

Southern Railway System

Transportation Department

S. Main Street

Somerset, Kentucky 42501

E. K. RATLIFF
SUPERINTENDENT

TELEPHONE
(606) 678-5431

August 25, 1975

221-H

Mr. Richard A. Hall, Engineer
Harriman Utility Board
P. O. Box 434
300 Roane Street
Harriman, Tennessee 37748

Dear Mr. Hall:

This is further in regard to my letter of July 30, 1975 concerning your application for an encroachment on our property near the entrance of Vulcan Materials to serve our potential customer, S&M Coal Company, near CNO&TP Milepost 263 and Tennessee Central Milepost 161, in the vicinity of Rockwood, Tennessee.

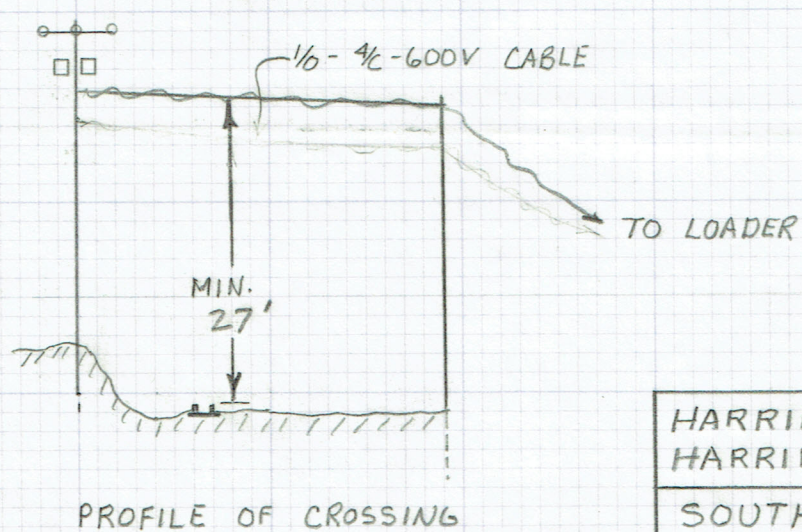
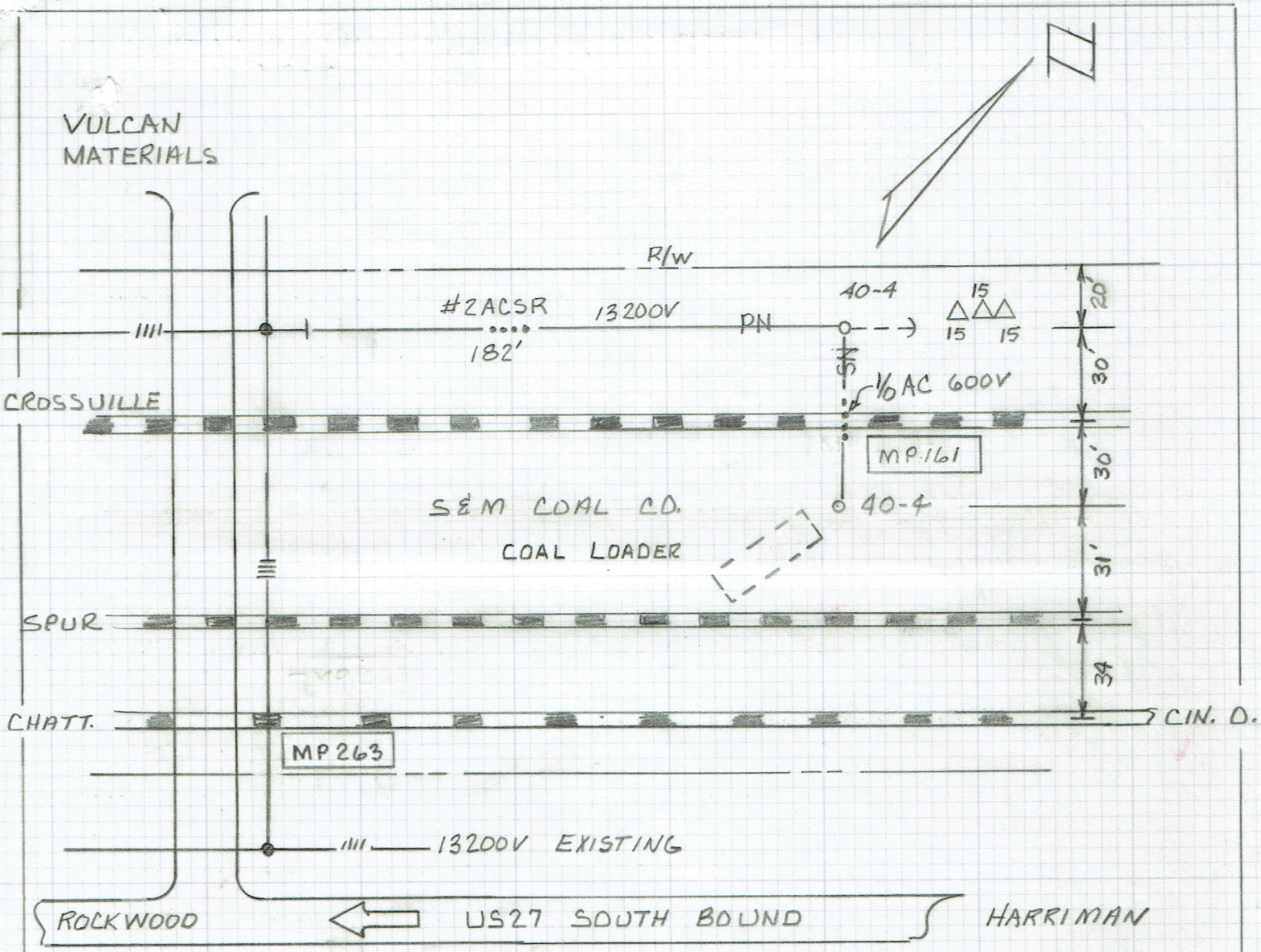
Our Engineering Department in Atlanta has taken exception to your application and I am enclosing herewith your tracing, together with Form 1266 prepared by your Board. Our valuation map shows 100 feet of railroad right of way for each railroad and 50 feet on each side center line of CNO&TP and Tennessee Central main tracks, a total of 200 feet railroad right of way. Shall appreciate your revising drawing to show correct railroad right of way lines, and indicate what wire line is existing and which is proposed. If existing line is parallel on railroad property, we will need date of agreement covering same.

Upon receipt of the revised drawings, we will give the matter further handling.

Very truly yours,



E. K. Ratliff
SUPERINTENDENT



Application Approved:

Div. Superintendent

Chief Eng. Dsgn. & Const., MW&S

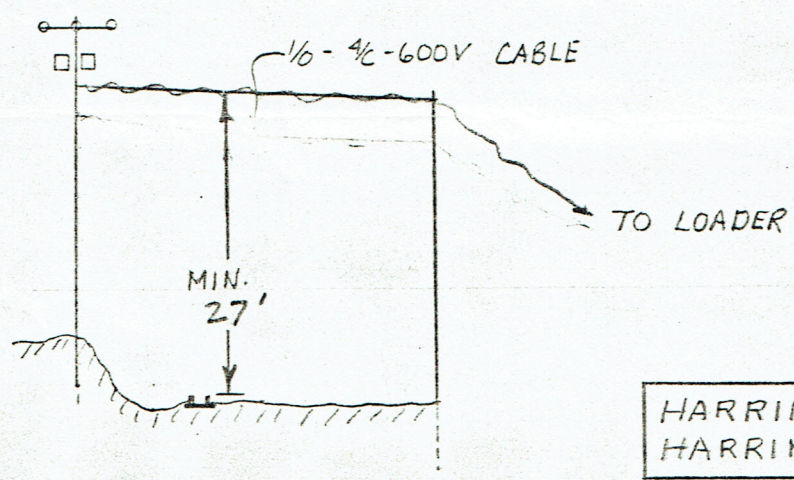
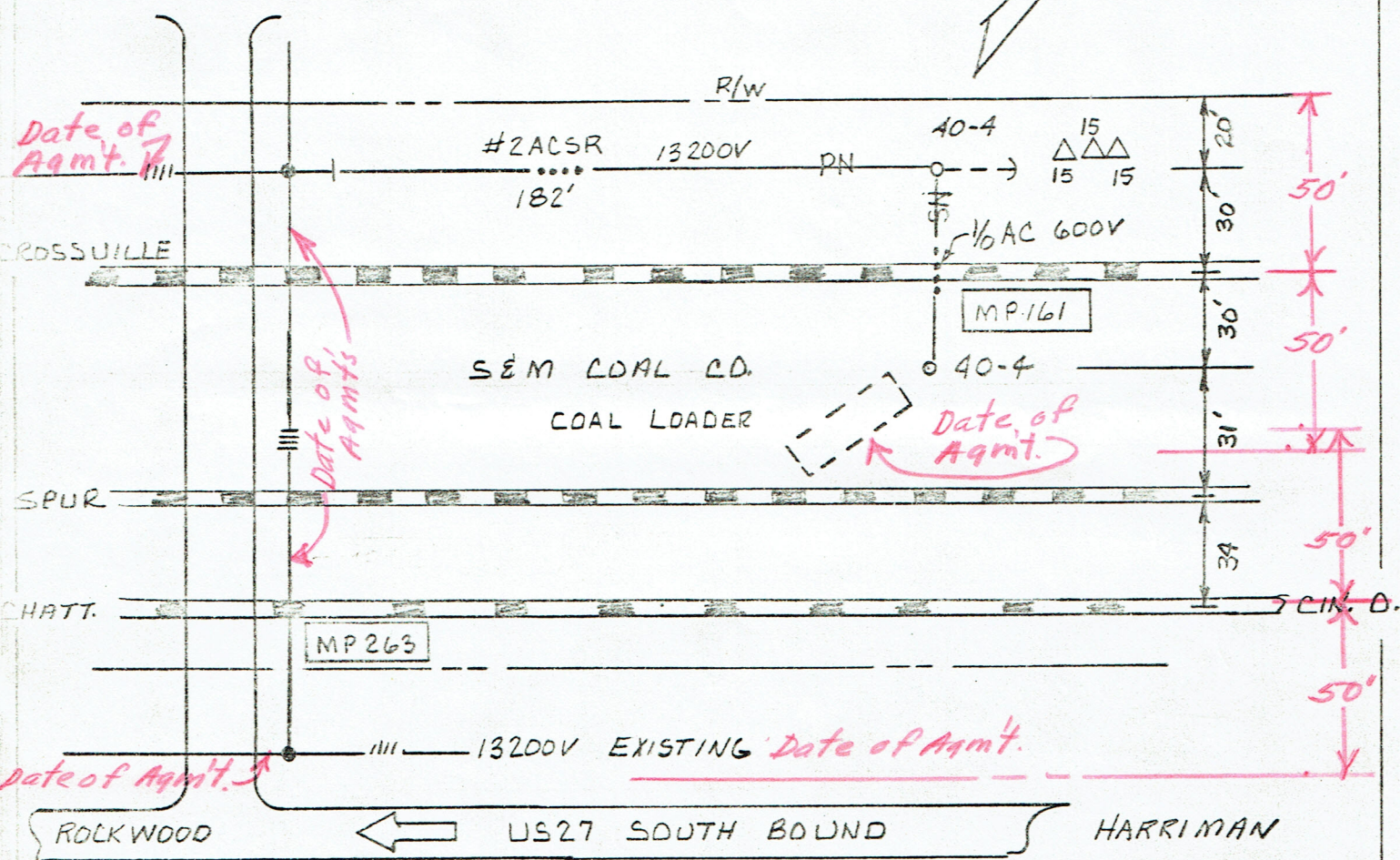
Dir. Engr. C & S Dept.

HARRIMAN UTILITY BOARD
HARRIMAN, TENNESSEE

SOUTHERN RAILWAY SYSTEM
REQUEST PERMISSION TO
CROSS TRACKS AT MP 161
TO SERVE S&M COAL CO.
COAL LOADER

7-29-75

VULCAN
MATERIALS



Application Approved:

Date: September 1975

Chief Eng. Dept. & Comm. W&S

Dir. Eng. Dept. C&S Dept.

HARRIMAN UTILITY BOARD
HARRIMAN, TENNESSEE

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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 way Company with a line of wires, as described below, forming a part of the applicant's line extending from Harriman to Cardiff, 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~~ ^{encroachment} to be located at ~~XXXXX~~ of M. P. 161 between Harriman and Cardiff and will be ~~undergrade~~ ^{overgrade.}

Angle between center line of main track and supply line crossing span to be 90 degrees.

The line will approach the crossing from ~~XXXXX~~ sides in a generally North Westerly 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 2 Number of guys or anchors 1

Distance from crossing poles or towers to center line of nearest main track N or E 30 ft.

S or W ----- ft.

Distance from crossing poles or towers to center line of nearest side track N or E ----- ft.

S or W 31 ft.

If proposed line will parallel the Railway right of way on either side of crossing, state approximate length of parallel: 181 ft. and separation between proposed line and Railway communication lines: NA ft.

Type of Supports ~~XXXXX~~ Poles have ~~XXXXX~~ ^(Double) crossarms or vertical construction employing ~~XXXXX~~ ^{Clevises}

If wood poles are used, give kind of timber Southern Yellow Pine Length of pole 40 ft.

Circumference at top 21 in. Circumference six feet from butt 34 in.

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

A. C. Voltage 13200V; 240V No. phases 3 ∅; 3 ∅ Operation ~~XXXXX~~ ^{Delta}

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.....NA.....
D. C. Voltage..... Amperes..... No. wires..... Configuration to be shown on drawing.
Size of wire.....#2 (13200V)..... gauge.....(AWG)..... Material of wire.....ACSR; AAC Insulated.....Hard.....drawn.
{~~XXXX~~} { Bare }
{ Stranded } { Insulated }
Insulators, Material.....Porcelain..... Type.....~~XXXX~~ Dead-end { Voltage Rating.....13200
Height of lowest wire above top of rail.....27.....ft. Height of lowest crossarm of wire support above ground
.....33 ft.
Minimum vertical separation between nearest crossing wire and Railway communication wires.....NA.....ft.
Railway signal wires.....ft.
Length of crossing span.....60.....ft.
Length of spans adjacent to crossing span N. or E.....NA.....ft. S. or W.....NA.....ft.
Maximum sag in crossing span.....1.0.....ft. at 60 degrees Far.
Maximum stress in each gauge of wire: 2100..... 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:

..... Signed.....
(Town) (State)
Application Approved:....., 19..... Title.....
..... Superintendent..... Superintendent Communications.....
..... Chief Engineer M. W. & S. Signal and Electrical Superintendent.....