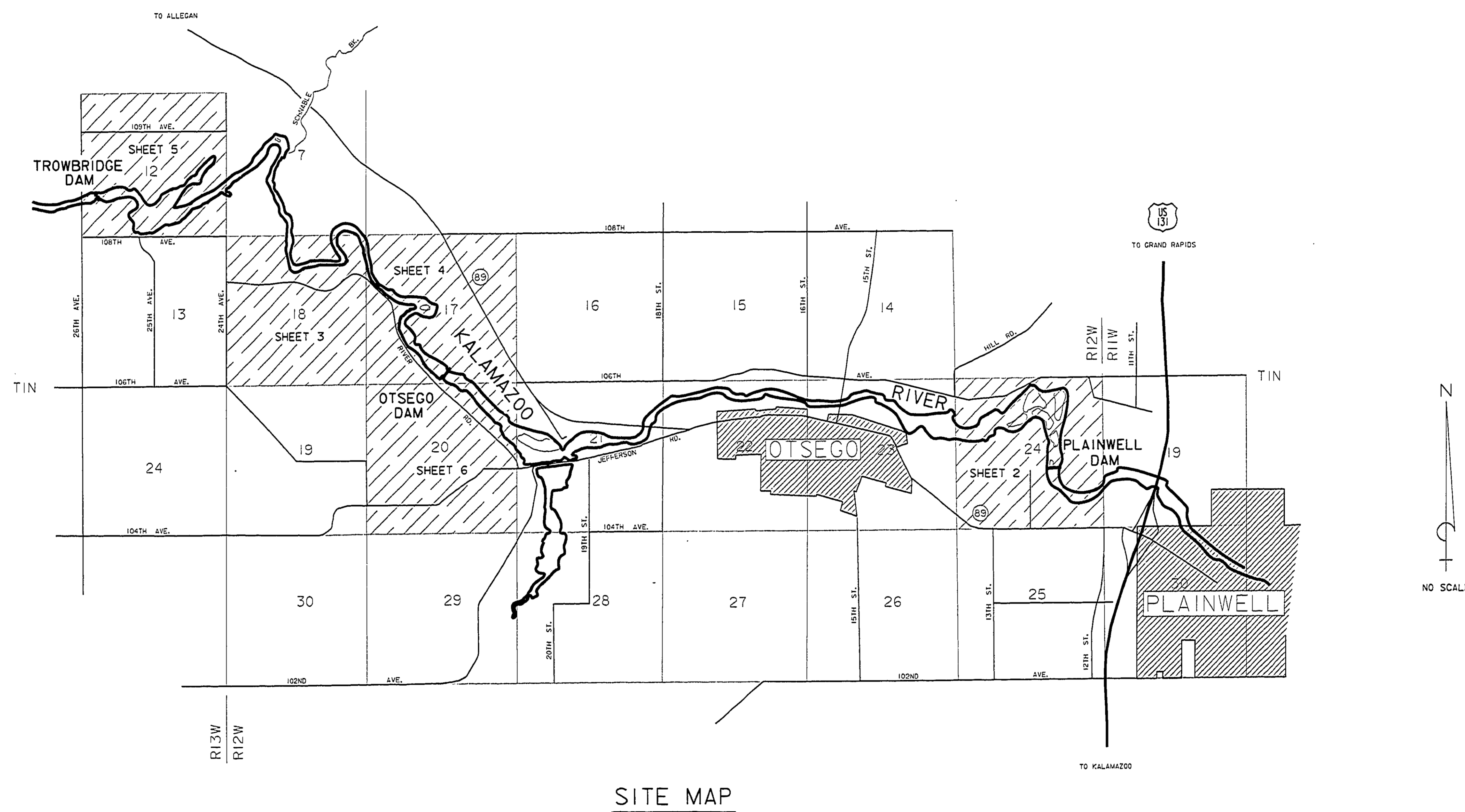


KALAMAZOO RIVER PROJECT

TROWBRIDGE, OTSEGO, AND PLAINWELL SITES



BACKGROUND:

IN SEPTEMBER OF 1967, THE PEOPLE OF THE STATE OF MICHIGAN GAINED TITLE FROM CONSUMER'S POWER COMPANY TO APPROXIMATELY 1200 ACRES OF UPLAND AND FLOODED LAND ALONG THE KALAMAZOO RIVER WITHIN TROWBRIDGE, OTSEGO, AND GUN PLAIN TOWNSHIPS IN ALLEGAN COUNTY. THE LANDS CONSISTED OF PARCELS UNDER AND CONTIGUOUS TO THE BACKWATERS OF THE TROWBRIDGE, OTSEGO, AND PLAINWELL DAMS WHICH WERE PARTIALLY DISMANTLED IN THE EARLY 1900'S. THE DEEDS CONSIST OF NEARLY 95 INDIVIDUALLY DESCRIBED PARCELS IN 12 SECTIONS ACQUIRED BY LOCAL POWER COMPANIES AROUND THE BEGINNING OF THIS CENTURY. THE PURPOSE OF THIS SURVEY WAS TO MONUMENT THE STATE-OWNED UPLANDS CONVEYED AND TO ESTABLISH VERTICAL CONTROL AROUND THE PERIMETER OF THE LANDS ACQUIRED FOR FUTURE USE IN DETERMINING THE FLOODED LAND BOUNDARIES.

THE MAJORITY OF THE PARCELS WERE DESCRIBED TO AN ELEVATION, OR CONTOUR LINE. DATA USED IN THE DESCRIPTIONS ARE ALLEGAN VILLAGE DATUM AND OTSEGO VILLAGE DATUM. LOCALLY ACCEPTED CONVERSIONS TO U.S.C.S. DATUM WERE OBTAINED FROM RECORDED AND UNRECORDED SURVEY DOCUMENTS DATING FROM THE MID-1800'S AND ARE SHOWN ON THE DRAWING SHEETS. OLD DEEDS, ABSTRACTS, AND FLOWAGE MAPS PROVIDED BY CONSUMER'S POWER COMPANY ASSISTED IN THE INTERPRETATION OF CONFUSED OR AMBIGUOUS DESCRIPTIONS. HOWEVER, EXTENSIVE RESEARCH AT THE ALLEGAN COUNTY REGISTER OF DEEDS AND EQUALIZATION OFFICE WAS REQUIRED IN A FEW CASES TO RESOLVE PROBLEMS.

REFERENCE MATERIAL COMPILED ALSO INCLUDED U.S. PUBLIC LAND SURVEY RECORDS, COUNTY SURVEYOR'S RECORDS (CA, 1860'S), ACT 132 SURVEYS, AND LAND CORNER RECORDATION CERTIFICATES. LOCAL LAND SURVEYORS ALSO PROVIDED USEFUL MATERIAL.

THE FIELD SURVEY ITSELF DATED FROM FEBRUARY, 1988 TO MAY, 1990 AND INCLUDED APPROXIMATELY 37 MILES OF CLOSED TRAVERSE EXTENDING FROM SECTION 12, T1N-R12W, TO SECTION 19, T1N-R11W AND INCORPORATED 1ST ORDER U.S.C.&G.S. TRIANGULATION STATIONS DAN 1889° AND "OTSEGO", OVER 50 U.S. PUBLIC LAND SURVEY CORNERS WERE RECOVERED, THE MAJORITY OF WHICH HAD BEEN PERPETUATED OR REESTABLISHED AND RECORDED BY DONALD A. RATEKIN, RLS, FORMER ALLEGAN COUNTY SURVEYOR. 7 U.S. PUBLIC LAND SURVEY CORNERS WERE REMONUMENTED AND 31 CORNERS ARE BEING RECORDED UNDER ACT 74 OF P.L. 1970. THE UPLAND PARCELS ARE GENERALLY UNDEVELOPED AND GROUND EVIDENCE OF THE TITLE LINES OFTEN OBSCURE. WHEN CORROBORATED BY THE RECORD, ESTABLISHED LINES MARKED BY OLD FENCES, ORIGINAL OR OLD SURVEY MONUMENTATION, AND LINES OF LONG USE AND ACCEPTANCE WERE HELD AS FIXED. IN THE ABSENCE OF PHYSICAL EVIDENCE OF THE ORIGINAL BOUNDARIES, OLD FLOWAGE MAPS, DEEDS OF ADJOINERS, TITLE HISTORY, AND EARLY SURVEY DATA PERTAINING TO THE THREE DAMS WERE EVALUATED AND, IN SOME CASES, ALLOWED TO BEAR ON THE INTERPRETATION OF THE RECORD DESCRIPTIONS. INDIVIDUAL TITLE AND ENCRoACHMENT PROBLEM AREAS ARE NOTED ON THE APPROPRIATE SURVEY DRAWING SHEETS.

THE MAPS WERE DRAFTED BY DONOHUE & ASSOCIATES OF LIVONIA, MICHIGAN, ON AN INTERGRAPH CAD SYSTEM.



SURVEYED BY GARY C. BILLOW, LLS	1988-90	DRAWN BY DONOHUE & ASSOC.	OCT 1990	NO. DATE BY	REVISIONS	NO. DATE BY	REVISIONS	DEPARTMENT OF MICHIGAN OF NATURAL RESOURCES	BOUNDARY SURVEY AND STATE LANDS	AREA OR PARK ALLEGAN COUNTY	PROJECT NO. 34-6702
DESIGNED BY	DATE	CHECKED BY GARY C. BILLOW, LLS	DATE	1.		3.		RECREATION DIVISION		PROJECT KALAMAZOO RIVER PROPERTY SURVEY	SHEET 1 OF 6
				2.		4.		ENGINEERING SECTION			PLAN NO. Y3M