



Docket No: 6

COMFORT STATION BUILDING NO. 202, COLBERT PARK

03-22-1966: letter to regional director, southeast region from hydraulic engineer regarding the results of a ground-water study made



IN REPLY REFER TO:

March 22, 1966

Dear Mr. Cox:

The Tuscumbia Limestone and the Fort Payne Chert are productive aquifers in Colbert County. Ground water in these formations occurs in solution openings along fractures and bedding planes. A successful well must

penetrate a sufficient number of openings to provide the desired quantity of water. The water-bearing openings in the limestone and chert are generally most numerous and most productive at depths less than 250 feet below land surface.

Water of suitable quality and of sufficient quantity at the Cherokee area can be obtained from a well at the site of test well 3. Test well 3 was drilled to a depth of 208 feet and water-bearing openings were penetrated, which yielded an estimated 15 gpm at 50 to 61 feet and 45 gpm at 186 feet. During a 12-hour pumping test on this well on Aug. 3 and 4, 1965, the drawdown in water level was 14 feet in response to pumping 57 gpm. Hence, the specific capacity was 4 gpm per foot of drawdown. If the well is pumped at the planned rate of 25 gpm, the drawdown will be about 6 feet. The water table at the site of test well 3 is expected to fluctuate seasonally between 15 and 50 feet below land surface. The results of the aquifer test indicate that test well 3 could be pumped at 140 gpm with a drawdown in water level of about 35 feet. This would necessitate a pump setting of about 90 feet.

Two water samples were collected during the pumping test for chemical analysis. The results of these chemical analyses, made by the U.S. Geological Survey laboratory in Baton Rouge, La. and reported in parts per million are given on the attached page.

The results of the analyses indicate that the water is very hard and slightly high in iron content. The iron content is an unusual occurrence in water from limestone aquifers in this area and may decrease with pumping.

Water of suitable quality and of sufficient quantity at the Colbert Ferry area can be obtained from wells at the sites of test wells 5 and 6.

Test well 5 was drilled to a depth of 202 feet and penetrated a water-bearing opening at a depth of 159 feet which yielded an estimated 50 gpm. During a 12-hour pumping test on Aug. 4, 1965, the drawdown in water level was 20 feet, in response to pumping 107 gpm. This indicated a specific capacity of about 5 gpm per foot of drawdown. If the well is pumped at the planned rate of 75 gpm, the drawdown in water level will be about 14 feet. The water table at the site of test well 5 is expected to fluctuate seasonally between 50 and 85 feet below land surface. The results of the aquifer test indicate that test well 5 could be pumped at 150 gpm with a drawdown in water level of about 28 feet. This would necessitate a pump setting of about 120 feet.

Test well 6 was drilled to a depth of 151 feet. A pumping test was run on this well on Aug. 20, 1965. During the 12-hour test the drawdown in water level was about 40 feet in response to pumping 43 gpm. The specific capacity was about 1 gpm per foot of drawdown. The water table at the site of test well 6 is expected to fluctuate between 70 and 95 feet below

land surface. Data obtained from the pumping test indicate that the well should not be pumped in excess of 30 gpm. The drawdown in water level at 30 gpm would be about 30 feet. Necessary pump setting would be about 130 feet.

Two water samples were collected during the pumping test run on wells 5 and 6 for chemical analysis. The results of these analyses are given on the attached page.

If any of the basic data that were collected during the investigation should be needed, please do not hesitate to advise.

Sincerely yours,

For the District Chief
William L. Broadhurst


James W. Board
Hydraulic Engineer

TEST WELL 5

Colbert Ferry

Natchez Trace Parkway, Colbert County, Alabama

Chemical Analysis
(parts per million)

	<u>Sample collected after</u> <u>35 minutes of pumping</u>	<u>Sample collected after</u> <u>12 hours of pumping</u>
Silica (SiO ₂)	7.7	7.8
Iron (Fe)	.30	.02
Calcium (Ca)	49	44
Magnesium (Mg)	5.5	8.3
Sodium (Na)	.9	.9
Potassium (K)	.4	.5
Bicarbonate (HCO ₃)	172	172
Carbonate (CO ₃)	0	0
Sulfate (SO ₄)	0	0
Chloride (Cl)	2.0	2.2
Fluoride (F)	0	0
Nitrate (NO ₃)	1.4	1.8
Dissolved solids	155	160
Hardness, as CaCO ₃	145	144
Noncarbonate hardness	4	3
Specific conductance (micromhos at 25°C)	278	281
pH	6.6	6.4
Color	5	0
Temperature (°F)	62	62

TEST WELL 6

Colbert Ferry

Natchez Trace Parkway, Colbert County, Alabama

Chemical Analysis
(parts per million)

	<u>Sample collected after</u> <u>1 hour of pumping</u>	<u>Sample collected after</u> <u>13 hours of pumping</u>
Silica (SiO ₂)	8.4	8.7
Iron (Fe)	.17	.04
Calcium (Ca)	54	50
Magnesium (Mg)	3.7	1.2
Sodium (Na)	1.6	1.6
Potassium (K)	.2	.2
Bicarbonate (HCO ₃)	180	153
Carbonate (CO ₃)	0	0
Sulfate (SO ₄)	0	0
Chloride (Cl)	1.5	.9
Fluoride (F)	0	0
Nitrate (NO ₃)	.2	.2
Dissolved solids	164	138
Hardness as CaCO ₃	150	130
Noncarbonate hardness	2	4
Specific conductance (micromhos at 25°C)	289	252
pH	7.1	6.9
Temperature (°F)	63	62

Topographic map of the Cherokee and Tusculum National Forests area. The map shows contour lines, roads, and landmarks. Key features include:

- Geographic Labels:** CREEK, SOUTHERN, HIGHWAY, Underground, Pipeline, Covered bridge, Creek.
- Benches:** BM 119 473, BM 119 472.
- Map Orientation:** North arrow pointing up.
- Scale:** 1 inch = 1 mile.
- Grid:** R. 14 W., T. 3 S., T. 4 S.
- Other Labels:** MT. HESTER 3.1 MI., Cherokee 13 MI., TUSCULUM 18 MI.

EXPLANATION

TEST WELL PLANNED FOR CONSTRUCTION
OF WATER SUPPLY WELL

Other Supporting Information

83-10-30-2
H. R. Copy.

W

L54 WSC-WR

October 27, 1969

Memorandum

To: Superintendent, Natchez Trace Parkway
From: Supervisory Hydraulic Engineer, Water Resources, WSC
Subject: Water Right Dockets, Colbert Park, Natchez Trace

We are revising water right docket No. 18, "Colbert Ferry Development Water System" to reflect the two separate water supplies in the area. The name of docket No. 18 has been changed to "Comfort Station Building No. 202 Water System" and the data pertinent to this system has been retained.

A new docket No. 20 has been established entitled "Visitor Contact Station Building No. 276 Water System." The data pertinent to this system has been installed in this jacket.

A copy of each new docket is enclosed so that the records in all offices will be identical. The old water right docket No. 18 can be destroyed.

(Sgd) Richard W. Ketcham
Richard W. Ketcham

Enclosures

cc:
Regional Director, Southeast
Chief, Division of Water Resources, WASO w/encl
Acting Chief, Office of Environmental Planning
and Design, WSC w/encl

Form 10-174
June 1962)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Work Order No.

048

FACE SHEET FOR COMPLETION REPORT

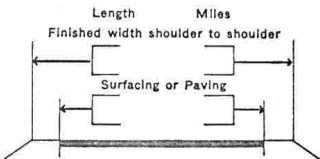
Park	Region	Fund Symbol
atchez Trnce Parkway	Southeast	14X1037
Location in Park	State(s)	Year Programmed
colbert Park, Section 2-C	Alabama	1963
	County or Counties	PCP No.
	Colbert	B-166, U-94
		Master Plan No.
		Master Plan Corrected By
		As Built Drawings By
☒ Contract and/or ☒ Day Labor		Date Started
Work Order Title -C comfort stations (3) and Utilities, Colbert Ferry rea, B-166 and U-94 (Comp.) (One comfort station nly)		October 1967
		Date Completed
		October 1968 / 10/82

DESCRIPTION OF FIXED ASSETS (For completion by employee in charge of project)		TOTAL COSTS (For completion by FFO)
concrete walks & steps (0.02 mi.)	\$ 925.00	
comfort station, Bldg. No. 202	11,670.50	
6 ft. 2" G.S. water pipe	57.20	
- 2" gate valve and box	99.00	
619 ft. 6" C.I. water pipe	5,796.02	
submersible pump, controls, etc.	911.00	
utility Building No. 287	3,123.00	
drinking fountain	458.00	
manhole, 4' square	140.00	
- 4,000 gal. septic tank	1,700.00	
0 ft. 6" C.I. sewer pipe	187.50	
seepage bed (30' x 40')	700.00	
grounds Improvements (day labor)	652.66	
Total		\$26,419.88
212 Trails	925.00	32,496.45
220 General Buildings	11,670.50	
230 Utility System	13,171.72	
240 Grounds & Other Improvements	652.66	
TOTAL		\$ 32,496.45

DISTRIBUTION	THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES		
To	Submitted By	Title	Date
WACO	By: <i>Robert L. Matthews</i>	Civil Engineer	2/12/69
NSC	Approved By: <i>Robert L. Matthews</i>		
SE RRG	By: <i>Donald B. Sawyer</i>	Acting Superintendent	2/12/69
NEP FILE	COSTS VERIFIED	Title	Date
	BY T. J. Baer	Regional Accountant	FEB 27 1969

Form 10-411
(October 1957)UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

PROJECT CONSTRUCTION PROGRAM PROPOSAL

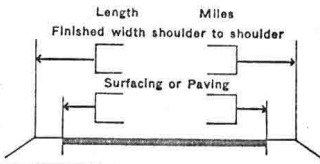
1. NAME OF AREA Natchez Trace Parkway		LOCATION OF AREA (STATE) Mississippi-Alabama-Tennessee	
2. PROPOSED WORK Construct utilities, Colbert Ferry Park			
3. DIMENSIONAL DATA			
4. LAND STATUS AND DATA Part already Government-owned; remainder being acquired by State			
5. CONSTRUCTION DATA Water supply well, pump, and elevated tank. 10,000 feet 4" pipe, 400 feet 1" pipe, 4 fire hydrants, 8 drinking fountains. Four separate sewage disposal systems for 4 comfort stations. 2,000 feet underground electric cable.			
6. JUSTIFICATION This development on the Tennessee River consisting of approximately 500 acres will provide recreational facilities for parkway visitors. Utilities are not available and must be provided for picnic, campground, river, and other facilities.			
7. MISCELLANEOUS DATA-REMARKS-REPORT REFERENCES Cost based on preliminary sketch layout. Design data for sewerage system and water supply well not available.			
8. DATA ON THIS FORM PREPARED BY Date 7-8-60 Name <i>John H. Saxon</i> Title Parkway Engineer		9. PCP CROSS-REFERENCES B-166	
10. ESTIMATE--CLASS B Construction and Facilitating Services \$ 83,000 Contingencies \$ 4,840 Plans, Surveys, and Supervision \$ 9,760 Grand Total \$ 97,600		11. DRAWING NO. Preliminary Working Set, PKY-WT 3043-C	
12. RECOMMENDED Name <i>Milton J. Jacobs</i> Title Acting Project Supervisor Date 7-20-60 PCO ~~XXXX~~ FIELD OFFICE, D & C		13. APPROVED Name <i>Charles S. Marshall</i> Title SUPERINTENDENT Date 7/22/60	
14. NAME OF PROJECT Utilities Route No. 2 Section C Master Plan Drawing No. PKY-WT 2865-B		15. LOCATION WITHIN AREA OR TERMINI Colbert Ferry Park (Alabama)	
		16. INDEX NO. U-94 BPR ☐ NPS ☒	

(If additional space is needed to insure complete description, use reverse and refer to item No.)

1462, 1463, 1464 51428

Form 10-411
(October 1957)UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

PROJECT CONSTRUCTION PROGRAM PROPOSAL

1. NAME OF AREA Natchez Trace Parkway		LOCATION OF AREA (STATE) Mississippi-Alabama-Tennessee	
2. PROPOSED WORK Construct four comfort stations, including flush toilets, wash basins, etc.			
3. DIMENSIONAL DATA 11' x 22' each			
4. LAND STATUS AND DATA Part already Government-owned; remainder being acquired by State			
5. CONSTRUCTION DATA Concrete footings, masonry walls, built-up roof, tile walls and floors			
6. JUSTIFICATION Development consists of picnic, campground, boating, and other facilities in the 500-acre area. Provisions for water borne sewage is necessary for use of visitors using these facilities.			
7. MISCELLANEOUS DATA—REMARKS—REPORT REFERENCES			
8. DATA ON THIS FORM PREPARED BY Name <u>John H. Saxon</u> Title <u>Parkway Engineer</u> Date <u>7-8-60</u> Name <u>Milton J. Orcutt</u> Title <u>Acting Project Supervisor</u> Reviewed <u>July 1960</u>		9. PCP CROSS-REFERENCES U-94 11. DRAWING NO. Preliminary Working <u>Standard</u> 12. RECOMMENDED Date <u>7-18-60</u> 10. ESTIMATE—CLASS B Construction and Facilitating Services \$ <u>30,400</u> Contingencies \$ <u>1,820</u> Plans, Surveys, and Supervision \$ <u>3,580</u> Grand Total \$ <u>35,800</u> 13. APPROVED Date <u>7/22/60</u> SUPERINTENDENT BPR ☐ NPS ☒	
14. NAME OF PROJECT Comfort Stations (4) Route No. <u>2</u> Section <u>C</u> Master Plan Drawing No. <u>PKY-NT 2865-B</u>		15. LOCATION WITHIN AREA OR TERMINI Colbert Ferry Park (Alabama)	
16. INDEX NO. B-166			

(If additional space is needed to insure complete description, use reverse and refer to item No.) 1562, 1963 & 1964 51428

Form 10-174A
(June 1962)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

W Order Number

225048

Fund Symbol

14X1037

COMPOSITION OF COST FOR COMPLETION REPORT

Park	Region	Year Programmed
Natchez Trace Parkway	SE	1963
Location in Park		
Colbert Park, Section 2-C		
Work Order Title		
2-C comfort stations (3) and Utilities, Colbert Ferry Area, B-166 and U-94 (Comp.)		
(One comfort station only)		

COMPOSITION OF COST

COSTS CHARGED TO FUNDS ALLOTTED TO FIELD FINANCE OFFICE		
(1) Personal Services.....	\$ 531.96	
(2) Travel.....		
(3) Contract Work	25,767.22	
(4) Supplies and Materials.....	120.70	
(5) Other Direct Expenses.....		
(6) Operation of Equipment.....		
(7) Depreciation of Equipment.....		
(8) Purchase of Construction Equipment.....		
(9) Purchase of Other Accountable Equipment		
(10) Other Costs:		
(11) TOTAL COST CHARGED TO FFO FUNDS	xxxxxxxxxx	\$ 26,419.88
OTHER COSTS:		
(12) PS&S, AP, and/or Facilitating Services @ 23 %.....	\$ 6,076.57	
(13) Inventory and Other Non-Fund Costs		6,076.57
(14) GROSS WORK ORDER COSTS	xxxxxxxxxx	\$ 32,496.45
LESS:		
(15) Residual Value of Construction Equipment on Line 8.....	\$	
(16) Other Credits		
(17) NET COST OF FIXED ASSETS	xxxxxxxxxx	\$ 32,496.45

Identify other costs and other credits by line item entry, on an attached schedule, or explain in narrative.

CONSTRUCTION PROJECT
COMPLETION REPORT
ASSET DESCRIPTION DATA SHEET

PARK Natchez Trace Parkway CONTRACT NO. 14-10-1-604-256

ROADS & PARKWAYS

Primary ☐

Secondary ☐

Type Surface _____ Length _____ Width _____

Route Number _____ Origin _____ Terminus _____

Cost _____

TRAILS

Surface Concrete Length 0.02 mi. Width 5'-6"

Name or Number Walks at Bldg. No. 202

Cost \$925.00 ✓

BUILDINGS

Type Building Comfort Station Building Number 202
Visitor Center, Utility, etc.

Construction Materials Reinforced concrete foundation, footing, and floor, brick walls, wood frame with built-up roof

No. of Rooms 3 Sq. Ft. 303 Heating Electric

Type Air Cond. -- Other Uses Restroom

Cost \$11,670.50 ✓ Rest Room, Museum

STRUCTURES

Kind of Structure Flagpole, Overlook

Detailed Description _____

Cost _____

UTILITIES

WATER SYSTEM

Detailed Description of System & Components 1619 ft. 6" C.I. pipe, 26 ft. 2" G.S. pipe, 2 H.P. submersible pump, one drinking fountain, and one 87 sq. ft. utility building, No. 287.

Cost \$10,444.22 ✓

NARRATIVE TO ACCOMPANY PROJECT COMPLETION REPORT
COMFORT STATION, WALKS & UTILITIES
COLBERT PARK, SECTION 2-C
NATCHEZ TRACE PARKWAY
WORK ORDER NO. 225048

GENERAL:

This work consisted of constructing and installing (1) water system, including a 2 H.P. submersible well pump and motor unit with 130 linear feet of 1-1/4-inch galvanized steel riser pipe, underground discharge unit, 1619 linear feet of 6-inch C.I. water main, electrical controls, cables, etc.; (2) utility building with 220 gallon pneumatic water storage tank, chlorinator, piping, electrical service, mechanical, and miscellaneous equipment; (3) sewerage system with piping, septic tank, and seepage bed; and (4) comfort station building complete and operating, and entrance steps and walks. Construction was in the Colbert Park area.

After receiving plans and specifications from Philadelphia Service Center, the Natchez Trace Parkway issued invitations for bids July 21, 1967. Three bids were received. The bid opening was on August 11, 1967. Bigbee Construction Company, Inc., of Tuscumbia, Alabama, was the low bidder with a bid of \$25,270.50. Prime Contract No. 14-10-1-604-256 was awarded to Bigbee Construction Company, Inc. on August 20, 1967. Subcontractors on the work were Briggs Plumbing Company, Jones Electrical Company, Estes Tile and Marble Company, Lookout Roofing and Heating Company, and Wilson Painting Company.

A preconstruction conference was held at the Natchez Trace Cherokee Maintenance Area, September 19, 1967. Those attending and their respective organizations were:

Bigbee Construction Company, 402 S. Dickson, Tuscumbia, Alabama 35674

Mr. Richard Hall, Bigbee Construction Company
Mr. Larry Bigbee, Bigbee Construction Company
Mr. E. L. Briggs, Briggs Plumbing Company
Mr. Verbon Jones, Jones Electrical Company

National Park Service, Natchez Trace Parkway, Post Office Box 948,
Tupelo, Mississippi 38801

Donald R. Sarver, Administrative Officer
M. J. Orcutt, Project Supervisor, WSC
Glenn C. Farrar, Assistant Chief of Maintenance
M. F. Crudele, Landscape Architect, WSC

Notice to Proceed was issued September 19, 1967, and was signed by Richard W. Hall, September 25, 1967.

Notice of beginning date was issued September 26, establishing September 26 as the first day of the contract and November 14, 1967, as the final date of the contract.

Stop Order No. 1 was issued by the contracting officer September 26, 1967, and signed by R. W. Hall September 29, 1967. The stop order was necessary because the contractor was not able to gain entrance to the contract site due to a Bureau of Public Roads contract underway for building park roads.

An order to resume work was issued by the contracting officer October 4, 1967, establishing November 27, 1967, as the new completion date.

Stop Order No. 2 was issued by the contracting officer November 28, 1967, and signed by R. W. Hall December 1, 1967. The stop order was necessary as the contractor could not proceed with work because of unavoidable delays in receipt of an electrical control panel, brick vent grills, electrical furnace, water meters, and drinking fountain head and basin.

A resume order was issued by the contracting officer January 25, 1967, establishing February 6, 1968, as the new completion date.

Change Order No. 1 was issued by the contracting officer October 27, 1967. Under this change order the contractor was authorized to install one drinking fountain. This increased the contract amount \$450.00. The contractor was also allowed an extension of three days contract time. The new completion date thus became November 30, 1967.

Change Order No. 2 was issued by the contracting officer November 13, 1967. Under this change order the contractor was authorized to install walks, steps, and ramps. The walks as indicated on the construction drawings were found to be impractical, and it was found necessary to provide a more logical and safe method of approach to the comfort station. This increased the contract amount \$725.00. The contractor was allowed an extension of seven days contract time. The new completion date became December 7, 1967.

Change Order No. 3 was issued by the contracting officer January 31, 1968, allowing an extension of five additional contract days due to the contractor not being able to work for five days in the period between October 31 and November 3, 1967. Thus the new completion date became February 11, 1968.

Change Order No. 4 was issued by the contracting officer February 7, 1968. This change order was necessary to change the allowance for face brick from \$100.00 per thousand to \$63.00 per thousand. This decreased the contract amount \$129.50. No allowance of time was made for this change.

The work was completed February 7, 1968, and a final inspection was made February 7, 1968. Contractor's representatives were Mr. R. W. Hall, Vice President; Mr. Larry Bigbee, Construction Superintendent; Mr. Herman Hall, Superintendent, Briggs Plumbing Company, Subcontractor; and Mr. Verbon Jones, Jones Electrical Company, Subcontractor. Park Service representatives were Bobby Matthews, Civil Engineer; Milton J. Orcutt, Project Supervisor; and Marcel Crudele, Landscape Architect.

Final estimate for the contract was \$25,767.22.

The request for release of claims was issued by the contracting officer February 23, 1968, and the release of claims was signed by Larry Bigbee, Vice President, February 28, 1968.

The work on this contract as conducted by the Bigbee Construction Company, Inc., and their subcontractors was carried out in an efficient and skilled manner. Progress was good except for holdups due to adverse weather conditions and difficulty in obtaining delivery of critical materials, particularly the electric control panel and Electromode Furnace which caused the most delay. The Automatic Control Company of St. Paul, Minnesota, notified the contractor that it would take 80 days following receipt of approved shop drawings to deliver the Autocon Planpak Assembly. This fact was investigated and verified by the PSC. It was then necessary for the contractor to find an acceptable substitute. This was finally accomplished, and the unit manufactured and furnished by Connector Products Corporation, Birmingham, Alabama. The Electromode Furnace had to be manufactured as a special order by the Craig-Owen Company, Auburn, New York, and delivery held up waiting for inspection and certification by the Underwriters Laboratory of Chicago, Illinois.

COMFORT STATION:

The comfort station was constructed in accordance with PSC-DC Drawing No. PKY-NT 3403. This building covering a total of 303 square feet includes a men's toilet with two water closets, one urinal, and two lavatories; and a women's toilet with two water closets, one urinal, and two lavatories. A storage room is between the two toilets.

The building is constructed on a reinforced concrete foundation poured monolithically with the concrete floor slab, concrete block with face brick exterior walls, wood framing, and built-up roof. The interior walls of the toilet rooms are faced with ceramic tile to a height of 5 feet. The toilet room floors are covered with ceramic tile. The wall tile is standard grade, cushion edge, $4\frac{1}{4}$ " x $4\frac{1}{4}$ " ceramic glazed tile with flush cove base $3\frac{3}{4}$ " high and bullnose cap, Pattern No. 251, Color - Butternut manufactured by Stylon Corporation. The floor tile is ceramic mosaic, unglazed 1" x 1", Pattern No. 2316, Color - Beige Pageant, manufactured by Stylon Corporation. The toilet partitions were manufactured by Sanymetal Products Company, Inc.,

Cleveland, Ohio, Color No. 66 - Apricot. Lithonia Lighting Fixtures, WA Series were used in both toilet rooms. All plumbing fixtures were manufactured by American Standard. An electric furnace was installed in the storage room between the two toilets for heating both toilets. The furnace is a single phase, 240 volt, "Electromode," Catalog No. 8730, Model No. ECS-10, as manufactured by Electromode, the Singer Company, New York. The locks on all doors are master-keyed to Schlage No. RL21909. The face brick is wire cut, Sample No. 983D, Velour Standard by Holly Springs Brick and Tile Company. The paint colors and mixtures on the comfort station were as follows:

<u>Exterior woodwork:</u>	<u>Color</u>	<u>Mix, Sherwin-Williams</u>
	Sage Brush Gray	1 gal. Ardmore Green A-100 Latex 1 gal. Doeskin A-100 Latex 1 qt. Fairfax Brown A-100 Latex
	<u>Color</u>	<u>Mix, Sherwin-Williams</u>
Interior block walls, ceiling, doors, and trim:	Off White	1 gal. Dover White A-100 Latex 1/16 oz. Ochre tinting color
	<u>Color</u>	<u>Mix, Sherwin-Williams Gloss House Paint for Metal</u>
Metal gravel stop, roof vents, etc.:	Sage Brush Gray	1 qt. Ardmore Green 1 qt. Doeskin 1/2 pt. Fairfax Brown

WATER WELL:

The water well was drilled by Miller Drilling Company, Lawrenceburg, Tennessee, during 1966 F. Y. under contract No. 14-10-0127-1733. Funds for the well drilling were financed by the WSC out of 1965 F. Y. Water Resources Funds. The cost for the water well is not included under this Work Order.

WATER WELL PUMP:

The water well pump was installed as a part of Contract No. 14-10-1-604-256. The pump is a Red Jacket 18 GPM Series, Model 12CB, 2 H. P. Submerga, Single Phase, 220 volt, 3450 RPM, capable of pumping 20 GPM at 240 ft. total head. The pump was installed by Martin Supply Company, Sheffield, Alabama.

WATER DISTRIBUTION SYSTEM:

A water distribution system was installed as a portion of Contract No. 14-10-1-604-256 by Ed Briggs Plumbing Company, Florence, Alabama, Sub-contractor. The water system was built substantially in accordance with PSC-DC Drawing No. PKY-NT 3401.

The water distribution system consists of 1619 ft. 6" C. I. pipe, 26 ft. 2" G. S. pipe, 2 H. P. submersible pump, a utility building with 220-gallon pneumatic tank, chlorinator, piping, wiring, etc., and a drinking fountain.

A 1½" galvanized steel water line connects the drinking fountain to the distribution system. The drinking fountain was built similar to the drinking fountains at Witch Dance Picnic Area.

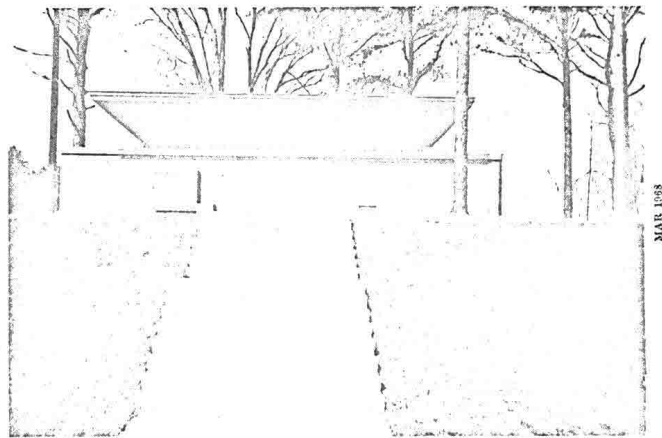
The utility building was built as a part of the water distribution system. The building is constructed on a reinforced concrete footing, 8" concrete block foundation, 6" reinforced concrete floor slab, 8" concrete block walls, and 5" reinforced concrete roof slab. The utility building houses a 220-gallon pneumatic water storage tank, chlorinator, and pump controls. The utility building was built in accordance with the plans and specifications.

SEWERAGE SYSTEM:

The sewerage system constructed as a part of Contract No. 14-10-1-604-256 was designed to handle waste from the comfort station, Building No. 202. The system consists of a 4,000-gallon septic tank, 1 manhole, 50 ft. 6" C. I. sewer pipe, and a 1,200 sq. ft. seepage bed. The system was constructed in accordance with PSC-DC Drawing No. PKY-NT 3401.

DAY LABOR:

The final grading, seeding, fertilizing, and sodding were completed by NPS forces. All work was completed by September, 1968.



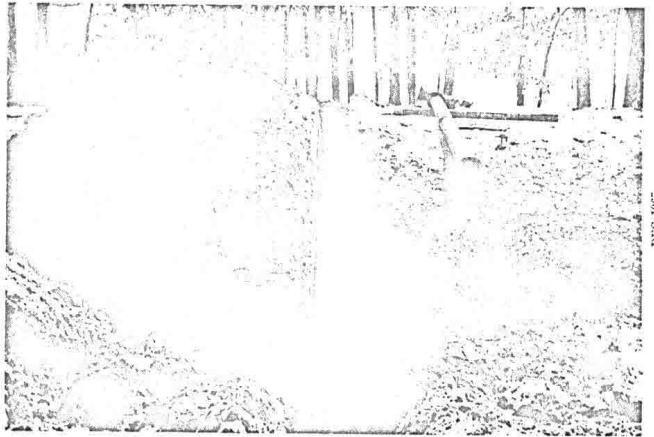
COMPLETED COMFORT STATION AND WALKS, BLDG. NO. 202
COLBERT PARK, SECTION 2-C
NATCHEZ TRACE PARKWAY

PHOTOGRAPH TO ACCOMPANY PROJECT COMPLETION REPORT



COMPLETED UTILITY BUILDING NO. 287, WELL NO. 2
COLBERT PARK, SECTION 2-C
NATCHEZ TRACE PARKWAY

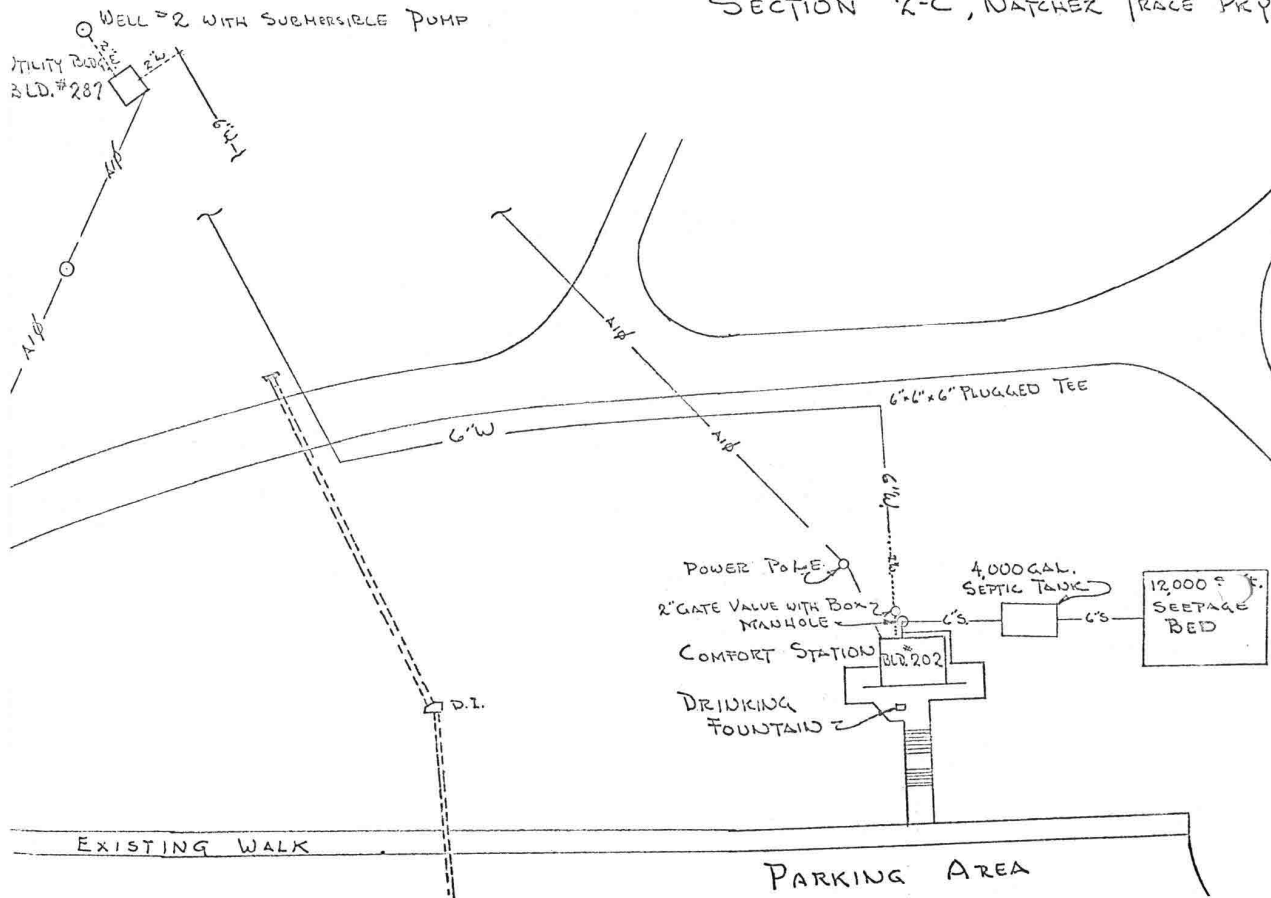
PHOTOGRAPH TO ACCOMPANY PROJECT COMPLETION REPORT

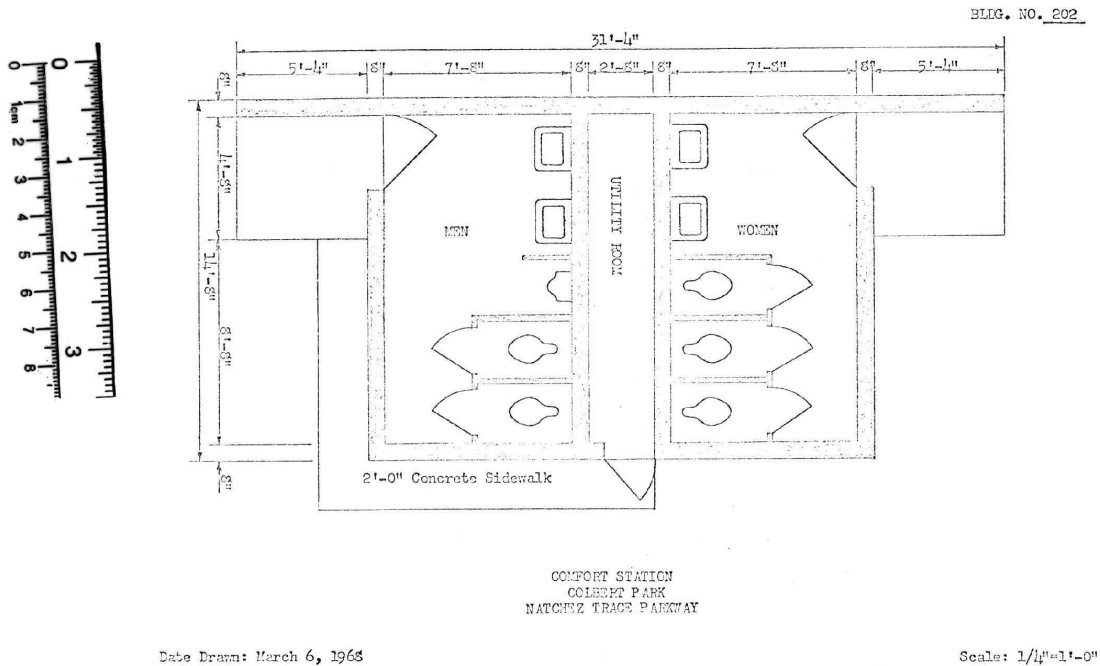


6" C. I. WATER MAIN UNDER CONSTRUCTION
FROM WELL NO. 2 TO COMFORT STATION, BLDG. NO. 202
COLBERT PARK, SECTION 2-C
NATCHEZ TRACE PARKWAY

PHOTOGRAPH TO ACCOMPANY PROJECT COMPLETION REPORT

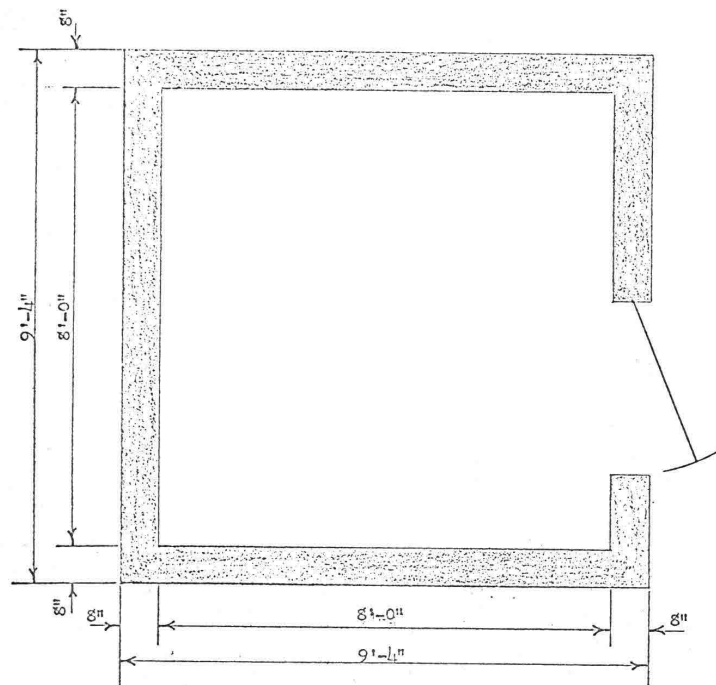
COLBERT PARK MARINA
COMFORT STATION
SECTION 2-C, NATCHEZ TRACE PKY.





Bldg NO. 287

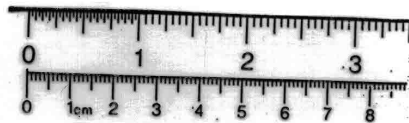
Well NO. 2



UTILITY BUILDING
COLBERT PARK
NATCHEZ TRACE PARKWAY

Date Drawn: Feb. 29, 1968

Scale: 1"=2'-0"



154 SER(OLN)

MAY 18 1965

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~~STW~~
Read
WIS/26

Memorandum

To: Chief, EODC

From: Acting Assistant Regional Director, Operations,
Southeast Region

Subject: Test well sites at Colbert Ferry Development, Natchez
Trace Parkway

District Geologist Powell, USGS, Tuscaloosa, Alabama, has selected the locations of the proposed test wells at the Colbert Ferry Development. The proposed locations are marked by small red dots numbered one and two as shown on the enclosed sketch.

On May 13, Mr. Vick discussed with Mr. Powell the recommendations for the test well sites. Mr. Vick inquired if the geologic conditions were similar in the utility area to those in the selected test well site #1 area. The reason for this inquiry was based on the fact that a water well in the utility area would permit a more convenient tie in with the water storage reservoir. It was learned that geologic conditions are generally the same in both areas. Therefore, we have decided the first test well will be drilled in the vicinity of the utility area if this is agreeable with you and the Parkway staff. Engineer John Saxon can select the exact site and mark it with a stake.

You will note the geologist has selected a second test well site, #2, on the north side of Colbert Bay. We plan to drill at this site so the full ground water potential will be known for future expansion of the Parkway development.

Please give us your comments on the suggested locations of the test wells.

W. Mikell

Enclosure

cc:
✓ Director, w/enc.
Supt., Natchez Trace, w/enc.

NATR

Number of Documents in Docket	25		
Documents Dated from	7/8/1960	to	10/27/1969
Docket Compiled:	5/27/2011		