

FY 2025 Kentucky Rail Crossing Improvement Projects

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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# 735542R, Milepost 289.9-W, located in Louisville, KY is a potential crossing Norfolk Southern would like to consider for improvements by reconstructing the crossing using full depth rubber. In addition, 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

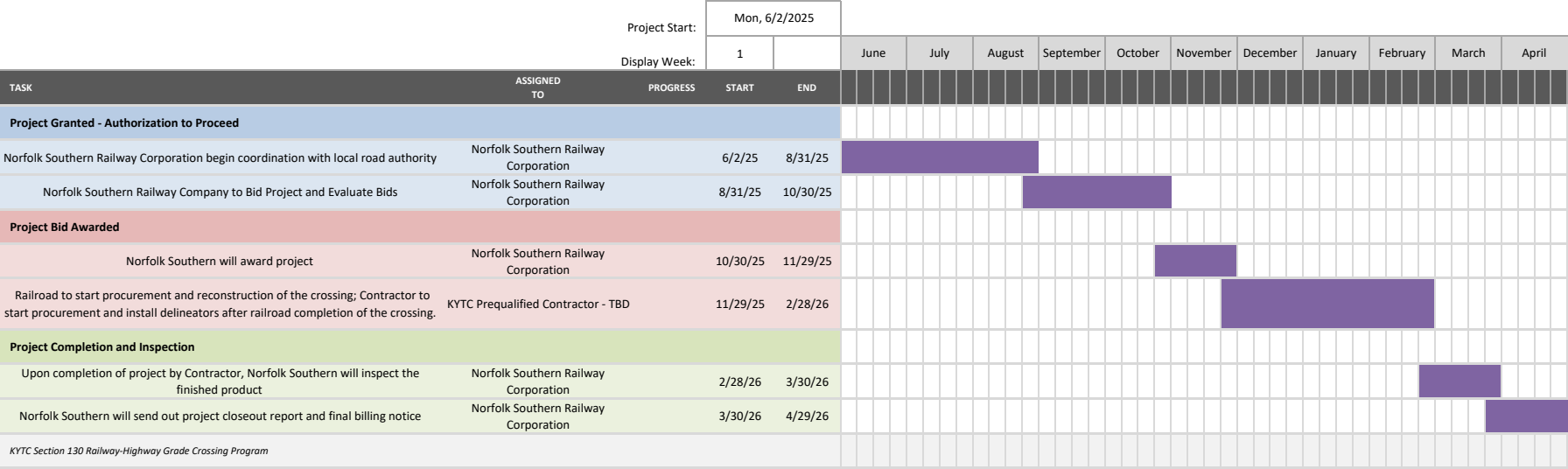
The proposed project will include reconstructing the crossing using full depth rubber and installation of raised curb medians with delineators. The raised curb medians with delineators will help channelize vehicles that are queued at the railroad crossing and deter drivers from driving around crossing 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 will reconstruct the rail crossing using railroad personnel and bid the installation of the raised curb medians with delineators 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#735542R

Norfolk Southern Railway Corporation





KENTUCKY TRANSPORTATION CABINET
Department of Highways
DIVISION OF PLANNING

TC 59-13
Rev. 02/2021
Page 1 of 4

KENTUCKY RAILROAD CROSSING IMPROVEMENT (KRCI) APPLICATION

SECTION 1: PROJECT OVERVIEW

APPLICANT NAME		DOT CROSSING #	APPLICATION YEAR
Norfolk Southern Railway Company		735542R	2025
ROAD NAME	ROAD MILE POINT	CROSSING LOCATION	
		CITY	COUNTY
Tucker Station Road		Jeffersontown	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)
\$ 142,326.00	\$ 113,860.80	\$ 28,466.20	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? Combination

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 repaving the proposed crossing consisting of asphalt and railseal. In addition, the installation of raised curb medians with delineators of 50 feet on the westside and 100 feet on the east side of the crossing. The reconstruction of the crossing with full depth rubber will help ease the roughness and eliminate the risk of damage to road user vehicles. The raised curb medians with delineators will help channelize vehicles that are queued at the railroad crossing and deter drivers 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: _____	FRA WBAPS Score: _____	Secretary Approval: <input type="checkbox"/> Y <input type="checkbox"/> N
Application Complete <input type="checkbox"/> Y <input type="checkbox"/> N	Match %: _____	KRCI Award Amount: _____
603 KAR 7:090 Compliant <input type="checkbox"/> Y <input type="checkbox"/> N	Road ADT: _____	KRCI Award Date: _____
Eligible Applicant <input type="checkbox"/> Y <input type="checkbox"/> N		



KENTUCKY TRANSPORTATION CABINET
Department of Highways
DIVISION OF PLANNING

TC 59-13
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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	4886		Midwest		
TYPICAL TRAIN SPEED AT CROSSING		# OF TRACKS AT CROSSING	RAIL MILE POINT	BRANCH/LINE NAME		
45		2	289.9-W	Louisville		
AVERAGE DAILY TRAIN MOVEMENTS AT CROSSING		FRA TRACK CLASS AT CROSSING	TOTALS FROM PREVIOUS 5 YEARS AT CROSSING			
13		Class 3	CRASHES		FATALITIES	INJURIES
			0		0	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	
Select One	inches	Taper 1	Taper 2
		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	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1. Describe in detail signs and markings <u>currently</u> used at crossing. (Text is limited.) Currently there are two W10-1 advance warning signs as well as one ENS (I-13) signs, two R15-2P signs, Stop lines, and RR Xing Symbols.		
2. Describe in detail signs and markings <u>proposed</u> 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	<input type="checkbox"/>	<input type="checkbox"/>
1. Describe in detail active traffic control devices <u>currently</u> used at crossing. Currently there two roadway gates arms, each with two quad configuration. There are two mass mounted flashing lights (incandesant and Back Lights)		
2. Describe in detail active traffic control devices <u>proposed</u> 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		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		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.

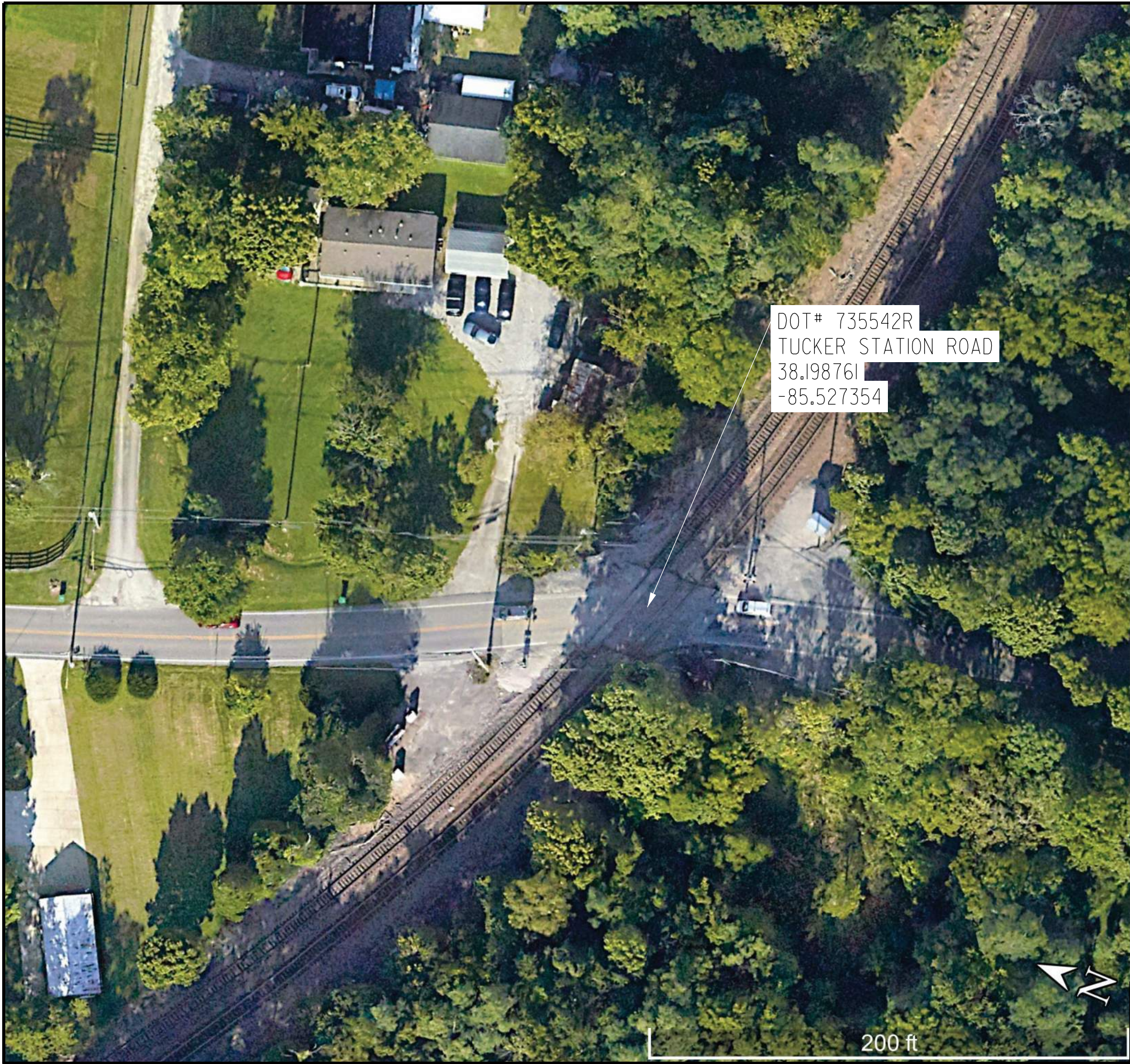


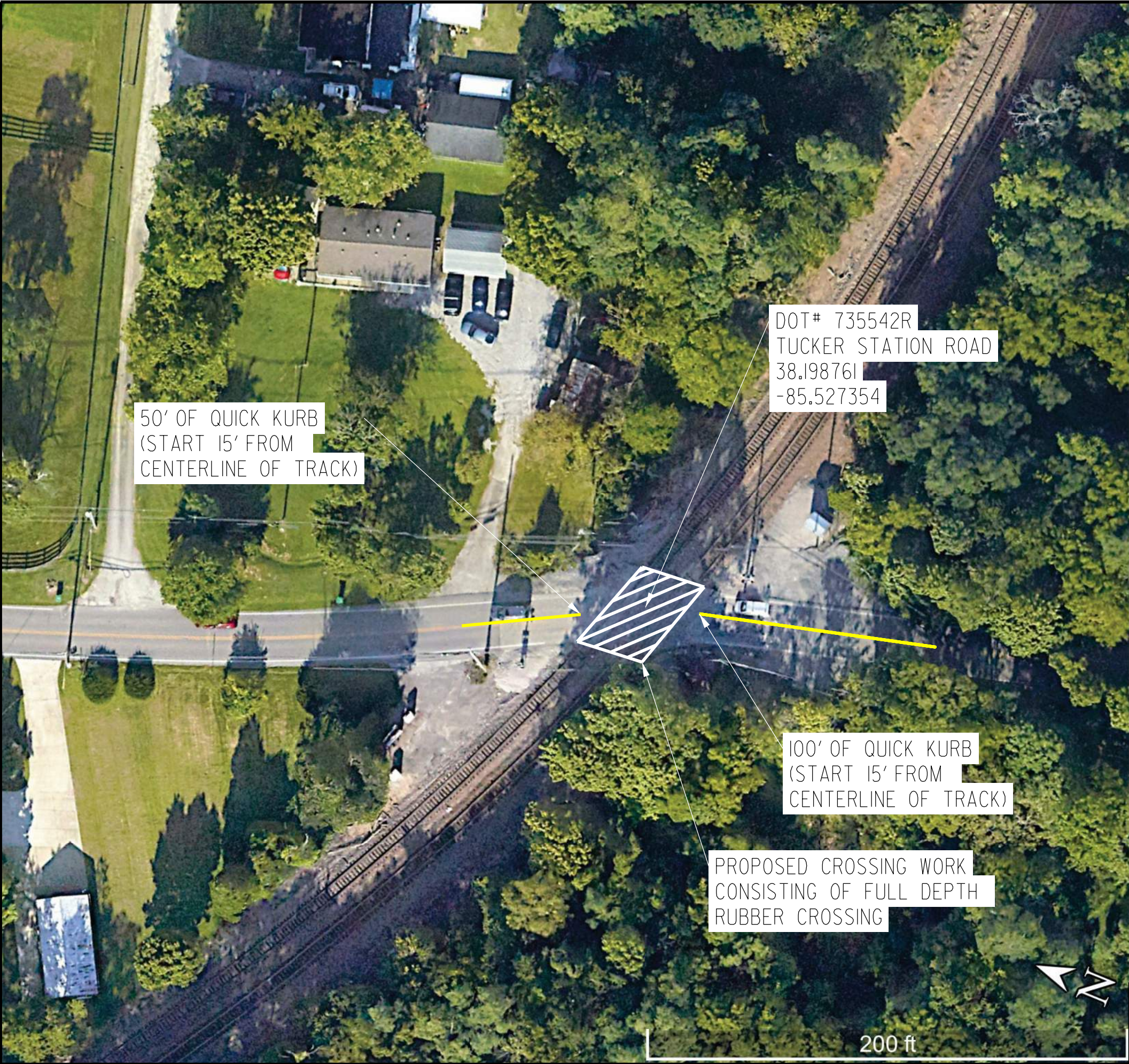
Exhibit A

EXHIBIT - PROPOSED SAFETY
IMPROVEMENTS

NOTE:
CONCEPTUAL - NOT FOR CONSTRUCTION

REV	BY	DATE	DESCRIPTION
DO NOT SCALE THIS DRAWING FOR DIMENSIONS NOT GIVEN			
<div><div><div></div><div>NS</div></div><div>NORFOLK SOUTHERN</div></div> <div>MIDWEST LOUISVILLE</div> <div>ATLANTA, GA</div>			
DOT# 735542R -- LOUISVILLE, KY TUCKER STATION ROAD			
DGN	VAL	SEC	N/A
CHK	FILE	N/A	
SHEET NO		01 OF 02	DRAWING NO N/A
MAP		N/A	MILEPOST 289.9-W
DATE		24-JAN-2025	

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



50' OF QUICK KURB
(START 15' FROM
CENTERLINE OF TRACK)

DOT# 735542R
TUCKER STATION ROAD
38.198761
-85.527354

100' OF QUICK KURB
(START 15' FROM
CENTERLINE OF TRACK)

PROPOSED CROSSING WORK
CONSISTING OF FULL DEPTH
RUBBER CROSSING


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			
<div> NORFOLK SOUTHERN MIDWEST LOUISVILLE</div> <div>ATLANTA, GA</div>			
DOT# 735542R -- LOUISVILLE, KY TUCKER STATION ROAD			
DGN	VAL	SEC	N/A
CHK	FILE	N/A	
SHEET NO 02 OF 02		DRAWING NO N/A	
		MAP N/A	
		MILEPOST 289.9-W	
		DATE 24-JAN-2025	

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



Report No.: 1
 Onsite Representative: James M Schonk
PRINT NAME

PRELIMINARY ENGINEERING ON-SITE REPRESENTATIVE REPORT

Railroad Line	_____	Date of Report:	<u>2/1/2025</u>
Milepost:	<u>290.142-W</u>	Date of Visit:	<u>1/31/2025</u>
Railroad File No.:	<u>733542R</u>	Weather:	<u>Partly Cloudy</u>
Location:	<u>Louisville, Ky</u>	Temperature:	High: <u>62</u> Low: <u>36</u>
Route No.:	<u>Tucker Station.Road</u>	Project Sponsor:	_____
Railroad Division:	_____	STV Project No:	<u>4019903-2528-3510</u>

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: 2
 Track Type: Continuous Welded
 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: _____



PRELIMINARY ENGINEERING ON-SITE REPRESENTATIVE REPORT

Time Log

ITEM	DESCRIPTION	QTY / HRS
On Site		
Travel Time		
Other (Describe)		
Total Hours Charged		

On-Site Representative: Luke Houston

PRINT NAME

STV Project No.: 4019903-2528-3510

PHOTOGRAPHS

Photograph No.: <u>1</u>
Date: <u>1/31/2025</u>
Direction of View: <u>NW</u>
Description
Crossing #.



Photograph No.: <u>2</u>
Date: <u>1/31/2025</u>
Direction of View: <u>North</u>
Description
Looking North at NS Track and crossing.



On Site Representative: James M Schonk

PRINT NAME

PRELIMINARY ENGINEERING ON-SITE REPRESENTATIVE REPORT

Railroad Line: _____
 Milepost: 290.142-W
 Railroad File No.: 733542R
 Location: Louisville, Ky
 Route No.: Tucker Station.Road
 Railroad Division: _____

Date: 2/1/2025
 Sponsor Contact: 1/31/2025
 Contacted via: Partly Cloudy
 Time Contacted: _____
 Weather: _____
 Temperature: Hi: 63 Lo: 36

PHOTOGRAPHS

Photograph No.: <u>003</u>
Date: <u>1/31/2024</u>
Direction of View: <u>North</u>
Description
<i>Looking North from South side of crossing.</i>



Photograph No.: <u>4</u>
Date: <u>1/31/2025</u>
Direction of View: <u>North</u>
Description
<i>Looking North across crossing.</i>



PRELIMINARY ENGINEERING ON-SITE REPRESENTATIVE REPORT

Railroad Line: _____
 Milepost: 290.142-W
 Railroad File No.: DOT#735542R
 Location: Louisville, Ky
 Route No.: Tucker Station Road
 Railroad Division: _____

Date: 2/1/2025
 Sponsor Contact: 1/31/2025
 Contacted via: Partly Cloudy
 Time Contacted: _____
 Weather: _____
 Temperature: Hi: 62 Lo: 36

PHOTOGRAPHS

Photograph No.: <u>5</u>
Date: <u>1/31/2025</u>
Direction of View: <u>North</u>
Description
<i>Looking North from crossing.</i>



Photograph No.: <u>6</u>
Date: <u>1/31/2025</u>
Direction of View: <u>South</u>
Description
<i>Looking South across crossing.</i>



DETAILED CONSTRUCTION ESTIMATE

Grade Crossing Hazard Elimination - Louisville, KY_DOT# 735542R_MP 289.9-W

Estimate of Proposed Crossing Improvements

Item	Unit	Quantity	Unit Price	Cost
Qwick Kurb Interlocking Raised Separator Unit, Yellow	EA	44	\$110.00	\$4,840
Qwick Kurb Male and Female End Unit, Yellow	EA	4	\$100.00	\$400
Qwick Kurb Reflective Arc, Yellow	EA	44	\$30.00	\$1,320
Qwick Kurb Mega Marker w/ Flex & Bar, Yellow Reflective Sheeting (spaced 10 feet apart)**	EA	17	\$120.00	\$2,040
Qwick Kurb Pavement Anchors	EA	88	\$3.00	\$264
Reconstruct existing crossing with full depth rubber See EXHIBIT E for detailed crossing estimate"	LS	1	\$119,992.00	\$119,992
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				\$142,336

* 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

Norfolk Southern Railway Company

Midwest Division

Louisville, Jefferson, KY

Existing Crossing

DOT Number: 735542R

MP: 289.90-W

ESTIMATE FOR CROSSING IMPROVEMENT (FULL DEPTH RUBBER SURFACE)

2 TRACK(S);

48 CROSSING LENGTH

MATERIAL	QUANTITY	UNIT	UNIT COST	AMOUNT
SURFACE MATERIAL (Full Depth)	96	TRK. FT.	400.00	38,400
ASPHALT (BY CONTRACTOR)	20	TONS	396.00	7,920
RAIL, 136-LB RE	320	LIN FT.	21.00	6,720
TRANSITION RAIL	0	EA.	1171.00	0
INSULATED JOINTS	0	EA.	1355.00	0
RAIL ANCHORS	0	EA.	1.90	0
SPIKES	5.0	KEG	118.00	590
TIE PLATES	0	EA.	10.00	0
CROSSTIES (10')	0	EA.	100.00	0
CROSSTIES (GRADE 5)	200	EA.	75.00	15,000
TRUCKED BALLAST AND GRAVEL	0	TONS	104.00	0
GEOTEXTILE	120	LIN FT.	7.00	840
THERMITE WELDS	8	EA.	691.00	5,528
ASPHALT (DISPOSAL)	0	LUMPS	5000.00	0

TOTAL (INCLUDES 11.4% INVENTORY OR TAX ADDITIVES)	83,548
---	--------

LABOR

REMOVE EXISTING CROSSING	60	MAN HOURS	35.27	2,116
REHABILITATE TRK. STRUCTURE	80	MAN HOURS	35.27	2,822
INSTALL NEW CROSSING	100	MAN HOURS	35.27	3,527

TOTAL	8,465
-------	-------

OTHER ITEMS

COMPOSITE LABOR ADDITIVE (265.42%)	22,467
EQUIPMENT RENTAL & TRANSPORTATION	5,502

PRELIMINARY & CONSTRUCTION ENGINEERING SERVICES AND INVOICE	0
---	---

TOTAL (TO BE BILLED TO PROJECT SPONSOR)	\$119,982
--	------------------

*ESTIMATE BASED ON FULL CLOSURE OF ROAD WITH TRAFFIC CONTROL AND BARRICADES PROVIDED BY OTHERS

*UNIT COSTS ARE ESTIMATED. ACTUAL UNIT COSTS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

This estimate is valid for one (1) year after the date of estimate. If work is not performed within this time frame the Railway may revise the estimate to include work not previously deemed necessary.

This estimate shall not be considered as an approval for a temporary crossing. Information provided is an estimation of the anticipated cost for the construction of the crossing only. All temporary construction crossings require a separate approval from Norfolk Southern's General Manager and Division Superintendent, a separate stand alone temporary construction crossing agreement with associated real estate fees, and all required insurances as noted in the in the temporary construction crossing agreement.

OFFICE OF CHIEF ENGINEER DESIGN & CONSTRUCTION - ATLANTA, GEORGIA

Wednesday, February 12, 2025

File: 735542R

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) 12 / 06 / 2024	B. Reporting Agency <input checked="" type="checkbox"/> Railroad <input type="checkbox"/> Transit <input type="checkbox"/> State <input type="checkbox"/> Other	C. Reason for Update (Select only one) <input checked="" type="checkbox"/> Change in Data <input type="checkbox"/> Re-Open <input type="checkbox"/> New Crossing <input type="checkbox"/> Date Change Only <input type="checkbox"/> Closed <input type="checkbox"/> Change in Primary Operating RR <input type="checkbox"/> No Train Traffic <input type="checkbox"/> Quiet Zone Update <input type="checkbox"/> Admin. Correction	D. DOT Crossing Inventory Number 735542R
---	--	--	--

Part I: Location and Classification Information

1. Primary Operating Railroad Norfolk Southern Railway Company [NS]		2. State KENTUCKY		3. County JEFFERSON	
4. City / Municipality <input type="checkbox"/> In <input checked="" type="checkbox"/> Near JEFFERSONTOWN		5. Street/Road Name & Block Number TUCKER STATION RD (Street/Road Name) * (Block Number)		6. Highway Type & No. LR	
7. Do Other Railroads Operate a Separate Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR			8. Do Other Railroads Operate Over Your Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Specify RR		
9. Railroad Division or Region <input type="checkbox"/> None MIDWEST		10. Railroad Subdivision or District <input type="checkbox"/> None LOUISVILLE		11. Branch or Line Name <input checked="" type="checkbox"/> None	
12. RR Milepost 0289.900 W (prefix) (nnnn.nnn) (suffix)					
13. Line Segment *		14. Nearest RR Timetable Station * BEAR GRASS		15. Parent RR (if applicable) <input checked="" type="checkbox"/> N/A	
16. Crossing Owner (if applicable) <input checked="" type="checkbox"/> N/A					
17. Crossing Type <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private	18. Crossing Purpose <input checked="" type="checkbox"/> Highway <input type="checkbox"/> Pathway, Ped. <input type="checkbox"/> Station, Ped.	19. Crossing Position <input checked="" type="checkbox"/> At Grade <input type="checkbox"/> RR Under <input type="checkbox"/> RR Over	20. Public Access (if Private Crossing) <input type="checkbox"/> Yes <input type="checkbox"/> No	21. Type of Train <input checked="" type="checkbox"/> Freight <input type="checkbox"/> Intercity Passenger <input type="checkbox"/> Commuter	22. Average Passenger Train Count Per Day <input type="checkbox"/> Transit <input type="checkbox"/> Shared Use Transit <input type="checkbox"/> Tourist/Other <input type="checkbox"/> Less Than One Per Day <input type="checkbox"/> Number Per Day 0
23. Type of Land Use <input type="checkbox"/> Open Space <input type="checkbox"/> Farm <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Recreational <input type="checkbox"/> RR Yard					
24. Is there an Adjacent Crossing with a Separate Number? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Provide Crossing Number			25. Quiet Zone (FRA provided) <input checked="" type="checkbox"/> No <input type="checkbox"/> 24 Hr <input type="checkbox"/> Partial <input type="checkbox"/> Chicago Excused Date Established		
26. HSR Corridor ID <input checked="" type="checkbox"/> N/A	27. Latitude in decimal degrees (WGS84 std: nn.nnnnnnn) 38.1987735		28. Longitude in decimal degrees (WGS84 std: -nnn.nnnnnnn) -85.5273505		29. Lat/Long Source <input checked="" type="checkbox"/> Actual <input type="checkbox"/> 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) 800-946-4744		34. Railroad Contact (Telephone No.) 800-946-4744		35. State Contact (Telephone No.) 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) 7	1.B. Total Night Thru Trains (6 PM to 6 AM) 6	1.C. Total Switching Trains 1	1.D. Total Transit Trains 0	1.E. Check if Less Than One Movement Per Day <input type="checkbox"/> How many trains per week? _____
2. Year of Train Count Data (YYYY) 2024		3. Speed of Train at Crossing 3.A. Maximum Timetable Speed (mph) 45 3.B. Typical Speed Range Over Crossing (mph) From 25 to 35		
4. Type and Count of Tracks Main 1 Siding 1 Yard 0 Transit 0 Industry 0				
5. Train Detection (Main Track only) <input type="checkbox"/> Constant Warning Time <input checked="" type="checkbox"/> Motion Detection <input type="checkbox"/> AFO <input type="checkbox"/> PTC <input type="checkbox"/> DC <input type="checkbox"/> Other <input type="checkbox"/> None				
6. Is Track Signaled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		7.A. Event Recorder <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7.B. Remote Health Monitoring <input type="checkbox"/> Yes <input type="checkbox"/> No

U. S. DOT CROSSING INVENTORY FORM

A. Revision Date (MM/DD/YYYY) 12/06/2024		PAGE 2		D. Crossing Inventory Number (7 char.) 735542R	
Part III: Highway or Pathway Traffic Control Device Information					
1. Are there Signs or Signals? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		2. Types of Passive Traffic Control Devices associated with the Crossing			
2.A. Crossbuck Assemblies (count) 2		2.B. STOP Signs (R1-1) (count) 0	2.C. YIELD Signs (R1-2) (count) 0	2.D. Advance Warning Signs (Check all that apply; include count) <input type="checkbox"/> None <input checked="" type="checkbox"/> W10-1 2 <input type="checkbox"/> W10-3 <input type="checkbox"/> W10-11 <input type="checkbox"/> W10-2 <input type="checkbox"/> W10-4 <input type="checkbox"/> W10-12	
2.E. Low Ground Clearance Sign (W10-5) <input type="checkbox"/> Yes (count _____) <input checked="" type="checkbox"/> No		2.F. Pavement Markings <input checked="" type="checkbox"/> Stop Lines <input type="checkbox"/> Dynamic Envelope <input checked="" type="checkbox"/> RR Xing Symbols <input type="checkbox"/> None		2.G. Channelization Devices/Medians <input type="checkbox"/> All Approaches <input type="checkbox"/> Median <input type="checkbox"/> One Approach <input checked="" type="checkbox"/> None	
2.H. EXEMPT Sign (R15-3) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2.I. ENS Sign (I-13) Displayed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
2.J. Other MUTCD Signs Specify Type R15-2P Count 2 Specify Type _____ Count _____ Specify Type _____ Count _____		2.K. Private Crossing Signs (if private) <input type="checkbox"/> Yes <input type="checkbox"/> No		2.L. LED Enhanced Signs (List types)	
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) Roadway 2 Pedestrian 0		3.B. Gate Configuration <input checked="" type="checkbox"/> 2 Quad <input type="checkbox"/> Full (Barrier) <input type="checkbox"/> 3 Quad Resistance <input type="checkbox"/> 4 Quad Median Gates		3.C. Cantilevered (or Bridged) Flashing Light Structures (count) Over Traffic Lane 0 <input type="checkbox"/> Incandescent Not Over Traffic Lane 0 <input type="checkbox"/> LED	
3.D. Mast Mounted Flashing Lights (count of masts) 2 <input checked="" type="checkbox"/> Incandescent <input type="checkbox"/> LED <input checked="" type="checkbox"/> Back Lights Included <input type="checkbox"/> Side Lights Included		3.E. Total Count of Flashing Light Pairs 4			
3.F. Installation Date of Current Active Warning Devices: (MM/YYYY) 05 / 2016 <input type="checkbox"/> Not Required		3.G. Wayside Horn <input type="checkbox"/> Yes Installed on (MM/YYYY) ____/____ <input checked="" type="checkbox"/> No		3.H. Highway Traffic Signals Controlling Crossing <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3.I. Bells (count) 1		3.J. Non-Train Active Warning <input type="checkbox"/> Flagging/Flagman <input type="checkbox"/> Manually Operated Signals <input type="checkbox"/> Watchman <input type="checkbox"/> Floodlighting <input checked="" type="checkbox"/> None			
3.K. Other Flashing Lights or Warning Devices Count 0 Specify type _____		3.L. Highway Traffic Pre-Signals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Storage Distance * 0 Stop Line Distance * 0			
4.A. Does nearby Hwy Intersection have Traffic Signals? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		4.B. Hwy Traffic Signal Interconnection <input checked="" type="checkbox"/> Not Interconnected <input type="checkbox"/> For Traffic Signals <input type="checkbox"/> For Warning Signs		4.C. Hwy Traffic Signal Preemption <input type="checkbox"/> Simultaneous <input type="checkbox"/> Advance	
4.D. Highway Monitoring Devices (Check all that apply) <input type="checkbox"/> Yes - Photo/Video Recording <input type="checkbox"/> Yes - Vehicle Presence Detection <input checked="" type="checkbox"/> None		4.E. Highway Monitoring Devices (Check all that apply) <input type="checkbox"/> Yes - Photo/Video Recording <input type="checkbox"/> Yes - Vehicle Presence Detection <input checked="" type="checkbox"/> None			
Part IV: Physical Characteristics					
1. Traffic Lanes Crossing Railroad <input type="checkbox"/> One-way Traffic <input checked="" type="checkbox"/> Two-way Traffic Number of Lanes 2 <input type="checkbox"/> Divided Traffic		2. Is Roadway/Pathway Paved? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		3. Does Track Run Down a Street? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Is Crossing Illuminated? (Street lights within approx. 50 feet from nearest rail) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		5. Crossing Surface (on Main Track, multiple types allowed) Installation Date * (MM/YYYY) ____/____ Width * _____ Length * _____ <input type="checkbox"/> 1 Timber <input checked="" type="checkbox"/> 2 Asphalt <input type="checkbox"/> 3 Asphalt and Timber <input type="checkbox"/> 4 Concrete <input type="checkbox"/> 5 Concrete and Rubber <input type="checkbox"/> 6 Rubber <input type="checkbox"/> 7 Metal <input type="checkbox"/> 8 Unconsolidated <input type="checkbox"/> 9 Composite <input type="checkbox"/> 10 Other (specify) _____			
6. Intersecting Roadway within 500 feet? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Approximate Distance (feet) _____		7. Smallest Crossing Angle <input type="checkbox"/> 0° - 29° <input checked="" type="checkbox"/> 30° - 59° <input type="checkbox"/> 60° - 90°		8. Is Commercial Power Available? * <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Part V: Public Highway Information					
1. Highway System <input type="checkbox"/> (01) Interstate Highway System <input type="checkbox"/> (02) Other Nat Hwy System (NHS) <input type="checkbox"/> (03) Federal AID, Not NHS <input checked="" type="checkbox"/> (08) Non-Federal Aid		2. Functional Classification of Road at Crossing <input checked="" type="checkbox"/> (0) Rural <input type="checkbox"/> (1) Urban <input type="checkbox"/> (1) Interstate <input type="checkbox"/> (5) Major Collector <input type="checkbox"/> (2) Other Freeways and Expressways <input type="checkbox"/> (3) Other Principal Arterial <input type="checkbox"/> (6) Minor Collector <input type="checkbox"/> (4) Minor Arterial <input checked="" type="checkbox"/> (7) Local		3. Is Crossing on State Highway System? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Highway Speed Limit 35 _____ MPH <input checked="" type="checkbox"/> Posted <input type="checkbox"/> Statutory		5. Linear Referencing System (LRS Route ID) * 056 CR-1001H			
6. LRS Milepost * 3.6602		7. Annual Average Daily Traffic (AADT) Year 2016 AADT 4886			
8. Estimated Percent Trucks 0 _____ %		9. Regularly Used by School Buses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Average Number per Day _____		10. Emergency Services Route <input type="checkbox"/> Yes <input type="checkbox"/> No	
Submission Information - This information is used for administrative purposes and is not available on the public website.					
Submitted by _____ Organization _____ Phone _____ Date _____					
Public reporting burden for this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. According to the Paperwork Reduction Act of 1995, a federal agency may not conduct or sponsor, and a person is not required to, nor shall a person be subject to a penalty for failure to comply with, a collection of information unless it displays a currently valid OMB control number. The valid OMB control number for information collection is 2130-0017. Send comments regarding this burden estimate or any other aspect of this collection, including for reducing this burden to: Information Collection Officer, Federal Railroad Administration, 1200 New Jersey Ave. SE, MS-25 Washington, DC 20590.					



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,

A handwritten signature in blue ink that reads "Jennifer Caummisar-Kern".

Jennifer Caummisar-Kern, PE
Executive Director