1. **Development in River Corridor**

Structure built in river corridor is vulnerable to damage as the river channel changes over time.

2. **Flooding Event**

Structure in river corridor is flooded during high water (flooding) event.

3. **Attempt to Protect Property after Flooding**

In an attempt to prevent property damage, physical barriers are erected. As a result, the river is confined and flows faster, scouring and deepening the channel and eroding the banks downstream.

4. **Unintended Damage**

The deeper river channel and faster water flow caused by encroachment eventually leads the bank to collapse during a high water event. Structures in the river corridor are lost or damaged.

5. **Reduced Flood Risk**

The energy from scouring water redistributes sediments and establishes a new floodplain. With room in the river corridor for the river to move and to flood, property damage is reduced.

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**Why Protect River Corridors?**