

## ALTERNATIVE 5

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Items or Concerns	Site A: Hebert Canal	Site B: Meaux's Ditch	School Board Levee	Agnes Plantation
	Install water control structure	Install water control structure	Reinforce levee between the two control structures 1.5 miles	Raise Agnes Plantation Rd near areas closest to Vermilion river
	Location: Approx. 1.7 miles South of existing Hebert Canal structure	Location: Meaux's Ditch and LA 333	Location: South of School Board Property Rd	Location: Along the Northern Boundary of the Little Bayou-Vermilion River watershed, South of Vermilion River along Agnes Plantation Rd.
<b>Fisheries</b>	The area that may be affected by elevating the existing Agnes Plantation Road could be minor if the existing road is high enough to prevent water movement and fisheries access westward from the Vermilion River. However, there could be fisheries impacts if the existing road currently contains breaks which would allow regular Vermilion River overflow to enter the area marshes, if indeed the area adjacent to the road consists of marshes. Elevating that road could also cause marshes west of that road to become impounded if adequate drainage is not provided.			
<b>Wetland</b>	The proposed road raising of Agnes Plantation Road should not adversely impact wetlands as most of the habitat adjacent to the road is classified as non-wetland agricultural property. There are, however, small portions of freshwater forested/shrub wetland (PFO1A) that border the road. Construction and ground disturbance could result in the introduction or spread of invasive vegetation into adjacent wetland and riparian habitats. These areas would need to be delineated to determine the extent of wetland boundaries and avoided during the construction process. Any impacts to these wetland areas would result in a loss of wetland function and require mitigation to offset those losses.			