

Arkadelphia Bypass

ARDOT No. 070442, Hwy. 67 - Hwy. 51 (Arkadelphia Bypass) P.E.
Environmental Impacts - Build Alternatives

Item #	Resource Category	Description	Potential Impacts									
			West Bypass Alternatives			East Bypass Alternatives			Hwy. 51 Interchange Alternatives			
			Alt A*	Alt B*	Alt H*	Alt D	Alt F	Alt G	Alt 1	Alt 1A	Alt 2	Alt 3
1	Preliminary ROW Cost Estimate	2019 Dollars	\$93,050	\$117,120	\$3,178,200	\$1,965,120	\$377,750	\$191,700	\$2,678,700	\$668,000	\$746,250	\$2,656,000
2	Preliminary Construction Cost Estimate	2019 Dollars	\$10,600,000	\$12,500,000	\$46,400,000	\$3,800,000	\$10,400,000	\$18,000,000	\$8,200,000	\$5,900,000	\$9,600,000	\$4,800,000
	Total Cost	2019 Dollars	\$10,693,050	\$12,617,120	\$49,578,200	\$5,765,120	\$10,777,750	\$18,191,700	\$10,878,700	\$6,568,000	\$10,346,250	\$7,456,000
3	Alternative Length	Miles	2.5	2.9	3.0	0.6	1.8	2.4	N/A	N/A	N/A	N/A
4	Total ROW Required	Acres	61.3	69.9	141.5	5.3	29.1	38.0	6.1	1.3	3.4	5.3
5	Residential Relocations	Number	0	0	6	4	3	1	18	0	0	3
6	Business Relocations	Number	0	0	6	10	2	2	4	1	1	5
7	Environmental Justice Areas Present	Number	0	0	1	1	1	0	1	0	0	1
8	Noise	Number of Affected of Receivers	0	0	22	8	0	0	0	0	0	0
9	Park Impacts	Number	0	0	0	0	1	0	0	0	0	0
10	Wetland Impacts	Acres	27.5	25.4	20.0	0.0	7.2	9.4	0	0	0.2	0
11	Stream Crossings	Number	5	3	12	1	3	3	0	0	0	0
12	Floodplains/Floodway	Acres	6.2	6.2	10.5	2.4	33.3	49.6	0	0	0	0
13	Federal Endangered and Threatened Species	Number of Species w/ Potential Habitat Impacts	4	4	4	2	3	10	2	2	3	2
14	Farmland Present	Acres	18.9	16.8	35.0	0.0	19.8	34.2	0	0	0	0
15	Hazardous Materials	Number of Known Sites	0	0	0	0	2	1	2	1	1	0
16	Public Comment	# pro / # con	27 / 10	24 / 9	N/A	29 / 12	13 / 16	20 / 13	12 / 17	N/A	15 / 11	11 / 17

*Alternatives' impacts do NOT include interchange options areas.