

Franklin County Water District (FCWD)		2016			2017			2018			2019		
		April	Aug.	Dec.	April	Aug.	Dec.	April	Aug.	Dec.	April	Aug.	Dec.
Estimated Spillway Modification Schedule													
A	Pre-Engineering Tasks	4 Mo.											
1	Existing Spillway vs. Design Comparison												
2	Lakeside Homes Elevation Survey												
2.1	Elevation Survey of Lakeside Homes												
2.2	Statistical Analysis and Results												
B	Preliminary Engineering Report (PER)	8 Months											
1	Choice of Alternatives												
2	Determination of Feasibility												
2.1	Determination of Hydraulic Impacts												
2.2	Evaluation of Political Implications												
2.3	Evaluation of Legal Implications and Risk												
2.4	Regulatory Permitting Evaluation												
3	Opinion of Probable Construction Cost (OPCC)												
3.1	Benefit-Cost Analysis												
4	Overall Project Feasibility and Recommendations												
C	FCWD Evaluation and Alternative Selection	6 Months											
1	Alternative Selection												
2	Grant Applications (as necessary)												
3	Financial Evaluation and Preparation for Funding												
D	Permitting	8 Months											
E	Design	8 Months											
1	Phased Design Submittal												
1.1	30% Design Drawings												
1.2	90% Design Drawings												
3	Final Design												
F	Construction	10 Months											
1	Project Bidding and Mobilization												
3	Construction												
G	Close-Out and As-Built Drawings	2 Mo.											
H	Continued Evaluation and Future Monitoring	Perpetuity											

In examining tasks with regard to schedule, because this estimate is for the purpose of planning, estimated tasks are based on engineering judgment and historical knowledge. Also, the time to complete each task should be considered high-level and subject to change as detailed information (survey, environmental, permitting, funding, costs, etc.) is developed. Methods of analysis used in the development of this timeline are consistent with a planning level of this detail. The time required to complete tasks to modify the spillway is intended only as 1) a guide for preliminary and follow-on detailed engineering and 2) a basis for preliminary estimate of time to complete the intended modifications. While procedures consistent with this schedule estimate are generally employed, approximations and engineering judgment was used because of the planning level nature of this exercise and the unpredictability of specific tasks.