

May 1, 1973

Mr. J. O. Greenwood
Superintendent
Southern Railway System
P. O. Box 1791
Knoxville, Tennessee 37901

Dear Mr. Greenwood:

The City of Harriman, Tennessee, acting by and through the Harriman Utility Board, request the approval of our application for an encroachment on your property 1.4 miles from Blair Junction. Blair Junction is between M P 41 and M P 42 on Southern Railway main line.

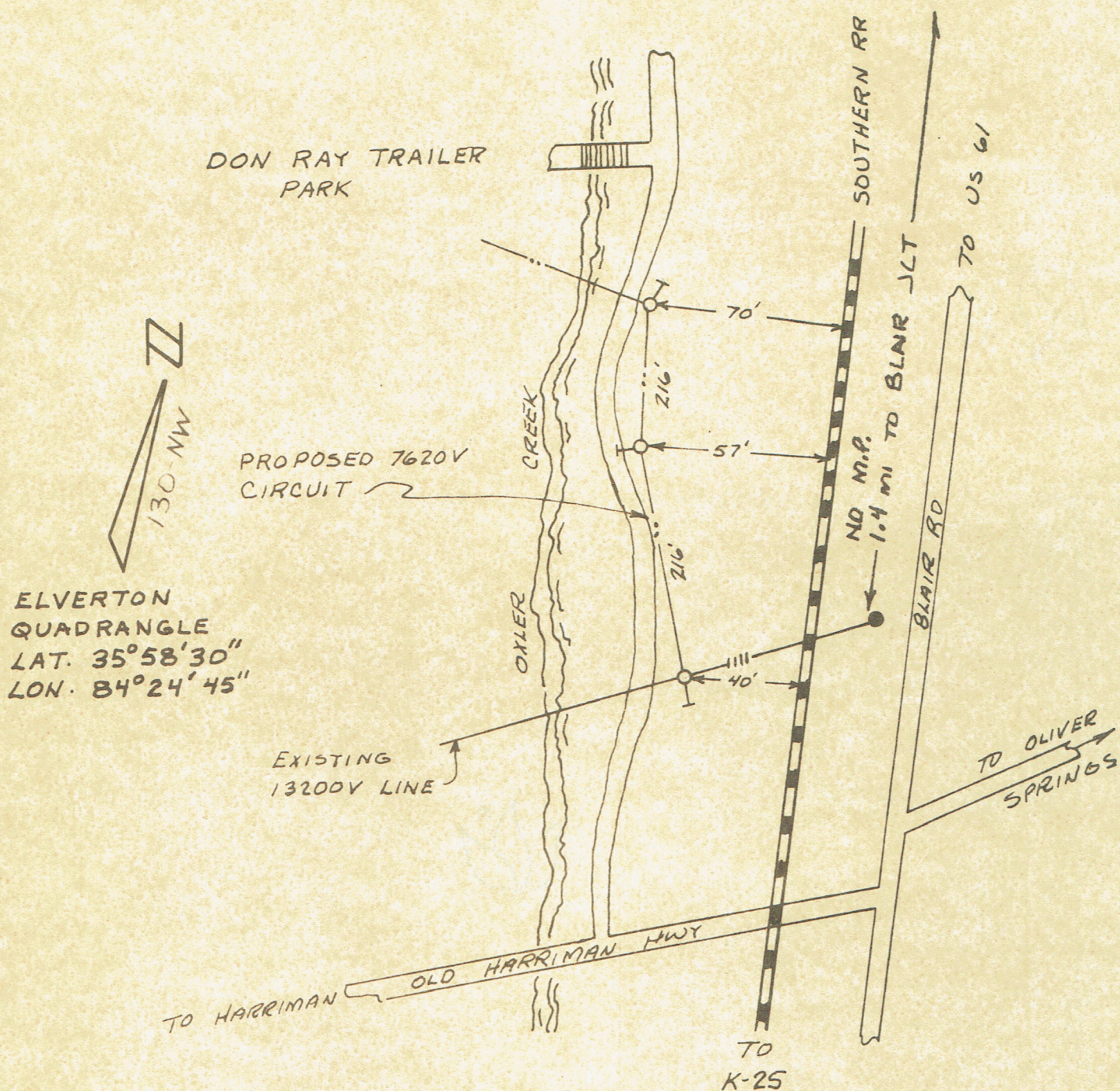
We submit the following data covering this application.

1. Location See Above
2. Type Utility Electric
3. Type of Wire 1/0 ACSR aluminum, Poles-Southern Pine
4. Maximum Voltage 15 Kv
5. Bight (8) Prints
6. Harriman Utility Board Members:
 Sam Browder
 Joe Walker
 Rex Walls
 Morgan Collins
 Olin Williams

Very truly yours,

Jack Howard
ASSISTANT MANAGER

JH:el



HARRIMAN UTILITY BOARD
HARRIMAN, TENNESSEE

PROPOSED ENCROACHMENT
SOUTHERN RAILWAY SYSTEM
NEAR OLD HARRIMAN HWY &
BLAIR ROAD.

RHALL 4-27-73

DWG. NO. 16-S

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
 Company with a line of wires, as described below, forming a part of the applicant's line extending from Harriman
 to K-25, 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

encroachment
 Proposed ~~crossing~~ to be located ft. ^{N or E} _{S or W} of M. P.
 between US 61 and K-25 and will be ^{overgrade.} ~~xxxxxxx~~
 Angle between center line of main track and supply line crossing span to be N A degrees.
 The line will approach the crossing from ^{N or E} _{S or W} sides in a generally N A direction
 at N A degrees.
 Number of tracks to be crossed None Number of pole lines to be crossed None
 Number of poles on right of way of Railway Company 3 Number of guys or anchors 3
 Distance from crossing poles or towers to center line of nearest main track N or E See Drawing ft.
~~S or W~~ ft.
 Distance from crossing poles or towers to center line of nearest side track N or E N A ft.
 S or W N A ft.
 If proposed line will parallel the Railway right of way on either side of crossing, state approximate length of parallel:
432 ft. and separation between proposed line and Railway communication lines: N A ft.
 Type of Supports ^{Poles.} ~~xxxxxx~~ Poles have ^(Dents) ~~xxxxxx~~ ^(Clevises) X
~~xxxxxx~~ ^(Racks) X vertical construction employing
 If wood poles are used, give kind of timber Southern Pine Length of pole 40 ft.
 Circumference at top 19 in. Circumference six feet from butt 31 in.
 Depth of pole to be set in ground 6 ft. Show on drawing location of all guys and anchors.
 A. C. Voltage 7620 No. phases 1 Operation ^{~~xxxx~~} xxxx
 Configuration to be shown on drawing

(2)

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

Will voltage be increased later?..... If so, to what voltage.....

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

Size of wire..... 1/0..... gauge { AWG / ~~BWG~~ } Material of wire..... ACSR { Hard / Soft } drawn.

{ ~~Solid~~ } { Bare / Insulated }

Insulators, Material..... porcelain..... Type { ~~Pin type~~ / ~~Right Dead end~~ / Suspension } Voltage Rating..... 15 KV

Height of lowest wire above top of rail..... N A..... ft. Height of lowest crossarm of wire support above ground..... N A..... ft.

Minimum vertical separation between nearest crossing wire and Railway communication wires..... N A..... ft.

Railway signal wires..... ----- ft.

Length of crossing span..... ----- ft.

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

Maximum sag in crossing span..... ----- ft. at 60 degrees Far.

Maximum stress in each gauge of wire:..... 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

Signed _____

(Town) _____ (State) _____

_____, 19_____

Application Approved: _____ Title _____

_____, _____ Superintendent _____ Superintendent Communications _____

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