

January 23, 1958

Mr. R. B. Midkiff, Chief Engr.
Office of Chief Engineer, M. of W. & S.
Knoxville 24, Tennessee

(9525)
LH-65

Dear Mr. Midkiff:

Please have the contract covering the railroad crossing by our electric lines at a point 2083 feet from MP-51 drawn as follows:

"City of Harriman, Tennessee, a municipal corporation created and existing under and by virtue of the laws of the State of Tennessee, acting herein by and through the Harriman Utility Board, hereinafter styled the Licensee,"

The closing part of the contract by the city should read as follows:

City of Harriman, Tennessee, acting herein by and through the Harriman Utility Board.

By _____
Chairman of Harriman Utility Board

In presence of:

City Licensee

Yours very truly,

HARRIMAN UTILITY BOARD

C. E. Perkins, Mgr.

cc to: Mr. J. A. Johnson
Office of Superintendant
Southern Railway System
Knoxville, Tennessee

LH-65

SOUTHERN RAILWAY SYSTEM

APPLICATION FOR WIRE CROSSING

ELECTRIC LIGHT, POWER SUPPLY AND TROLLEY LINES

To the Superintendent of Knoxville Division:

The undersigned hereby makes application to cross the right of way of the Southern Rail way T. V. A.

Company with a line of wires, as described below, forming a part of the applicant's line extending from Sub Oliver Springs Area and hereby agrees to construct, install, maintain and renew said crossing in strict accord with the applicable requirements of the latest issue of REPORTS OF JOINT ENGINEERING COMMITTEE OF ASSOCIATION OF AMERICAN RAILROADS AND EDISON ELECTRIC INSTITUTE ON CROSSINGS OF ELECTRICAL SUPPLY LINES AND FACILITIES OF STEAM AND ELECTRIFIED RAILROADS, regardless of anything in the following descriptions which may be in conflict with such specifications, and further agrees, before attempting to effect the same, to execute, promptly upon submission, a contract, in form required by the Railway Company to cover said crossing.

DESCRIPTION OF PROPOSED CROSSING

between MP 50 & 51

Proposed crossing to be located 2083' From MP 51 ft. { N or E } { S or W } of M. P.

between and and will be { overgrade. } { undergrade. }

Angle between center line of main track and supply line crossing span to be 89 degrees.

The line will approach the crossing from { ~~XXXX~~ } { S or ~~XXX~~ } sides in a generally North direction at N 33E degrees.

Number of tracks to be crossed 3 Number of pole lines to be crossed 1

Number of poles on right of way of Railway Company 1 Number of guys or anchors 3 N. E.

Distance from crossing poles or towers to center line of nearest main track ~~XXXXXX~~ 38.5 ft. S or W ft.

Distance from crossing poles or towers to center line of nearest side track ~~XXXXX~~ 24.5 ft. S or ~~XX~~ ft.

If proposed line will parallel the Railway right of way on either side of crossing, state approximate length of parallel: ft. and separation between proposed line and Railway communication lines: ft.

Type of Supports { Poles. } { ~~XXXX~~ } Poles have { Double } { ~~single~~ } crossarms or vertical construction employing { Clevises } { ~~Racks~~ }

If wood poles are used, give kind of timber Southern Pine Length of pole 1 - 35' 1 - 50' ft.

Circumference at top 21 in. Circumference six feet from butt 32" For 35' 37.5" For 50' in.

Depth of pole to be set in ground 6.5' for 50' ft. Show on drawing location of all guys and anchors.

A. C. Voltage 13200 No. phases 3 Operation { ~~Delta~~ } { Star }

Configuration to be shown on drawing

(2)

Cycles 60 No. wires 4 Is neutral ground employed in supply line? Yes

Will voltage be increased later? No If so, to what voltage.

D. C. Voltage Amperes No. wires Configuration to be shown on drawing.

Size of wire 2/0 gauge AWG Material of wire Copper Hard drawn. Solid Stranded Bare Insulated

Insulators, Material Porcelain Type Pin-type Rigid Dead-end Suspension Voltage Rating V. 15 K. V.

Height of lowest wire above top of rail 33' @ 60' ft. Height of lowest crossarm of wire support above ground 34 ft.

Minimum vertical separation between nearest crossing wire and Railway communication wires 17 ft. Railway signal wires.

Length of crossing span 104 ft. S. W. Length of spans adjacent to crossing span N. or E. 187 ft.

Maximum sag in crossing span 6" at 60 degrees Far. Maximum stress in each gauge of wire: 3000 lbs gauge lbs. gauge

lbs. gauge lbs. under applicable loading conditions. Applicant will attach drawing showing layout of proposed crossing and details of construction.

UNDERGRADE CROSSING

Depth below base of rail ft. Size and character of duct. Number of ducts ft. Type of protection for ducts. Applicant to give full description of material to be used and method of installation.

Name of applicant seeking crossing Harriman Utility Board

Incorporated under the laws of the State of

Location of principal office Harriman State of Tennessee

If not incorporated, give names and addresses of principal owners: City of Harriman, Tennessee

Harriman, Tennessee Signed C. S. Roberts Mgr. (Town) (State)

December 23, 1957, 19 Application Approved: Title

J. A. Johnson Superintendent R. B. Midkiff Chief Engineer M. W. & S. J. M. Sturice Signal and Electrical Superintendent Superintendent Communications O. R. D. S. S.

Southern Railway System

Central Lines

*Office of Chief Engineer, M. of W. & S.
Knoxville 24, Tenn.*

ROBERT B. MIDKIFF
CHIEF ENGINEER, M. OF W. & S.

January 20, 1958 ret:p

9525

Mr. C. E. Perkins, Manager
Harriman Utility Board
Harriman, Tennessee

Re: Power Wire Crossing at Milepost 51-D Minus 2083 Ft.

Dear Mr. Perkins:

Herewith is copy of application form approved for construction of the above crossing. We will send you soon for execution an agreement to cover it.

Please advise us whether the agreement should be with the "City of Harriman" or with "Harriman Utility Board" and also the name and title of person who will execute it on that behalf.

Very truly yours,

R B Midkiff
Chief Engineer, M. W. & S.

Cy. - Mr. J. A. Johnson: (LH-65)

Southern Railway System

Operating Department

Office of Superintendent

JAMES A. JOHNSON
SUPERINTENDENT

Knoxville, Tennessee

January 20, 1958

LH-65

Mr. C. E. Perkins, Manager
Harriman Utility Board
Harriman, Tennessee

Dear Mr. Perkins:

Your letter January 17, asking permission to proceed in installing power line crossing over our tracks at a point 2083 ft. from Mile Post 51, Harriman, Tennessee.

Final approval for such installations is furnished by our Chief Engineer's office, Knoxville, and your letter has been referred to that office.

Yours truly,

JA Johnson
Superintendent

January 17, 1958

Mr. J.A. Johnson, Supt.
Southern Railway System
Office of Superintendent
Knoxville, Tennessee

Dear Mr. Johnson:

On or about December 23, 1957, we sent you an application for a power line crossing over your railroad at a point 2083 feet from MP 51 within the city limits of Harriman, Tennessee.

We would like to get your approval of this crossing at an early date so we can proceed with the line construction.

We thank you for your early approval of this request of ours.

Yours very truly,

HARRIMAN UTILITY BOARD

C. E. PERKINS, MANAGER

CEP/hlw