



KENTUCKY RAILROAD CROSSING IMPROVEMENT (KRCI) APPLICATION

SECTION 1: PROJECT OVERVIEW

APPLICANT NAME		DOT CROSSING #	APPLICATION YEAR
Paducah and Louisville Railway		296965C	2023
ROAD NAME	ROAD MILE POINT	CROSSING LOCATION	
		CITY	COUNTY
Yeaman Rd. - KY 736	87.69	Caneyville	Grayson

PROJECT TYPE

- Crossing Rehab
 Full Crossing Renewal (ADT < 400)

 Crossing Safety
 Upgrade Signals/Lights

 Obstructive Vegetation Removal

TOTAL PROJECT COST	KRCI FUNDING REQUESTED	APPLICANT MATCH	APPLICANT MATCH % (20% Minimum)
\$ 399,923.39	\$ 319,938.71	\$ 79,984.68	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 the crossing surface and signal warning devices and thereby, improve public safety at the railroad crossing.

Scope Of Work:

- * Coordinate work with KY DOT
- * Saw Cut existing asphalt
- * Construct new track panel
- * Remove Existing crossing surface
- * Install new track panel
- * Install new ballast
- * Install new Omni crossing surface
- * Pave Highway approaches
- * Install new highway markings as necessary
- * Install crossing controls and warning equipment
- * Install 2 S-60 gate combos
- * Install LED Lighting
- * install 6x6 house
- * Install 3000 plus GCP 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 <input type="checkbox"/> Y <input type="checkbox"/> N 603 KAR 7:090 Compliant <input type="checkbox"/> Y <input type="checkbox"/> N Eligible Applicant <input type="checkbox"/> Y <input type="checkbox"/> N	Match %: _____ Road ADT: _____	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
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	55	354	Kentucky	
TYPICAL TRAIN SPEED AT CROSSING	# OF TRACKS AT CROSSING	RAIL MILE POINT	BRANCH/LINE NAME	
30	1	87.69	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
	33 feet	asphalt		115
SURFACE CONDITION	VISIBLE TIE CONDITION	APPROACH CONDITION	DRAINAGE CONDITION	
Poor	Poor	Fair	Poor	

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	
No	0 inches	Taper 1	Taper 2
		25 feet	25 feet

REPLACEMENT CROSSING SURFACE: Full-depth Concrete

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 type="checkbox"/>

1. Describe in detail signs and markings currently used at crossing. *(Text is limited.)*

2. Describe in detail signs and markings proposed at crossing as part of the project. *(Text is limited.)*

	INSTALL	UPGRADE EXISTING
B. Project Signal Work: Active Traffic Control Devices	<input type="checkbox"/>	<input checked="" type="checkbox"/>

1. Describe in detail active traffic control devices currently used at crossing.
 AFO Crossing System

2. Describe in detail active traffic control devices proposed 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. It is the responsibility of the applicant to ensure delivery of the emailed submission.

P&L

Grayson

FORCE ACCOUNT ESTIMATE

EFFECTIVE DATE: 6-8-2023	296 965C
STATE PROJECT #:	MILE POST: J87.69
OP #:	CONTRACTOR: INTERRAIL
Location Springlick 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	\$98,880.95
1	MATERIAL	SUB TOTAL MATERIAL	\$172,275.59
1	TAX	SALES TAX	\$10,767.22
1	FREIGHT	5% OF MATERIAL	\$8,613.78
GRAND TOTAL MATERIAL			\$191,656.59

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
TOTAL MANPOWER			\$64,275.00

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
TOTAL EQUIPMENT			\$6,000.00
UP-TO-DATE PLANS			\$1,500.00
CONTRACT ENGINEERING			\$8,500.00
EVWR- CROSSING TOTAL ESTIMATED Signal COST			\$271,931.59

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

Grayson

LIST OF MATERIALS-SHOP

EFF. DATE:6-8-2023	DOT# 296 965C
STATE PROJECT #:	MILE POST:J87.69
OP #:	CONTRACTOR: INTERRAIL
LOCATION NAME:Springlick 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	SSCIII 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 Comunicator	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		SHOP MATERIAL TOTAL:			\$71,344.64

P&L

Grayson

LIST OF MATERIALS-CONSUMABLES

EFF. DATE:6-8-2023	DOT# 296 965C
STATE PROJECT #:	MILE POST:J87.69
OP #:	CONTRACTOR: INTERRAIL
LOCATION NAME:Springlick 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:					\$2,050.00

P&L

Grayson

LIST OF MATERIALS-FIELD

EFF. DATE:6-8-2023	DOT# 296 965C
STATE PROJECT #:	MILE POST:J87.69
OP #:	CONTRACTOR: INTERRAIL
LOCATION NAME:Springlick 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
2		2 way Sidelight for gate mast	EA	5000.00	\$10,000.00
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
FIELD MATERIAL TOTAL:					\$98,880.95

Spring Lick Road

Interrail Signal

Mike Hutson

Project Start Date: 1/1/2024

This date TBD by NTP

Scrolling Increment: 0

Legend:

On track

Low risk

Med risk

High risk

Unassigned

January

February

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S

Project Phases

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



PROPOSAL

6/8/2023

OWNER INFORMATION		CONTRACTOR INFORMATION	
Company	Paducah and Louisville Railway	Company	Track Tech, Inc.
Contact Name	Floyd Bishop	Contact Name	Clint Johnson
Address	200 Clark Street	Address	5109 Industrial Parkway
City, State, ZIP	Paducah, KY 42001	City, State, ZIP	Calvert City, KY 42029
Phone		Phone	270.395.0770
Cell Phone	812.270.0551	Cell Phone	270.205.1699
Email	fbishop@palrr.com	Email	clint@tracktech.us

Project Name	296965C - KY 756 / Yeaman Rd - P&L Kentucky State Crossings 2024
---------------------	--

Scope of Work

KY 756 / Yeaman Rd (87.89)

Build 80' track panel utilizing 160 LF of NEW head-hardened 115RE rail/OTM and 43 Ea. 10' ties.

Provide traffic control and detour routing as necessary. Close and barricade road. Sawcut and remove existing asphalt and crossing materials. Remove existing track panel. Excavate fouled ballast to hardpan. Install track panel. Furnish and install 4 Ea. sets of 115RE bars. Furnish and install number 4 ballast and DGA. Surface track panel with HARSCO Mark IV HD production tamper. Regulate ballast and broom finish track.

Furnish and install 32.5' track feet of OMNI full depth concrete crossing surface. Furnish and install 4 Ea. weld kits. Furnish and install asphalt base and surface course.

Cost Analysis

Classification	Cost
Track Tech Labor	\$18,220.00
Track Tech Equipment	\$21,700.00
P&L Railway Labor	\$5,216.00
P&L Railway Equipment	\$1,570.00
Asphalt Labor and Equipment	\$12,000.00
Detour Routing, Permitting, and Striping	\$5,000.00
Mobilization, Hotels, and Per Diem	\$6,835.00



PROPOSAL

6/8/2023

Materials	Units	Quantity	Unit Cost	Total Cost
Full-Depth OMNI Concrete Crossing Panels for 115RE	Track Feet	32.5	\$544.50	\$17,696.25
115RE Rail	80' Sticks	2	\$5,203.00	\$10,406.00
10' Ties	Ea.	43	\$151.25	\$6,503.75
Various Sized Plates	Ea.	86	\$25.41	\$2,185.26
Angle Bars	Pair	4	\$223.85	\$895.40
Spikes	Kegs	5	\$163.35	\$816.75
Anchors	Ea.	272	\$4.84	\$1,316.48
Bolts	Ea.	16	\$7.26	\$116.16
Ballast	Tons	75	\$42.35	\$3,176.25
DGA	Tons	50	\$30.25	\$1,512.50
Geotextile Fabric	Ea.	1	\$363.00	\$363.00
End Plates	Set	2	\$1,331.00	\$2,662.00
Field Welds	Ea.	4	\$242.00	\$968.00
6" CMP	LF	80	\$24.20	\$1,936.00
Asphalt	Tons Delivered	38	\$181.50	\$6,897.00
Grand Total				\$127,991.80

Exclusions

Proposal is turnkey and has been figured according to P&L (CSX) and KTC specs.
Asphalt quantities have been determined based on a maximum 25' asphalt apron at each approach.

Company Proposal

We, Track Tech, Inc., hereby propose to complete the scope of work above for a lump sum price of \$127,991.80.

TRACKTECH

Full Rail Service

Crossing Schedule			Week 1							Week 2						
			0	1	2	3	4	5	6	7	8	9	10	11	12	13
TASK	START	END	S	M	T	W	T	F	S	S	M	T	W	T	F	S
Final Material Delivery	1	1														
Distribute Materials and Mobilization	2	2														
Build Track Panel	3	3														
Install Track Panel	8	8														
Install Concrete and Base Asphalt	9	9														
Install Surface Asphalt	10	10														
Demobilization	10	10														
Road Closure	8	10														

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, Part I, 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) 09 / 28 / 2021	B. Reporting Agency <input type="checkbox"/> Railroad <input type="checkbox"/> Transit <input checked="" 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"/> Admin. Correction <input type="checkbox"/> Quiet Zone Update	D. DOT Crossing Inventory Number 296965C
---	--	--	--

Part I: Location and Classification Information

1. Primary Operating Railroad Paducah & Louisville Railway Company [PAL]		2. State KENTUCKY		3. County GRAYSON	
4. City / Municipality <input type="checkbox"/> In <input checked="" type="checkbox"/> Near CANEYVILLE		5. Street/Road Name & Block Number YEAMAN RD <small>(Street/Road Name) *(Block Number)</small>		6. Highway Type & No. KY-736	
7. Do Other Railroads Operate a Separate Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <small>If Yes, Specify RR</small>			8. Do Other Railroads Operate Over Your Track at Crossing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <small>If Yes, Specify RR</small>		
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 0087.69 <small>(prefix) (nnnn.nnn) (suffix)</small>		16. Crossing Owner (if applicable) <input type="checkbox"/> N/A PAL			
13. Line Segment * J-169		14. Nearest RR Timetable Station * CANEYVILLE		15. Parent RR (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 checked="" 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 <small>If Yes, Provide Crossing Number</small>			25. Quiet Zone (FRA provided) <input checked="" type="checkbox"/> No <input type="checkbox"/> 24 Hr <input type="checkbox"/> Partial <input type="checkbox"/> Chicago Excused <small>Date Established</small>		
26. HSR Corridor ID <input checked="" type="checkbox"/> N/A		27. Latitude in decimal degrees (WGS84 std: nn.nnnnnnn) 37.4437500		28. Longitude in decimal degrees (WGS84 std: -nnn.nnnnnnn) -086.551648	
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) * SPRING LICK- 9/9/91 T.ROBERTS, J.SMITH, D			32.B. Narrative (State Use) * SPRING LICK- 9/9/91 T.ROBERTS, J.SMITH, D.CI		
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 <input type="checkbox"/> How many trains per week? 0		
2. Year of Train Count Data (YYYY) 2015		3. Speed of Train at Crossing 3.A. Maximum Timetable Speed (mph) 30 3.B. Typical Speed Range Over Crossing (mph) From 25 to 30		
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

A. Revision Date (MM/DD/YYYY) 09/28/2021	PAGE 2	D. Crossing Inventory Number (7 char.) 296965C
--	---------------	--

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 <u>2</u> <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.J. Other MUTCD Signs <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specify Type _____ Count _____ 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) 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) Roadway <u>0</u> Pedestrian <u>0</u>	3.B. Gate Configuration <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	3.C. Cantilevered (or Bridged) Flashing Light Structures (count) Over Traffic Lane <u>0</u> <input type="checkbox"/> Incandescent Not Over Traffic Lane <u>0</u> <input type="checkbox"/> LED		3.D. Mast Mounted Flashing Lights (count of masts) <u>2</u> <input checked="" type="checkbox"/> Incandescent <input checked="" type="checkbox"/> LED <input checked="" type="checkbox"/> Back Lights Included <input checked="" type="checkbox"/> Side Lights Included	
3.F. Installation Date of Current Active Warning Devices: (MM/YYYY) ____/____/____ <input checked="" type="checkbox"/> Not Required		3.G. Wayside Horn <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Installed on (MM/YYYY) ____/____/____		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"/> Flagger/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 <u>0</u> Specify type _____	
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		5. Highway Traffic Pre-Signals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Storage Distance * _____ Stop Line Distance * _____	
6. 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 Number of Lanes <u>2</u>	<input type="checkbox"/> One-way Traffic <input checked="" type="checkbox"/> Two-way Traffic <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 * <u>22</u> Length * <u>33</u> <input checked="" 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 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 type="checkbox"/> 30° - 59° <input checked="" 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 checked="" type="checkbox"/> (6) Minor Collector <input type="checkbox"/> (4) Minor Arterial <input type="checkbox"/> (7) Local		3. Is Crossing on State Highway System? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		4. Highway Speed Limit <u>55</u> MPH <input type="checkbox"/> Posted <input checked="" type="checkbox"/> Statutory	
7. Annual Average Daily Traffic (AADT) Year <u>2017</u> AADT <u>354</u>		8. Estimated Percent Trucks <u>0</u> %		9. Regularly Used by School Buses? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Average Number per Day <u>4</u>		10. Emergency Services Route <input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Linear Referencing System (LRS Route ID) * <u>043 KY-736</u>							
6. LRS Milepost * <u>3.6772</u>							

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	0.012557	296965C	PAL	KY	GRAYSON	CANEYVILLE	YEAMAN RD	0	0	0	0	0	FL	10	1	30	YES	2	354	

TTL: 0.012557

0 0 0 0 0

Caneyville, Kentucky

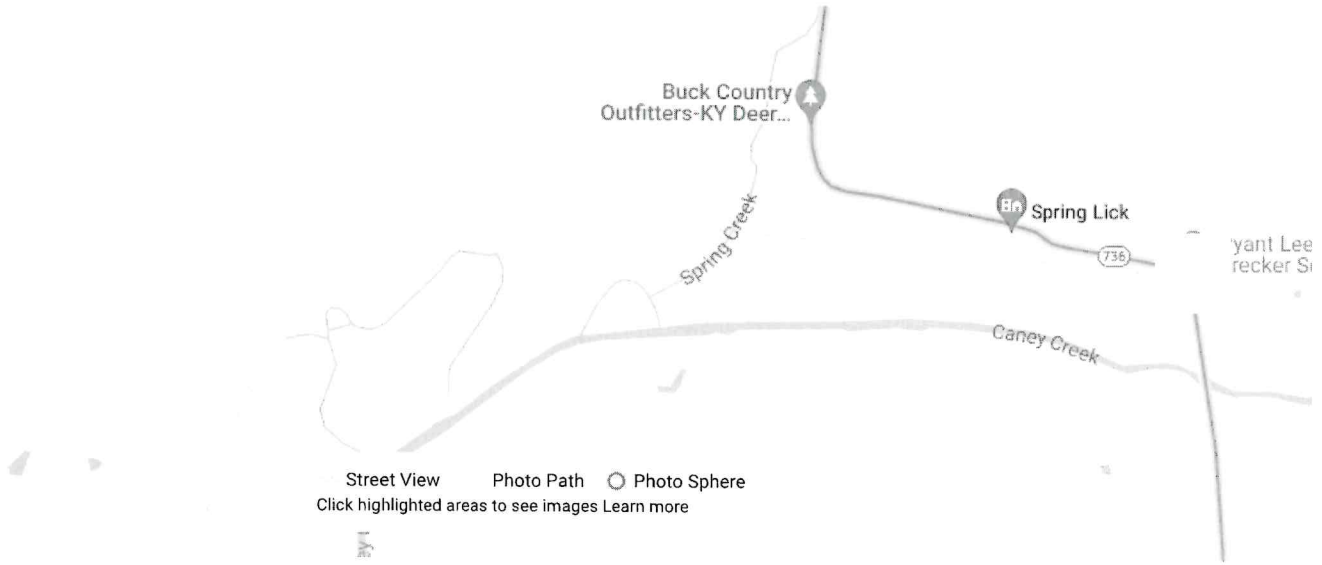
Google Street View

May 2023

See more dates



Image capture: May 2023 © 2023 Google



Spring Creek

736

JOHN HILL RD

FARRIS LN

736

YEAMAN RD

PAL: 88

296965C
PEACH ORCHARD RD

Caney Creek

296963N

PAL: 87

736

YEAMAN RD

62

KELLEY RD

62
M RD

Y CEMETERY RD

Commonwealth of Kentucky
Michael G. Adams, Secretary of State

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

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 12th day of June, 2023, in the 232nd year of the Commonwealth.



Michael G. Adams

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.

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

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 C G & T COMPANY INC
Incorporator (BY DAVID W REED)
Incorporator C G & T COMPANY INC
Incorporator (BY DAVID W REED)

[Show Images](#)

[Show Assumed Names](#)

KEVIN HENDERSON
GRAYSON COUNTY JUDGE/EXECUTIVE

130 EAST MARKET STREET
LEITCHFIELD, KENTUCKY 42754
TELEPHONE (270) 259-3159

June 13, 2023

To whom it may concern:

Re: Consultation Letter for P&L Railway
Crossing Improvements In Grayson County, KY
Spring Lick KY 736 DOT#296 965C

Grayson County Fiscal Court has been contacted regarding signal improvements for the Paducah and Louisville Railway (P&L). P & L is seeking funding for these improvements through the KYTC-KRCI.

Grayson County Fiscal Court supports the proposed improvements and will coordinate with P & L to execute these improvements.

If you need additional information, please feel free to contact me.

Thank you.

Sincerely,



KEVIN HENDERSON
Grayson County Judge Executive

KH/md

KEVIN HENDERSON
GRAYSON COUNTY JUDGE/EXECUTIVE

130 EAST MARKET STREET
LEITCHFIELD, KENTUCKY 42754
TELEPHONE (270) 259-3159

June 13, 2023

To whom it may concern:

Re: Consultation Letter for P&L Railway
Crossing Improvements In Grayson County, KY

Grayson County Fiscal Court has been contacted by Track Tech, Inc., regarding crossing surface improvements for the Paducah and Louisville Railway. P&L is seeking funding through the KYTC-KRCI.

Grayson County Fiscal Court supports the proposed improvements and will coordinate with Track Tech and P&L to execute these improvements.

If you need information, please feel free to contact me.

Thank you.

Sincerely,



KEVIN HENDERSON
Grayson County Judge Executive

KH/md