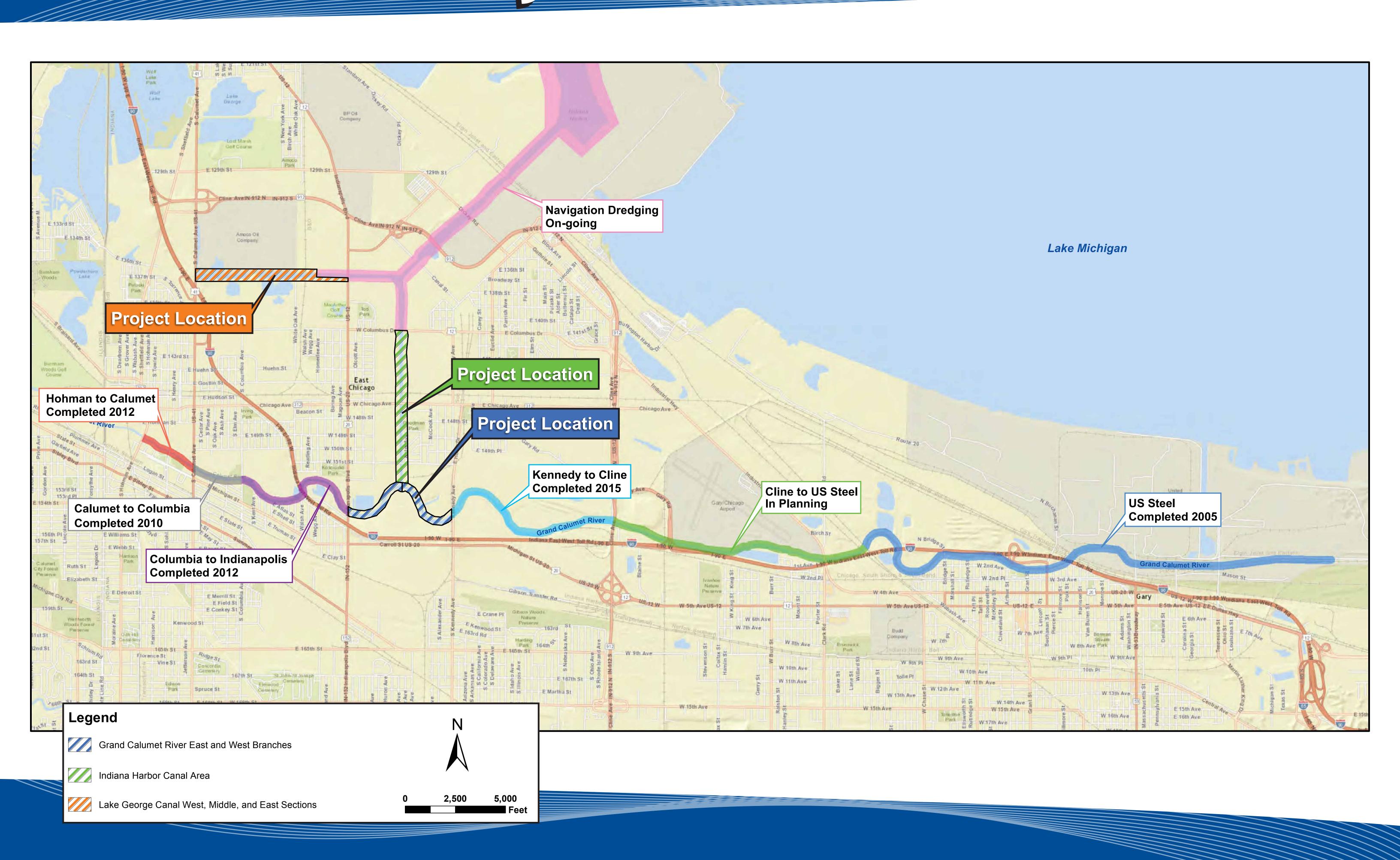


Overall Project Area







Proposed Cleanup Alternatives



Alternative 1: No action

A "no action" alternative is required to establish a baseline for comparison. Under this alternative, no action would be taken to clean up the waterways.

Alternative 2: Removal of Contaminated Sediment

- Sediment would be dredged hydraulically
- Floating equipment would be used to remove and transport sediment through a pipeline to a drying area
- Sediment would then be transferred to an off-site landfill

Alternative 3: Containment

- Several types of capping materials would be used, depending on the conditions of the area, to capture and impede the movement of contaminants
- Containment cap
 - » Could include materials like clean sand and clay or an activated carbon layer covered by a protective layer of gravel
 - » Prevents erosion
- Multi-layer reactive cap
 - » A containment cap that also includes a layer of reactive material

Alternative 4: Removal with Containment

- A combination of dredging and disposal of impacted sediment and containment of the remaining sediment
 - » Removal as described in Alternative 2 would occur in areas where contaminant concentrations are too high or a steep slope would prevent a containment system to be installed
 - » A containment cap or multilayer reactive cap as described in Alternative 3



Hydraulic Dredging



Placing Sand Cap

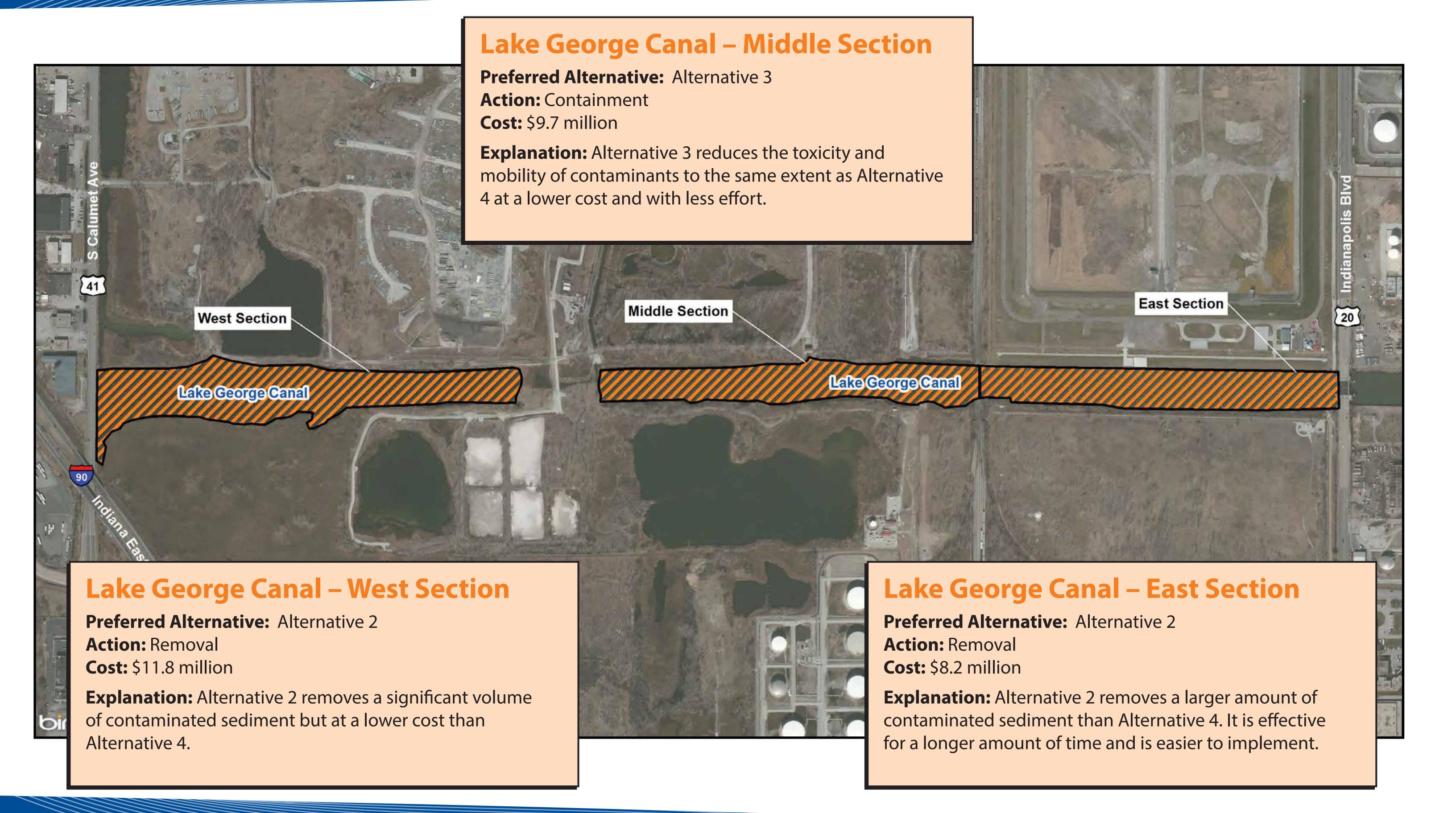


Placing Sand Cap Detail



Lake George Canal







Indiana Harbor



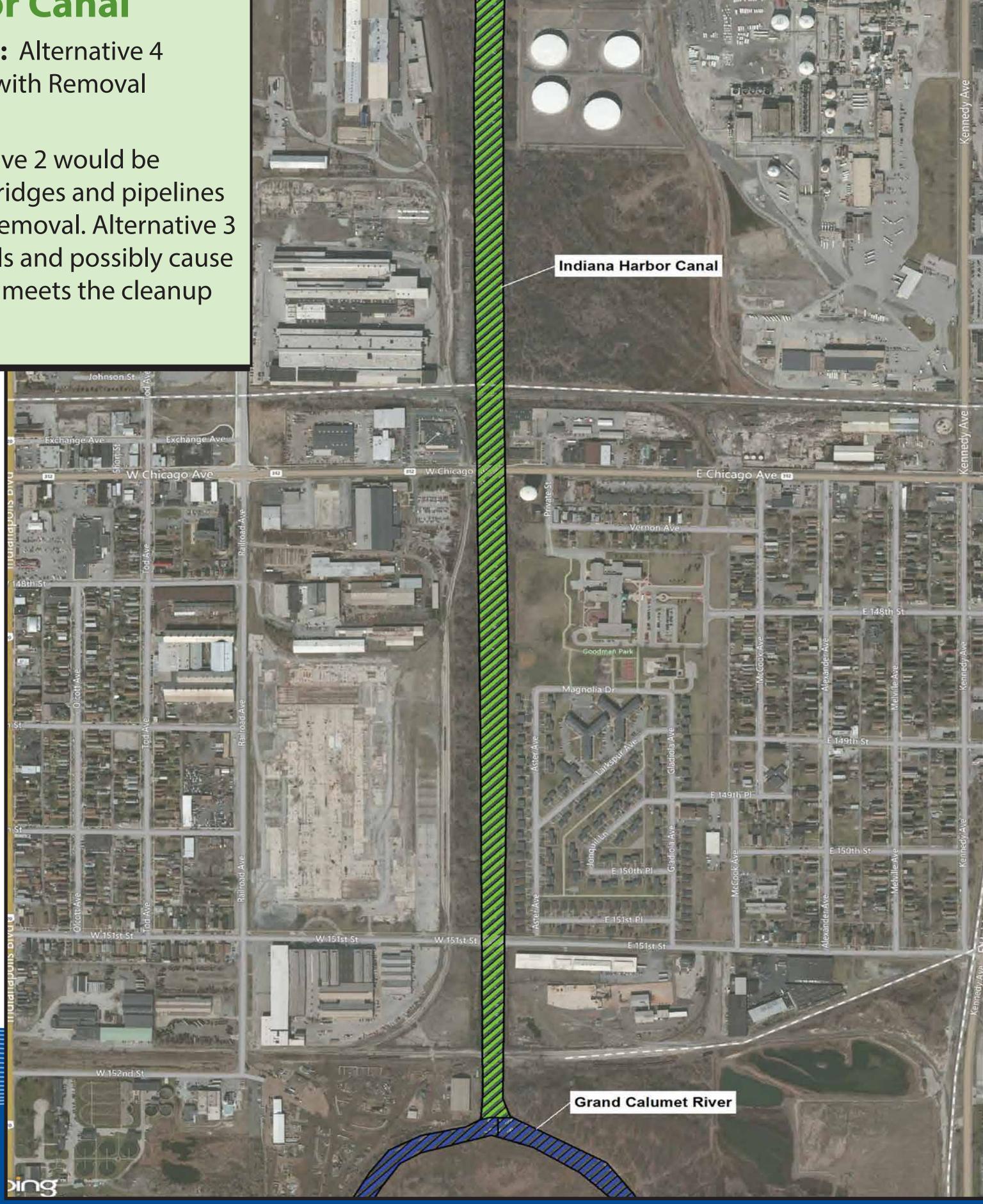
Indiana Harbor Canal

Preferred Alternative: Alternative 4 **Action:** Containment with Removal

Cost: \$15 million

Explanation: Alternative 2 would be difficult because the bridges and pipelines complicate sediment removal. Alternative 3 would raise water levels and possibly cause flooding. Alternative 4 meets the cleanup

goals for this area.

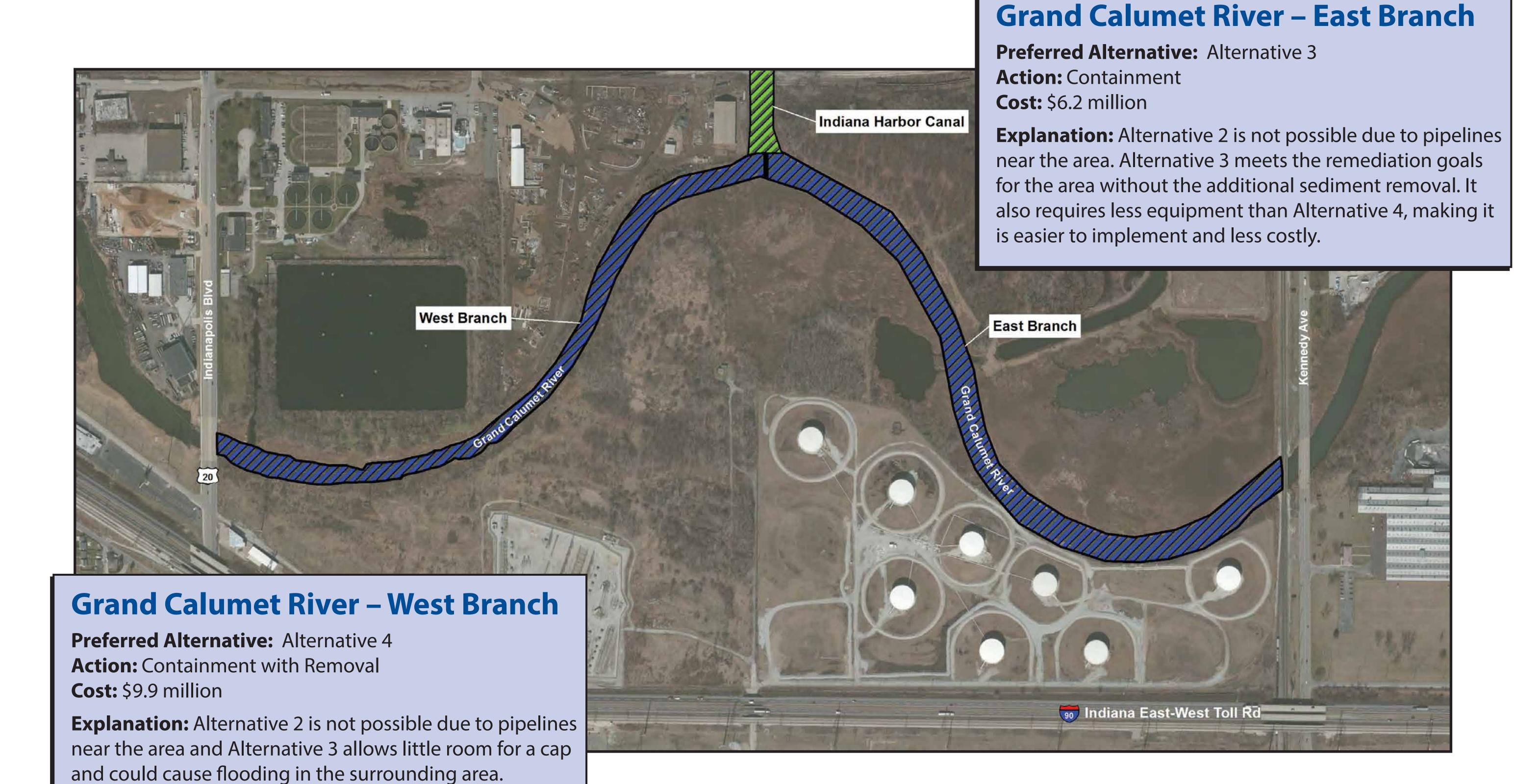




Alternative 4 meets the cleanup goals for this area.

Grand Calumet River







Community Comments



