



KENTUCKY RAILROAD CROSSING IMPROVEMENT (KRCI) APPLICATION

SECTION 1: PROJECT OVERVIEW

APPLICANT NAME		DOT CROSSING #	APPLICATION YEAR
KENTUCKY RAILWAY MUSEUM INC.		# 343003T	2024
ROAD NAME	ROAD MILE POINT	CROSSING LOCATION	
1 ST STREET	44.9	CITY	COUNTY
		NEW HAVEN	NELSON

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)
\$ 71,802.67	\$ 57,442.14	\$ 14,360.53	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? Select One

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.)

1st Street in downtown New Haven Kentucky serves as the only Street in town when Main Street/31E is closed or obstructed due to accident or high water. It is a north south street running between Highway 52/Center Street to north and Maxie Court to the south, which connects to 31E/Main Street. 1st Street connects residential areas of town as well as backside access of commercial/businesses along 31E/Main Street. The 1st Street crossing is also the main crossing for the Railway Museum and the Museum's car and engine shop. 1st Street is subject to heavy truck traffic servicing business along its length. The heavy truck traffic is degrading the asphalt and rubber track guards of the crossing and street creating holes and gaps in the street paving at the crossing and tearing up the rubber track guards.

FOR KYTC USE ONLY

Date Received: _____

FRA WBAPS Score: _____

Secretary Approval: Y N

Application Complete Y N

Match %: _____

KRCI Award Amount: _____

603 KAR 7:090 Compliant

Road ADT: _____

KRCI Award Date: _____

Eligible Applicant



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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
0028447	Select One A-ACTIVE	Select One G-GOOD

PRIMARY CONTACT INFORMATION

NAME & TITLE	PHONE	EMAIL		
GREG MATHEWS, EXECUTIVE DIRECTOR	502-549-5470	KYRAIL@BARDSTOWN.COM		
MAILING ADDRESS	CITY	STATE	ZIP	
PO BOX 240, 136 S. MAIN STREET	NEW HAVEN	KY	40051	

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? Select One

B. Have all required permits been obtained? Select One

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	25	400 +-	KRM MAIN AT STATION		
TYPICAL TRAIN SPEED AT CROSSING	# OF TRACKS AT CROSSING	RAIL MILE POINT	BRANCH/LINE NAME		
5 MPH	1	44.9	KRM MAIN AT STATION		
AVERAGE DAILY TRAIN MOVEMENTS AT CROSSING	FRA TRACK CLASS AT CROSSING	TOTALS FROM PREVIOUS 5 YEARS AT CROSSING			
4	CLASS 2 Select One	CRASHES	FATALITIES	INJURIES	
		0	0	0	



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

CURRENT CROSSING

DATE INSTALLED	WIDTH OF ROAD	SURFACE MATERIAL		WEIGHT OF RAIL
2011	24 feet	RUBBER RAIL GUARDS & ASPHALT RD		100LB
SURFACE CONDITION	VISIBLE TIE CONDITION	APPROACH CONDITION	DRAINAGE CONDITION	
POOR Select One	FAIR Select One	POOR Select One	FAIR 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 NO	inches 0 INCHES	Taper 1	Taper 2
		feet	feet

REPLACEMENT CROSSING SURFACE: ~~Select One~~ **ASPHALT & RUBBER RAIL GUARDS AND 115LB RAIL**

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 type="checkbox"/>

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

2. Describe in detail active traffic control devices proposed at crossing as part of the project.



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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 **TBD**
- 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) *** SEE NOTE**
- 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
William G. Mathews	Greg Mathews	15 JUNE 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
William G. Mathews	Greg Mathews	15 JUNE 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.

Kentucky Transportation Cabinet

FY 2024 Crossing Grant

Kentucky Railway Museum Inc.

STATEMENT OF WORK

There are four (4) crossings for which grants are being requested: 1st Street in New Haven, DOT #343003T; Holton Valley off Highway 52, DOT #242997J; Nelsonville Loop (south), off Highway 52, DOT #342992A; Nelsonville Loop (north), off Highway 52, DOT #342989S.

All four crossings are in need of repair/rebuild having been in service for over 13+ years each. All have on average 400 vehicles per day or less including delivery and construction trucks, farm equipment and cars. All are a combination of rock, timber and asphalt construction, 100lb rail, and rail guards.

All crossings will have current crossing materials (timbers, rock, rail guards, drainage pipes, old rail and damaged ties) removed and new fill, tamping, ties and heavier rail (115lb), drainage, and rail guards and asphalt installed.

Crossing repair/replacement work will be coordinated with local and State Highway authorities as indicated to minimize impact on local residents and traffic. All work and materials will be in compliance with local, State and FRA safety requirements.

Road Authority Consultation Letter

DOT Crossing 343003T

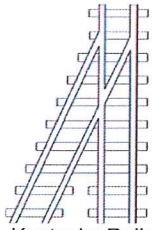
1st Street, New Haven, Kentucky

The New Haven City Council has been apprised of the construction plan for railroad crossing at 1st Street. They are in agreement with the plan and will send a letter to KRM after the City Council meeting at 7:00 PM on Thursday June 15th 2023.

When letter is received it will be emailed to

KYTC.ModalPrograms@ky.gov

Greg Mathews, Executive Director KRM



**ASSOCIATED
RAILROAD
CONTRACTORS, INC.**

Keeping You On The Right Track!

PO Box 19246
Louisville, KY 40259-0246
Main: 502.966.9781
Fax: 502.966.4063

www.associatedrailroad.com

June 12, 2023

Kentucky Railway Museum
ATTN: Mr. Greg Mathews
136 S Main St
New Haven, KY 40051

RE: KY Shortline Rail Crossing Projects
First Street Crossing 343003T

Proposal #: KRM 1st St 343003T - 230612

Mr. Greg Mathews,

Responding to your request we are pleased to submit for your review and consideration our proposal to perform the following scope of work.

1. Obtain encroachment permit and provide traffic control for project in accordance with MUTCD regulations and as per approved encroachment permit.
2. Procure and distribute the following crossing material previous to construction and installation:
 - A. New 115#RE rail field welded to eliminate joints within crossing.
 - B. New 7"x9"x8'6" AREMA Grade 4/5 crossties.
 - C. New 5.5" double shouldered tie plates.
 - D. New Unit 5 knock-on rail anchors.
 - E. New 5/8"x6" AREMA prime rail spikes.
 - F. New Performance Polymers Innovations Rubber Railseal with Manufacture's Recommended Clips
 - G. Clean local limestone ballast.
3. Panelize/construct 1 each 80' track panel.
4. Saw cut existing asphalt pavement 8'6" either side of the track centerline (total of 17' per state specification), remove and dispose of existing asphalt.
5. Dismantle and remove existing track structure and crossing surface within the limits of the proposed crossing and track crossing approach as required for panel installation.
6. Within the limits as indicated above, excavate the track 6" below desired bottom of tie and grade in accordance with state specifications and compact the final subgrade. Install 6" minimum drainpipe as per specifications.
7. Install 1 each pre-constructed 80' track panel (Item 3 above) bolted with compromising joint bars to existing track.
8. Install ballast and raise, line, crosslevel, machine tamp and dress track panels and track crossing approaches to provide proper surface.
9. Install 24 track feet of PPI Rubber Railseal crossing material with manufacture's recommended rail clips.
10. Furnish and install new hot mix asphalt pavement for a distance of 25' on each roadway approach as specified by the state and install pavement markings where required.
11. Mobilization and demobilization as required to stage and prosecute noted scope of work.

LUMP SUM THIS PROPOSAL: \$71,802.67

PRICING DETAIL:

1. Saw Cut Existing Asphalt Approaches	\$1,040.90
2. Excavation/Grading and Drainage	\$4,599.57
3. Distribution of Material, Track Construction, Installation and Surfacing	\$22,907.20
4. Traffic Control/Permits	\$2,200.00
5. Asphalt - L&E	\$9,075.00
6. Material	\$25,632.20
7. Striping	\$0.00
8. Mobe and Demobe	\$4,373.40
9. Flagging	\$1,974.40
10. Signal Maintainer	\$0.00

LUMP SUM THIS PROPOSAL: \$71,802.67

Mr. Greg Mathews
Kentucky Railway Museum
KY Shortline Rail Crossing Projects
KRM 1st St 343003T - 230612
6/12/2023

ITEM #6 (PREVIOUS) - MATERIAL BREAKDOWN:

Drain Pipe	80.00	LF	\$16.50	\$1,320.00
Asphalt (Delivered)	30.00	NT	\$192.50	\$5,775.00
Welds	2.00	Ea	\$181.50	\$363.00
136 Rail	0.00	Ton	\$1,870.00	\$0.00
115 Rail	2.99	Ton	\$2,090.00	\$6,249.10
Comp Bars	4.00	Each	\$550.00	\$2,200.00
Transition Rail 136/132/115	0.00	Each	\$1,210.00	\$0.00
Anchors	180.00	Each	\$3.03	\$544.50
Track Spikes	4.00	Keg	\$85.80	\$343.20
Tie Plates	96.00	Each	\$16.50	\$1,584.00
Crossties 7" x 9"	45.00	Each	\$93.50	\$4,207.50
Switch Tie - 10'	0.00	Each	\$115.83	\$0.00
PPI Rubber Railseal	24.00	TF	\$88.00	\$2,112.00
PPI Clips	28.00	Each	\$8.80	\$246.40
Ballast	25.00	Ton	\$27.50	\$687.50
Sales Tax	1.00	LS	\$0.00	\$0.00
				\$25,632.20

Notes & Clarifications

- * Pricing assumes the use of Associated Railroad Contractors standard straight time wage rates with a one time mobilization/demobilization per each project crossing.
- * Underground utility relocation and/or encasement if required is not included.
- * Work other than as specified is not included.

Should you have any questions or need additional information please feel free to call. We will gladly assist you in any way that we can.

We appreciate your inquiry and look forward to working with you on this project.

Respectfully,



Micah N. McCray
Vice President
Associated Railroad Contractors, Inc.
Phone: (502) 966-9781
FAX: (502) 966-4063
Cell: (502) 649-1173
micah@associatedrailroad.com

1st Street, New Haven and KRM

Write a description for your map.

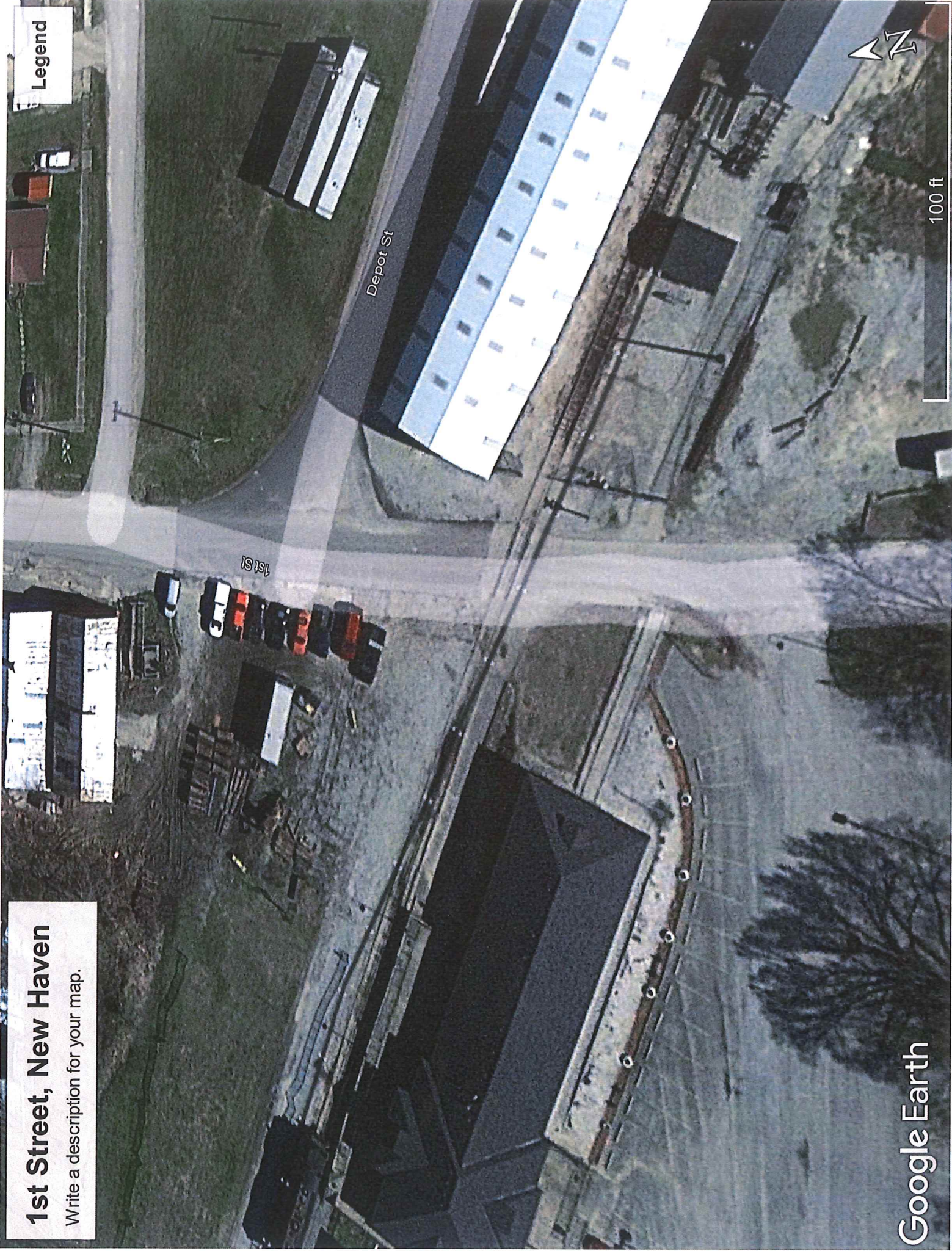
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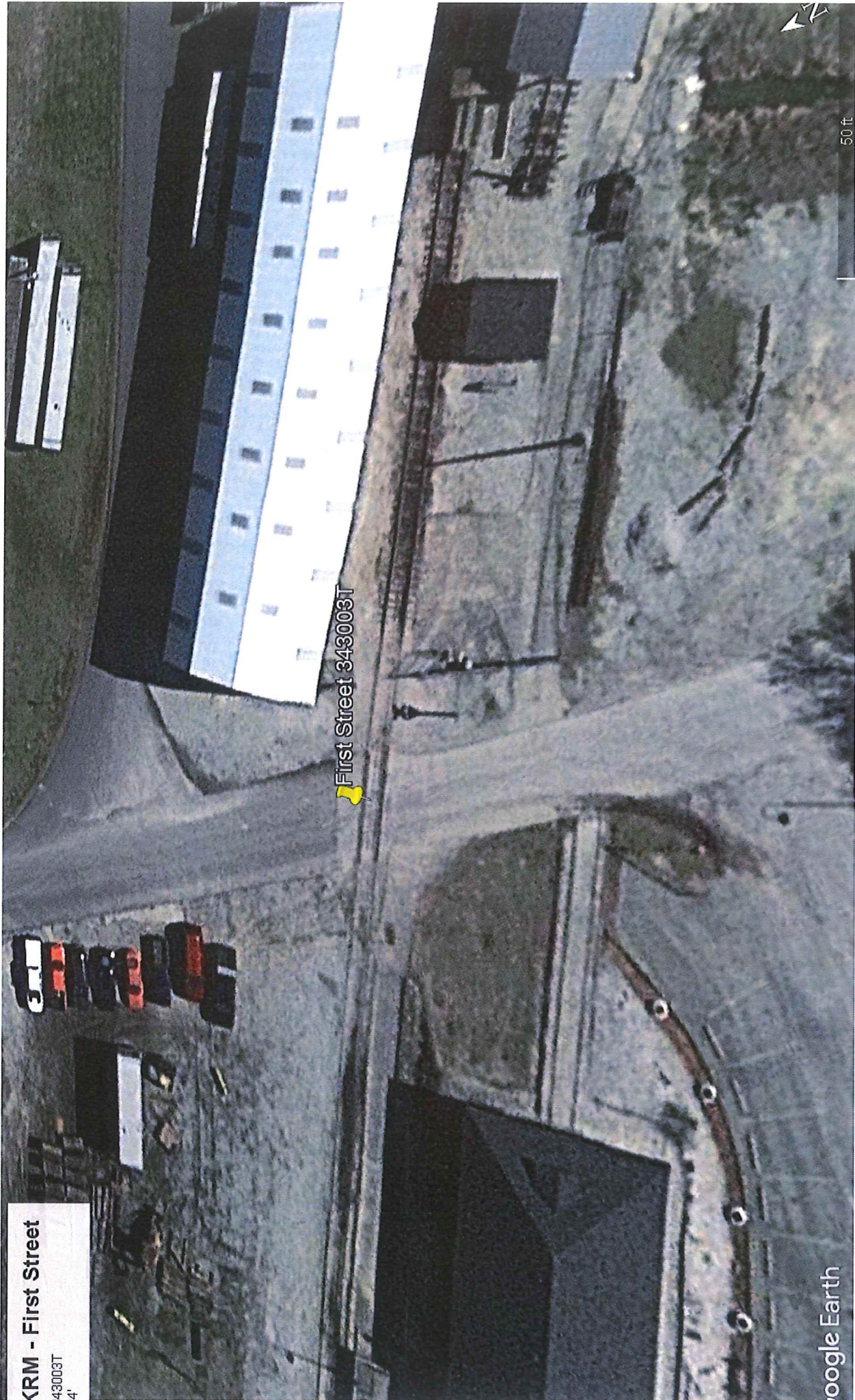
1st Street, New Haven

Write a description for your map.

Legend







CRM - First Street
43003T
4'

First Street 343003T

Google Earth

50 ft