PHONES 882-3242
882-3243

HARRIMAN
GAS
WATER
ELECTRICITY
SEWER
HUB HUB
UTILITY BOARD
HARRIMAN, TENNESSEE

37748

May 1, 1973

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.

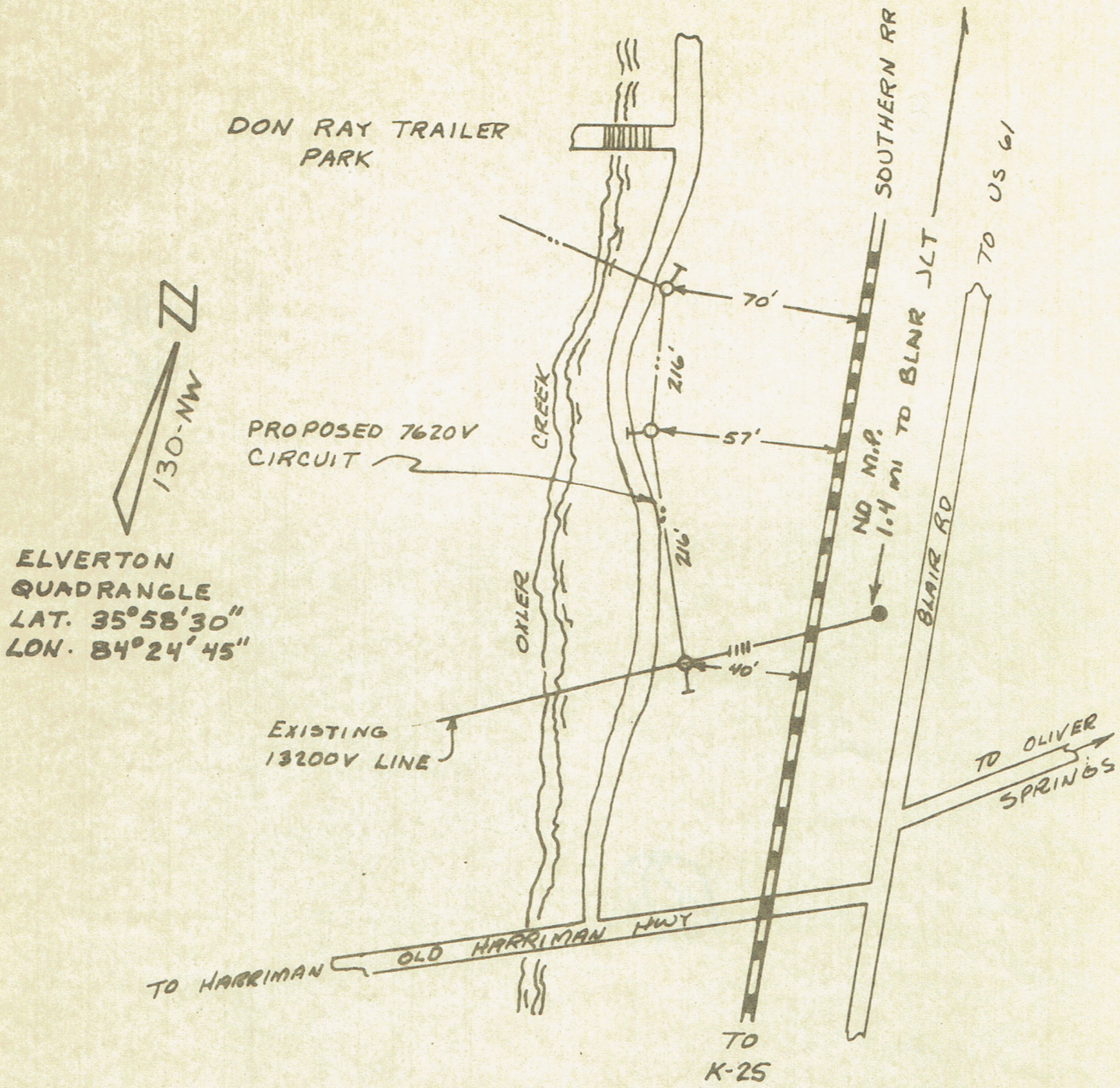
1. Location — See Above
2. Type Utility — Electric
3. Type of Wire — 1/0 ACSR aluminum, Poles-Southern Pine
4. Maximum Voltage — 15 Kv
5. Eight (8) Prints
6. Harriman Utility Board Members:
   - Sam Browder
   - Joe Walker
   - Rex Walls
   - Morgan Collins
   - Olin Williams

Very truly yours,

Jack Howard
ASSISTANT MANAGER

JH:el

Enclosures



HARRIMAN UTILITY BOARD HARRIMAN, TENNESSEE	
PROPOSED ENCROACHMENT SOUTHERN RAILWAY SYSTEN NEAR OLD HARRIMAN HWY & BLAIR ROAD.	
RHall 4-27-73	DWG. NO. 16-S

Form 1266

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 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

encroachment

Proposed ~~crossing~~ to be located ..... ft. { N or E / S or W } of M. P. .....

between US61 and K25 and will be { overgrade. / ~~undergrade~~

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

The line will approach the crossing from { N or E / S or W } sides in a generally NA direction at NA 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 Sew Dwg ft.

~~S or W~~ ..... ft.

Distance from crossing poles or towers to center line of nearest side track N or E ~~None~~ NA ft.

S or W NA 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: NA ft.

Type of Supports { Poles. / ~~Towers~~. 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 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 { ~~Delta~~ / ~~Star~~ } .....

Configuration to be shown on drawing

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) / Stranded} {Bare / Insulated}

Insulators, Material porcelain Type {Pin-type / Rigid Dead-end / (Suspension)} Voltage Rating 15KV

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 Harrison Utility Board

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

Location of principal office Harrison State of Iowa

If not incorporated, give names and addresses of principal owners: .....

City of Harrison, Iowa.

.....

.....

..... Signed .....

(Town) (State)

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

Title

....

Superintendent Superintendent Communications

....

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