



# State Road 544 PD&E Study

District 1 Polk County  
Financial Project ID: 440273-1

from Martin Luther King Blvd. to State Road 17

Segment	No Build	Segment 1 - MLK Boulevard to North of Avenue Y		Segment 2 - North of Avenue Y to East of Lake Conine Canal		Segment 3 - East of Lake Conine Canal to East of Old Lucerne Park Road (west)		Segment 4 - East of Old Lucerne Park Road (west) to West of Lake Hamilton Canal		Segment 5 - West of Lake Hamilton Canal to West of Brenton Manor		Segment 6 - West of Brenton Manor to LaVista Drive		Segment 7 - LaVista Drive to SR 17		
		2 Lane Best Fit	3 Lane Best Fit	2L - Left Side Widening	2R - Right Side Widening	3L - Left Side Widening	3R - Right Side Widening	4L - Left Side Widening	4R - Right Side Widening	5L - Left Side Widening	5R - Right Side Widening	6L - Left Side Widening	6R - Right Side Widening	7L - Left Side Widening	7C - Centered Widening	7L - Right Side Widening
<b>Property Impacts</b>																
Parcels Impacted	0	16	36	7	9	11	11	17	19	17	13	14	13	23	34	21
Area of Impact (ac)	0	0.71	0.86	1.28	1.15	0.48	0.57	3.46	4.47	1.13	1.38	5.54	6.4	3.34	3.04	3.96
Residential Relocations	0	0	0	0	0	0	7	0	0	1	0	0	1	8	5	10
Business Relocations	0	2	2	0	0	0	0	0	0	1	8	0	0	0	0	0
<b>Natural, Environmental &amp; Physical Impacts</b>																
Potential Impacts to Species	None	Low	Low	Moderate	High	Moderate	Low	High	High	Low	Low	Moderate	Moderate	Low	Low	Low
Potential Contamination Sites	None	7	7	0	0	0	0	1	1	0	0	3	3	0	0	0
Wetland Impacts (ac)	0	0.00	0.00	1.04	0.00	0.00	0.47	2.15	2.98	0.10	0.00	1.47	0.63	0.00	0.00	0.00
Surface Water Impacts (ac)	0	0.17	0.17	0.04	0.03	0.10	0.00	1.04	0.23	0.02	0.04	0.00	0.05	0.00	0.00	0.00
Floodplain Impacts (ac)	None	0.00	0.00	0.91	0.42	0.95	1.16	12.50	12.00	0.05	0.05	2.81	1.71	0.00	0.00	0.00
Public Parks Impacted	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Potential Impacts to Archaeological / Historic Resources	None	Low / Low	Low / Moderate	Moderate / Low	Moderate / Low	Moderate / Low	Moderate / Moderate	Moderate / Low	Moderate / Low	Moderate / Moderate	Moderate / Low	Moderate / Moderate	Moderate / Moderate	Moderate / Moderate	Moderate / Moderate	Moderate / Moderate
Noise Impacts	None	6 residences, 1 church	12 residences, 3 churches	13 residences	13 residences	46 residences	51 residences	32 residences, 1 community pool	39 residences; 1 community pool	7 residences	5 residences	2 residences	2 residences	40 residences; 2 churches; 1 school	40 residences; 2 churches; 1 school	40 residences; 2 churches; 1 school
<b>Estimated Costs in Millions (Present Day Costs)</b>																
Design	No Cost	\$499,000	\$543,000	\$1,252,000	\$1,252,000	\$1,952,000	\$1,952,000	\$4,689,000	\$4,689,000	\$1,078,000	\$1,078,000	\$2,179,000	\$2,179,000	\$819,000	\$819,000	\$819,000
Right of Way	No Cost	\$2,430,000	\$3,025,000	\$1,246,600	\$1,277,900	\$757,000	\$1,151,500	\$3,593,500	\$4,679,200	\$1,518,500	\$2,585,200	\$5,087,700	\$6,942,300	\$6,270,000	\$5,560,000	\$6,440,000
Reimbursable Utility Relocation	No Cost	\$0	\$0	\$8,300	\$8,300	\$0	\$0	\$4,000	\$12,600	\$0	\$9,800	\$48,100	\$25,900	\$0	\$0	\$0
Non-Reimbursable Utility Relocation	No Cost	\$1,962,600	\$1,982,100	\$3,745,700	\$3,745,700	\$3,072,600	\$2,907,300	\$2,517,700	\$3,011,100	\$1,422,100	\$848,600	\$3,148,200	\$1,871,100	\$1,513,500	\$885,200	\$1,433,900
Wetland Mitigation	No Cost	\$0	\$0	\$140,400	\$0	\$0	\$63,450	\$290,250	\$402,300	\$13,500	\$0	\$198,400	\$85,000	\$0	\$0	\$0
Roadway Construction	No Cost	\$3,325,900	\$3,621,800	\$8,347,200	\$8,347,200	\$13,013,100	\$13,013,100	\$31,257,400	\$31,257,400	\$7,184,600	\$7,184,600	\$14,526,800	\$14,526,800	\$5,459,000	\$5,459,000	\$5,459,000
Construction Engineering & Inspection	No Cost	\$333,000	\$362,000	\$835,000	\$835,000	\$1,301,000	\$1,301,000	\$3,126,000	\$3,126,000	\$718,000	\$718,000	\$1,453,000	\$1,453,000	\$546,000	\$546,000	\$546,000
<b>Total Cost</b>	<b>No Cost</b>	<b>\$6,588,000</b>	<b>\$7,552,000</b>	<b>\$11,830,000</b>	<b>\$11,720,000</b>	<b>\$17,023,000</b>	<b>\$17,481,000</b>	<b>\$42,960,000</b>	<b>\$44,167,000</b>	<b>\$10,513,000</b>	<b>\$11,576,000</b>	<b>\$23,493,000</b>	<b>\$25,212,000</b>	<b>\$13,094,000</b>	<b>\$12,384,000</b>	<b>\$13,264,000</b>

## Roadway Evaluation Matrix