



WATER-RIGHT DOCKET

Natchez Trace Parkway

Docket No: 2

KOSCIUSKO DISTRICT WATER SYSTEM WELL

Supporting Hydro Data

12-15-1967: water system data

WATER SYSTEM DATA

DATE

AREA Natchez Trace Parkway COLLECTED Dec. 15, 1967 COLLECTED BY B.S.M.

1. Name of System: Kosciusko District Water System
2. Location: State Mississippi County Attala General Area Kosciusko
Reference to permanent landmark -
3. Source of Supply: Town of Kosciusko Capacity *
(Well, Spring, Stream, Impoundment, etc.) 352
4. Type of System: Gravity
(Pumped, Gravity, etc.)
5. Treatment: Chlorination
(Filtration, Chlorination, Aeration, etc.)
6. Distribution Mains: Size 4" Length 1758'; Size Length
Size 2" Length 280'; Size Length
Size 1" Length 200'; Size Length
7. Pump Unit: Make -; Type ; Model No.
Serial No. ; Outlet in.; Inlet in.
(Size) (Size)
8. Power Source: - Motor: Make ; HP ;
(Elec., Gas, Generator)
Serial No. ; Voltage ; Amps ;
RPM ; Type ; Phase ;
Cycles ; Others ;
9. Control: Automatic -; Manual ;
(Float, Electrols, Pressure, etc.)
Other
(Explain)

*Approximately 250,000 gallons water used annually.

Other Supporting Information

COMPLETION REPORT
OF
CONSTRUCTION PROJECT

MATCHED PAGE FORMAT

TENNESSEE - ALABAMA - MISSISSIPPI

<u>Project or Job Title</u>	<u>Amount</u>	<u>Location</u>
Residences (2); Drawing Numbers PKY/NT 2965 (3 sheets); PKY/NT 2959A (sheet 1)	513.23	(Kosciusko Area, (Section 3-M-1,
Water Distribution System Extension PKY/NT 2959A (sheet 1)	513.23 --	(Attala County,
Sewerage System; PKY/NT 2959A (sheets 1 & 2)	513.23	(Mississippi
Comfort Station; PKY/NT 3043D	513.23	(Tolly Hill, Rocking (and Picnic Area,
Water System; PKY/NT 2991A (sheets 2 & 4)	513.23 --	(Section 3-M-1, (Attala County,
Sewerage System; PKY/NT 2991A (sheets 2 & 4)	513.23	(Mississippi
Exhibit Shelter; PKY/NT 3044C	513.23 --	(Beaver Dam Parking Area, (Section 3-M-2, (Leflore County, Mississippi

GENERAL REMARKS

Miscellaneous Construction; Kosciusko District; Cover Sheet-PKY/NT 2964 (1 sheet)
 Water & Sewerage Systems; Kosciusko District; Cover Sheet-PKY/NT 2991A (1 sheet)
 Kosciusko Residences and Utilities; PKY/NT 2959A (2 sheets)

Form 10-174
(Rev. 8-56)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

COMPLETION REPORT OF CONSTRUCTION PROJECT

REGION One	AREA Natchez Trace Parkway	COUNTY Itasca & Lenoir	STATE Mississippi
PROJECT OR JOB TITLE Kosciusko Res. Area Util. (2) and Utilities, Beaver Dam Exhibit Shelter; Holly Hill (Hanson) Pic. Area; Comfort Station		PCP NO. L-137; 138; 139	
LOCATION IN AREA Section 3-M-1		MASTER PLAN NO.	BUILDING NO. 102, 103, 143, 173
WORKING DRAWING NO. AND TITLE Attached			
APPROPRIATION TITLE AND SYMBOL MX1037 - Construction, Liquidation of Contract Authorization, NPS			WORK ORDER NO. 512.43
CONTRACT NO. See attached Sheet		DATE WORK STARTED August 1959	DATE WORK COMPLETED November 1959
NAME OF CONTRACTOR See attached Sheet		ADDRESS	

COST ANALYSIS

CONSTRUCTION ITEMS	QTY.	UNIT COST IN PLACE	TOTAL COST IN PLACE
Residences - Kosciusko	2		42,322.88
Utilities - Water - Sewer - Gas			6,602.00
Exhibit Shelter, Beaver Dam, including 4 panels	1		5,092.23
Comfort Station, Holly Hill	1		7,320.00
Utilities - Water - Sewer - Electric			<u>11,229.79</u>
Subtotal			75,566.90
PS&S (15.27%)			11,539.06
Fiscal Accounting Office Clearance SIGNED			
V. L. La Follette, Administrative Officer			
		TOTAL	87,105.96

SUMMARY OF EXPENDITURES

PERSONAL SERVICES \$270.64	EQUIPMENT Operation 0.23 Depreciation 1.22	MATERIALS AND SUPPLIES \$124.26
OTHER Contract Payments \$73,317.50; Other Direct \$1,772.06; PS&S \$11,539.06		

CHANGE ORDERS

ORIGINAL CONTRACT AMOUNT See attached sheets	FIRST	SECOND	THIRD
FINAL CONTRACT AMOUNT	FOURTH	FIFTH	SIXTH

THIS PROJECT OR JOB HAS BEEN COMPLETED IN ACCORDANCE WITH
APPROVED DRAWINGS, SPECIFICATIONS, AUTHORIZED CHANGES

SUBMITTED BY (Name and title) SIGNED John H. Saxon, Parkway Engineer	DATE JUL 1 1960
APPROVED BY (Name and title) SIGNED Malcolm Gardner, Superintendent	DATE JUL 1 1960

(ATTACH NARRATIVE STATEMENT, PHOTOGRAPHS, AND "AS BUILT" DRAWINGS TO THIS FORM)

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DISTRIBUTION OF COST

Contract No.	Name of Contractor	Keweenaw Maintenance & Resident		
		Residences (2)	Expansion Water System	2 Residences & Utilities Sewerage (2 Residences)
14-10-127-881	Black's Building Supply	\$42,263.00	3,165.00	3,199.00
* 14-10-127-884	Robert E. Ratliff Company Water Supply Well			
* 14-10-127-1007	Meraden Well & Supply Pump & Controls			
* 14-10-127-1006	Industrial Steel & Machine Works Elevated Tank (5,000 gal.)			
* 14-10-127-1005	Donald R. Sharp Water and Sewerage			
Sub-Total Contracts		\$42,263.00	3,165.00	3,199.00
Other and Day Labor				
	Five Extinguishers (2)	59.88		
	1" Gas Line			
	Museum Division - 4 Panels			
	Installation of 4 Panels			
	Electric Cable & Meter Loop			
	Tank Footings			
	Misc. water connections not included in contracts			
Total Cost Project Features		\$42,322.88	3,165.00	3,199.00
Total Cost Back Group				\$18,524.88
* Portion of contracts only, other portions accounted for in other project completion reports.		7,251.11	24,746.30	3,468.30

Cost distribution, Contract No. 14-10-127-881, estimated.

TRACT AMOUNTS & OTHER COSTS

Initial Area;		Beaver Dam Area Exhibit Shelter	Holly Hill Plastic Area; Comfort Station & Utilities				Totals
System ences)	Gas Line		Comfort Station	Water System	Sewerage System	Electric	
00		3,658.00	7,320.00				59,605.00
				3,463.50			3,463.50
				637.00			637.00
				3,880.00			3,880.00
				2,240.00	3,492.00		5,732.00
00		3,658.00	7,320.00	10,220.50	3,492.00		73,317.50
							59.08
	238.00						238.00
		1,393.23					1,393.23
		41.00					41.00
						130.18	130.18
				329.25			329.25
				57.86			57.86
00	238.00	5,092.23	7,320.00	10,607.61	3,492.00	130.18	675,566.90
		5,092.23		22,519.79			
7	36.34	77.58	1117.76	1619.78	532.13	143.80	11,239.068
19	274.34	5,869.81	8,437.76	12,227.39	4,025.23	150.00	87,105.96 ✓

NARRATIVE TO ACCOMPANY PROJECT COMPLETION REPORT

Employee Residences (2); Water Distribution System Extension; and Sewerage System all at the Kosciusko Residential Area, Section 3-M-1; One Comfort Station; Water Distribution System; and Sewerage System all at Holly Hill Parking and Picnic Area, Section 3-M-1; and One Exhibit Shelter at the Myrick Creek* Parking Area, Section 3-M-2 of Matches Trace Parkway, Mississippi

General: Contractors were as follows:

1. Blacks Building Supply Company, Mettleton, Mississippi, Contract No. 14-10-127-881 for construction of Residences (2), Water Distribution System Expansion, and Sewerage System at the Kosciusko Residential Area, Comfort Station at Holly Hill, and Exhibit Shelter at Myrick Creek.
2. Robert E. Ratliff Company, Well Driller of Granada, Mississippi, Contract No. 14-10-127-884, a portion of which was for the well at Holly Hill.
3. Donald B. Sharp, Louisville, Mississippi, Contract No. 14-10-127-1005, a portion of which was for the water distribution system and the sewerage system at Holly Hill.
4. The Herndon Well and Supply Company, Shannon, Mississippi, Contract No. 14-10-127-1007 a portion of which was for submergible type water well pump at Holly Hill.
5. The Industrial Steel & Machine Works, Gulfport, Mississippi, Contract No. 14-10-127-1006, a portion of which was to design footings and design, furnish materials, and erect the 5,000 gallon elevated steel water tank at Holly Hill.
6. Government day labor forces constructed the reinforced concrete tank footings and connected the tank to the water distribution system at Holly Hill and mounted the exhibit panels at Myrick Creek.

Construction pictures, tabulations of overruns and underruns, change orders, etc., are attached following the section of the report to which they refer.

Electric current, 120-240 volt, single phase, was furnished to the Kosciusko area by the City of Kosciusko and to the Holly Hill area by the Central Electric Power Association of Carthage, Mississippi, at no cost.

* This site formerly known as Myrick Creek, but now known as Beaver Dam

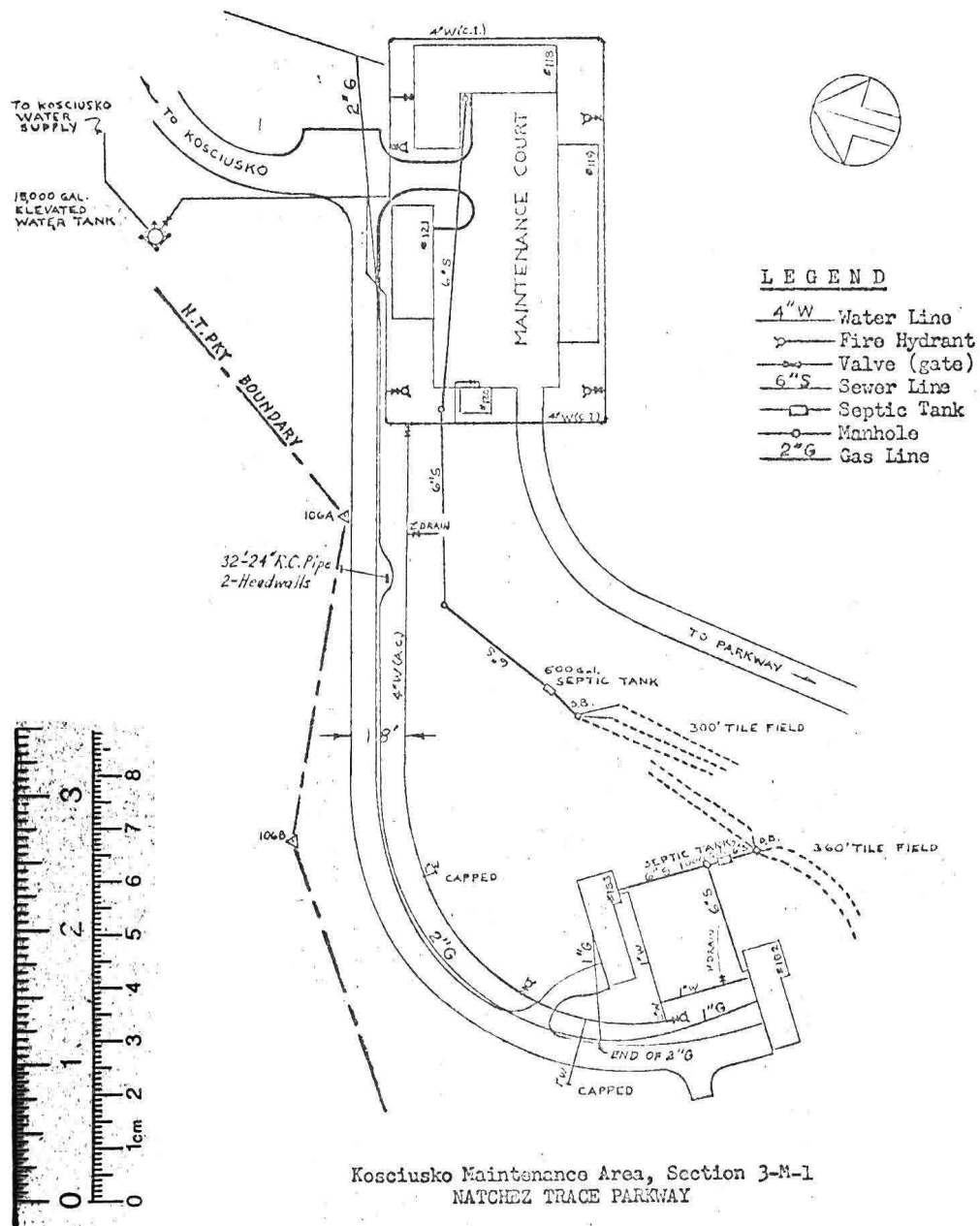
UTILITIES
WATER DISTRIBUTION SYSTEM EXPANSION
KOSCIUSKO RESIDENTIAL AREA

The water distribution system for the Kosciusko Maintenance Area was expanded to include the residential area, as a portion of Contract No. 14-10-127-881 by the Sanitary Plumbing Company of Tupelo, Mississippi, who was the recognized subcontractor of the prime contractor, Black's Building Supply Company of Nettleton, Mississippi. The expansion of the maintenance area water distribution system was installed substantially in accordance with Drawing No. PKY/MT 2959 A.

The water distribution system expansion work was carried on in connection with the residence construction. All layout and inspection was done by personnel of the Parkway Engineer's staff. On April 13, 1959, the water distribution system was tested and a pressure of 110 p.s.i. was held for 2 hours.

UTILITIES
Portion of Lump Sum Contract No. 14-10-127-881
Unit Cost and Portion Estimated
Water System Expansion

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
4" cement asbestos pipe	610	lin.ft.	3.25	1,982.50
1" galvanized steel pipe	200	lin.ft.	2.50	500.00
2" galvanized steel pipe	30	lin.ft.	2.75	82.50
4" fire hydrants	2	each	300.00	600.00
Total Contract				\$ 3,165.00
PS&S				483.29
Total				\$ 3,648.29



Scale: 1" = 100'

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FORM NO. 10-174 (REVISED 8/10/51)
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

COMPLETION REPORT
CONSTRUCTION PROJECT
OR
REHABILITATION JOB

DATE _____

REGION One AREA Natchez Trace Parkway STATE Mississippi
PROJECT OR JOB TITLE Kosciusko Maintenance Area PCP OR JOB NO. _____
LOCATION IN AREA Kosciusko, Mississippi MASTER PLAN NO. See Reverse side BLDG. NO. _____
WORKING DWG. NO. & TITLE _____ OF SHEET "AS CONST." DWG. SUBM. BY (DATE) _____
APPROPRIATION TITLE & SYMBOL 14X1013 Parkways ACCT. NO. 421 S&MC PROJ. SYMBOL _____

CONSTRUCTION DATA		SUMMARY OF EXPENDITURES	
CONSTRUCTION ITEMS	QUANTITIES		
Office and Shop	1	01 PERSONAL SERVICES	56.98
Warehouse & Material Storage Bldg.	1	02 TRAVEL	27.00
Equipment Storage Bldg.	1	03 TRANS. OF THINGS	
Oil and Paint Storage Building	1	04 COMM. SERVICES	
Concrete Court	1	05 RENTS & UTIL. SERV.	
Gravel Storage Yard	1	06 PRINTING & REPROD.	
Water Service	1	07 OTHER CONTR. SERV.	9.25
Sewage Disposal System	1	08 SUPPLIES & MATERIALS	
Landscaping, Gates and Fences		09 EQUIPMENT	
(For Cost Breakdown see reverse side)		10 LANDS & STRUCTURES	194,378.00
		15 TAXES & ASSESSMENTS	194,471.23
		TOTAL CONSTRUCTION COSTS	194,471.23
		TOTAL CONSTRUCTION ALLOT.	
		UNOBLIGATED BALANCE	
		TECH. SUPERVISION COSTS	
		TOTAL TECH. SUPER. ALLOT.	
		UNOBLIGATED BALANCE	
		TOTAL PROJECT COST	

REMARKS: The work was done under Contract No. I-27np-180 with Mac D. Saxon, Contractor, Montgomery, Alabama.

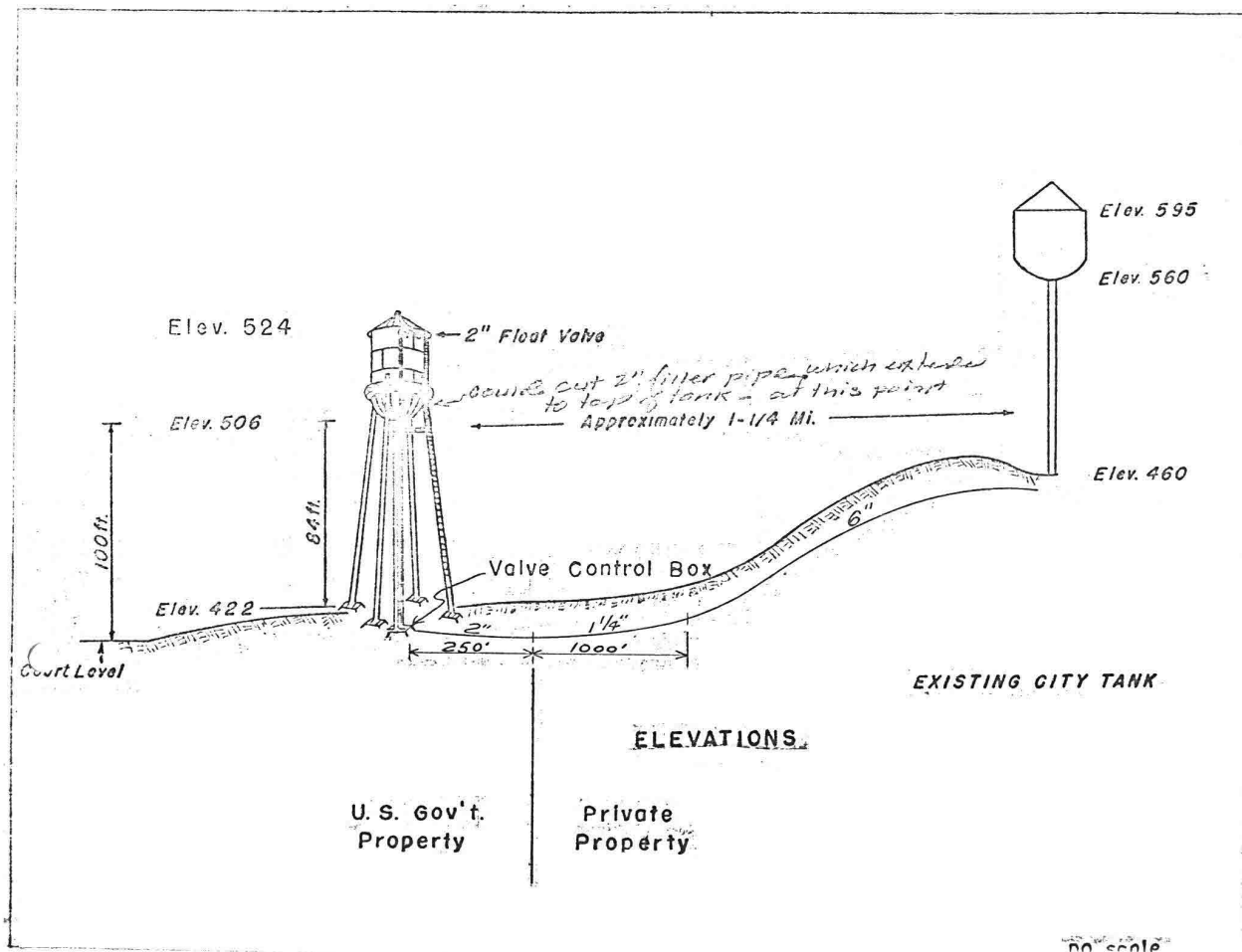
Buildings are constructed of concrete foundations, steel super-structure, metal walls, partitions and roof decking, metal doors, and metal windows, built-up roof, concrete floors, and electric lighting and power system in conduit. Office and Shop has plumbing and radiant heating. Court paved with concrete. Storage yard graveled. Water system consists of elevated steel tank, four fire hydrants and service to buildings. Sewage disposal system consists of concrete septic tank and tile field. Area around building covered with topsoil, seeded and landscaped with native shrubs and trees. Area is enclosed with a chain-link fence and gates.

THIS PROJECT OR JOB HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS AND AUTHORIZED CHANGES

DATE		DATE	
SUBMITTED: /s/ Robert E. Smith	6/7/50	CONCURRED:	
Architect	TITLE	ASST. REGIONAL DIRECTOR (D&C)	
CONCURRED: /s/ Malcolm Gardner	6/7/50	/s/ A. E. Dornary	6/10/50
SUPERINTENDENT		APPROVED: Actg. REGIONAL DIRECTOR	

<u>Working Plans Nos.</u>	<u>PCP No.</u>	<u>Drawing No.</u>
Layout Plan		PKY/NT-2284-C
Office and Shop	B-58	PKY/NT-2370-B
Radiant Heating - Office and Shop	B-53	PKY/NT-5300
Revised Roof Framing and Deck		PKY/NT-2483
Warehouse and Material Storage Building	B-59	PKY/NT-2374-B
Equipment Storage Building	B-60	PKY/NT-2373-C
Oil and Paint Storage Building	B-61	PKY/NT-2375-B
Typical Construction Details		PKY/NT-2466-A
Water Service	U-41	PKY/NT-5356-B
Sewage Disposal System	U-40	PKY/NT-5355-A

<u>Cost Breakdown as per Desilets Final Payment</u>		
Office & Shop Bldg.	5579 sq ft	70,000.00
Warehouse Bldg.	2823	32,000.00
Equipment Stor. Bldg.	4736	45,178.00
Oil & Paint Stor. Bldg.	384	9,000.00
	13,522	
Water System	21,813	23,170.00
Sewage System	1,357	
Court (Paved & gravelled) landscaping		13,094.83
Gates & Fencing		2,028.40
		<u>194,471.23</u>



Docket Information

Number of Documents in Docket 12

Documents Dated from 7/1/1960 to 12/15/1967

Docket Compiled: 5/27/2011