

August 23, 1963

Southern Railway System
Operating Department
Office of Superintendent
Somerset, Kentucky

Attention: Mr. Robert H. Snyder

Dear Sir:

The City of Harriman, Tennessee, acting by and through the Harriman Utility Board, hereby make application for a permit to install a single phase power line across the right-of-way of your Harriman and North-eastern Branch Line.

Your letter of August 14, 1963 was appreciated as our records have been misplaced for this crossing. This will enable both Companys to bring records up to date.

Very truly yours,

By: _____
L. P. Geasland, Jr., Manager

LPG:JH:chw

Enclosure

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SOUTHERN RAILWAY SYSTEM

APPLICATION FOR WIRE CROSSING

ELECTRIC LIGHT, POWER SUPPLY AND TROLLEY LINES

To the Superintendent of Somerset Division:
The undersigned hereby makes application to cross the right of way of the Southern Railroad Company with a line of wires, as described below, forming a part of the applicant's line extending from Harriman town to ~~Paterson~~ 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

Proposed crossing to be located 2,675 ft. ^{N.E} of M. P. Switch between Harriman and ~~Paterson~~ and will be ^{overgrade.} ~~undergrade.~~
Angle between center line of main track and supply line crossing span to be 90° degrees.
The line will approach the crossing from ^{N or E} ~~S or W~~ sides in a generally North direction at _____ degrees.
Number of tracks to be crossed 1 Number of pole lines to be crossed none
Number of poles on right of way of Railway Company none Number of guys or anchors none
Distance from crossing poles or towers to center line of nearest main track N or S 45' ft.
S or ~~W~~ 175' 240' ft.
Distance from crossing poles or towers to center line of nearest side track N or E _____ ft.
S or W _____ 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. Towers. } Poles have { Double Single } crossarms or vertical construction employing { Clevises Pins }
If wood poles are used, give kind of timber Southern Pine Length of pole 1-40' pole 1-45' pole ft.
Circumference at top 40' = 17 1/2" min 45' = 19 1/2" min in. Circumference six feet from butt 40' = 29 1/2" 45' = 33 1/2" in.
Depth of pole to be set in ground 40' = 6 ft 45' = 6 1/2 ft. Show on drawing location of all guys and anchors.
A. C. Voltage 7200 No. phases 1 Operation { Delta Star } Star
Configuration to be shown on drawing

(2)

Cycles.....60..... No. wires.....2..... 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 *#6A* gauge { *AWG* } Material of wire *Copper & Steel* { *Hard* } drawn.
{ *Solid* } { *Bare* }
{ *Stranded* } { *Insulated* }
Insulators, Material *Porcelain* Type { *Pin-type* } Voltage Rating *15 KV*
{ *Rigid Dead-end* }
{ *Suspension* }
Height of lowest wire above top of rail *36* ft. Height of lowest crossarm of wire support above ground
38 ft.
Minimum vertical separation between nearest crossing wire and Railway communication wires.....ft.
Railway signal wires.....ft.
Length of crossing span *285'* ft.
Length of spans adjacent to crossing span N. or E. *400'* ft. S. or W.....ft.
Maximum sag in crossing span *2* ft. at 60 degrees Far.
Maximum stress in each gauge of wire: *6A* gauge *1050* 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 *Hannan Utility Bond*

Incorporated under the laws of the State of.....

Location of principal office *Hannan* State of *Tenn*

If not incorporated, give names and addresses of principal owners: *owned by the*

City of Hannan Tennessee

Hannan Tenn Signed.....
(Town) (State)

Application Approved:....., 19..... Title.....

Superintendent Superintendent Communications

Chief Engineer M. W. & S. Signal and Electrical Superintendent

Jack

Southern Railway System
Operating Department
Office of Superintendent

ROBERT H. SNYDER
SUPERINTENDENT

Somerset, Ky., August 26, 1963

Mr. L. P. Geasland, Jr. Manager
Harriman Utility Board
Harriman, Tennessee

Dear Mr. Geasland:

Thank you for your letter of the 23rd in connection with application for permit to install a single phase power line across the right of way of our H&NE Line.

In order to progress this matter it will be necessary that I have five additional copies of the form and print and shall appreciate your sending them as promptly as possible.

With kindest regards, I am,

Sincerely yours,

Robert H. Snyder
SUPERINTENDENT

August 27, 1963

Southern Railway System
Operating Department
Office of Superintendent
Somerset, Kentucky

Attention: Mr. Robert H. Snyder

Dear Sir:

Please find enclosed prints for single phase power line crossing
as requested in your letter of August 26, 1963.

Very truly yours,

HARRIMAN UTILITY BOARD

By: _____
Jack Howard, Engineer

JH:chw

Enclosure