



**KENTUCKY RAILROAD CROSSING IMPROVEMENT (KRCI) APPLICATION**

**SECTION 1: PROJECT OVERVIEW**

<b>APPLICANT NAME</b>	<b>DOT CROSSING #</b>	<b>APPLICATION YEAR</b>
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Paducah and Louisville Railway	296838B	2023
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<b>ROAD NAME</b>	<b>ROAD MILE POINT</b>	<b>CROSSING LOCATION</b>	
		<b>CITY</b>	<b>COUNTY</b>

E. Orell Rd.	14.4	Valley Station	Jefferson
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**PROJECT TYPE**

- Crossing Rehab Select One     
  Crossing Safety Upgrade Signals/Lights     
  Obstructive Vegetation Removal

TOTAL PROJECT COST	KRCI FUNDING REQUESTED	APPLICANT MATCH	APPLICANT MATCH % (20% Minimum)
\$ 260,806.59	\$ 208,645.27	\$ 52,161.32	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.)

Statement Of Work:

The purpose of this project is to upgrade and improve signal warning devices and thereby, improve public safety at the railroad crossing.

Scope Of Work:

- \* Replace crossing controls and warning equipment
- \* Install 2 S-60 gate combos
- \* Install LED Lighting
- \* install 6x6 house
- \* Install GCP 3000 plus with 40 amp controller

**FOR KYTC USE ONLY**

Date Received: _____	FRA WBAPS Score: _____	Secretary Approval: <input type="checkbox"/> Y <input type="checkbox"/> N
Application Complete      Y    N <input type="checkbox"/> <input type="checkbox"/>	Match %: _____	KRCI Award Amount: _____
603 KAR 7:090 Compliant <input type="checkbox"/> <input type="checkbox"/>	Road ADT: _____	KRCI Award Date: _____
Eligible Applicant <input type="checkbox"/> <input type="checkbox"/>		



**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
0212961	A-Active	G-Good

**PRIMARY CONTACT INFORMATION**

NAME & TITLE	PHONE	EMAIL		
Floyd Bishop - VP & Chief Engineer	812-270-0551	fbishop@palrr.com		
MAILING ADDRESS	CITY	STATE	ZIP	
200 Clark St.	Paducah	KY	42003	

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	2274	Kentucky		
TYPICAL TRAIN SPEED AT CROSSING	# OF TRACKS AT CROSSING	RAIL MILE POINT	BRANCH/LINE NAME		
35	1	14.4	Main		
AVERAGE DAILY TRAIN MOVEMENTS AT CROSSING	FRA TRACK CLASS AT CROSSING	TOTALS FROM PREVIOUS 5 YEARS AT CROSSING			
10	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.)*

	<b>INSTALL</b>	<b>UPGRADE EXISTING</b>
A. Project Signage Work: Crossing Signs and Markings	<input type="checkbox"/>	<input type="checkbox"/>
1. Describe in detail signs and markings <u>currently</u> used at crossing. <i>(Text is limited.)</i>		
2. Describe in detail signs and markings <u>proposed</u> at crossing as part of the project. <i>(Text is limited.)</i>		

	<b>INSTALL</b>	<b>UPGRADE EXISTING</b>
B. Project Signal Work: Active Traffic Control Devices	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1. Describe in detail active traffic control devices <u>currently</u> used at crossing. AFO Crossing System		
2. Describe in detail active traffic control devices <u>proposed</u> at crossing as part of the project. GCP 3000 plus with 40 amp controller, 2 S-60 Gate combos, & LED Lighting		



**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
Floyd Bishop - VP & Chief Engineer		06/12/2023

**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
Floyd Bishop - VP & Chief Engineer		06/12/2023

**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](mailto:KYTC.ModalPrograms@ky.gov). It is the responsibility of the applicant to ensure delivery of the emailed submission.

**P&L**

Valley Station

**FORCE ACCOUNT ESTIMATE**

EFFECTIVE DATE: 6-8-2023	296 838B
STATE PROJECT #:	MILE POST: J14.4
OP #:	CONTRACTOR: INTERRAIL
Orell Road	ESTIMATE #: 1

LOCATION DESCRIPTION: INSTALLATION OF 2 gate combos,6X6 house, GCP3000 Plus 40 amp controller

QTY	ITEM	DESCRIPTION	COST
1	MATERIAL	SHOP MATERIAL	\$71,344.64
1	MATERIAL	CONSUMABLES MATERIAL	\$2,050.00
1	MATERIAL	FIELD MATERIAL	\$88,880.95
1	MATERIAL	SUB TOTAL MATERIAL	\$162,275.59
1	TAX	SALES TAX	\$10,142.22
1	FREIGHT	5% OF MATERIAL	\$8,113.78
		<b>GRAND TOTAL MATERIAL</b>	<b>\$180,531.59</b>

DAYS	LABOR	DESCRIPTION	COST
100	CONSTRUCTION	1 MANDAY = 10 HOUR WORKDAY PER MAN = \$400.00 PER MANDAY	\$40,000.00
12	SHOP	1 MANDAY = 10 HOUR WORKDAY PER MAN = \$400.00 PER MANDAY	\$4,800.00
105	MEALS & LODGING	SUBSISTENCE FOR CONSTRUCTION FORCES - \$150.00 PER DAY	\$9,975.00
5	SUPERVISION	INTERRAIL IN SERVICE TESTING AND SUPERVISION @ \$90.00 PER HOUR	\$4,500.00
	BORING-FT 100	@ \$50 PER FOOT	\$5,000.00
		<b>TOTAL MANPOWER</b>	<b>\$64,275.00</b>

DAYS	ITEM	DESCRIPTION	COST
10	BACKHOE	4 WHEEL DRIVE	\$1,500.00
0	DUMP TRUCK	2-1/2 TON	\$0.00
10	TRUCK & TRAILER	Utility Truck with tools	\$1,500.00
10	BOOM TRUCK	75' HYDRO-BOOM	\$1,500.00
0	60 HP TRENCHER	HERTZ/VERMEER	\$0.00
10	TRUCK & TRAILER	EQUIPMENT TRUCK AND TRAILOR	\$1,500.00
0	AIR COMPRESSOR	350 CFM COMPRESSOR W/PAVEMENT BREAKER JACKHAMMER	\$0.00
0	DUMPSTER	REFUSE CONTAINER AND DISPOSAL FEE PER MONTH	\$0.00
0	PORT-A-JON	PORTABLE REST ROOM PER MONTH	\$0.00
		<b>TOTAL EQUIPMENT</b>	<b>\$6,000.00</b>
		<b>UP-TO-DATE PLANS</b>	<b>\$1,500.00</b>
		<b>CONTRACT ENGINEERING</b>	<b>\$8,500.00</b>
		<b>EVWR- CROSSING TOTAL ESTIMATED Signal COST</b>	<b>\$260,806.59</b>

**NOTE:** THIS ESTIMATE **DOES** INCLUDE INSTALLATION OF POWER SERVICE, PLACING SYSTEM IN SERVICE. Does not include any aid to construction for A.C.power. Included 10 yards of concrete for sidewalk around signals

**DISCLAIMER:** THIS ESTIMATE SHOULD BE CONSIDERED **VOID** ONE YEAR FROM THE DATE OF ESTIMATE. IT **DOES NOT** LABOR AND MATERIAL FOR AC POWER OR ANY OTHER UTILITY AID TO CONSTRUCTION.

**P&L**

Valley Station

**LIST OF MATERIALS-SHOP**

EFF. DATE:6-8-2023	DOT# 296 838B
STATE PROJECT #:	MILE POST:J14.4
OP #:	CONTRACTOR: INTERRAIL
LOCATION NAME:Orell Road	ESTIMATE #: 1
LOCATION DESCRIPTION: INSTALL 2 Gate Combo's , 6X6 House, 3000 Plus with 40 amp controller	

QTY	ITEM NUMBER	DESCRIPTION	UM	PRICE	COST
1	IRS-H4X4	HOUSE, 6'X6' ALUMINUM, UNIVERSAL 1/2 INSULATION 3 SHELVES	EA	16500.00	\$16,500.00
20	0750090	NUT, INSULATED SAFETRAN 023-408-1X	EA	3.33	\$66.60
1	1940055	CONTAINER, CIRCUIT PRINT 24"	EA	8.00	\$8.00
32	4200340	LINK, TEST, OFFSET LINK 1"CENTERS	EA	1.75	\$56.00
6	4200360	LINK, INSULATED TEST, 2-3/8" CENTERS	EA	3.84	\$23.04
1	520434	CRAGG RAILCHARGER 20 AMP / MODEL 20ETC-12V	EA	950.00	\$950.00
1	520740	CHARGER, BATTERY, CRAGG 40ETC-12V CRAGG P/N 520740	EA	1400.00	\$1,400.00
0	8000-80466-0001	2-Track Redundant Casee w/ECD, W/o Modules	EA	4255.00	\$0.00
0	8000-80403-0001	CPU-II+ PROCESSOR MODULE	EA	3921.00	\$0.00
0	800-80405-0001	SSCIIIi 40A CROSSING CONTROL MODULE	EA	4981.00	\$0.00
0	8000-80407-0001	DISPLAY MODULE	EA	2283.00	\$0.00
0	8000-80410-0001	SEAR Iii INTERNAL RECORDER MODULE	EA	3914.00	\$0.00
0	8000-80418-0001	TRACK MODULE	EA	5518.00	\$0.00
0	8000-80468-0001	TRANSFER MODULE FOR 2 TRACK REDUNDANT SYSTEM	EA	350.00	\$0.00
0	80288	ELECTONIC BELL WITH BUILT IN BELL SENSOR	EA	625.00	\$0.00
0	80281	GATE TIP TRANSMITTER	EA	138.00	\$0.00
0	8027-001	INTELLIGENT CURENT SENSOR (Ilod)	EA	666.00	\$0.00
0	80160-111-IPI	3000ND2 crossing predictor	EA	39000.00	\$0.00
0		3000D2 crossing predictor	EA	55295.00	\$0.00
0		GCP 4000 Dual 2 Track Chasis	EA	41000.00	\$0.00
1		GCP 3000 Plus	EA	35869.00	\$35,869.00
0		SCX 1 style c crossing	EA	9500.00	\$0.00
1	91160-0011	SSCIII 40 AMP CROSSING CONTROLLER PN/91160	EA	7400.00	\$7,400.00
1	91170-01	BATTERY/LIGHTING SURGE PANEL / RACK / SAFETRAN	EA	3500.00	\$3,500.00
1	91170-02	LIGHTING SURGE PANEL / RACK / SAFETRAN	EA	2100.00	\$2,100.00
0	80026-38	Surge panel Track	EA	750.00	
0	80026-36	Surge panel track	EA	750.00	
0	80026-41A	AC SURGE PANEL / SAFETRAN	EA	850.00	\$0.00
0	400003	Relay Type ST Neutral 900 Ohms	EA	900.00	\$0.00
0	420000-78x	Socket plugboard Kit	EA	165.00	\$0.00
1	80026-31	BATTERY TRACK SURGE PANEL	EA	1200.00	\$1,200.00
0	80726	VHF Communicator	EA	1872.00	\$0.00
0	91042-19	Jct. Panel	EA.	338.00	\$0.00
0	80078	Echlon Termination Unit	EA	92.00	\$92.00
1		Digi 8 recorder North American Signal	EA	1800.00	\$1,800.00
2		Potter Brumfield Power Off relay and base	EA	90.00	\$180.00
1		Power off Light	EA	200.00	\$200.00
0	WSRFWPC4101C	Rail Fusion Monitoring Kit with Dual Cameras	EA	10597.40	\$0.00
0		SEAR Recorder	EA	3328.00	\$0.00
0	80297-2	Ground Fault Tester	EA	878.00	\$0.00
0		<b>SHOP MATERIAL TOTAL:</b>			<b>\$71,344.64</b>

P&L

Valley Station

LIST OF MATERIALS-CONSUMABLES

EFF. DATE:6-8-2023	DOT# 296 838B
STATE PROJECT #:	MILE POST:J14.4
OP #:	CONTRACTOR: INTERRAIL
LOCATION NAME:Orell Road	ESTIMATE #: 1
LOCATION DESCRIPTION: INSTALL 2 Gate Combo's , 6X6 House, 3000 Plus with 40 amp controller	

QTY	ITEM NUMBER	DESCRIPTION	UM	PRICE	COST
800	0017605	WIRE, CASE NO.10 AWG FLEX	FT	0.60	\$480.00
150	0017607	WIRE, CASE, TW. PR. NO. 10 AWG	FT	1.00	\$150.00
200	0017625	WIRE, CASE, TW. PR. NO. 14 AWG	FT	0.45	\$90.00
250	0017620	WIRE, CASE NO.14 AWG FLEX OKONITE 112-11-3024	FT	0.66	\$165.00
150	0017635	WIRE, OKONITE, DEL. 0018 AWG #6	FT	1.25	\$187.50
100	GBAR	TERMINAL, RING, AMP 35628, YELLOW #16-#14	EA	0.90	\$90.00
3	LS5-HS5	PANDUIT HEAT SHRINK TAGS	EA	90.00	\$270.00
50	GBAR	TERMINAL, RING, AMP 35627 BLACK #12-#10	EA	0.95	\$47.50
8	GBAR	TERMINAL, RING, AMP 322051, BLUE FOR #6 WIRE AND 1/4" STUD	EA	1.25	\$10.00
8	GBAR	TERMINAL, WIRE, AMP 322007 BLUE FOR #6 WIRE AND 3/8" STUD	EA	1.25	\$10.00
1	9999992	HOUSE, SIGNAL, HANDLING CHARGE	EA	100.00	\$100.00
1	N/A	ELECTRICAL SERVICE INSPECTION FEE	EA	150.00	\$150.00
1	LOT	MISC. SCREWS,BOLTS,NUTS,WASHERS,SILICONE,SEALANT.ETC.....	LT	300.00	\$300.00
CONSUMABLES MATERIAL TOTAL:					<b>\$2,050.00</b>

**P&L**

Valley Station

**LIST OF MATERIALS-FIELD**

EFF. DATE:6-8-2023	DOT# 296 838B
STATE PROJECT #:	MILE POST:J14.4
OP #:	CONTRACTOR: INTERRAIL
LOCATION NAME:Orell Road	ESTIMATE #: 1
LOCATION DESCRIPTION: INSTALL 2 Gate Combo's , 6X6 House, 3000 Plus with 40 amp controller	

QTY	ITEM NUMBER	DESCRIPTION	UM	PRICE	COST
6	0010442	ROD, 5/8" X 8' SECTIONAL GROUND	EA	30.00	\$180.00
0	0010443	COUPLING 5/8" SECTIONAL GROUND ROD	EA	2.46	\$0.00
6	0014335	CONNECTOR, ONE SHOT 2-WAY TYPE GT	EA	19.00	\$114.00
50	4600170	WIRE, #6 SOFT DRAWN BARE COPPER	FT	1.25	\$62.50
10	0013686	BOOTLEG, RAIL CONN. KIT FOR 2 CONNECTIONS	EA	65.00	\$650.00
500	206-11-6245	CABLE, UG 5 COND NO 6 AWG FOR SIGNALS, OKONITE	FT	8.50	\$4,250.00
500	206-11-6927	CABLE UG 7 COND NO 9 AWG FOR SIGNALS, OKONITE	FT	7.25	\$3,625.00
200	206-11-6243	CABLE UG 3 COND NO 6 FOR AC POWER, OKONITE	FT	7.75	\$1,550.00
100	4XX3597UG	4" INTERDUCT FIBER 500' ROLLS	FT	6.00	\$600.00
10	0015558	COMPOUND, DUCT SEAL, 5 LB PACKAGE	LB	1.54	\$15.40
500	0017605	WIRE, CASE NO.10 AWG FLEX	FT	0.95	\$475.00
30	GBAR	TERMINAL, RING, AMP 35628, YELLOW #16-#14	EA	0.50	\$15.00
150	0017620	WIRE, CASE NO.14 AWG FLEX OKONITE 112-11-3024	FT	0.40	\$60.00
0	0056822	TAPE, UG CABLE MARKER IMPRINT 500'/ROLL	RL	24.37	\$0.00
500	0057275	WIRE, UG TRK TWIST PAIR #6 AWG, OKONITE	FT	3.25	\$1,625.00
0	805971	BATTERY, EMF240R 320AH	EA	360.00	\$0.00
13	805972	BATTERY, EMF340R 425AH	EA	820.00	\$10,660.00
3	1040550	TRAY, PVC BATT. FIBER CO. 82687-3-P	EA	36.25	\$108.75
2	1710040	CONDUIT, PVC 4 INCH SCHEDULE 40 HEAVY WALL	LN	40.00	\$80.00
20	4200340	LINK, TEST, OFFSET LINK 1IN CENTERS	EA	0.90	\$18.00
50	GBAR	TERMINAL, RING, AMP 35627, BLACK FOR #10 WIRE	EA	0.65	\$32.50
8	GBAR	TERMINAL, RING, AMP 322051, BLUE FOR #6 WIRE AND 1/4" STUD	EA	0.60	\$4.80
8	8000067	P&L RR Lock	EA	30.00	\$240.00
12	6850686	TAPE, ELECTRICAL 3/4" 3M33	RL	3.50	\$42.00
1	1360103	METER POLE, PRE-ASSEMBLED LOAD CENTER	EA	3000.00	\$3,000.00
2	0054075	GATE SK-1000-C KEEPER, NORMAL MOVEMENT, RIGHT OF TRAFFIC DIR	EA	2724.00	\$5,448.00
0		36 foot Cantilever and Lights and Bell	EA	21500.00	\$0.00
0		22 foot Cantilever/Gate combo with S60 gates, 2 way Tip and 2 Way mast lights, 24	EA	36000.00	\$0.00
0		14 Feet cantilever/gate combo with S60	EA	48600.00	\$0.00
0		2 way Sidelight for gate mast	EA	5000.00	\$0.00
0		Pour in place foundations	EA	2600.00	\$0.00
0		Back to Back flahers	EA	3507.00	\$0.00
2	EM-3415-G32B	GATE S-60 ASSEMBLY WITH 2 WAY LIGHTS LED LIGHTS ALUMINUM MAST WITH JUNCTIONBOX BASE,HIGHWIND SUPPORT,RAILROAD CROSSING SIGN &BELL	EA	23000.00	\$46,000.00
2		S2 Prefab concrete foundations	EA	700.00	\$1,400.00
0		Ring 10	EA	175.00	\$0.00
2		Narrow Band Shunt	EA	1550.00	\$3,100.00
2		Shunt enclosure, with concrete post	EA	1600.00	\$3,200.00
0		Coupler TJC	EA	1250.00	\$0.00
0		136RE Insulated Joint	EA	385.00	\$0.00
50		Rail Head Bonds	EA	6.50	\$325.00
0		4000 PSI Concrete	YD	100.00	\$0.00
50		STONE, CRUSHER RUN	TN	40.00	\$2,000.00
<b>FIELD MATERIAL TOTAL:</b>					<b>\$88,880.95</b>

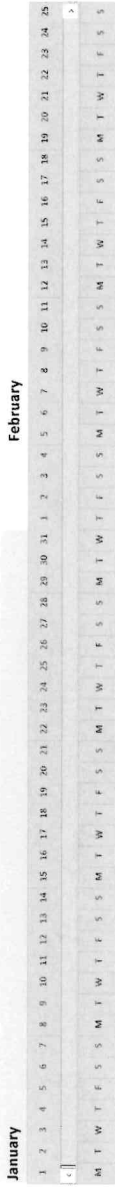


# Orell Road

**Interrail Signal**  
**Mike Hutson**

Project Start Date: 1/1/2024 This date TBD by MTP  
 Scrolling increments: 0

Legend: **On track** **Low risk** **Med risk** **High risk** **Unassigned**



Milestone/Description	Category	Assigned To	Progress	Start	Days
Design	On Track	Engineering	0%	1/1/2024	30
Material Procurement	Low Risk	Signal	0%	1/1/2024	120
Equipment Wiring	Low Risk	Signal	0%	5/1/2024	30
Installation & In-Service Testing	Med Risk	Signal	0%	6/1/2024	30

To add more data, insert new rows ABOVE this one

# 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.

<b>A. Revision Date</b> (MM/DD/YYYY) 10 / 04 / 2021	<b>B. Reporting Agency</b> <input type="checkbox"/> Railroad <input type="checkbox"/> Transit <input checked="" type="checkbox"/> State <input type="checkbox"/> Other	<b>C. Reason for Update (Select only one)</b> <input checked="" type="checkbox"/> Change in Data <input type="checkbox"/> New Crossing <input type="checkbox"/> Re-Open <input type="checkbox"/> Date Change Only <input type="checkbox"/> Closed <input type="checkbox"/> No Train Traffic <input type="checkbox"/> Quiet Zone Update <input type="checkbox"/> Admin. Correction <input type="checkbox"/> Change in Primary Operating RR	<b>D. DOT Crossing Inventory Number</b>  296838B
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## Part I: Location and Classification Information

1. Primary Operating Railroad Paducah & Louisville Railway Company [PAL]		2. State KENTUCKY		3. County JEFFERSON	
4. City / Municipality <input checked="" type="checkbox"/> In <input type="checkbox"/> Near VALLEY STATION		5. Street/Road Name & Block Number E ORELL RD <small>(Street/Road Name)   * (Block Number)</small>		6. Highway Type & No. CR-1002	
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 KENTUCKY		10. Railroad Subdivision or District <input type="checkbox"/> None LOUISVILLE		11. Branch or Line Name <input type="checkbox"/> None MAIN	
12. RR Milepost j   0014.400   <small>(prefix)   (nnnn.nnn)   (suffix)</small>		13. Line Segment * J-44			
14. Nearest RR Timetable Station * KOSMOSDALE		15. Parent RR (if applicable) <input type="checkbox"/> N/A PAL		16. Crossing Owner (if applicable) <input type="checkbox"/> N/A PAL	
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.nnnnnn) 38.0738260		28. Longitude in decimal degrees (WGS84 std: -nnn.nnnnnn) -085.879160	
29. Lat/Long Source <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Estimated		30.A. Railroad Use *			
30.B. Railroad Use *		31.A. State Use *			
30.C. Railroad Use *		31.B. State Use *			
30.D. Railroad Use *		31.C. State Use *			
30.E. Railroad Use *		31.D. State Use *			
32.A. Narrative (Railroad Use) *			32.B. Narrative (State Use) *		
33. Emergency Notification Telephone No. (posted) 800-444-2580		34. Railroad Contact (Telephone No.) 270-444-4300		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) 5		1.B. Total Night Thru Trains (6 PM to 6 AM) 5		1.C. Total Switching Trains 0
1.D. Total Transit Trains 0		1.E. Check if Less Than One Movement Per Day How many trains per week? 0 <input type="checkbox"/>		
2. Year of Train Count Data (YYYY) 2015		3. Speed of Train at Crossing 3.A. Maximum Timetable Speed (mph) 35 3.B. Typical Speed Range Over Crossing (mph) From 30 to 35		
4. Type and Count of Tracks Main 1    Siding 0    Yard 0    Transit 0    Industry 0				
5. Train Detection (Main Track only) <input checked="" type="checkbox"/> Constant Warning Time <input 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 checked="" type="checkbox"/> No

# U. S. DOT CROSSING INVENTORY FORM

<b>A. Revision Date (MM/DD/YYYY)</b> 10/04/2021	<b>PAGE 2</b>	<b>D. Crossing Inventory Number (7 char.)</b> 296838B
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## Part III: Highway or Pathway Traffic Control Device Information

<b>1. Are there Signs or Signals?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>2. Types of Passive Traffic Control Devices associated with the Crossing</b>				
	<b>2.A. Crossbuck Assemblies (count)</b> 2	<b>2.B. STOP Signs (R1-1) (count)</b> 0	<b>2.C. YIELD Signs (R1-2) (count)</b> 0	<b>2.D. Advance Warning Signs (Check all that apply; include count)</b> <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	
<b>2.E. Low Ground Clearance Sign (W10-5)</b> <input type="checkbox"/> Yes (count _____) <input checked="" type="checkbox"/> No	<b>2.F. Pavement Markings</b> <input type="checkbox"/> Stop Lines <input type="checkbox"/> Dynamic Envelope <input type="checkbox"/> RR Xing Symbols <input checked="" type="checkbox"/> None		<b>2.G. Channelization Devices/Medians</b> <input type="checkbox"/> All Approaches <input type="checkbox"/> Median <input type="checkbox"/> One Approach <input checked="" type="checkbox"/> None		<b>2.H. EXEMPT Sign (R15-3)</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>2.J. Other MUTCD Signs</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify Type _____ Count _____ Specify Type _____ Count _____ Specify Type _____ Count _____			<b>2.K. Private Crossing Signs (if private)</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>2.L. LED Enhanced Signs (List types)</b> no	
<b>3. Types of Train Activated Warning Devices at the Grade Crossing (specify count of each device for all that apply)</b>					
<b>3.A. Gate Arms (count)</b> Roadway 0 Pedestrian 0	<b>3.B. Gate Configuration</b> <input type="checkbox"/> 2 Quad <input type="checkbox"/> Full (Barrier) Resistance <input type="checkbox"/> 3 Quad <input type="checkbox"/> Median Gates <input type="checkbox"/> 4 Quad	<b>3.C. Cantilevered (or Bridged) Flashing Light Structures (count)</b> Over Traffic Lane 0 <input type="checkbox"/> Incandescent Not Over Traffic Lane 0 <input type="checkbox"/> LED		<b>3.D. Mast Mounted Flashing Lights (count of masts) 2</b> <input type="checkbox"/> Incandescent <input checked="" type="checkbox"/> LED <input type="checkbox"/> Back Lights Included <input type="checkbox"/> Side Lights Included	
<b>3.F. Installation Date of Current Active Warning Devices: (MM/YYYY)</b> ____/____/____ <input checked="" type="checkbox"/> Not Required		<b>3.G. Wayside Horn</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed on (MM/YYYY) ____/____/____		<b>3.H. Highway Traffic Signals Controlling Crossing</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>3.I. Bells (count)</b> 1
<b>3.J. Non-Train Active Warning</b> <input type="checkbox"/> Flagging/Flagman <input type="checkbox"/> Manually Operated Signals <input type="checkbox"/> Watchman <input type="checkbox"/> Floodlighting <input checked="" type="checkbox"/> None				<b>3.K. Other Flashing Lights or Warning Devices</b> Count 0 Specify type _____	
<b>4.A. Does nearby Hwy Intersection have Traffic Signals?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>4.B. Hwy Traffic Signal Interconnection</b> <input checked="" type="checkbox"/> Not Interconnected <input type="checkbox"/> For Traffic Signals <input type="checkbox"/> For Warning Signs	<b>4.C. Hwy Traffic Signal Preemption</b> <input type="checkbox"/> Simultaneous <input type="checkbox"/> Advance		<b>5. Highway Traffic Pre-Signals</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Storage Distance * _____ Stop Line Distance * _____	
<b>6. Highway Monitoring Devices (Check all that apply)</b> <input type="checkbox"/> Yes - Photo/Video Recording <input type="checkbox"/> Yes - Vehicle Presence Detection <input checked="" type="checkbox"/> None					

## Part IV: Physical Characteristics

<b>1. Traffic Lanes Crossing Railroad</b> Number of Lanes 2 <input type="checkbox"/> One-way Traffic <input checked="" type="checkbox"/> Two-way Traffic <input type="checkbox"/> Divided Traffic	<b>2. Is Roadway/Pathway Paved?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>3. Does Track Run Down a Street?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>4. Is Crossing Illuminated? (Street lights within approx. 50 feet from nearest rail)</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>5. Crossing Surface (on Main Track, multiple types allowed)</b> <input type="checkbox"/> 1 Timber <input 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 checked="" type="checkbox"/> 9 Composite <input type="checkbox"/> 10 Other (specify) _____		
<b>6. Intersecting Roadway within 500 feet?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Approximate Distance (feet) _____		<b>7. Smallest Crossing Angle</b> <input type="checkbox"/> 0° - 29° <input checked="" type="checkbox"/> 30° - 59° <input type="checkbox"/> 60° - 90°
<b>8. Is Commercial Power Available? *</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

## Part V: Public Highway Information

<b>1. Highway System</b> <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	<b>2. Functional Classification of Road at Crossing</b> <input type="checkbox"/> (0) Rural <input checked="" 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	<b>3. Is Crossing on State Highway System?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>4. Highway Speed Limit</b> 35 MPH <input checked="" type="checkbox"/> Posted <input type="checkbox"/> Statutory
<b>7. Annual Average Daily Traffic (AADT) Year 2017 AADT 2274</b>		<b>8. Estimated Percent Trucks</b> 0 %	
<b>9. Regularly Used by School Buses?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Average Number per Day _____		<b>10. Emergency Services Route</b> <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 HIGHWAY-RAIL CROSSINGS RANKED BY PREDICTED  
ACCIDENTS PER YEAR AS OF 12/31/2021\***

\*Num of Collisions: Most recent year is partial year (data is not for the complete calendar year) unless Accidents per Year is 'AS  
OF DECEMBER 31'.

RANK	PRED COLLS.	CROSSING	RR	STATE	COUNTY	CITY	ROAD	NUM OF COLLISIONS					DATE CHG	W D	TOT TRN	TOT TRK	TTBL SPD	HWY PVD	HWY LNS	AADT
								21*	20	19	18	17								
1	0.023334	296838B	PAL	KY	JEFFERSON	VALLEY STAT	E ORELL RD	0	0	0	0	0	FL	10	1	35	YES	2	2,274	

**TTL:** 0.023334

0 0 0 0 0

Louisville, Kentucky

Google Street View

May 2019 See more dates

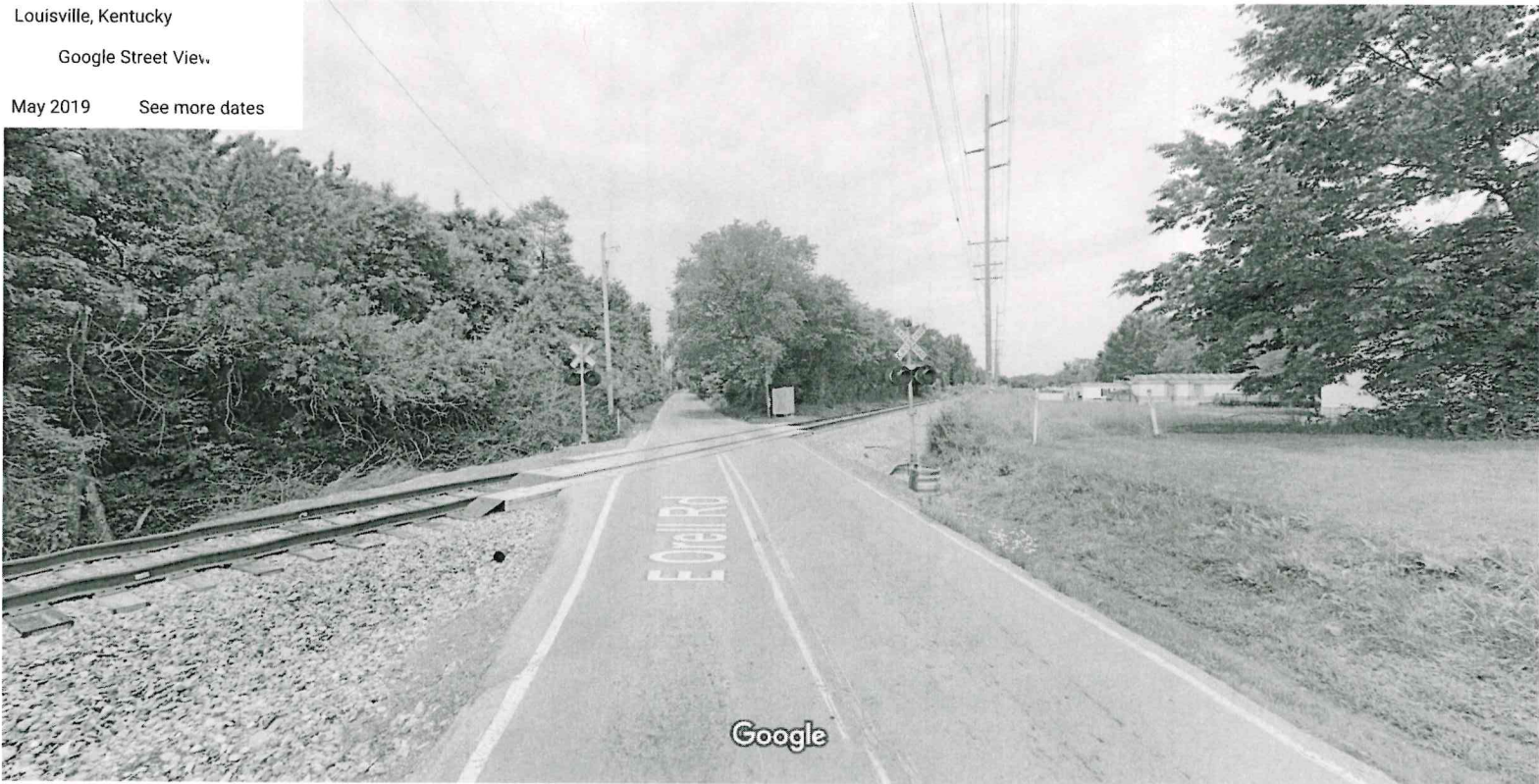


Image capture: May 2019 © 2023 Google



967899W

PAL: 14

296838B

296839H



**Commonwealth of Kentucky**  
**Michael G. Adams, Secretary of State**

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Michael G. Adams  
Secretary of State  
P. O. Box 718  
Frankfort, KY 40602-0718  
(502) 564-3490  
<http://www.sos.ky.gov>

**Certificate of Existence**

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Authentication number: 292545

Visit <https://web.sos.ky.gov/ftsshow/certvalidate.aspx> to authenticate this certificate.

I, Michael G. Adams, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

**PADUCAH & LOUISVILLE RAILWAY, INC.**

is a corporation duly incorporated and existing under KRS Chapter 14A and KRS Chapter 271B, whose date of incorporation is March 17, 1986 and whose period of duration is perpetual.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that Articles of Dissolution have not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 12<sup>th</sup> day of June, 2023, in the 232<sup>nd</sup> year of the Commonwealth.



*Michael G. Adams*

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Michael G. Adams  
Secretary of State  
Commonwealth of Kentucky  
292545/0212961



# Kentucky Secretary of State Michael G. Adams

- Business Entity Search
- File Annual Report
- Form an LLC
- Business Registration Portal
- Name Availability Search
- Business Forms Library
- Prepaid Account Status
- Current Officer Search
- Founding Officer Search
- Registered Agent Search
- Validate Certificate of Existence/Authorization

## PADUCAH & LOUISVILLE RAILWAY, INC.

<a href="#">File Annual Report</a>	<a href="#">File Certificate of Assumed Name (DBA)</a>
<a href="#">Change Address or Registered Agent</a>	<a href="#">File Dissolution</a>
<a href="#">File Registered Agent Resignation</a>	<a href="#">Upload a filing</a>
<a href="#">Printable Forms</a>	<a href="#">Subscribe to changes made to this entity</a>
<a href="#">Certificate of Good Standing</a>	

### General Information

**Organization Number** 0212961  
**Name** PADUCAH & LOUISVILLE RAILWAY, INC.  
**Profit or Non-Profit** P - Profit  
**Company Type** KCO - Kentucky Corporation  
**Status** A - Active  
**Standing** G - Good  
**State** KY  
**File Date** 3/17/1986  
**Organization Date** 3/17/1986  
**Last Annual Report** 2/23/2023  
**Principal Office** 200 CLARK STREET  
 PADUCAH, KY 42003  
**Registered Agent** PEYTON JAMES WILSON  
 200 CLARK ST.

PADUCAH, KY 42003  
**Authorized Shares** 1500

### Current Officers

**Chairman** Anthony V Reck  
**President** J Thomas Garrett  
**Director** Anthony V. Reck  
**Director** J. Thomas Garrett  
**Director** William D. Donan  
**Director** Thomas A Greene  
**Director** John P Patelli  
**Director** Adam Longson  
**Director** Jamie Boychuk  
**CFO** Thomas A Greene

### Show Individuals / Entities listed at time Of formation

**Director** DAVID W REED  
**Director** JIM R SMITH  
**Director** DAVID W REED  
**Incorporator** CG & T COMPANY INC  
**Incorporator** (BY DAVID W REED)  
**Incorporator** CG & T COMPANY INC  
**Incorporator** (BY DAVID W REED)

<a href="#">Show Images</a>
<a href="#">Show Assumed Names</a>





PUBLIC WORKS & ASSETS  
LOUISVILLE, KENTUCKY

CRAIG GREENBERG  
MAYOR

JENNIFER CAUMMISAR-KERN, PE  
DIRECTOR

June 12, 2023

Re: Consultation Letter for P&L Railway  
Crossing Improvements in Jefferson County, KY  
Orell Rd: DOT # 296-838B

To whom it may concern:

Louisville Metro Public Works & Assets has been contacted regarding crossing signal improvements for the Paducah and Louisville Railway (P&L). P&L is seeking funding for these improvements through the KYTC-KRCI grant program. Louisville Metro Public Works & Assets supports the proposed improvements and will coordinate with P&L to execute these improvements.

Sincerely,

Al Andrews, P.E.  
Engineering Manager  
Division of Permits & Licenses  
Louisville Metro Public Works & Assets  
502-574-3958