Steigerwald Floodplain Restoration Project
Steigerwald Floodplain Restoration Project — Current Features

- Gibbons Cr. Diversion & Elevated Channel
- BNSF Railroad
- Hwy 14
- Fish Ladder
- Pump Station
- Levee

[Map of the project area with marked features]
Steigerwald Floodplain Restoration Project – Concept Design

For Reference:
- 2-year flood elevation is 23.7 ft NAVD88
- 100-year flood elevation is 30 ft NAVD88
- 500-year flood is 38 ft NAVD88
- Existing levee crest elevation is 45 to 45.8 ft NAVD88
Steigerwald Floodplain Restoration Project – Concept Design

- New Levee
- Existing Levee
- Parking
- SR 14 Raised
- WWTP
1. Remove reed canarygrass and blackberry (spring/summer)
2. Place fish habitat logs (Sept/Oct)
3. Plant native shrubs and trees (winter)
Steigerwald Floodplain Restoration Project

Future Project Schedule:
1. Final Permit Application Submitted to Corps: June 2019
2. Alluvial Fan Restoration (Summer/Fall/Winter 2019)
3. Complete Real Estate Transactions (Winter 2019/2020)
   a. 2020 – Work primarily in northern portion of project area
      • Reroute Gibbons Creek (N of SR 14)
      • Build flood wall (N of SR 14)
      • Relocate parking area
      • Raise SR14
   b. 2021 – Majority of construction
      • Construct setback levees
      • Construct connection channels
      • Remove 2.2 miles of existing levee
      • Construct new trail system
      • Remove rip-rap, Gibbons Cr diversion, fish ladder, maintenance road, etc.
Steigerwald Floodplain Restoration Project — **Budget**

- **Design & Permitting:** $5M
  - BPA (100%)

- **Construction:**
  - Floodplains by Design - $4.6M secured
  - USFWS/FHWA - $1.1M secured
  - BPA - TBD
Steigerwald Floodplain Restoration Project

For Additional Information Please Visit BPA’s website at:

https://www.bpa.gov/efw/Analysis/NEPADocuments/Pages/Steigerwald_Floodplain_Restoration.aspx