FY 2025 Kentucky Rail Crossing Improvement Projects

TABLE OF CONTENTS

FY 2025 Kentucky Rail Crossing Improvement Projects

PROJECT DESCRIPTION

Norfolk Southern Railway Company is looking to identify potential at-grade crossings and propose adding counter measures to reduce crossing hazards in the vicinity of the crossing. Crossing DOT#725119B, Milepost 280.58-W, located in Louisville, KY is a potential crossing Norfolk Southern would like to consider for improvements by installing new raised curb delineators to help channelize vehicles. Expected outcome of project would be to create a safer highway-rail crossing to reduce the potential for incidents in the crossing vicinity.

PROJECT SCOPE OF WORK

The proposed project will include installation of raised curb medians with delineators. The raised curb medians with delineators will help channelize vehicles that are queued at the railroad crossing and deter drivers from driving around crossing arm when the signal is activated. The purpose of the project is to reduce risk of an incident in the vicinity of the crossing. For more information, please refer to the concept plan showing improvements in Exhibit C and the detailed project estimate in Exhibit E.

PROJECT SCHEDULE/TIMELINE

When authorization to proceed is received, Norfolk Southern (NS) will immediately begin, coordinating with the local road authority. Complete detailed design drawings for construction at the three (3) month mark. Norfolk Southern to bid project. Contractors' bid to include a detailed time schedule for material procurement and installation. NS will receive bids at the five (5) month mark. NS will evaluate bids and award project, as necessary, at the six (6) month mark. Contractor to start procurement and installation in accordance with their detailed time schedule. Upon completion of project by contractor, NS will inspect the finished product within a month. If all criteria are met, NS will send out a project closeout report and final billing notice. For more information, please refer to the Project Schedule/Timeline Gant Chart.

KYTC Project Timeline, DOT#725119B

Norfolk Southern Railway Corporation

Project Start: Mon, 6/2/2025

Display Week: 1

TASK	ASSIGNED TO	PROGRESS	START	END
Project Granted - Authorization to Proceed				
Norfolk Southern Railway Corporation begin coordination with local road authority	Norfolk Southern Railway Corporation		6/2/25	8/31/25
Norfolk Southern Railway Company to Bid Project and Evaluate Bids	Norfolk Southern Railway Corporation		8/31/25	10/30/25
Project Bid Awarded				
Norfolk Southern will award project	Norfolk Southern Railway Corporation		10/30/25	11/29/25
Contractor to start procurement and installation	KYTC Prequalified Contractor - TBD		11/29/25	2/28/26
Project Completion and Inspection				
Upon completion of project by Contractor, Norfolk Southern will inspect the finished product	Norfolk Southern Railway Corporation		2/28/26	3/30/26
Norfolk Southern will send out project closeout report and final billing notice	Norfolk Southern Railway Corporation		3/30/26	4/29/26

KYTC Section 130 Railway-Highway Grade Crossing Program

KENTUCKY RAILROAD CROSSING IMPROVEMENT (KRCI) APPLICATION

SECTION 1: PROJECT OVERVIEW

APPLICANT NAME		DOT CROSSING #	APPLICATION YEAR
Norfolk Southern Railway Company		725119B	2025
ROAD NAME	**ROAD MILE POINT**	**CROSSING LOCATION**	
		CITY	**COUNTY**
Robards Lane		Louisville	Jefferson

PROJECT TYPE

☐ Crossing Rehab (Select One)
☒ Crossing Safety (Select One)
☐ Obstructive Vegetation Removal

TOTAL PROJECT COST	KRCI FUNDING REQUESTED	APPLICANT MATCH	APPLICANT MATCH % *(20% Minimum)*
$ 23,580.00	**$** 18,864.00	**$** 4,716.00	20 **%**

Does applicant plan to use their own manpower, equipment, or materials on the project (Force Account) or competitively bid out all work related to the project? Bid Out

PROJECT DESCRIPTION *(Provide a brief project description. Include why the crossing was selected, project purpose and benefits, and the proposed work to be completed. Text is limited to the space provided below.)*

The proposed project includes installation of raised curb medians with delineators of 75 feet on both the north and 100 feet on the south side of the crossing. The raised curb medians with delineators will help channelize vehicles that are queued at the railroad crossing and deter drviers from driving around crossing arms when the signal is activated. The proposed project is to reduced risk of an incident in the vicinity of the crossing.

FOR KYTC USE ONLY

Date Received: _____

	Y	N
Application Complete	☐	☐
603 KAR 7:090 Compliant	☐	☐
Eligible Applicant	☐	☐

FRA WBAPS Score: _____

Match %: _____

Road ADT: _____

Secretary Approval: ☐ Y ☐ N

KRCI Award Amount: _____

KRCI Award Date: _____

KENTUCKY RAILROAD CROSSING IMPROVEMENT (KRCI) APPLICATION

SECTION 2: APPLICANT INFORMATION

Is the applicant a railroad? ☐ NO ☒ YES *(Provide KY Secretary of State information.)*

KY SECRETARY OF STATE (KY SOS) ORGANIZATION ID OR #	KY SOS STATUS	KY SOS STANDING
Michael Adams	A-Active	G-Good

PRIMARY CONTACT INFORMATION

NAME & TITLE	PHONE	EMAIL
Ernest L. Jackson, Public Safety Manager	(404) 291 - 7223	Ernest.Jackson@nscorp.com

MAILING ADDRESS	CITY	STATE	ZIP
650 West Peachtree Street NW Atlanta, GA 30308	Atlanta	GA	30308

If awarded, will signatory be different from the Primary Contact? ☒ NO ☐ YES *(Provide signatory information.)*

SIGNATORY NAME & TITLE	PHONE	EMAIL

MAILING ADDRESS	CITY	STATE	ZIP

SECTION 3: PERMITS AND APPROVALS

A. Have consultations with state or federal agencies (US Army Corps of Engineers, US Coast Guard, US Fish and Wildlife Service, Kentucky Division of Water, Kentucky Heritage Council, or others) determined the need for permits? Not Applicable

B. Have all required permits been obtained? Not Applicable

SECTION 4: CURRENT RAILROAD CROSSING INFORMATION *(Section 4 must be completed for **ALL** projects.)*

# OF TRAFFIC LANES	ROAD SPEED LIMIT	AVERAGE DAILY TRAFFIC (ADT) AT CROSSING	RAILROAD DIVISION
2	35	2140	Midwest

TYPICAL TRAIN SPEED AT CROSSING	# OF TRACKS AT CROSSING	RAIL MILE POINT	BRANCH/LINE NAME
45	1	280.58-W	Louisville

AVERAGE DAILY TRAIN MOVEMENTS AT CROSSING	FRA TRACK CLASS AT CROSSING	TOTALS FROM PREVIOUS 5 YEARS AT CROSSING		
		CRASHES	FATALITIES	INJURIES
12	Class 4	1	1	0

KENTUCKY RAILROAD CROSSING IMPROVEMENT (KRCI) APPLICATION

SECTION 5: CROSSING RECONSTRUCTION *(Required **ONLY** for Crossing Reconstruction projects.)*

CURRENT CROSSING

DATE INSTALLED	WIDTH OF ROAD	SURFACE MATERIAL	WEIGHT OF RAIL
	feet		

SURFACE CONDITION	VISIBLE TIE CONDITION	APPROACH CONDITION	DRAINAGE CONDITION
Select One	Select One	Select One	Select One

PROPOSED RECONSTRUCTION

PROJECT IMPACT ON SIDEWALK, MULTI-USE PATH, OR RECREATIONAL TRAIL	MAXIMUM CHANGE IN TRACK ELEVATION ABOVE/BELOW EXISTING ROADWAY	LENGTH OF ASPHALT APPROACH	
		Taper 1	Taper 2
Select One	inches	feet	feet

REPLACEMENT CROSSING SURFACE: Select One

SECTION 6: CROSSING SAFETY EQUIPMENT IMPROVEMENT *(Required **ONLY** for Crossing Safety Equipment Improvement projects.)*

	INSTALL	UPGRADE EXISTING
A. Project Signage Work: Crossing Signs and Markings	☐	☒

1. Describe in detail signs and markings currently used at crossing. *(Text is limited.)*
Currently there are two W10-1 advance warning signs as well as one ENS (I-13) signs, Stop lines, and RR Xing Symbols.

2. Describe in detail signs and markings proposed at crossing as part of the project. *(Text is limited.)*
Proposed work will include installation of raised curb medians with delineators on each approach to the crossing.

	INSTALL	UPGRADE EXISTING
B. Project Signal Work: Active Traffic Control Devices	☐	☐

1. Describe in detail active traffic control devices currently used at crossing.
Currently there two roadway gates arms, each with two quad configuration. There are two mass monunted flashing lights (incandesant and Back Lights)

2. Describe in detail active traffic control devices proposed at crossing as part of the project.
No changes to the active warning devices being proposed.

KENTUCKY RAILROAD CROSSING IMPROVEMENT (KRCI) APPLICATION

SECTION 7: SUBMISSION CHECKLIST *(See KRCI Guidance Document, Section V, for details.)*

- ☒ Kentucky Railroad Crossing Improvement Application (TC 59-13)
- ☒ Statement of Work
- ☒ Scope of Work
- ☒ Project Schedule/Timeline
- ☐ Detailed engineering assessment report (as applicable)
- ☐ Aerial Photographs and photographic documentation of crossing location and condition (especially for Obstructive Vegetation removal projects)
- ☒ Plans, schematics, details, drawings of the proposed project (as applicable)
- ☒ Photographic documentation of the project location and condition
- ☒ Detailed estimate
- ☒ Road authority consultation letter (if applicant is a railroad)
- ☐ Railroad consultation letters (if applicant is a government entity)
- ☐ Public Interest Finding (as applicable)

SECTION 8: RAILROAD COMPLIANCE CERTIFICATION *(Required **ONLY** if applicant is a railroad.)*

I hereby certify that as an applicant defined as a railroad in 603 KAR 7:090(1), my company has completed and submitted the TC 59-102 in compliance with the provisions of 603 KAR 7:090 at the time of this application. If it is determined I am not an eligible applicant at the time of this submission, I agree that this application shall be immediately rejected without consideration and returned to me without review.

PRINTED NAME AND TITLE	SIGNATURE	DATE
Ernest L. Jackson, Public Safety Manager	Ernest L Jackson (22)	02/14/2025

SECTION 9: APPLICANT CERTIFICATION *(The certification below applies to all applicants.)*

I have read the Kentucky Railroad Crossing Improvement guidance document, and I understand and agree to abide by what is stated therein. I also hereby certify, subject to the provisions of KRS 523.100 (unsworn falsification to authorities), that the above information is true and correct to the best of my knowledge.

PRINTED NAME AND TITLE	SIGNATURE	DATE
Ernest L. Jackson, Public Safety Manager	Ernest L Jackson (22)	02/14/2025

Submission Directions: Applicants must combine their completed application and all required attachments into a single PDF and submit it electronically via email to KYTC.ModalPrograms@ky.gov. It is the responsibility of the applicant to ensure delivery of the emailed submission.

Exhibit A

EXHIBIT - PROPOSED SAFETY IMPROVEMENTS

PROJECT DESCRIPTION: TO INCREASE SAFETY AT THIS RAIL ROAD CROSSING, SECTIONS OF CONTINUOUS CURB ARE BEING PROPOSED TO CHANNELIZE VEHICLES THAT ARE QUEUED AT THE RAIL ROAD CROSSING. THIS WILL DETER DRIVERS FROM DRIVING AROUND THE CROSSING ARM WHEN THE SIGNAL IS ACTIVATED.

NOTE:
CONCEPTUAL - NOT FOR CONSTRUCTION

REV	BY	DATE	DESCRIPTION

DO NOT SCALE THIS DRAWING FOR DIMENSIONS NOT GIVEN

NORFOLK SOUTHERN

MIDWEST
LOUISVILLE

ATLANTA, GA

DOT# 725119B -- LOUISVILLE, KY
ROBARDS LANE

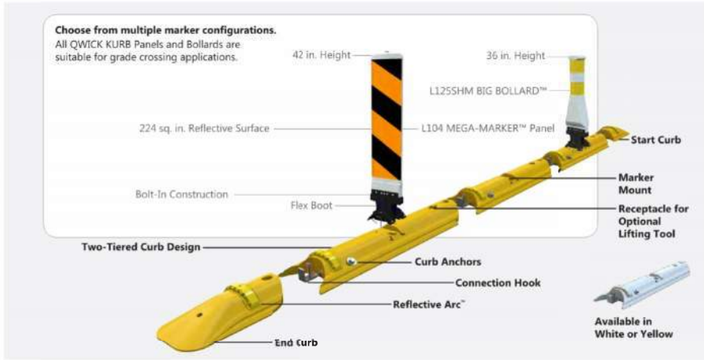
DGN	VAL SEC N/A MAP N/A	MILEPOST 280.58 W
CHK	FILE N/A	DATE 24-JAN-2025
SHEET NO 01 OF 02	DRAWING NO N/A	

STV INCORPORATED
1201 PEACHTREE STREET, NE, SUITE 1550
ATLANTA, GEORGIA 30361
678-735-7650

Exhibit B

EXHIBIT - PROPOSED SAFETY IMPROVEMENTS

PROJECT DESCRIPTION: TO INCREASE SAFETY AT THIS RAIL ROAD CROSSING, SECTIONS OF CONTINUOUS CURB ARE BEING PROPOSED TO CHANNELIZE VEHICLES THAT ARE QUEUED AT THE RAIL ROAD CROSSING. THIS WILL DETER DRIVERS FROM DRIVING AROUND THE CROSSING ARM WHEN THE SIGNAL IS ACTIVATED.



NOTE:
CONCEPTUAL - NOT FOR CONSTRUCTION

REV	BY	DATE	DESCRIPTION

DO NOT SCALE THIS DRAWING FOR DIMENSIONS NOT GIVEN

NORFOLK SOUTHERN

MIDWEST
LOUISVILLE

ATLANTA, GA

DOT# 725119B -- LOUISVILLE, KY
ROBARDS LANE

DGN	VAL SEC N/A MAP N/A		MILEPOST 280.58 W
CHK	FILE N/A		DATE 24-JAN-2025
SHEET NO 02 OF 02		DRAWING NO N/A	

STV INCORPORATED
1201 PEACHTREE STREET, NE, SUITE 1550
ATLANTA, GEORGIA 30361
678-735-7650

Exhibit C

Report No.: 1

Onsite Representative: James M Schonk
PRINT NAME

PRELIMINARY ENGINEERING ON-SITE REPRESENTATIVE REPORT

Railroad Line		Date of Report:	*2/1/2025*
Milepost:	*290.142-W*	Date of Visit:	*1/31/2025*
Railroad File No.:	*DOT# 735542R*	Weather:	*Partly Cloudy*
Location:	*Louisville, Ky*	Temperature:	*High: 62 Low: 36*
Route No.:	*Robards Lane*	Project Sponsor:	
Railroad Division:		STV Project No:	*4019903-2528-3510*

SAFETY OF OPERATIONS

STV Onsite Check in Log:
Railway Contact: _____ *Date:* _____
How Contacted: _____ *Time:* _____

Is Flagman Needed? _____ Present? _____ Name: _____
Flagman from: B&B _____ T&E _____ M of W _____

PROJECT DESCRIPTION

TRACK INFORMATION

No. of Tracks:	*1*
Track Type:	*Continuous weld*
Direction:	
Alignment:	
Profile (Grade):	
Superelevation:	
Right of Way:	
Rail Type:	
Crossing Length:	
Crossing Type:	

Additional Track Info:

SIGNALS/COMMUNICATIONS

Do any Railway Signals or Communication lines need to be removed or relocated? _____
Do any Railway Signals or Communication lines need to be protected? _____
Additional Signal/Communication Info:

DRAINAGE

Is Current Drainage adequate? _____
Is proposed site Drainage Adequate? _____
Is proposed Structure Drainage Adequate? _____
Additional Drainage Info:

Exhibit D

DETAILED CONSTRUCTION ESTIMATE

Grade Crossing Hazard Elimination - Louisville, KY_DOT# 725119B_MP 280.58 W

Estimate of Proposed Crossing Improvements

Item	Unit	Quantity	Unit Price	Cost
Qwick Kurb Interlocking Raised Separator Unit, Yellow	**EA**	50	$110.00	**$5,500**
Qwick Kurb Male and Female End Unit, Yellow	**EA**	4	$100.00	**$400**
Qwick Kurb Reflective Arc, Yellow	**EA**	50	$30.00	**$1,500**
Qwick Kurb Mega Marker w/ Flex & Bar, Yellow Reflective Sheeting (spaced 10 feet apart)**	**EA**	20	$120.00	**$2,400**
Qwick Kurb Pavement Anchors	**EA**	100	$3.00	**$300**
Edge Delineators*	**EA**	0	$150.00	**$0**
Railroad Striping/Pavement Markings	**LF**	0	$1.30	**$0**
Advanced Warning Signs (Solar Powered Flashing Sign)***	**LS**	0	$7,000.00	**$0**
Project Coordination/Mobilization	**LS**	1	$6000.00	**$6,000**
Manpower/Installation w/ 4 Person crew (Assume 8-hour duration)	**LH**	64	$70.00	**$4,480**
MOT/Traffic Controls	**LS**	1	$3000.00	**$3,000**
Total Cost				**$23,580**

* Future cost of damaged uprights is estimated as $15/yr per 10 feet for delineators.

** Securing Arcs and Screws are included in estimate.

*** 3-year limited battery warranty, 5-year limited system warranty, 10-year limited solar panel warranty.

Exhibit E

U. S. DOT CROSSING INVENTORY FORM

DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION

OMB No. 2130-0017

Instructions for the initial reporting of the following types of new or previously unreported crossings: For public highway-rail grade crossings, complete the entire inventory Form. For private highway-rail grade crossings, complete the Header, Parts I and II, and the Submission Information section. For public pathway grade crossings (including pedestrian station grade crossings), complete the Header, Parts I and II, and the Submission Information section. For Private pathway grade crossings, complete the Header, Parts I and II, and the Submission Information section. For grade-separated highway-rail or pathway crossings (including pedestrian station crossings), complete the Header, Part I, and the Submission Information section. For changes to existing data, complete the Header, Part I Items 1-3, and the Submission Information section, in addition to the updated data fields. Note: For private crossings only, Part I Item 20 and Part III Item 2.K. are required unless otherwise noted. An asterisk * denotes an optional field.

A. Revision Date (MM/DD/YYYY)	B. Reporting Agency	C. Reason for Update (Select only one)	D. DOT Crossing Inventory Number
12 / 06 / 2024	☒ Railroad ☐ Transit ☐ State ☐ Other	☒ Change in Data ☐ New Crossing ☐ Closed ☐ No Train Traffic ☐ Quiet Zone Update ☐ Re-Open ☐ Date Change Only ☐ Change in Primary Operating RR ☐ Admin. Correction	725119B

Part I: Location and Classification Information

1. Primary Operating Railroad	2. State	3. County
Norfolk Southern Railway Company [NS]	KENTUCKY	JEFFERSON

4. City / Municipality	5. Street/Road Name & Block Number	6. Highway Type & No.
☐ In ☒ Near LOUISVILLE	ROBARDS LANE (Street/Road Name) | * (Block Number)	LS

7. Do Other Railroads Operate a Separate Track at Crossing?	8. Do Other Railroads Operate Over Your Track at Crossing?
☐ Yes ☒ No If Yes, Specify RR	☐ Yes ☒ No If Yes, Specify RR

9. Railroad Division or Region	10. Railroad Subdivision or District	11. Branch or Line Name	12. RR Milepost
☐ None MIDWEST	☐ None LOUISVILLE	☒ None	(prefix) | 0280.580 (nnnn.nnn) | W (suffix)

13. Line Segment *	14. Nearest RR Timetable Station *	15. Parent RR (if applicable)	16. Crossing Owner (if applicable)
	WHITNER	☒ N/A	☒ N/A

17. Crossing Type	18. Crossing Purpose	19. Crossing Position	20. Public Access (if Private Crossing)	21. Type of Train	22. Average Passenger Train Count Per Day
☒ Public ☐ Private	☒ Highway ☐ Pathway, Ped. ☐ Station, Ped.	☒ At Grade ☐ RR Under ☐ RR Over	☐ Yes ☐ No	☒ Freight ☐ Intercity Passenger ☐ Commuter ☐ Transit ☐ Shared Use Transit ☐ Tourist/Other	☐ Less Than One Per Day ☐ Number Per Day 0

23. Type of Land Use
☐ Open Space ☐ Farm ☐ Residential ☒ Commercial ☐ Industrial ☐ Institutional ☐ Recreational ☐ RR Yard

24. Is there an Adjacent Crossing with a Separate Number?	25. Quiet Zone (FRA provided)
☐ Yes ☒ No If Yes, Provide Crossing Number	☒ No ☐ 24 Hr ☐ Partial ☐ Chicago Excused Date Established

26. HSR Corridor ID	27. Latitude in decimal degrees	28. Longitude in decimal degrees	29. Lat/Long Source
☒ N/A	(WGS84 std: nn.nnnnnnn) 38.1912208	(WGS84 std: -nnn.nnnnnnn) -85.6928115	☒ Actual ☐ Estimated

30.A. Railroad Use *	31.A. State Use *
30.B. Railroad Use *	31.B. State Use *
30.C. Railroad Use *	31.C. State Use *
30.D. Railroad Use *	31.D. State Use *
32.A. Narrative (Railroad Use) *	32.B. Narrative (State Use) *

33. Emergency Notification Telephone No. (posted)	34. Railroad Contact (Telephone No.)	35. State Contact (Telephone No.)
800-946-4744	800-946-4744	502-564-3210

Part II: Railroad Information

1. Estimated Number of Daily Train Movements

1.A. Total Day Thru Trains (6 AM to 6 PM)	1.B. Total Night Thru Trains (6 PM to 6 AM)	1.C. Total Switching Trains	1.D. Total Transit Trains	1.E. Check if Less Than One Movement Per Day ☐ How many trains per week?
6	6	1	0	

2. Year of Train Count Data (YYYY)	3. Speed of Train at Crossing
2024	3.A. Maximum Timetable Speed (mph) 45 3.B. Typical Speed Range Over Crossing (mph) From 25 to 45

4. Type and Count of Tracks
Main 1 Siding 0 Yard 0 Transit 0 Industry 0

5. Train Detection (Main Track only)
☒ Constant Warning Time ☐ Motion Detection ☐AFO ☐ PTC ☐ DC ☐ Other ☐ None

6. Is Track Signaled?	7.A. Event Recorder	7.B. Remote Health Monitoring
☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☒ No

U. S. DOT CROSSING INVENTORY FORM

A. Revision Date *(MM/DD/YYYY)*	PAGE 2	D. Crossing Inventory Number *(7 char.)*
12/06/2024		725119B

Part III: Highway or Pathway Traffic Control Device Information

1. Are there Signs or Signals? ☒ Yes ☐ No

2. Types of Passive Traffic Control Devices associated with the Crossing

2.A. Crossbuck Assemblies *(count)*	2.B. STOP Signs *(R1-1)* *(count)*	2.C. YIELD Signs *(R1-2)* *(count)*	2.D. Advance Warning Signs *(Check all that apply; include count)* ☐ None
2	0	0	☒ W10-1 2 ☐ W10-3 ☐ W10-11 ☐ W10-2 ☐ W10-4 ☐ W10-12

2.E. Low Ground Clearance Sign *(W10-5)*	2.F. Pavement Markings	2.G. Channelization Devices/Medians	2.H. EXEMPT Sign *(R15-3)*	2.I. ENS Sign *(I-13)* Displayed
☐ Yes *(count 0)* ☐ No	☒ Stop Lines ☐ Dynamic Envelope ☒ RR Xing Symbols ☐ None	☐ All Approaches ☐ Median ☐ One Approach ☐ None	☐ Yes ☐ No	☒ Yes ☐ No

2.J. Other MUTCD Signs	2.K. Private Crossing Signs *(if private)*	2.L. LED Enhanced Signs *(List types)*
☐ Yes ☒ No Specify Type _____ Count 2 Specify Type _____ Count _____ Specify Type _____ Count _____	☐ Yes ☐ No	

3. Types of Train Activated Warning Devices at the Grade Crossing *(specify count of each device for all that apply)*

3.A. Gate Arms *(count)*	3.B. Gate Configuration	3.C. Cantilevered *(or Bridged)* Flashing Light Structures *(count)*	3.D. Mast Mounted Flashing Lights *(count of masts)* 2	3.E. Total Count of Flashing Light Pairs
Roadway 2 Pedestrian 0	☒ 2 Quad ☐ Full *(Barrier)* Resistance ☐ 3 Quad ☐ 4 Quad ☐ Median Gates	Over Traffic Lane 0 ☐ Incandescent Not Over Traffic Lane 0 ☐ LED	☒ Incandescent ☐ LED ☒ Back Lights Included ☐ Side Lights Included	4

3.F. Installation Date of Current Active Warning Devices: *(MM/YYYY)*	3.G. Wayside Horn	3.H. Highway Traffic Signals Controlling Crossing	3.I. Bells *(count)*
02 / 2005 ☐ Not Required	☐ Yes Installed on *(MM/YYYY)* _____/_____ ☒ No	☐ Yes ☒ No	1

3.J. Non-Train Active Warning	3.K. Other Flashing Lights or Warning Devices
☐ Flagging/Flagman ☐ Manually Operated Signals ☐ Watchman ☐ Floodlighting ☒ None	Count 6 Specify type gate lights

4.A. Does nearby Hwy Intersection have Traffic Signals?	4.B. Hwy Traffic Signal Interconnection	4.C. Hwy Traffic Signal Preemption	5. Highway Traffic Pre-Signals	6. Highway Monitoring Devices *(Check all that apply)*
☐ Yes ☒ No	☒ Not Interconnected ☐ For Traffic Signals ☐ For Warning Signs	☐ Simultaneous ☐ Advance	☐ Yes ☒ No Storage Distance * 0 Stop Line Distance * 0	☐ Yes - Photo/Video Recording ☐ Yes – Vehicle Presence Detection ☒ None

Part IV: Physical Characteristics

1. Traffic Lanes Crossing Railroad	2. Is Roadway/Pathway Paved?	3. Does Track Run Down a Street?	4. Is Crossing Illuminated? *(Street lights within approx. 50 feet from nearest rail)*
☐ One-way Traffic ☒ Two-way Traffic ☐ Divided Traffic Number of Lanes 2	☒ Yes ☐ No	☐ Yes ☒ No	☒ Yes ☐ No

5. Crossing Surface *(on Main Track, multiple types allowed)* Installation Date * *(MM/YYYY)* _____/_____ Width * _____ Length * _____
☐ 1 Timber ☒ 2 Asphalt ☐ 3 Asphalt and Timber ☐ 4 Concrete ☐ 5 Concrete and Rubber ☐ 6 Rubber ☐ 7 Metal
☐ 8 Unconsolidated ☐ 9 Composite ☐ 10 Other *(specify)* _____

6. Intersecting Roadway within 500 feet?	7. Smallest Crossing Angle	8. Is Commercial Power Available? *
☐ Yes ☒ No If Yes, Approximate Distance *(feet)* _____	☐ 0° – 29° ☐ 30° – 59° ☒ 60° - 90°	☐ Yes ☒ No

Part V: Public Highway Information

1. Highway System	2. Functional Classification of Road at Crossing	3. Is Crossing on State Highway System?	4. Highway Speed Limit
☐ (01) Interstate Highway System ☐ (02) Other Nat Hwy System (NHS) ☐ (03) Federal AID, Not NHS ☒ (08) Non-Federal Aid	☐ (0) Rural ☒ (1) Urban ☐ (1) Interstate ☒ (5) Major Collector ☐ (2) Other Freeways and Expressways ☐ (3) Other Principal Arterial ☐ (6) Minor Collector ☐ (4) Minor Arterial ☐ (7) Local	☐ Yes ☒ No	35 MPH ☒ Posted ☐ Statutory

5. Linear Referencing System *(LRS Route ID)* * 056 CR-1026G
6. LRS Milepost * 0.182

7. Annual Average Daily Traffic *(AADT)*	8. Estimated Percent Trucks	9. Regularly Used by School Buses?	10. Emergency Services Route
Year 2017 AADT 2140	0 %	☐ Yes ☒ No Average Number per Day _____	☐ Yes ☐ No

Submission Information - *This information is used for administrative purposes and is not available on the public website.*

Submitted by _____ Organization _____ Phone _____ Date _____

DEPARTMENT OF TRANSPORTATION
FEDERAL RAILROAD ADMINISTRATION (FRA)

HIGHWAY-RAIL GRADE CROSSING ACCIDENT/INCIDENT REPORT

OMB Approval No. 2130-0500

1.Name of Reporting Railroad: **Norfolk Southern Railway Company [NS]**	1a. Alphabetic Code: **NS**	1b. Railroad Accident/Incident No.: **139095**
2.Name of Other Railroad or Other Entity Filling for Equipment Involved in Train Accident/Incident	2a. Alphabetic Code	2b. Railroad Accident/Incident No.
3. Name of Railroad or Other Entity Responsible for Track Maintenance *(single entry)*: **Norfolk Southern Railway Company [NS]**	3a. Alphabetic Code: **NS**	3b. Railroad Accident/Incident No.: **139095**
4. U.S. DOT Grade Crossing ID No.: **724516V**	5. Date of Accident/Incident (month/day/year): **0 9 / 0 8 / 2020**	6. Time of Accident/Incident: **12:22** AM ☑ PM ☐
7. Nearest Railroad Station: **LEXINGTON**	8. Subdivision: **LAKE**	9. County: **FAYETTE**
10. State Abbr.: **KY** Code: **21**		
11. City *(if in a city)*: **LEXINGTON**	12. Highway Name or No.: **SR1978/GREENDALE ROA**	Public ☑ Private ☐

Highway User Involved

13. Type — C. Truck-trailer; F. Bus; J. Other Motor Vehicle; A. Auto; D. Pick-up truck; G. School Bus; K. Pedestrian; B. Truck; E. Van; H. Motorcycle; M. Other *(specify)*. Code: **A**

14. Vehicle Speed *(est. mph at impact)*: **0**

15. Direction *(geographical)* 1. North 2. South 3. East 4. West. Code: **4**

16. Position 1. Stalled or stuck on crossing 2. Stopped on Crossing 3. Moving over crossing 4. Trapped on crossing by traffic 5. Blocked on crossing by gates. Code: **2**

20a. Was the highway user and/or rail equipment involved in the impact transporting hazardous materials? 1. Highway User 2. Rail Equipment 3. Both 4. Neither. Code: **4**

Rail Equipment Involved

17. Equipment — 1. Train *(units pulling)*; 2. Train *(units pushing)*; 3. Train *(standing)*; 4. Car(s) *(moving)*; 5. Car(s) *(standing)*; 6. Light loco(s) *(moving)*; 7. Light loco(s) *(standing)*; 8. Other *(specify)*; A. Train pulling- RCL; B. Train pushing- RCL; C. Train standing- RCL; D. EMU Locomotive(s); E. DMU Locomotive(s). Code: **1**

18. Position of Car Unit in Train: **1**

19. Circumstance 1. Rail equipment struck highway user 2. Rail equipment struck by highway user. Code: **1**

20b. Was there a hazardous materials release by 1. Highway User 2. Rail Equipment 3. Both 4. Neither. Code: **4**

20c. State here the name and quantity of the hazardous material released, if any

21. Temperature *(specify if minus)*: **72** °F

22. Visibility *(single entry)* 1. Dawn 2. Day 3. Dusk 4. Dark. Code: **4**

23. Weather *(single entry)* 1. Clear 2. Cloudy 3. Rain 4. Fog 5. Sleet 6. Snow. Code: **1**

24. Type of Equipment Consist *(single entry)* — 1. Freight Train; 2. Passenger Train-Pulling; 3. Commuter Train-Pulling; 4. Work Train; 5. Single Car; 6. Cut of cars; 7. Yard/Switching; 8. Light loco(s); 9. Maint./inspect. car; A. Spec. MoW Equip.; B. Passenger Train-Pushing; C. Commuter Train-Pushing; D. EMU; E. DMU. Code: **1**

25. Track Type Used by Rail Equipment Involved 1. Main 2. Yard 3. Siding 4. Industry. Code: **1**

26. Track Number or Name: **SINGLE MAIN TRACK**

27. FRA Track Class (1-9,X): **4**

28. Number of Locomotive Units: **3**

29. Number of Cars: **86**

30. Consist Speed *(Recorded speed if available)* R. Recorded E. Estimated: **47** mph. Code: **E**

31. Time Table Direction 1. North 2. South 3. East 4. West. Code: **1**

32. Type of Crossing Warning — 1. Gates; 2. Cantilever FLS; 3. Standard FLS; 4. Wig wags; 5. Hwy. traffic signals; 6. Audible; 7. Crossbucks; 8. Stop signs; 9. Watchman; 10. Flagged by crew; 11. Other *(specify)*; 12. None. Code(s): **01 02 03 04 06**

33. Signaled Crossing Warning (See reverse side for instructions and codes). Code: **1**

34. Roadway Conditions — A. Dry; B. Wet; C.Snow/Slush; D.Ice; E. Sand,Mud,Dirt,Oil,Gravel; F.Water (Standing, Moving). Code: **A**

35. Location of Warning 1. Both Sides 2. Side of Vehicle Approach 3. Opposite Side of Vehicle Approach. Code: **1**

36. Crossing Warning Interconnected with Highway Signals 1. Yes 2. No 3. Unknown. Code: **2**

37. Crossing Illuminated by Street Lights or Special Lights 1. Yes 2. No 3. Unknown. Code: **2**

38. Highway User's Age: **37**

39. Highway User's Gender 1. Male 2. Female. Code: **1**

40. Highway User Went Behind or in Front of Train and Struck or was Struck by Second Train 1. Yes 2. No 3. Unknown. Code: **2**

41. Highway User 1. Went around the gate 2. Stopped and then proceeded 3. Did not stop 4. Stopped on crossing 5. Other *(specify)* 6. Went around/thru temporary barricade (if yes, see instructions) 7. Went thru the gate 8. Suicide/Attempted suicide. Code: **4**

42. Driver Passed Standing Highway Vehicle 1. Yes 2. No 3. Unknown. Code: **2**

43. View of Track Obscured by *(primary obstruction)* 1. Permanent Structure 2. Standing railroad equipment 3. Passing Train 4. Topography 5. Vegetation 6. Highway Vehicles 7. Other (specify) 8. Not Obstructed. Code: **8**

Casualties to:	Killed	Injured
46. Highway-Rail Crossing Users	1	0
49. Railroad Employees	0	0
52. Passengers on Train	0	0

44. Driver was 1. Killed 2. Injured 3. Uninjured: **1**

45. Was Driver in the Vehicle? 1. Yes 2. No. Code: **1**

47. Highway Vehicle Property Damage *(est. dollar damage)*: **$5,000**

48. Total Number of Vehicle Occupants *(including driver)*: **1**

50. Total Number of People on Train *(include passengers and train crew)*: **2**

51. Is a Rail Equipment Accident / Incident Report Being Filed 1. Yes 2. No. Code: **2**

53a. Special Study Block — Video Taken? ☐ Yes ☑ No; Video Used? ☐ Yes ☑ No

53b. Special Study Block

54. Narrative Description *(Be specific, and continue on separate sheet if necessary)*

NS TRAIN 55GT807 STRUCK A CAR THAT WAS STOPPED ON THE HWY-GRADE CROSSING, EQUIPPED WITH GATES.

55. Typed Name and Title | 56. Signature | 57. Date

NOTE: This report is part of the reporting railroad's accident report pursuant to the accident reports statute and, as such shall not "be admitted as evidence or used for any purpose in any suit or action for damages growing out of any matter mentioned in said report...." 49 U.S.C. 20903. See 49 C.F.R. 225.7 (b).

* NOTE THAT ALL CASUALTIES MUST BE REPORTED ON FORM FRA F 6180.55A

OMB Approval expires 6/30/2021

Exhibit F

PUBLIC WORKS & ASSETS
LOUISVILLE, KENTUCKY

CRAIG GREENBERG
MAYOR

JENNIFER CAUMMISAR-KERN, PE
EXECUTIVE DIRECTOR

February 10, 2025

Mr. Will Miller
Public Safety Director
Norfolk Southern Corporation
William.Miller@nscorp.com
(404) 582-6937

Re: FY 25 KYTC Railroad Crossing Safety Improvements Grant

Dear Mr. Miller:

In response to your email dated February 2, 2025, Louisville Metro Public Works and Assets, acting as the Official with Jurisdiction (OWJ), addresses the following at-grade crossings:

1. Bells Lane, DOT# 851033L
2. Robards Lane, DOT# 725119B
3. Tucker Station Road, DOT# 735542R

We are in support of the installation of Quick Kurb Median Separators at each crossing and the reconstruction of Norfolk Southern's Main Line track at the Tucker Station Road crossing. Louisville Metro Public Works & Assets agrees to maintaining the Quick Kurb Median Separators proposed to be installed as part of these projects. Please let us know any further assistance we can provide.

Respectfully,

Jennifer Caummisar-Kern

Jennifer Caummisar-Kern, PE
Executive Director