

Appendix B MKARNS Prior Design Memorandums and Supplements

<u>Memorandum</u>	<u>Date Submitted</u>	<u>Date Approved</u>	<u>Description</u>
Norrell Lock and Dam No. 1			
Design Memorandum No. 1	25-May-62	15-Aug-62	Access and Service Facilities (Locks and Dams Nos. 1 and 2)
Design Memorandum No. 1 Revision	30-Nov-62	7-Feb-63	Revision for DM 1. Access and Service Facilities (Locks and Dams Nos. 1 and 2)
Design Memorandum No. 2	27-Jun-62	31-Oct-62	General
Design Memorandum No. 3	29-Aug-62	18-Dec-62	Real Estate
Design Memorandum No. 3 Supplement 1	4-Oct-63	16-Jan-64	Supplement 1 (revised) for DM. 3 Real Estate for Detour Roads
Design Memorandum No. 3 Supplement 2	24-Oct-63	29-Oct-63	Supplement 2 for DM. 3 Real Estate for Work Area
Design Memorandum No. 4-1	13-Dec-62	20-Mar-63	Culvert-Valve Operating Machinery and Hydraulic Controls for Low-Lift Locks
Design Memorandum No. 4-2	17-Dec-62	17-Mar-63	Lock and Dam
Design Memorandum No. 4-3	16-Oct-63	7-Dec-64	Interlock Communications System Radio and Telephone
Design Memorandum No. 4-3 (Revised)	17-Oct-64	8-Dec-64	Revised Interlock Communication System Radio and Telephone
Design Memorandum No. 5	14-Mar-63	15-May-63	Construction Materials (Lock and Dam Nos. 1 and 2)
Design Memorandum No. 7	30-Apr-65	21-Apr-66	Master Plan (Locks and dams Nos. 1, 2, 3, and 4)
Design Memorandum No. 7 Supplement 1	4-Aug-67	22-Aug-67	Deferred Construction of Recreational Facilities
Design Memorandum No. 7 Supplement 2	6-Mar-68	7-Jun-68	Site Layout and Access Road to Ste. Marie Public Use Area
Design Memorandum No. 7 Supplement 3	2-Mar-72	23-Aug-73	Complete Master Plan Revision
Design Memorandum No. 7 Supplement 4	15-Feb-73	Disapproved 30-Mar-73	Change Boyd Point Park to "Initial" and Sheppard Island to "Future"
Design Memorandum No. 7 Supplement 5	29-Oct-73	5-Dec-73	Launching Ramp at Right Bank Notrebbs Bend Park
Design Memorandum No. 7 Supplement 6	28-Feb-74	19-Jun-74	Rising Star, Trulock and Merrisach Parks
Design Memorandum No. 7 Supplement unknown	18-Mar-74	10-May-74	Typical Park Entrance Concept Plan for Little rock District Parks
Design Memorandum No. 7 Supplement Unknown	28-Aug-74	17-Sep-74	Electrical Outlets for Campsites - Arkansas River Parks
Design Memorandum No. 8	Jan-76	--	Updated Master Plan (Norrell Lock and Dam, Locks and Dams Nos. 2, 3, 4, 5, and David D. Terry Lock and Dam)
Design Memorandum No. 10	22-Aug-62	26-Oct-62	Preliminary Master Plan (Supplement No. 1)
Lock No. 2 and Wilbur D. Mills Dam No. 2			
Design Memorandum No. 1	21-Oct-62	17-Apr-63	General
Design Memorandum No. 1 Supplement 2	1-Jul-63	28-Jan-64	Fish and Wildlife
Design Memorandum No. 1 Letter Report	24-May-63	30-Jul-63	Access Roads and Bridge Approach
Design Memorandum No. 2-1	10-Dec-63	21-Jan-64	Dam Site, Work Area, Access Roads, Navigation Canal, And Morgan Point Cutoff
Design Memorandum No. 2-1 Supplement 1	4-Sep-64	16-Sep-64	Land for Construction Material Storage
Design Memorandum No. 2-1 Supplement 2	15-Jun-66	2-Sep-66	Spoil Area
Design Memorandum No. 2-2	10-Sep-64	18-Dec-64	Navigation Pool
Design Memorandum No. 2-2 Supplement 1	7-Mar-70	--	Navigation Base Line Markers
Design Memorandum No. 2-3	7-Oct-66	31-Mar-67	Dredging, Pools 2-5 and David D. Terry Lake
Design Memorandum No. 3	19-Mar-63	18-Jun-63	Navigation Lock
Design Memorandum No. 4	8-Oct-63	24-Dec-63	Dam
Design Memorandum No. 4 Supplement 1	10-Apr-68	27-Aug-68	Additional Overflow Embankment Protection
Design Memorandum No. 5	26-Jun-63	17-Sep-63	Plans for Extreme HW Maintenance
Design Memorandum No. 6	7-May-63	w/h	Cathodic Protection for Lock Facilities
Design Memorandum No. 7-1	17-Jun-64	15-Jul-64	Arkansas State Highway 169
Design Memorandum No. 7-2	10/28/1663	21-Jan-64	Arkansas County Roads
Design Memorandum No. 8	21-Jan-64	9-Apr-64	Corrosive Characteristics of Arkansas River Water and Recommended Protective Measures for Hydraulic Structures (Locks and Dams Nos. 1-13)
Design Memorandum No. 8 Supplement 1	15-Jul-64	28-Aug-64	Supplement 1
Design Memorandum No. 9	25-Jun-65	30-Jul-65	Bayou Meto Flood Gate Protection
Design Memorandum No. 10	15-Mar-66	26-Jul-66	Channels and Canals (Dredging, Pools 2-5 and David D. Terry Lake)

<u>Memorandum</u>	<u>Date Submitted</u>	<u>Date Approved</u>	<u>Description</u>
Design Memorandum No. 10 Supplement 1	11-Apr-63	17-Feb-64	Preliminary Master Plan, Supplement 1
Design Memorandum No. 11	7-Jun-65	9-Sep-65	Reservoir Clearing, Pool 2
Design Memorandum No. 12	3-Jun-66	20-Jul-66	Widening Morgan Point Cutoff Pilot Channel
Reference Design Memorandums			
Design Memorandum No. 1 (L&D 1)	25-May-62	15-Aug-62	Access and Service Facilities (Locks and Dams Nos. 1 and 2)
Design Memorandum No. 5 (L&D 1)	14-Mar-63	15-May-63	Construction Materials (Lock and Dam Nos. 1 and 2)
Design Memorandum No. 7 (L&D 1)	30-Apr-65	21-Apr-66	Master Plan (Locks and dams Nos. 1, 2, 3, and 4)
Design Memorandum No. 8 (L&D 1)	1-Jan-76	--	Updated Master Plan (Norrell Lock and Dam, Locks and Dams Nos. 2, 3, 4, 5, and David D. Terry Lock and Dam)
Design Memorandum No. 8 Supplement No. 2	6-Sep-77	DENIED	Provide one additional boat launching lane at Merrisach Lake and Pendleton Bend Parks on the initial recreational development program.
Design Memorandum No. 8 Supplement No. 3	22-Nov-86	13-Dec-86	Update site plan to indicate existing recreational development. No site plans to follow unless incorporated into main document.
Design Memorandum No. 8 Supplement No. 4	4-May-94	17-May-94	Redesignate a portion of Pendleton Bend Park(Plate 8A of Supplement No. 3) to Wilbur D. Mills Park.
Design Memorandum No. 8 Supplement No. 5	15-Mar-95	24-Mar-95	Indicate the location of a relocated entrance area for Wilbur D. Mills Park.
Joe Hardin Lock and Dam No. 3			
Design Memorandum No. 1	30-Apr-63	8-Jul-63	General
Design Memorandum No. 1 Supplement 1	2-Mar-65	12-Apr-65	Not Submitted
Design Memorandum No. 1 Supplement 2	2-Mar-65	12-Apr-65	Groundwater Effects
Design Memorandum No. 1 Supplement 3	8-Jun-64	8/32/1964	Provisions for Future Highway Crossings
Design Memorandum No. 1 Supplement 4	4-Mar-70	--	(Info on Seepage)
Design Memorandum No. 2	28-Feb-63	13-May-63	Access and Service Facilities
Design Memorandum No. 3-1	9-Aug-63	11-Oct-63	Dam Site, Work Area, and Access Roads
Design Memorandum No. 3-1 Supplement 1	6-Dec-63	20-Dec-63	Land for Borrow Area
Design Memorandum No. 3-1 Supplement 2	8-Nov-65	23-Nov-65	Additional Land for Borrow Area
Design Memorandum No. 3-2	4-Dec-64	26-Feb-65	Navigation Pool
Design Memorandum No. 3-2 Supplement 1	24-Sep-68	18-Oct-68	Sign and Arrival Post Sites
Design Memorandum No. 4	6-Sep-63	28-Oct-63	Construction Materials (Locks and Dam No. 3, 4, and 5)
Design Memorandum No. 5	28-Aug-63	2-Dec-63	Lock
Design Memorandum No. 6	10-Dec-63	10-Feb-64	Dam
Design Memorandum No. 7	31-Jan-66	23-Mar-66	Clearing (Locks and Dams Nos. 3, 4, 5, and David D. Terry Lake)
Reference Design Memorandums			
Design Memorandum No. 2-3 (L&D 2)	7-Oct-66	31-Mar-67	Dredging, Pools 2-5 and David D. Terry Lake
Design Memorandum No. 7 (L&D 1)	30-Apr-65	21-Apr-66	Master Plan (Locks and dams Nos. 1, 2, 3, and 4)
Design Memorandum No. 8 (L&D 1)	Jan-76	--	Updated Master Plan (Norrell Lock and Dam, Locks and Dams Nos. 2, 3, 4, 5, and David D. Terry Lock and Dam)
Design Memorandum No. 10 (L&D 2)	15-Mar-66	26-Jul-66	Channels and Canals (Dredging, Pools 2-5 and David D. Terry Lake)
Design Memorandum No. 10 (PDM)	22-Aug-62	26-Oct-62	Preliminary Master Plan (Supplement No. 1)
Emmett Sanders Lock and Dam No. 4			
Design Memorandum No. 1	21-Mar-63	15-Oct-63	Boyd Point Cutoff
Design Memorandum No. 1 Supplement 2 (PDM No. 10)	14-Apr-63	24-Mar-64	Master Plan, Supplement 2
Design Memorandum No. 2	16-Jul-63	26-Sep-63	General
Design Memorandum No. 2 Supplement 1	6-Apr-64	14-May-64	Provisions for Future Highway Crossing
Design Memorandum No. 2 Supplement 2	29-Jul-66	19-Aug-66	St. Louis Southwestern Lines Gravity Yard
Design Memorandum No. 3	18-Jul-63	8-Oct-63	Access and Service Facilities

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Design Memorandum No. 3 Supplement 1	23-Oct-63	8-Jan-64	Resident Office
Design Memorandum No. 4	15-Jan-64	27-Apr-64	Lock
Design Memorandum No. 5-1	5-Mar-65	18-May-65	St. Louis Southwestern Railroad Bridge, Rob Roy, Navigation Aids
Design Memorandum No. 5-1A	10-Jun-66	1-Sep-66	St. Louis Southwestern Railroad and Western Union Telegraph Lines, Rob Roy Bridge
Design Memorandum No. 5-1A Supplement 1	8-Aug-66	1-Sep-66	Traffic During Construction
Design Memorandum No. 5-2	29-Jul-66	14-Oct-66	U.S. Highway 79 Bridge
Design Memorandum No. 5-3	3-Nov-66	10-Mar-67	Lake Pine Bluff
Design Memorandum No. 5-4B	30-Mar-65	29-Apr-65	St. Louis Western Railroad and Western Union Telegraph Line, Plum Bayou Bridge
Design Memorandum No. 6-1	17-Oct-63	5-Feb-64	Lock and Dam Site, Work Area, and Access Roads
Design Memorandum No. 6-1 Supplement 1	2-Jul-64	26-Aug-64	Borrow Area
Design Memorandum No. 6-1 Supplement 2	1-Mar-67	3-Apr-67	Real Estate, Marine Terminals
Design Memorandum No. 6-2	8-Jan-65	27-Apr-65	Navigation Pool
Design Memorandum No. 7	7-May-64	27-Jul-64	Dam
Design Memorandum No. 8	24-Mar-65	22-Apr-65	Harding Drain, Pine Bluff, Arkansas
Design Memorandum No. 9	29-Apr-65	27-May-65	Harding Drain Relocation, Pine Bluff Arkansas
Design Memorandum No. 10	19-Nov-65	12-Jan-65	Harding Drain, Real Estate
Letter Report	14-Aug-64	19-Nov-64	Pine Bluff Outfall Sewer, Relocation
Letter Report	12-Nov-64	9-Mar-65	Plum Bayou Diversion
Design Memorandum No. 11 Part 1	3-Nov-67	1-Mar-68	Alteration to Drainage Structures Pools 4, 5, and David D. Terry
Design Memorandum No. 11 Part 2	12-Apr-68	16-Jul-68	Drainage Structures Alteration Pools 7, 8, and 9
Reference Design Memorandums			
Design Memorandum No. 2-3 (L&D 2)	7-Oct-66	31-Mar-67	Dredging, Pools 2-5 and David D. Terry Lake
Design Memorandum No. 4 (L&D 3)	6-Sep-63	28-Oct-63	Construction Materials (Locks and Dam No. 3, 4, and 5)
Design Memorandum No. 7 (L&D 1)	30-Apr-65	21-Apr-66	Master Plan (Locks and dams Nos. 1, 2, 3, and 4)
Design Memorandum No. 8 (L&D 1)	Jan-76	--	Updated Master Plan (Norrell Lock and Dam, Locks and Dams Nos. 2, 3, 4, 5, and David D. Terry Lock and Dam)
Design Memorandum No. 7 (L&D3)	31-Jan-66	23-Mar-66	Clearing (Locks and Dams Nos. 3, 4, 5, and David D. Terry Lake)
Design Memorandum No. 10 (L&D 2)	15-Mar-66	26-Jul-66	Channels and Canals (Dredging, Pools 2-5 and David D. Terry Lake)
Design Memorandum No. 10 (L&D PDM)	22-Aug-62	26-Oct-62	Preliminary Master Plan (Supplement No. 1)
Colonel Charles D. Maynard Lock and Dam No. 5			
Design Memorandum No. 1	6-Jan-74	27-Apr-64	General
Design Memorandum No. 1 Supplement 1	30-Mar-64	13-May-64	Modification of Lock and Dam Design and Alinement
Design Memorandum No. 2	6-Nov-63	27-Feb-64	Access and Service Facilities
Design Memorandum No. 2 Supplement 1	26-Mar-64	30-Apr-64	Access Road Profile
Design Memorandum No. 2 Supplement 2	17-Nov-64	14-Nov-64	Protection of Arkansas Louisiana Gas Pipe Line
Design Memorandum No. 3	27-Aug-64	10-Dec-64	Lock
Design Memorandum No. 3 Supplement 1	14-Oct-64	10-Dec-64	Construction Sequence
Design Memorandum No. 4-1	7-Jan-64	1-Apr-64	Dam Site, Work Area, and Access Roads
Design Memorandum No. 4-2	31-Mar-65	8-Jul-65	Pool Area
Design Memorandum No. 5	9-Sep-64	30-Nov-64	Dam
Design Memorandum No. 5 Supplement 1	14-Oct-64	10-Dec-64	Construction Sequence
Design Memorandum No. 6	10-Nov-66	21-Aug-67	Master Plan (Locks and dams Nos. 5, 7, and David D. Terry Lake)
Design Memorandum No. 6 Supplement 1	2-Mar-67	21-Apr-67	Overlook Facility, Lock and Dam No. 7
Design Memorandum No. 6 Supplement 3	31-May-68	17-Jun-68	Willow Beach Public Use Area

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Design Memorandum No. 6 Supplement 4	22-Aug-69 23-Jan-69 Rev	18-Nov-70	David D. Terry Dam Site Public Use Area
Design Memorandum No. 6 Supplement 5	16-Jul-70	Disapproved 26-Mar-71	Maumelle Pubic Use Area
Design Memorandum No. 6 Supplement 6	5-May-72 19-Apr-73 Rev 1-May-74 Rev	16-May-73 24-May-74	Complete Master Plan Revision
Design Memorandum No. 6 Supplement 7	4-Oct-72	22-Feb-73	Dam Site 5 Park
Design Memorandum No. 6 Supplement 8	18-Jun-73	11-Jul-73	Maumelle Park
Design Memorandum No. 6 Supplement 9	22-Jun-73	11-Jul-73	Murray Dam
Design Memorandum No. 6 Supplement 10	13-Mar-74	10-May-74	Tar Camp park
Design Memorandum No. 6 Supplement Unknown	18-Mar-74	10-May-74	Typical Park Entrance Concept Plan
Design Memorandum No. 6 Supplement Unknown	29-Aug-74	17-Sep-74	Electrical Outlets for Campsites - Arkansas River Parks
Design Memorandum No. 6 Supplement Unknown	18-Oct-73	14-Feb-74	Appendix E, Project Safety Plan
Design Memorandum No. 8	28-Oct-65	27-Jan-66	Remedial Drainage, Upper Plum Bayou Leveed Area
Design Memorandum No. 10	5-Mar-64	4-Jan-65	Preliminary Master Plan, Supplement No. 3(Locks and Dams Nos. 5, 6, and 7)
Reference Design Memorandums			
Design Memorandum No. 2-3 (L&D 2)	7-Oct-66	31-Mar-67	Dredging, Pools 2-5 and David D. Terry Lake
Design Memorandum No. 4 (L&D 3)	6-Sep-63	28-Oct-63	Construction Materials (Locks and Dam No. 3, 4, and 5)
Design Memorandum No. 8 (L&D 1)	Jan-76	--	Updated Master Plan (Norrell Lock and Dam, Locks and Dams Nos. 2, 3, 4, 5, and David D. Terry Lock and Dam)
Design Memorandum No. 8 Supplement No. 1	18-Mar-77	24-Jun-77	Provide remedial landscaping work in the vicinity of the handicapped fishing platform, fishing berm, and parking area at Murray Damsite Park.
Design Memorandum No. 7 (L&D3)	31-Jan-66	23-Mar-66	Clearing (Locks and Dams Nos. 3, 4, 5, and David D. Terry Lake)
Design Memorandum No. 10 (L&D 2)	15-Mar-66	26-Jul-66	Channels and Canals (Dredging, Pools 2-5 and David D. Terry Lake)
David D. Terry Lock and Dam No. 6			
Design Memorandum No. 1	10-Dec-63	22-Apr-64	General
Design Memorandum No. 1 Supplement 1	31-Jul-64	5-Oct-64	Pool Elevations and Pertinent Data
Design Memorandum No. 2	2-Dec-63	27-Feb-64	Access and Service Facilities
Design Memorandum No. 3	8-Nov-63	10-Jan-64	Construction Materials (David D. Terry Lock and Dam and Lock and Dam No. 7)
Design Memorandum No. 4-1	10-Dec-63	21-Apr-64	Dam Site , Work Area, and Access Roads
Design Memorandum No. 4-1 Supplement 1	21-May-64	27-Jul-64	Materials and Storage Area
Design Memorandum No. 4-1 Supplement 2	22-Apr-66	13-Jul-66	Additional Borrow Areas
Design Memorandum No. 4-2	10-Sep-65	21-Dec-65	Navigation Pool
Design Memorandum No. 4-2 Supplement 1	8-Dec-66	10-Jan-67	Land Acquisition for Clearing Banks of Fourche Creek
Design Memorandum No. 5	24-Jul-64	26-Oct-64	Lock
Design Memorandum No. 6	29-Jul-64	23-Oct-64	Dam
Letter Report	22-Oct-64	30-Oct-64	Additional Studies of Soils Under Dam
Design Memorandum No. 7-1A	15-Mar-67	27-Apr-67	Rock Island Bridge at Little Rock
Design Memorandum No. 7-1A Supplement No. 1	16-Oct-67	1-Nov-67	Stress Sheets, Specifications, and Criteria for Rock Island Railroad Bridge.
Design Memorandum No. 7-1C	13-Aug-65	5-Nov-65	Missouri Pacific Railroad Junction Bridge
Design Memorandum No. 7-1C Supplement No. 1	19-May-66	8-Aug-66	Bridge Automation
Design Memorandum No. 7-1C Supplement No. 2	6-Sep-66	27-Oct-66	Shoofly for Junction and Baring Cross Bridges
Design Memorandum No. 7-1D	14-Sep-66	12-Dec-66	Main Street, Broadway, and U.S. Highway 64 Bridges
Design Memorandum No. 7-1D Supplement No. 1	29-Dec-67	21-Mar-68	Relocation and Extension of Main St. and Bwy. Brs.

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Design Memorandum No. 7-1D Supplement No. 2	3-Apr-68	16-Aug-68	U.S. Hwy. 64 Bridge
Design Memorandum No. 7-1F	15-Aug-66	21-Nov-66	Missouri Pacific Railroad Company and Western Union Telegraph Lines - Baring Cross Bridge
Design Memorandum No. 7-1F Supplement No. 1	24-Jan-68	14-Feb-68	Stress Sheets, Specs, etc., Baring Cross Br.
Design Memorandum No. 7-1G	26-Jul-67	31-Aug-67	Interstate 30 Highway Bridge Pier Protection
Design Memorandum No. 7-2D	31-Aug-64	2-Nov-64	Arkansas Power and Light Company, Power Lines
Design Memorandum No. 7-2D Supplement No. 1	25-Aug-67	31-Aug-67	Revised Location Plan
Reference Design Memorandums			
Design Memorandum No. 2-3 (L&D 2)	7-Oct-66	31-Mar-67	Dredging, Pools 2-5 and David D. Terry Lake (Real Estate)
Design Memorandum No. 6 (L&D 5)	10-Nov-66	21-Aug-67	Master Plan, Recreation for Pools 5 and 7, David D. Terry Lake
Design Memorandum No. 6 (L&D 5)	2-Mar-67	21-Apr-67	Supplement No. 1, Overlook Facility at Lock and Dam No. 7
Design Memorandum No. 7 (L&D 3)	31-Jan-66	23-Mar-66	Clearing (Locks and Dams Nos. 3, 4, 5, and David D. Terry Lake)
Design Memorandum No. 10 (L&D 2)	15-Mar-66	26-Jul-66	Channels and Canals (Dredging, Pools 2-5 and David D. Terry Lake)
Design Memorandum No. 10 (PMD)	5-Mar-64	4-Jan-65	Preliminary Master Plan, Supplement No. 3 (Locks and Dams Nos. 5, 6, and 7)
Design Memorandum No. 8 (L&D 1)	10-Feb-76	11-Feb-76	Updated Master Plan (Norrell Lock and Dam, Locks and Dams Nos. 2, 3, 4, 5, and David D. Terry Lock and Dam)
Murray Lock and Dam No. 7			
Design Memorandum No. 1	5-Aug-64	12-Oct-64	General
Design Memorandum No. 2	5-Jun-64	24-Aug-64	Access and Service Facilities
Design Memorandum No. 3-1	10-Aug-64	20-Oct-64	Dam Site, Work Areas, and Access Roads
Design Memorandum No. 3-1 Supplement No. 1	4-Dec-64	28-Dec-64	Acquisition of Additional Land
Design Memorandum No. 3-1 Supplement No. 2	27-Jan-67	28-Mar-67	Acquisition of Additional Land
Design Memorandum No. 3-1 Supplement No. 3	4-Jun-69	10-Sep-69	
Letter Report	21-Apr-64	24-Jul-64	Access Roads
Design Memorandum No. 3-2	14-Dec-65	26-May-66	Pool Area and Public Areas
Design Memorandum No. 3-2 Supplement No. 1	23-Mar-67	12-Apr-67	Additional Land For Clearing
Design Memorandum No. 3-2 Supplement No. 2	26-Jun-67	16-Nov-67	Bigelow Public Use Area
Design Memorandum No. 3-2 Supplement No. 3	10-Sep-69	20-Nov-69	Lands and Acquisition Costs for Sediment Ranges
Design Memorandum No. 3-3	10-Jan-67	4-May-67	Dredging, Pools Nos. 7, 8, 9, (Real Estate)
Design Memorandum No. 4	9-Sep-66	9-Dec-66	Clearing
Design Memorandum No. 4 Supplement No. 1	9-Sep-68	5-Dec-68	
Design Memorandum No. 5	19-Oct-66	10-Jan-67	Dredging, Pools Nos. 7, 8, and 9
Design Memorandum No. 6	22-May-68	13-Jun-68	Little Rock Municipal Water Works
Design Memorandum No. 7	10-Mar-67	14-Apr-67	Railroad Crossing and Utilities for Overlook and Access Road
Design Memorandum No. 8	2-Jun-69	31-Jul-69	Sedimentation Ranges, Locks and Dams 7, 8, and 9
Design Memorandum No. 9	25-Jun-76	26-Jun-76	Updated Master Plan (Murray, Toad Suck Ferry and Nos. 9 and 13)
Reference Design Memorandums			
Design Memorandum No. 3 (L&D 6)	8-Nov-63	10-Jan-64	Construction Materials (David D. Terry Lock and Dam and Lock and Dam No. 7)
Design Memorandum No. 6 (L&D 5)	10-Nov-66	21-Aug-67	Master Plan (Recreation for Pools5, David D. Terry Lake and Dam No. 7)
Design Memorandum No. 6 (L&D 5) Supplement No. 1	2-Mar-66	21-Apr-67	New Design for Overlook Facility, Lock and Dam No. 7

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Design Memorandum No. 10 (PDM)	5-Mar-64	4-Jan-65	Preliminary Master Plan, Supplement No. 3 (Locks and Dams Nos. 5, David D. Terry (No. 6) and 7)
Design Memorandum No. 11 Part II (L&D 4)	12-Apr-68	16-Jul-68	Alterations to Drainage Structures
Toad Suck Ferry Lock and Dam No. 8			
Design Memorandum No. 1	2-Feb-65	3-Jun-65	General
Design Memorandum No. 2	23-Dec-64	18-Feb-65	Highway Bridge Crossing
Design Memorandum No. 3-1	10-Mar-65	2-Jul-65	Dam Site, Work Area, Quarry Area, and Public Use Area
Design Memorandum No. 3-2	9-Feb-66	17-Mar-66	Navigation Pools
Design Memorandum No. 3-2 Supplement No. 1	12-Apr-67	--	Additional Land for Clearing
Design Memorandum No. 3-3	Jul-67	31-May-68	Conway Water Supply
Letter Report	10-Sep-64	16-Dec-64	Relocation of Arkansas State Highway 60 to Proposed Relocated Toad Suck Ferry
Design Memorandum No. 4	30-Apr-65	1-Jul-65	Construction Materials (Locks and Dams Nos. 8 and 9)
Design Memorandum No. 8-1A	14-Apr-66	5-Jul-66	Arkansas State Highway 9 Bridge Over Arkansas River
Design Memorandum No. 8-1A Supplement No. 1	14-Sep-66	28-Sep-66	Pier Protection
Design Memorandum No. 8-1B	8-Oct-64	11-Dec-64	Arkansas State Highway 60, Toad Suck Ferry
Design Memorandum No. 8-1B Supplement	19-May-65	1-Jun-65	Realignment of State Highway to Bypass the Lake Conway Water Supply
Design Memorandum No. 10	5-Feb-68	17-May-68	Master Plan, Recreation (Locks and Dams Nos. 8, 9, and 13)
Design Memorandum No. 10 (PDM)	20-Oct-64	11-Dec-64	Preliminary Master Plan (Supplement 4) (Locks and Dams Nos. 8, 9, and 13)
Design Memorandum No. 11	10-Mar-67	28-Jun-67	Clearing (Locks and Dams Nos. 8, 9, and 13)
Design Memorandum No. 12	3-Feb-75	24-Feb-75	Relocation Point Remove Creek Road, Conway County
Design Memorandum No. 13	Jun-76	--	Relocation Conway Water Supply
Reference Design Memorandums			
Design Memorandum No. 3-3 (L&D 7)	10-Jan-67	4-May-67	Dredging, Pools 7, 8, and 9 (Real Estate)
Design Memorandum No. 5	19-Oct-66	10-Jan-67	Dredging, Pools 7, 8, and 9
Design Memorandum No. 8 (L&D 7)	2-Jun-69	31-Jul-69	Sedimentation Ranges
Design Memorandum No. 11 Part II (L&D 4)	12-Apr-68	16-Jul-68	Alterations to Drainage Structures
Design Memorandum No. 9	25-Jun-76	25-Jun-76	Updated Master Plan (Murray, Toad Suck Ferry and Nos. 9 and 13)
Arthur V. Ormond Lock and Dam No. 9			
Design Memorandum No. 1	5-Mar-65	9-Jun-65	General
Design Memorandum No. 1 Supplement No. 1	27-Dec-65	11-Jan-66	Groundwater Effects
Design Memorandum No. 2	11-May-64	14-Jul-64	Access and Service Facilities
Design Memorandum No. 2 Supplement No. 1	26-Mar-65	11-May-65	Resident Construction Office
Design Memorandum No. 2 Rev. to Supplement No. 1	15-Apr-65	14-May-65	Revision to Supplement 1 to Delete Bituminous Surfaces
Letter Design Memorandum	14-Oct-64	21-Dec-64	Access Roads
Design Memorandum No. 3-1	9-Apr-65	24-Jun-65	Dam Site, Work Area, Quarry Area, and Public Use Area
Design Memorandum No. 3-1 Supplement No. 1	8-Jul-65	28-Jul-65	Borrow Area
Design Memorandum No. 3-1 Supplement No. 2	3-Nov-65	9-Feb-66	Fee Title Limitation
Design Memorandum No. 3-2	9-Mar-66	25-Apr-66	Navigation Pool
Design Memorandum No. 7-1	21-Jan-66	28-Apr-66	Dardanelle Highway Bridge - Arkansas State Highway 7
Design Memorandum No. 7-1 Supplement No. 1	31-Aug-66	8-Sep-66	Pier Protection
Design Memorandum No. 7-2B	15-Sep-66	13-Oct-66	Arkansas Louisiana Gas Company Pipeline
Design Memorandum No. 7-2C	3-Mar-65	16-Oct-65	Southwestern Bell Telephone Company - Telephone Line
Design Memorandum No. 7-2D	1-Mar-65	19-Mar-65	First Electric Cooperative Corporation - Power Lines
Design Memorandum No. 7-2F	21-Sep-66	13-Oct-66	Oklahoma-Mississippi River Products Lines, Inc., Pipeline
Design Memorandum No. 7-3	13-Dec-67	28-Dec-67	Drainage Structures - Conway County Drainage and Levee District No. 1
Reference Design Memorandums			
Design Memorandum No. 11 Part II (L&D 4)	12-Apr-68	16-Jul-68	Alterations to Drainage Structures
Design Memorandum No. 5 (L&D 7)	10-Oct-66	10-Jan-67	Dredging - Pools 7, 8 and 9

<u>Memorandum</u>	<u>Date Submitted</u>	<u>Date Approved</u>	<u>Description</u>
Design Memorandum No. 8 (L&D 7)	2-Jun-69	31-Jul-69	Sedimentation Ranges
Design Memorandum No. 4 (L&D 8)	30-Apr-65	1-Jul-65	Construction Materials (Locks and Dams 8 and 9)
Design Memorandum No. 10 (L&D 8)	5-Feb-68	17-May-68	Master Plan (Locks and Dams Nos. 8, 9, and 13)
Design Memorandum No. 11 (L&D 8)	10-Mar-67	28-Jun-67	Clearing (Locks and Dams Nos. 8, 9, and 13)
Design Memorandum No. 10 (PDM)	20-Oct-64	3-May-65	Preliminary Master Plan (Supp 4) (Locks and Dams Nos. 8, 9, and 13)
Design Memorandum No. 9	25-Jun-76	26-Jun-76	Updated Master Plan (Murray , Toad Suck Ferry and Nos. 9 and 13)
Dardanelle Lock and Dam No. 10			
Design Memorandum No. 1-1	21-Jun-56	1-Nov-56	Design Discharges
Design Memorandum No. (1)	17-Oct-57	22-Jun-59	Sedimentation and Degradation (Submitted as Project Design Memorandum No. 6-4 Arkansas River and Tributaries, Sedimentation, Dardanelle Reservoir.)
Design Memorandum No. 2-1	12-Apr-56	21-Nov-56	Dam Site and Work Area, Proposed Quarry Area, and Access Road
Design Memorandum No. 2-2	26-May-58	7-Aug-58	Water Supply Line
Design Memorandum No. 2-3A	2-Mar-59	10-Apr-59	Portion of Reservoir Area (Mile 258.3-268.0)
Design Memorandum No. 2-3B	23-Dec-59	29-Feb-60	Portion of Reservoir Area (Mile 268.0-268.0)
Design Memorandum No. 2-3B Supplement	10-Oct-62	30-Nov-62	
Letter Report	30-Jul-62	3-Dec-62	Land on Left Bank
Letter Report	3-Jan-64	30-Jan-64	Hartman Bottom Levee, Lower Section
Design Memorandum No. 3	29-Jun-56	13-Sep-56	Site Selection
Design Memorandum No. 4	12-Oct-56	10-Oct-57	Access Roads and Service Facilities
Design Memorandum No. 5	28-Feb-57	21-May-57	General Design Memorandum
Design Memorandum No. 6	30-Apr-58	8-Oct-58	Diversion Plan
Design Memorandum No. 7-1	30-Mar-59	6-Aug-59	Hydroelectric Power
Design Memorandum No. 7-1 Supplemental Data	24-Sep-59	17-Nov-59	Supplemental Data
Design Memorandum No. 7-1 Revision	13-May-60	14-Jul-60	Revision
Design Memorandum No. 7-2	21-Aug-59	16-Oct-59	Preliminary Design Report - Powerhouse and Switchyard
Design Memorandum No. 7-3	Sep-62	20-Sep-63	Power Plant
Design Memorandum No. 7-3 Supplement No. 1	19-Feb-70	15-Apr-70	Line Bay No. 5
Design Memorandum No. 8	15-Nov-57	14-Feb-58	Geology and Soils
Design Memorandum No. 9-1	3-Oct-57	12-Dec-57	Concrete Materials
Design Memorandum No. 9-2	29-Apr-59	26-May-59	Concrete Characteristics
Design Memorandum No. 10	21-Mar-58	11-Aug-58	Navigation Locks
Design Memorandum No. 10 Revision	15-Jul-59	2-Nov-59	Revision
Design Memorandum No. 10-2	29-Jun-59	11-Aug-59	Lock and Testing Facilities
Design Memorandum No. 10-3	22-Jun-62	23-Oct-62	Navigation Lock, Completion
Design Memorandum No. 11-1	16-May-58	2-Sep-58	Dam Embankment Section
Design Memorandum No. 11-1 Revision	20-Jan-59	19-Feb-59	Revision
Design Memorandum No. 11-2	21-May-59	5-Aug-59	Dam Overflow Section
Design Memorandum No. 11-2 Supplement	10 fb 60	14-Apr-60	
Design Memorandum No. 11-2A	17-Dec-59	11-Feb-60	Cathodic Protection for Tainter Gates
Design Memorandum No. 12-1	7-Apr-58	8-May-58	Arkansas State Highway 22
Design Memorandum No. 12-1 Supplement	13-May-60	25-Nov-60	Supplement
Design Memorandum No. 12-1 Supplement Data	24-Oct-61	16-Nov-61	Supplemental Data
Design Memorandum No. 12-1 Supplement Data	14-Dec-61	5-Jan-62	Supplemental Data
Design Memorandum No. 12-1 Supplement Data	15-Jan-62	17-Jan-62	Supplemental Data
Design Memorandum No. 12-2	14-Mar-61	8-Jun-61	U.S. Highway 64 and Arkansas State Highway 7
Design Memorandum No. 12-2 Supplement No. 1	31-Aug-61	8-Dec-61	Supplement No. 1
Design Memorandum No. 12-2	24-Oct-61	20-Nov-61	
Design Memorandum No. 12-3A	25-Sep-59	--	Pope County Roads

<u>Memorandum</u>	<u>Date Submitted</u>	<u>Date Approved</u>	<u>Description</u>
Design Memorandum No. 12-3A Revision	22-Jan-60	24-Jun-60	Revision
Design Memorandum No. 12-3A Supplement No. 1	5-Jan-61	17-Feb-61	Supplement No. 1
Design Memorandum No. 12-3A Supplement No. 2	12-May-61	8-Jun-61	Supplement No. 2
Design Memorandum No. 12-3B	20-Apr-60	30-Jun-60	Logan County Roads
Design Memorandum No. 12-3B Supplemental Data	31-Aug-62	13-Sep-62	Supplemental Data
Design Memorandum No. 12-3B1	28-Mar-62	29-May-62	Logan county Roads (McLean Bottom)
Design Memorandum No. 12-3B1 Supplemental Data	13-Jun-62	10-Jul-62	Supplemental Data
Design Memorandum No. 12-3B1 Supplement No. 1	20-May-63	6-Sep-63	Supplement No. 1
Design Memorandum No. 12-3B1 Supplement No. 2	31-Jan-64	--	Supplement No. 2 (Portion of Hwy 309)
Design Memorandum No. 12-3C	4-May-61	13-Jul-61	Johnson County Roads
Design Memorandum No. 12-3C Revised Data	28-Sep-61	3-Nov-61	Revised Data
Design Memorandum No. 12-3C Additional Data	12-Dec-61	5-Jan-62	Additional Data
Design Memorandum No. 12-3C Supplement	22-Oct-62	25-Oct-62	Supplement
Design Memorandum No. 12-3C Supplement	5-Feb-63	7-Feb-63	Supplement
Design Memorandum No. 12-3D	24-Oct-62	21-Nov-61	Yell County Roads
Design Memorandum No. 12-4	29-Aug-61	21-Nov-61	Missouri Pacific Railroad and Western Union Telegraph Line
Design Memorandum No. 12-4 Supplement No. 1	15-Sep-61	4-Dec-61	Supplement No. 1
Design Memorandum No. 12-4 Supplement No. 2	12-Jun-62	2-Jul-62	Supplement No. 2
Design Memorandum No. 12-5A	24-Sep-59	--	Arkansas Louisiana Gas Company
Design Memorandum No. 12-5A Revision	23-Oct-59	14-Dec-59	Revision
Design Memorandum No. 12-5A Supplement	2-Nov-60	17-Nov-60	
Design Memorandum No. 12-5B	23-Dec-59	17-May-60	Oklahoma Mississippi River Products Pine Line, Inc.
Design Memorandum No. 12-5C	4-Feb-60	13-Apr-60	Russellville Water Co., Inc.
Design Memorandum No. 12-5C Supplement	14-Dec-60	23-Feb-61	Supplement
Design Memorandum No. 12-5D	7-Apr-60		Arkansas Power and Light Co.
Design Memorandum No. 12-5D Revision	23-Jun-60	26-Aug-60	Revision
Design Memorandum No. 12-5E	8-Jul-60	11-Aug-60	Oklahoma Gas and Electric Co.
Design Memorandum No. 12-5E Supplement No. 1	26-Sep-61	9-Oct-61	Supplement No. 1
Design Memorandum No. 12-5F	8-Nov-60	9-Jan-61	Southwestern Bell Telephone Co.
Design Memorandum No. 12-5F Supplement No. 1	28-Jun-61	10-Jul-61	Supplement No. 1
Design Memorandum No. 12-5G	13-Sep-60	6-Dec-60	Western Arkansas Telephone Co.
Design Memorandum No. 12-5G Supplement No. 1	24-Nov-61	15-Dec-61	Supplement No. 1
Design Memorandum No. 12-5H	18-Oct-60	3-Nov-60	Arkansas Valley Electric Coop. Corp.
Design Memorandum No. 12-5I	14-Jun-62	17-Aug-62	Gulf Oil Corporation, Alternations of Gas Wells
Design Memorandum No. 13-1	23-Sep-58	23-Jan-59	Preliminary Master Plan
Design Memorandum No. 13-1 Revision	3-Apr-59	15-Jun-59	Revision
Design Memorandum No. 13-1 Revision	6-Nov-59	19-Apr-60	Revision
Design Memorandum No. 13-1 Supplement No. 1	7-Aug-61	27-Sep-61	Supplement No. 1
Design Memorandum No. 13-1 Supplement No. 2	13-Jul-62	30-Oct-62	Supplement No. 2
Design Memorandum No. 13-1 Additional Data	20-Sep-62	30-Oct-62	Additional Data
Design Memorandum No. 13-1 Supplement No. 3	29-Aug-62	17-Sep-62	Supplement No. 3
Design Memorandum No. 13-1 Supplement No. 4	8-Feb-63	25-Mar-63	Supplement No. 4

<u>Memorandum</u>	<u>Date Submitted</u>	<u>Date Approved</u>	<u>Description</u>
Design Memorandum No. 13-2	12-Oct-62	9-Jul-63	Master Plan
Design Memorandum No. 13-2 Letter Report	Aug-64	--	Letter Report
Design Memorandum No. 13-2 Supplement No. 1	10-Mar-67	18-Oct-67	Supplement No. 1
Design Memorandum No. 13-2 Supplement No. 2	18-Dec-67	29-Jan-68	Supplement No. 2
Design Memorandum No. 13-2 Supplement No. 3	7-Mar-68	10-Sep-68	Supplement No. 3
Design Memorandum No. 13-3	30-Nov-70	27-Apr-71	Updated Master Plan
Design Memorandum No. 13-3 Supplement No. 1	23-Feb-71	24-Apr-71	Supplement No. 1
Design Memorandum No. 13-3 Supplement No. 2	26-Feb-75	4-Aug-75	Supplement No. 2
Design Memorandum No. 13-3 Supplement No. 3	21-Sep-76	30-Sep-76	Supplement No. 3
Design Memorandum No. 13-4	27-Sep-77	19-Dec-77	Updated Master Plan
Design Memorandum No. 14	31-Aug-61	27-Dec-61	Reservoir Clearing
Design Memorandum No. 15	18-Dec-61	20-Jul-62	Protection of Russellville
Design Memorandum No. 15 Supplement No. 1	9-Oct-62	3-Dec-62	Supplement No. 1
Design Memorandum No. 16	13-Feb-62	15-Nov-62	Protection of McLean Bottom
Design Memorandum No. 16 Supplemental Data	31-Aug-62	15-Nov-62	Supplemental Data
Design Memorandum No. 16 Supplement	17-Jan-63	15-Apr-63	Supplement
Design Memorandum No. 17	27-Jul-61	11-Sep-61	Sediment Ranges
Design Memorandum No. 18	14-Aug-64	29-Sep-64	Operational Facilities
Design Memorandum No. 19	30-Jun-61		Corrosion Mitigation for Powerhouse Gates
Design Memorandum No. 19 Revision	6-Dec-61	5-Feb-62	Revision
Design Memorandum No. 20	1-Jul-68		Enhancement of Public Areas of the Powerhouse
Design Memorandum No. 13-4 Supplement No. 1	27-Feb-78	22-Feb-78	Make approx. 15 acres of Gov. land available for the development of a community park by the City of London, AR under a 25 year lease.
Design Memorandum No. 13-4 Supplement No. 2	20-Jul-78	13-Sep-78	Reallocate Approx. 315 acres of Low Density Recreation Land to Wildlife Management upon AGFC's request to construct a "green-tree reservoir" near Spadra Creek.
Design Memorandum No. 13-4 Supplement No. 3	21-Jan-85	21-Feb-85	Illustrate planned development of Shoal Bay Park to increase user fees and improve the overall conditions of the park. Add 23 campsites, renovate 29 existing campsites, add 6 picnic sites, develop playground, relocate group shelter, replace vault restroom with waterborne restroom/showers.
Design Memorandum No. 13-4 Supplement No. 4	7/25/12985	6-Aug-85	Update the park site plans to reflect existing recreational facilities and minor site plan revisions.
Design Memorandum No. 13-4 Supplement No. 5	24-Mar-87	14-Apr-87	Relocate two group picnic shelters to an area within Shoal Bay Park.
Design Memorandum No. 13-4 Supplement No. 6	7-Oct-87	28-Oct-87	Reallocate approx. 40 Acres from Low Density Rec. to High Density Rec., Lease the land to Logan County for the development of a sports complex.
Design Memorandum No. 13-4 Supplement No. 7	26-Feb-88	14-Mar-88	Revise the plan of development for Piney Bay Park(enclosed Plate 20). Park updates and modifications.
Design Memorandum No. 13-4 Supplement No. 8	24-Aug-90	18-Sep-90	Indicate the relocation of a group shelter from Sweeden Island Park on Rockefeller Lake (L&D 9) to Old Post Road Park on Lake Dardanelle.
Design Memorandum No. 13-4 Supplement No. 9	7-May-94	28-Jun-94	Revise the concession lease area of the Russellville Marina, located in Lake Dardanelle State Park, Lake Dardanelle.
Design Memorandum No. 13-4 Supplement No. 10	30-May-96	11-Jun-96	Rename a portion of Ouita park as the Cephaz Washburn Memorial Park as requested by the City of Russellville.
Design Memorandum No. 13-4 Supplement No. 11	9-Sep-10	--	Install an 18 hold disc golf course utilizing existing topography, environmental features and support facilities within the day use area of Old Post Park.
Ozark Jetta-Taylor Lake (Lock and Dam No. 12)			
Design Memorandum No. 1	23-Nov-62	20-Feb-63	Site Selection
Design Memorandum No. 2	23-Apr-63	2-Mar-65	Hydroelectric Power
Design Memorandum No. 2 Supplement No. 1	30-Jun-64	2-Mar-65	Supplement No. 1
Design Memorandum No. 3	28-Jun-63	29-Aug-63	Access and Service Facilities

<u>Memorandum</u>	<u>Date Submitted</u>	<u>Date Approved</u>	<u>Description</u>
Design Memorandum No. 4	9-Aug-63	13-Jan-64	General
Design Memorandum No. 4 Supplement No. 1	17-Aug-64	23-Nov-64	Criteria for Land Acquisition and Relocation
Design Memorandum No. 4 Supplement No. 2	25-Jun-65	29-Jul-65	Levee Protection of Ozark Plant Facilities
Design Memorandum No. 4 Supplement No. 3	19-Jul-68	--	Revised Criteria for Land Acquisition
Design Memorandum No. 4 Supplement No. 4	15-Sep-67	15-Dec-67	Ozark Water Supply Wells
Design Memorandum No. 5	1-Oct-64	30-Dec-64	Geology and Soils
Design Memorandum No. 6-1	7-Jan-64	23-Jun-64	Preliminary Master Plan
Design Memorandum No. 6-2	31-Jan-66	2-Sep-70	Master Plan for Ozark Lock and Dam
Design Memorandum No. 6-2 Supplement No. 1	11-Sep-72	6-Oct-72	Supplement No. 1
Design Memorandum No. 6-2 Supplement No. 2	11-Sep-72	--	Supplement No. 2
Design Memorandum No. 6-2 Supplement No. 3	22-May-73	18-Jun-73	Supplement No. 3
Design Memorandum No. 6-2 Supplement No. 4	15-Oct-73	30-Nov-73	Supplement No. 4
Design Memorandum No. 6-2 Supplement No. 5	6-Mar-74	Disapproved 8-Apr-74	Supplement No. 5
Design Memorandum No. 6-2 Supplement No. 6	18-Dec-75	30-Dec-75	Supplement No. 6
Design Memorandum No. 6-3	Apr-77	--	Updated Master Plan for Ozark-Jeta Taylor Lock and Dam
Design Memorandum No. 7-1	10-Dec-63	19-Mar-64	Damsite, Work Area, and Access Roads
Design Memorandum No. 7-1 Supplement No. 1	4-Nov-64	19-Nov-64	Supplement No. 1
Design Memorandum No. 7-1 Supplement No. 2	6-Jan-65	5-Mar-65	Supplement No. 2
Design Memorandum No. 7-2	19-Feb-65	25-May-65	Reservoir
Design Memorandum No. 7-2 Supplement No. 1	19-Jul-68	10-Jul-69	Additional Land for Reservoir
Design Memorandum No. 7-3	31-Mar-67	30-Jun-67	Dredging
Design Memorandum No. 8	5-Jun-64	17-Aug-64	Concrete Materials
Design Memorandum No. 8 Supplement No. 1	9-Feb-65	24-Mar-65	Supplement No. 1
Design Memorandum No. 9	10-Jan-64	24-Apr-64	Navigation Lock
Design Memorandum No. 10	29-Sep-64	7-Jan-65	Dam
Design Memorandum No. 11	3-Jun-66	9-Aug-66	Ozark Reservoir - Reservoir Clearing
Design Memorandum No. 12	27-Feb-67	5-May-76	Channels and Canals - Dredging and Snagging, Snagging, Dardanelle & Ozark Reservoirs
Design Memorandum No. 13-1	6-Jun-66	20-Oct-66	Missouri Pacific Railroad and Western Union Telegraph Line
Design Memorandum No. 13-2	5-Apr-65	18-Jun-65	Arkansas State Highway 23 Bridge Over Arkansas River
Design Memorandum No. 13-2 Supplement No. 1	6-Oct-66	17-Oct-66	Ozark United Telephone Company
Design Memorandum No. 13-3A	4-Mar-66	23-May-66	Franklin County Roads
Design Memorandum No. 13-3 A Supplement No. 1	17-Nov-67	6-Dec-67	Revised Plan of Relocation
Design Memorandum No. 13-3B	4-Dec-68	29 Feb 69	Crawford County Roads and Bridges
Design Memorandum No. 13-3C	4-Aug-66	21-Oct-66	U.S. Highway 64 Bridge
Design Memorandum No. 13-4A	10 Feb 676	9-Mar-67	Oklahoma Gas and Electric Company
Design Memorandum No. 13-4B1	24-Feb-65	19-Mar-65	Arkansas-Louisiana Gas Company, Protection of Gas Pipeline
Design Memorandum No. 13-4B2	23-Jun-65	14-Jul-65	Arkansas-Louisiana Gas Company Pipeline
Design Memorandum No. 13-4B2 Supplement No. 1	5-Oct-66	7-Dec-66	Supplement No. 1
Design Memorandum No. 13-4B3	26-Aug-66	14-Sep-66	Arkansas-Louisiana Gas Company Pipeline
Design Memorandum No. 13-4C	21-Sep-65	15-Oct-65	Arkansas Western Gas Company
Design Memorandum No. 13-4E	21-Sep-65	15-Oct-65	Arklahoma Corporation Powerline
Design Memorandum No. 13-5B	13-Dec-66	12-Jan-67	Southwestern Bell Telephone Company
Design Memorandum No. 13-6A	6-Oct-66	26-Oct-66	Fort Smith Gas Corporation Pipeline
Design Memorandum No. 13-6A Supplement No. 1	17-Apr-68	5-Jul-68	(Ark-Okla Gas, Formerly Fort Smith Gas)
Design Memorandum No. 13-6B	1-Jul-66	15-Jul-66	Arkansas Valley Electric Cooperative Corporation
Design Memorandum No. 13-7	2-Aug-66	19-Sep-66	Cemeteries, Assembly No. 1
Design Memorandum No. 13-8	10-May-68	13-Dec-68	Mulberry Water Supply
Design Memorandum No. 13-9	10 Feb 676	18-May-67	City of Ozark - Streets, Waterlines, and Sewage Facilities
Design Memorandum No. 14	23-Apr-68	8-Jul-68	Sediment Ranges
Design Memorandum No. 15	31-Mar-69	15-Jul-69	Enhancement of Public Areas of the Powerhouse

<u>Memorandum</u>	<u>Date Submitted</u>	<u>Date Approved</u>	<u>Description</u>
Design Memorandum No. 6-3	20-Apr-77		Updated Master Plan for Development and Management of Ozark Lake
Design Memorandum No. 6-3 Supplement 1	--	--	Reallocation of a 4.5 acres tract containing 900 linear feet of shoreline from Project Operations: Low Density Use to Project Operations: Industrial Use.
Design Memorandum No. 6-3 Supplement 2	20-Dec-84	25-Jan-85	To show proposed development/consolidation of Aux Arc Park and River Ridge park. Relocating various camp/picnic sites to Aux Arc Park.
Design Memorandum No. 6-3 Supplement 3	3-Sep-86	19-Sep-86	Update the enclosed site plans to indicate existing recreational development.
Design Memorandum No. 6-3 Supplement 4	10-Oct-97	25-Oct-97	Designat 49 acres of project lands "recreation-intensive use" for the expansion of the existing Ozark City Park lease (DACW03-1-76-307, New Lease # DACW03-1-01-4099) as indicated by included map.
James W. Trimble Lock and Dam No. 13			
Design Memorandum No. 1	30-Mar-65	9-Jul-65	General
Design Memorandum No. 1 Supplement No. 1	17-Sep-65	11-Oct-65	Provisions for Future Highway Crossing
Design Memorandum No. 1 Supplement No. 2	14-Feb-66	16-Mar-66	Ground Water Effects
Design Memorandum No. 2	9-Nov-64	11-Dec-64	Access and Service Facilities
Design Memorandum No. 3-1	10-May-65	18-Aug-65	Lock and Dam Site, Work Area, Access Roads, and Public Use Areas
Design Memorandum No. 3-1 Supplement No. 1	3-Nov-65	26-May-66	Letter
Letter Design Memorandum	2-Nov-64	19-Jan-65	Right Bank Access Road
Design Memorandum No. 3-2	4-Nov-66	1-Feb-67	Navigation Pool
Design Memorandum No. 3-3	19-Sep-68	24-Jun-69	Van Buren Water Supply
Design Memorandum No. 3-4	30-Mar-70		Sediment Ranges
Design Memorandum No. 4	3-Aug-65	20-Sep-65	Construction Materials
Design Memorandum No. 4 Supplement No. 1	15-Sep-65	12-Oct-65	Additional Source for Sand and Gravel
Design Memorandum No. 8-1A	29-Aug-66	21-Nov-66	Missouri pacific Railroad Company Western Union Telegraph Lines, Fort Smith Bridge
Design Memorandum No. 8-1B	21-Apr-66	15-Sep-66	St. Louis-San Francisco Railway and Western Union Telegraph Lines at Van Buren Bridge
Design Memorandum No. 8-1B Supplement No. 1	16-Sep-66	12-Oct-66	Letter
Design Memorandum No. 8-1D	25-Aug-66	12-Dec-66	U.S. Highway 64-71 Bridge Over the Arkansas River
Design Memorandum No. 8-2B	31-Aug-66	8-Dec-66	Oklahoma Gas and Electric Company
Design Memorandum No. 8-3A	10-Jun-66	16-Sep-66	Remedial Drainage, Crawford County Levee District
Design Memorandum No. 8-3A Supplement No. 1	2-May-67	26-May-67	Arkansas Louisiana Gas Company Lines - Crawford County
Design Memorandum No. 8-3B	6-Feb-67	16-Jul-68	Van Buren Water Supply - Lee Creek Weir
Design Memorandum No. 9	23-Dec-69	30-Jun-70	Sedimentation Ranges
Reference Design Memorandums			
Design Memorandum No. 7-1D (D.D. Terry L&D)	14-Sep-66	12-Dec-66	Relocations - Main Street & Broadway Bridges, Little Rock, David D. Terry Pool, and U.S. Highway 64 Bridge, Forth Smith, Pool No. 13
Design Memorandum No. 10 (L&D 8)	5-Feb-68	17-May-68	Recreation Facilities - Master Plan Locks and Dams Nos. 8, 9, and 13)
Design Memorandum No. 10 (PDM)	20-Oct-64	3-May-65	Preliminary Master Plan (Supplement No. 4, Locks and Dams Nos. 8, 9, and 13)
Design Memorandum No. 9	25-Jun-76	25-Jun-76	Updated Master Plan (Murray, Toad Suck Ferry and Nos. 9 and 13)