

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

Date: June 24, 2016

To the Illinois Commerce Commission:

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, the nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are

Installation of Grade Crossing Warning Devices requested by Illinois Dept Of Transportation
at: SR-107 in Griggsville, Illinois, DOT: 479519R, MP: DH-478.94 . Case:
File No.: CX1112113 Project No.: 04.0889

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.

Norfolk Southern Railway Company
 By 
S.J. Klinger, Administrator
Grade Crossing Program
(404) 529-1234

Thomas W. Ambler
 (Attorney for Petitioner)

Norfolk Southern Corporation
Three Commercial Place
Norfolk, VA 23510-2191
 (Attorney's Address)

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).

1. Name of Railroad Company Norfolk Southern Railway Company
2. Crossing Number 479519R
3. Village or City Griggsville
4. Name of Street or Highway SR-107
5. Public Agency Maintaining Highway State
6. Protection now established: (Give full description. Indicate the hours of any manual protection.)
Flashing Light Signals with Gates.
7. Protection desired: (Give details)
Install grade crossing warning devices to include LED flashing lights with gates and bell controlled by constant existing warning time detection equipment.
8. Number of main tracks One Other tracks None
9. Number of passenger movements:
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:
6 a.m. to 6 p.m. Seven 6 p.m. to 6 a.m. Five
11. Approximate number of switch movements:
6 a.m. to 6 p.m. One 6 p.m. to 6 a.m. One
12. Maximum speed of trains at crossing on each track in each direction:
Track 1 N/E Bound 60 mph S/W Bound 60 mph
Track 2 N/E Bound N/A mph S/W Bound N/A mph
Track 3 N/E Bound N/A mph S/W Bound N/A mph
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

3,700 AADT

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (sidelights, cantilevers, etc., if any).
- (e) Show the length of each operation track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

Drawings attached for question no. 16

Speed on Passing Siding which enters the Main Track 383 ft west of the crossing is 25 MPH

VERIFICATION

I, **S. J. Klinger**, first being duly sworn upon oath depose and say that I am
Administrator, Grade Crossing Program, of **Norfolk Southern Railway Company**, a
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon
information and belief, and as to those, I believe same to be true.



Administrator, Grade Crossing Program

TO HANNIBAL
(R.R. WEST)
M.P. INCREASING

TO MOSSER
(R.R. EAST)
M.P. DECREASING

HIGH TENSION POWER LINES

O.H. COMM. LINES
(V.O.H.C. COMM. 24')

APPROACH LENGTHS ALLOW FOR:	
TIME IN SECONDS	CWT E.B./W.B. APPROACH
STANDARD MUTCD MIN. TIME	20
DESIGNED WARNING TIME	30
EQUIPMENT RESPONSE TIME	5
TOTAL TIME	35
MAX. SPEED (M.P.H.)	60
APPROACH DISTANCE (FEET)	3087'

50'

25'

SIG "A"

8'-3"

(A)

(C)

GCP 4000

20'

31'

15'

53°

R.O.W.

150'

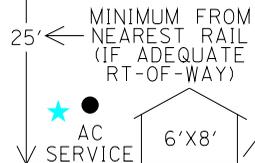
211 HZ T1 5.9 KHZ

15'

8'-3"

SIG "B"

O.H. POWER LINES
(V.O.H.C. POWER 30')



IN SERVICE _____ SIGNED _____ DATE _____

S&E ENGINEERING COPY

CONSTRUCTION OFFICE COPY
RETURN TO S&E ENG. AFTER COMPLETION

FIELD COPY
RETURN TO CASE AFTER COMPLETION

PROJECT ENGINEER COPY

50'

R.O.W.

- NOTES:
1. MAX. TRAIN SPEED MAIN: 60 M.P.H., SIDINGS: 25 M.P.H.
 2. LATITUDE N 39° 42' 03" LONGITUDE W 90° 43' 59" ELEVATION 674'
 3. SIGNAL "A" TO HAVE BELL.
 4. LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.
 5. CROSSING LOCATED IN PIKE COUNTY.
 6. NEAREST STREET ADDRESS IS
799 S. WALL ST. (SR-107)
 7. NEAREST INTERSECTING STREET IS
NORTH TO W. LINCOLN ST.
 8. DISTANCE TO NEAREST INTERSECTING
STREET IS 675 FT.

(A) (B) (C) (D) = QUADRANT MARKERS

★ = REUSE EXISTING METER SERVICE

SCALE: 1" = 20'

PROJECT #04.0889

LAYOUT

FILE NO. CX112113

DESIGNED BY: JWB 05-20-16		OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.	M.P.: DH-478.94
DRAWN BY: IRE 05-20-16		GRIGGSVILLE, IL FLGS AT S.WALL ST. (SR-107)	
CHECKED BY: DBS 05-21-16	SPRINGFIELD DISTRICT		FILE R-
IN SERVICE: - -	CADD or DWG. No. SFDH47894.01	SHEET No. 1 of 23	

REVISION | 06-02-16 | 06-07-16 |
INITIALS | IRE/JWB | IRE/JWB |

PROPERTY
NORFOLK SOUTHERN RAILWAY CO.

TO HANNIBAL
(R.R. WEST)
M.P. INCREASING

TO MOSSER
(R.R. EAST)
M.P. DECREASING

3087'
S. WALL ST. MAIN
DAX APPROACH (TO
ISLAND WIRES)

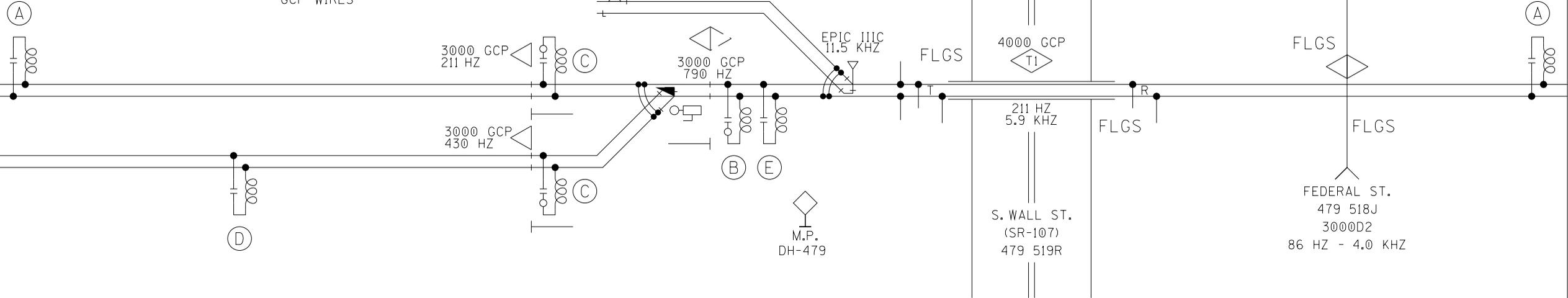
1283'
S. WALL ST. SIDING
EFF DAX APP (TO
ISLAND WIRES)

2310'
TO NEAREST
GCP WIRES

1000'
TO NEAREST
GCP WIRES

APP.
FEDERAL ST.

3087'
S. WALL ST. APP
(TO NEAREST
GCP WIRES)



1360' IJ/SIGNAL
842' DERAIL
450' SWITCH IJ/SIGNAL
383' START
337' SWITCH
277' SOTC
197'
141'
67'
0' 6'
2832'

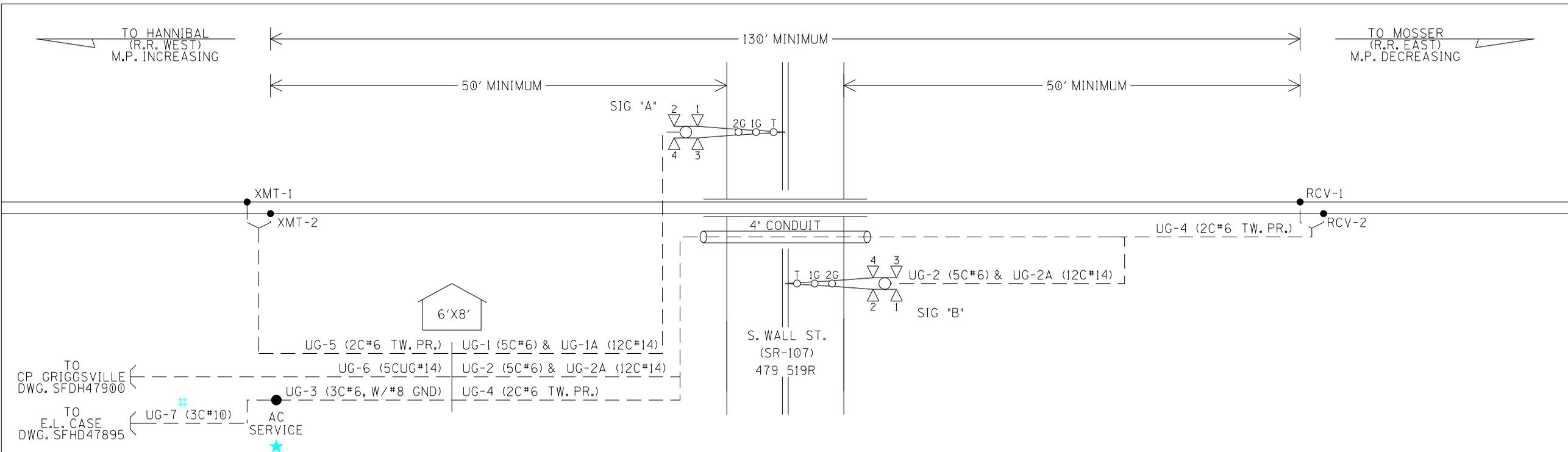
- (A) - MF-NBS 62775-1543 (211HZ)
- (B) - MF-NBS 62775-1543 (211HZ)
W/INDUCTOR 8V617-2800
- (C) - MF-NBS 62775-3497 (790HZ)
W/INDUCTOR 8V617-1000
- (D) - MF-NBS 62775-3497 (430HZ)
- (E) - MF-NBS 62775-8621 (86HZ)

PROFILE

DESIGNED BY:	JWB 05-20-16		NORFOLK SOUTHERN
DRAWN BY:	IRE 05-20-16		
CHECKED BY:	DBS 05-21-16	OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA. M.P.: DH-478.94	
IN SERVICE:	- -	GRIGGSVILLE, IL FLGS AT S.WALL ST. (SR-107)	
		SPRINGFIELD DISTRICT	FILE No. R-
		CADD or DWG. No. SFDH47894.02	SHEET No. 2 of 23

REVISION 06-07-16
INITIALS IRE/JWB

PROPERTY
NORFOLK SOUTHERN RAILWAY CO.



TO
CP. GRIGGSVILLE
DWG. SFDH47900

TO
E.L. CASE
DWG. SFDH47895

6'X8'

S. WALL ST.
(SR-107)
479 519R

UG-1-5CUG #6 AEC AEZ AEB B16-A N16-A	UG-1A-12CUG #14 NAXG AXG 1AXX AXX XGP1 AGD AGBX120 AGNX120 SPARE SPARE SPARE SPARE	UG-2A-12CUG #14 NBXG BXG 1BXX BXX XGP1 XGP BGD BGBX120 BGNX120 SPARE SPARE SPARE SPARE	UG-3-3CUG #6 W/#8 GND BX120-A BX120-B NX120 GND	UG-4-TW. PR. #6 RCV-1 RCV-2	UG-6-5CUG #14 WA-DAXP (WDAX) NWA-DAXP (NWDAX) SPARE SPARE SPARE	UG-7-3CUG #10 BX120 NX120 SPARE
UG-2-5CUG #6 BEC BEZ BEB B16-B N16-B				UG-5-TW. PR. #6 XMT-1 XMT-2		

★ = REUSE EXISTING POWER SERVICE
= EXISTING FIELD VERIFY

CABLE PLAN

DESIGNED BY: JWB 05-20-16	
DRAWN BY: IRE 05-20-16	
CHECKED BY: DBS 05-21-16	OFFICE OF ASS'T. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA. M.P.: DH-478.94
IN SERVICE: - -	GRIGGSVILLE, IL FLGS AT S.WALL ST. (SR-107)
	SPRINGFIELD DISTRICT FILE No. R-
	CADD or DWG. No. SFDH47894.03 SHEET No. 3 of 23

REVISION | 06-07-16
INITIALS | IRE/JWB

PROPERTY
NORFOLK SOUTHERN RAILWAY CO.