
SAYLORVILLE LAKE MASTER PLAN

**DES MOINES RIVER WATERSHED
JOHNSTON, IOWA**

APPENDIX E

DESIGN MEMORANDUMS

POLK, DALLAS, BOONE COUNTIES, IOWA

JANUARY 2015

*Saylorville Lake Master Plan
Des Moines River Watershed
Johnston, Iowa*

*Appendix E
Design Memorandums*

DM#	TITLE
1	Hydrology and Hydraulic Design, Jun 60
2	Site Selection, Jun 60
3	General Design Memorandum, May 61
	Supplement No. 1, Remedial Works in Big Creek Valley, Aug 66
	Supplement No. 2, Boundary Survey and Marking, May 66
3	Supplement No. 1, Conservation Storage in Red Rock and Saylorville Reservoirs, Aug 61
4	Concrete Materials Protection Stone, Jun 61
5	Geology and Soils, Sep 61
6A	Preliminary Master Plan, 3 Aug 62
6B	Recreation Master Plan (5 yr. update pending), Feb 74
	Recreation Master Plan, 6B Plates, Jul 73
	Appendix B and D to the Master Plan, - Forestry, Fish and Wildlife Management Plan, Dec 81
	Appendix C to the Master Plan - Fire Protection, Apr 83
	Appendix E to the Master Plan - Safety Plan, Nov 79
	Appendix F to the Recreation Master Plan - Roads and Parking Areas, Jul 73
	Appendix G to the Recreation Master Plan - Utilities, Jul 73
	Appendix H to the Recreation Master Plan - Buildings and Structures, Jul 73
	Appendix I to the Recreation Master Plan - Detailed Estimate of Cost, Jul 73
	Supplement No. 1, Nov 75, County Road Relocations, Nov 75
	Supplement No. 4, River Valley Campground, Mar 77
	Supplement No. 3, Water and Sewer Facilities for Acorn Valley Campground, Walnut Ridge Picnic Ground, Lakeview Boat Launch, Dec 79
	Supplement No. 2, Downstream Corridor Aug 81
	Supplement No. 5, Second Marina, Feb 82
	Facility Development in Part (Construction General FY 1973-74), Jul 73
	Preliminary Master Plan, Dec 81
	Environmental Assessment, Dec 81
	Revised Environmental Assessment Saylorville Lake Master Plan Including Preliminary Section 404(B)(1) Evaluation Oct 83
6B	Master Plan DM6B Saylorville lake Multi Purpose Project Des Moines River Basin Des Moines River, Iowa (Contains Nov. 84 Change)
7A	Real Estate - Dam site, Dec 62
7B	Real Estate - Reservoir Area, Jan 65
7C	Real Estate - Modification of Design Flood Control Level, Oct 66

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7D	Real Estate - Modification of Estates to be Acquired, Dec 67
7E	Real Estate - Big Creek Valley, Nov 68
7F	Real Estate - Polk City, S&V Road, Jul 70
7G	Real Estate - C.M.St.P.&P. Railroad, Sep 70
7H	Real Estate - Iowa State Highways No. 89 and 415, Jul 72
7I	Ledges State Park, Jul 76
7J	Moingona, Iowa, Sep 74
7K	Telemetry System, May 75
7L	Saylorville Corridor, Aug 76
8	Dam - Earth Embankment, Aug 61
	Supplement No. 1 Under-seepage Control (Slurry Trench) Dam Stability During Construction, Jul 65, Feb 66
9	Dam - Outlet Works, Sep 64
	Supplement No. 1 - Service Bridge, Jan 68
10	Dam - Spill way, Dec 62
	Water Quality Control Storage Study, Oct 66
11	Relocations - Iowa State Highways, Oct 66
	Supplement No. 1 - Stability Analyses and Subsurface Data for Highway 89 Embankment
	Supplement No. 2, Modification of Iowa State Highways, Jan 71
12A	C.M.St.P.&P. Railroad, Dec 68
13	Camp Hantesa, Dec 67
15	County Roads Dec 67
	Supplemental No. 1 - Change in Traffic Patterns, Dec 67
	Supplemental Data, Nov 68
	Supplement No. 2 - Added Item, Dec 69
	Supplement No. 3 - S&V Road Sub surfacing and Slope Stability Data, Jan 71
	Supplement No. 4 - Polk County Road Improvements, Jan 77
16A	Madrid Water Supply [Relocations], Feb 71
	Supplement No. 1 - Madrid Water Supply Jul 73
16B	State Hospital & School Water Supply (Woodward), Sep 64
17	Clearing lake Area, Sep 73
	Supplement No. 1 - Lake Clearing (Revised), Feb 75

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18	Administration Facilities - Visitor Center and Maintenance Building, Oct 73
19	Remedial Works in Big Creek Valley, Jul 68
	Supplement No. 1 - Terminal Dam and Spillway, Feb 70
	Supplement No. 2, Nov 70
20	Cemetery Relocation Plan, Oct 72
	Cemetery Relocations - Final Report, Dec 74
21	Electric Power lines, Apr 69
21a-1	Electric Power lines - Dam site, Jul 65
22	Telephone Lines, Nov 69
24A	Communication System, Mar 65
24B	Automatic Reporting Gages, May 66
26	Ledges State Park Remedial Work Supplement No. 1, Dec 68
	Supplement No. 1, Dec 69
27	Camp Dodge Remedial Work, Oct 63
	Supplement No. 1 - Five Dwellings, Nov 64
28	Construction Procedure and Diversion Plan, Mar 74
	Reservoir Regulation - Appendix B, Revised Master Reservoir Regulation Manual, Saylorville Lake, Sep 83 (Rev)
	Phase I Water Demand and Availability, Jul 81
	Phase II Reallocation of Reservoir Storage (Adds Water Supply as Project Purpose), Aug 82
29	Iowa Highway 415 Project Modifications, Nov 83
29A	Iowa Highway 415 Project Segment "C" Modifications and Draft Environmental Impact Statement, Jul 86 (Rev)
	Iowa Highway 415 Project Segment "C" Modifications and Final Environmental Impact Statement, Mar 87
	Spillway Improvement Design Analysis Report, Nov 91
	Spillway Channel Repair Design Analysis Report with EA, Apr 96
	(draft) Saylorville Lake, Iowa N.W. 86th Street Phase III Design Memorandum with EA., Vol 1 of 2, Oct 96
	(draft) Saylorville Lake, Iowa N.W. 86th Street Phase III Design Memorandum with EA., Vol 2 of 2, Oct 96
	Eng. Investigation & Design Studies for Underseepage Control (Slurry Trench Cutoff) for Saylorville Lake Dam, Des Moines River, IA DM, Nov 65

