

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 Companies to bring records up to date.

Very truly yours,

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

LPG:JH:chw

Enclosure

Handwritten notes and signatures in blue ink, including the name "Jack" and various scribbles.

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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 Rail Road
 Company with a line of wires, as described below, forming a part of the applicant's line extending from Harriman
Tenn to Electric 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 ENGINEER-
 ING COMMITTEE OF ASSOCIATION OF AMERICAN RAILROADS AND EDISON ELECTRIC INSTITUTE
 ON CROSSINGS OF ELECTRICAL SUPPLY LINES AND FACILITIES OF STEAM AND ELECTRIFIED RAIL-
 ROADS, 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 re-
 quired by the Railway Company to cover said crossing.

DESCRIPTION OF PROPOSED CROSSING

Proposed crossing to be located 2.675 ft. ^{N.E} ~~S or W~~ of M. P. Switch
 between HARRIMAN and Electric Area 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 ~~N~~ 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 ft.
1-45' pole

Circumference at top 40" = 17" mid in. Circumference six feet from butt 40" = 29" in.
45" = 19" mid 45" = 33"

Depth of pole to be set in ground 40" = 6" 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. { Soft }
{ 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

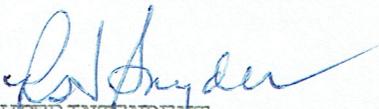
Dear Mr. Geasland:

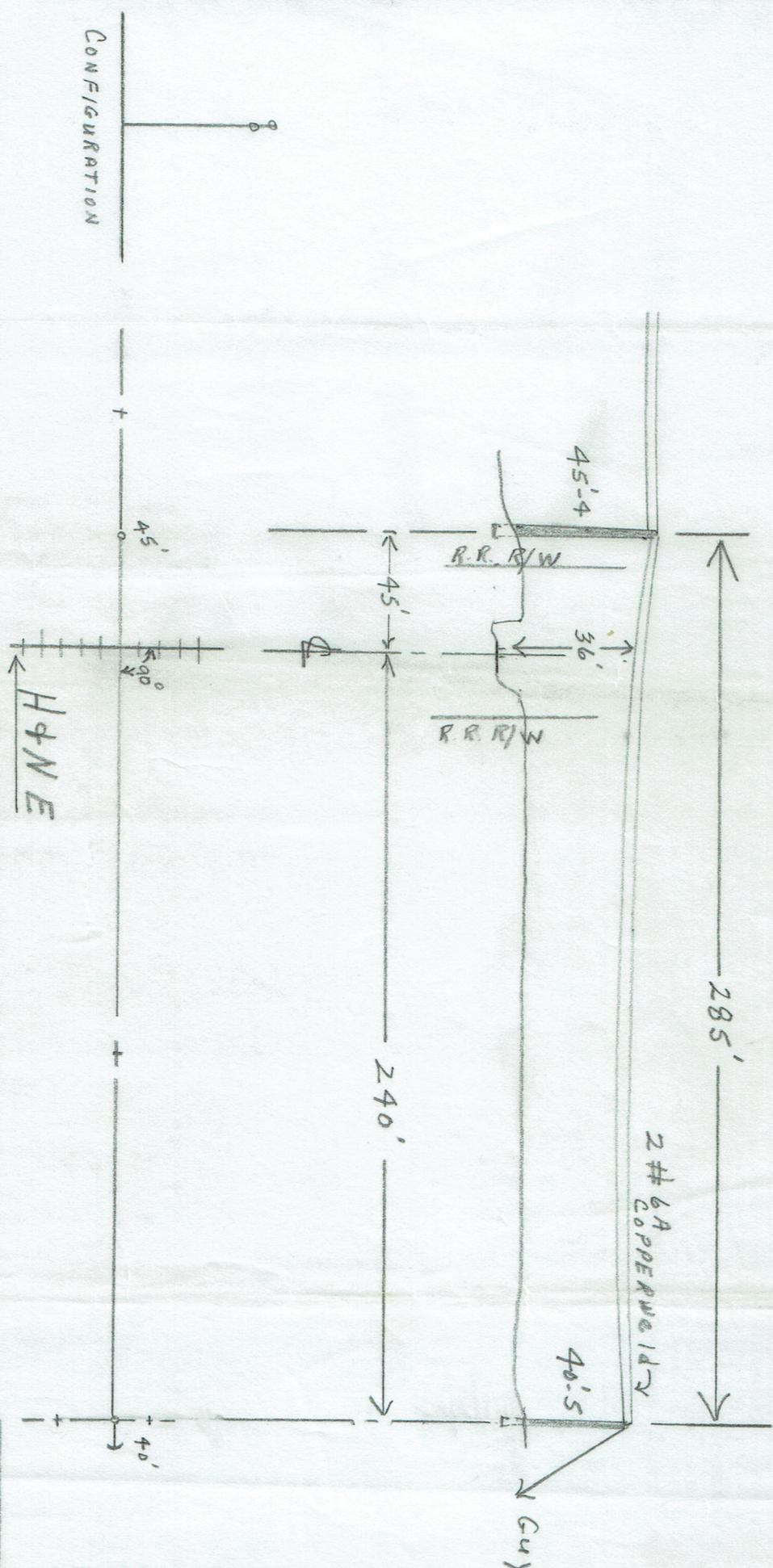
Thank you for your letter of the 23rd in connection with application for permit to install a single phase power line across the right of way of our H&NE Line.

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,


SUPERINTENDENT



DRAWING OF 7.2KV
 POWERLINE CROSSING
 OVER HANE R.R. WARR
 HARRIMAN, TENN.
 SCALE 1"=50' AUG 22, 03

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