction.



396 – Step Pool Weir: Raising the tail-water eliminated the barrier to culvert.







410-Grade Stabilization
Structure – Check Dam





**410 – Grade Stabilization
structure or 468 – Lined
Waterway or Outlet**



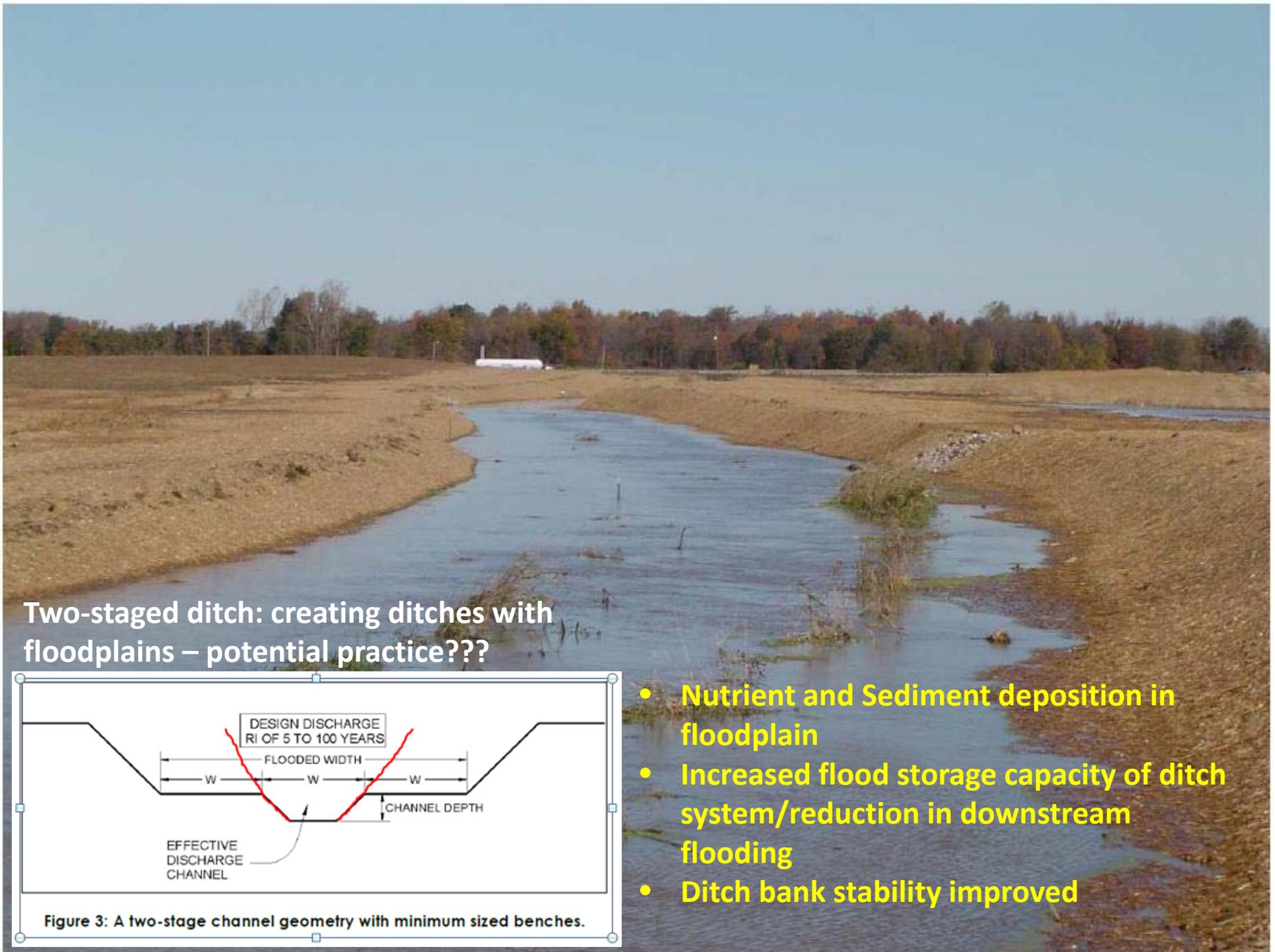


350 -Sediment Basin - Embankment earthen basin with pipe

Maintaining Sediment Traps

The best method of on going sediment control is to identify the source of sediment and whenever possible, implement out-of-watercourse practices or controls to prevent sedimentation from occurring.





Two-staged ditch: creating ditches with floodplains – potential practice???

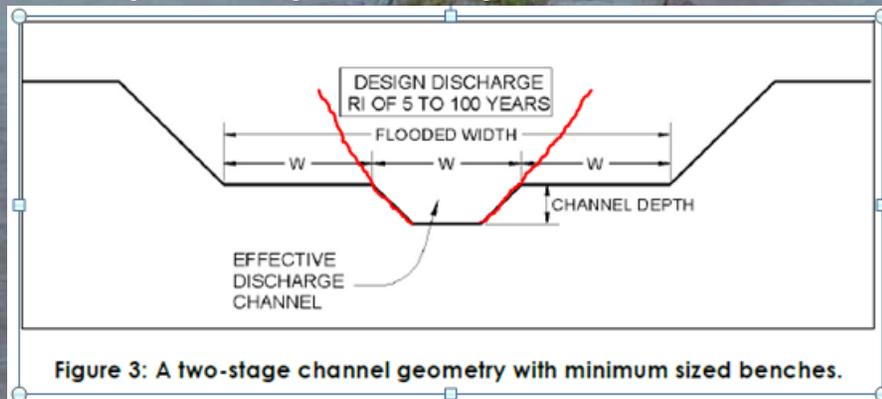


Figure 3: A two-stage channel geometry with minimum sized benches.

- **Nutrient and Sediment deposition in floodplain**
- **Increased flood storage capacity of ditch system/reduction in downstream flooding**
- **Ditch bank stability improved**