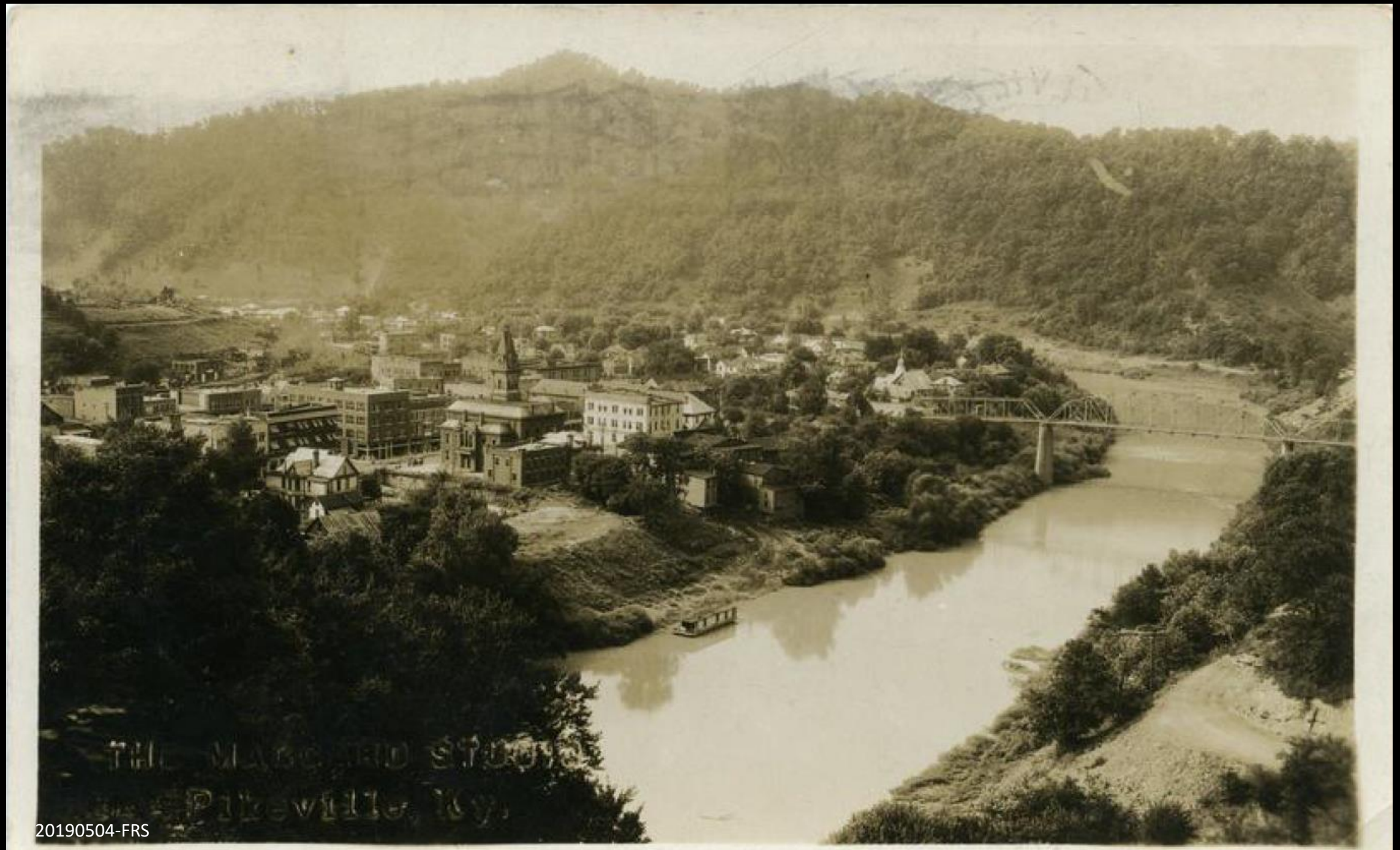
Pikeville, Kentucky Timesaver Layout

Fred Soward

20190504-FRS



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Pikeville, Kentucky Timesaver Layout

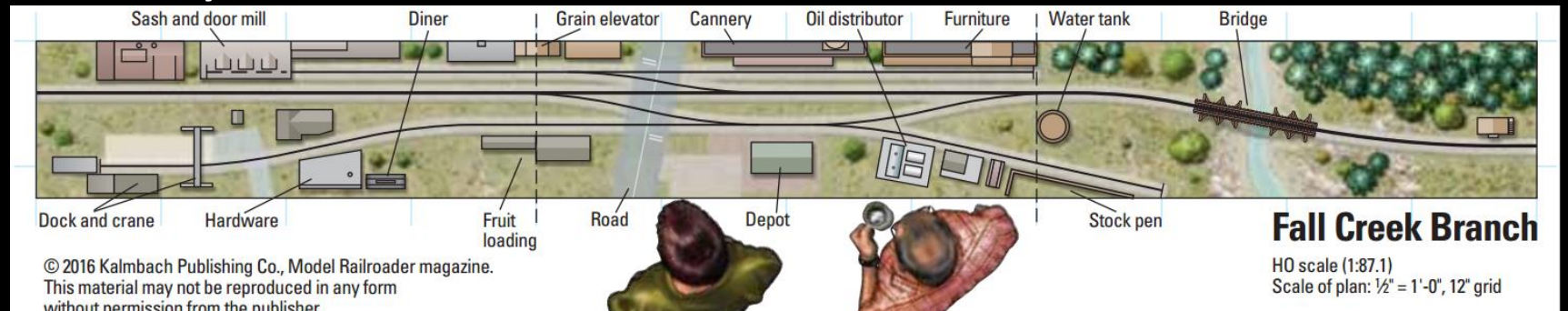
- Concept & Inspiration
- Research
- Design
- Construction
- Transport
- Operations
- Summary & What's Next
- Q&A

Concept & Inspiration

- HO Scale Timesaver for The Pan-American Convention Layout Room
- John Allen Timesaver Concept – stretched for 50’ boxcars
- Pikeville, KY around 1970-1980 (Chessie System)
- Rail-served industries represent period Pikeville (mostly)
- Lightweight & fully transportable in a 2010 Prius
- It’s a turn – not just a Timesaver switching problem

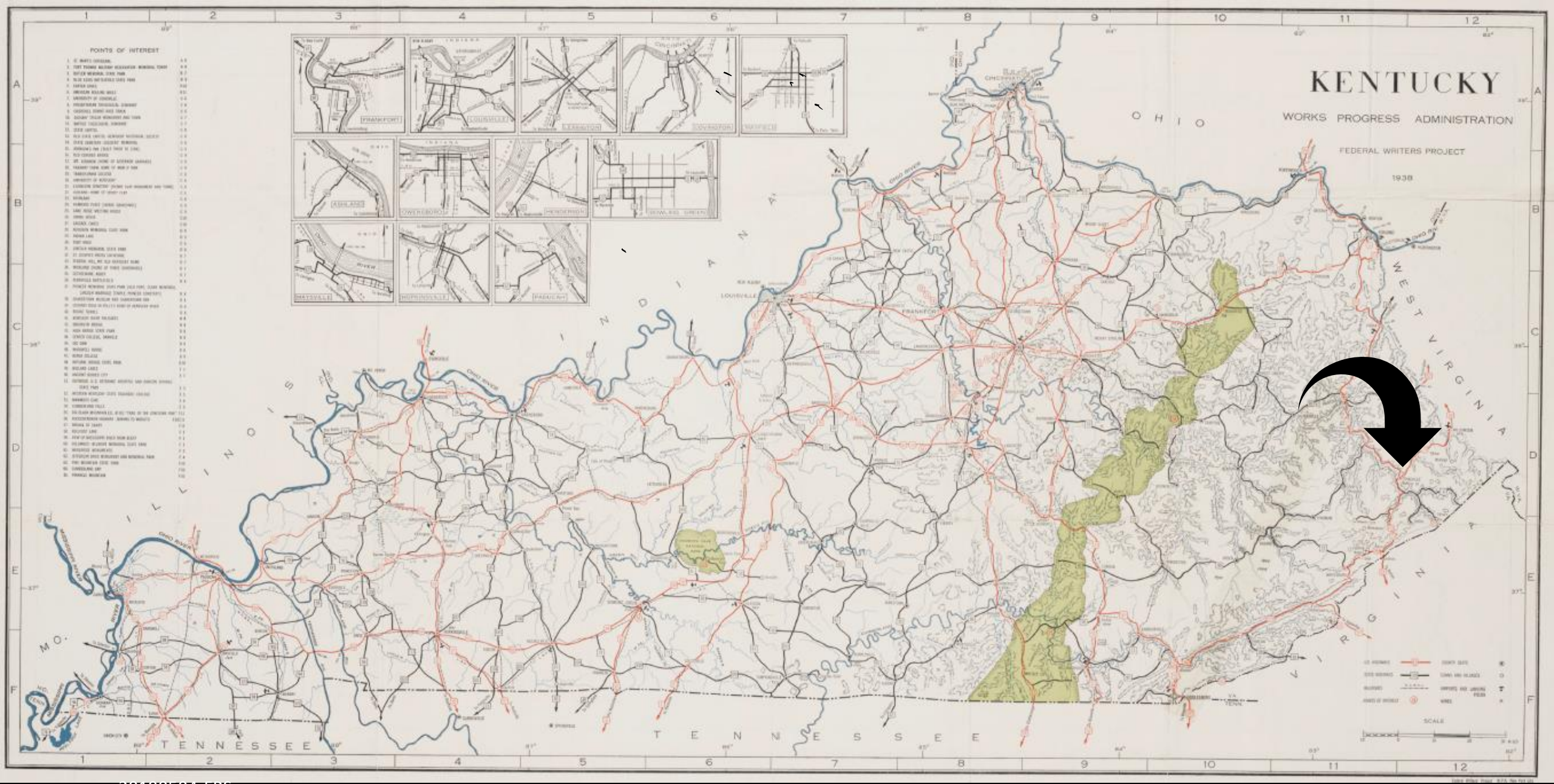
Concept & Inspiration

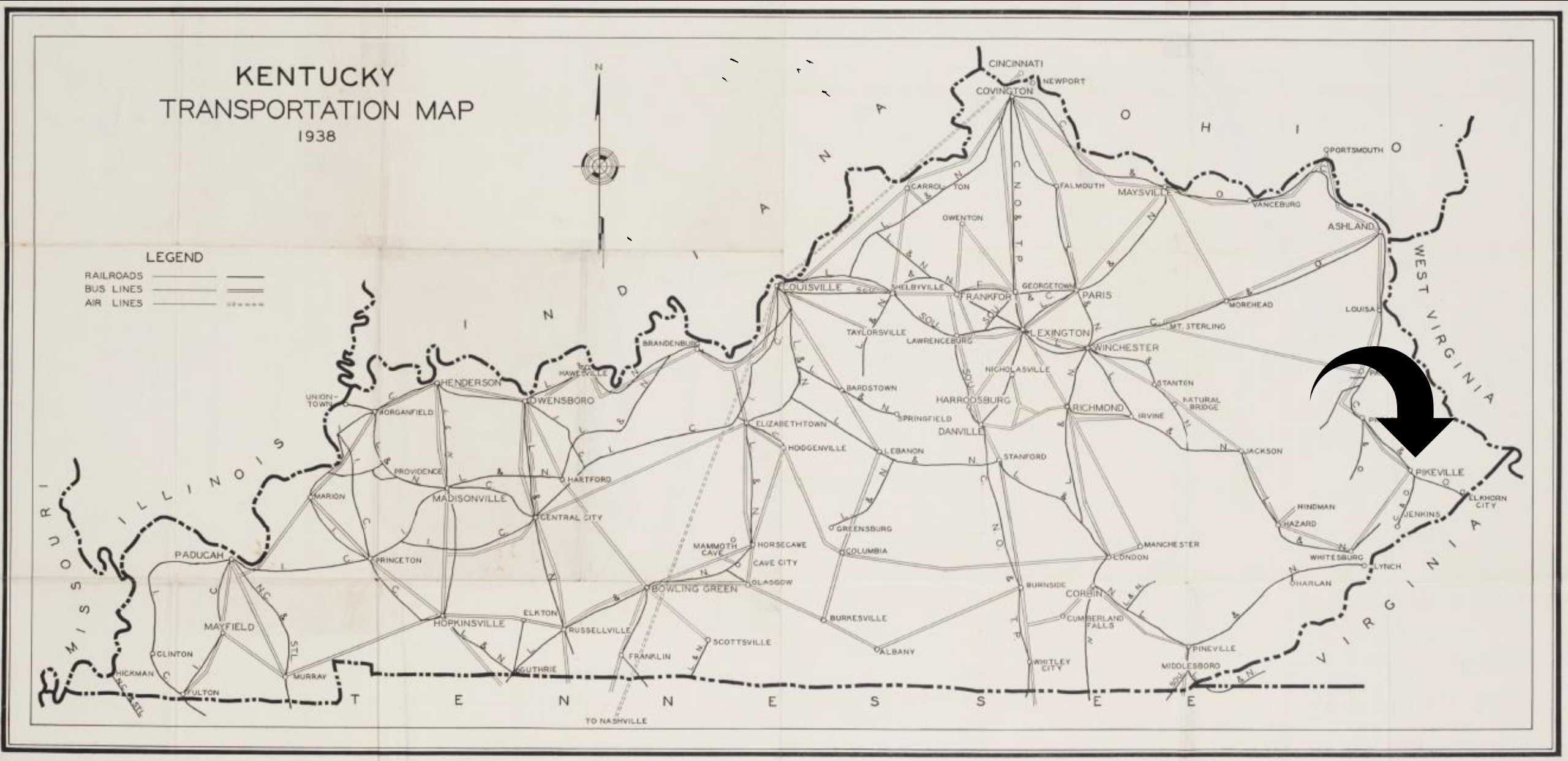
- “HO Scale Fall Creek Branch,” March 2016 Model Railroader
- “Fall Creek Branch Portable Switching Railroad,” May 2013 Short Line, NMRA, Pacific Coast Region, Sierra Division newsletter
- Numerous Model Train Hobbyist forum posts for the layout structure
- Foamboard Layout Construction A Model Railroad Technique Clinic Conducted by John Burchnall, http://www.cincy-div7.org/FoambrdClinic5.pdf



Research

- Pikeville, KY around 1970-1980
- Chessie System


KENTUCKY
WORKS PROGRESS ADMINISTRATION
FEDERAL WRITERS PROJECT
1938
POINTS OF INTEREST
OHIO
INDIANA
ILLINOIS
WEST VIRGINIA
VIRGINIA
TENNESSEE
MO.
OHIO RIVER
FRANKFORT
LOUISVILLE
ASHLAND
OWENSBORO
HENDERSON
BOWLING GREEN
MAYSVILLE
HOPKINSVILLE
PADUCAH
SCALE



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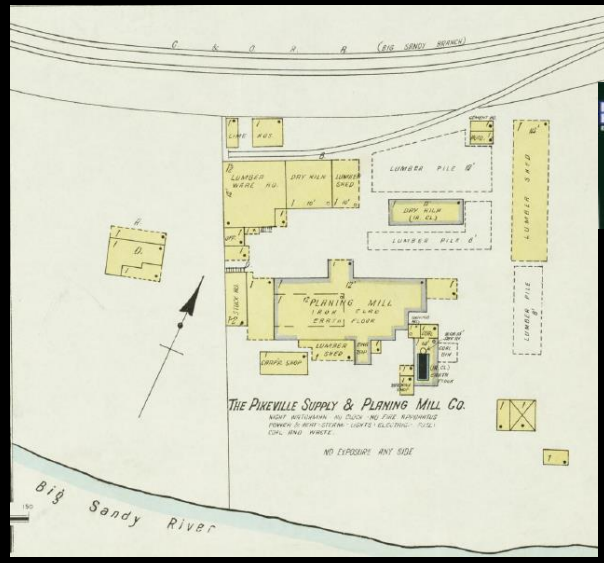
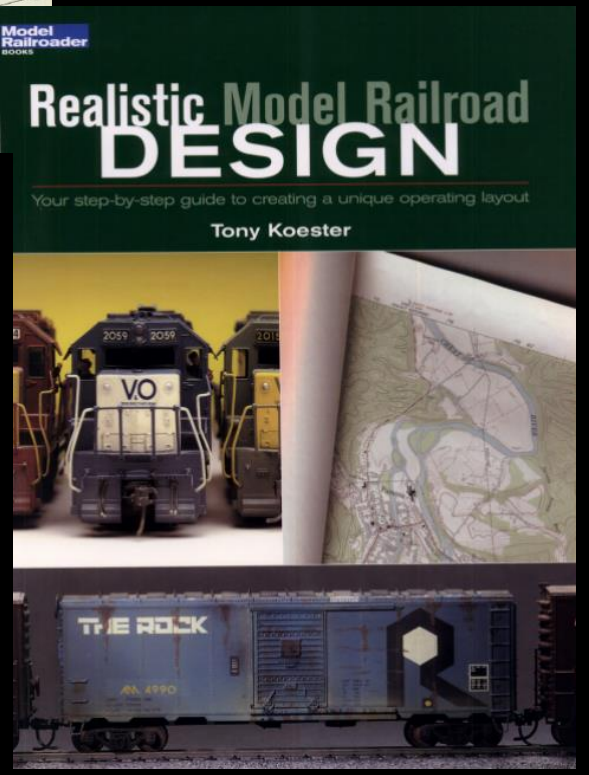
Research

- Sanborn Fire Maps
- Aerial Photos (1970-1980)
- Discussions with Pikeville Residents
- Realistic Model Railroad Design, Tony Koester, 2004
- Walking the ground/Site visits



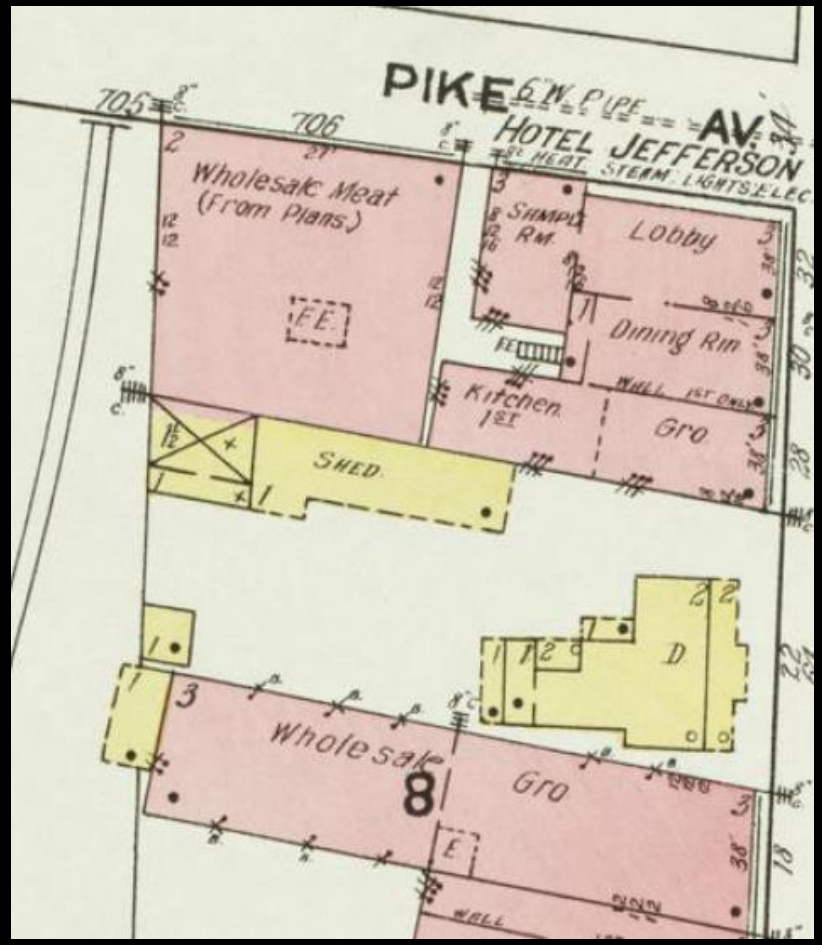


Research

- Downtown Pikeville trackplan similar to a timesaver

Research

- Downtown Pikeville trackplan similar to a timesaver
- Variety of rail-served industries
  - Passenger station & freight station
  - Coal Tipples (2)
  - Pikeville Supply & Planing Mill Company
  - Pikeville Bottling Company
  - Standard Oil Company
  - Wholesale Grocery Companies (2)
  - Wholesale Hardware & Furniture Company
  - Wholesale Meat Company



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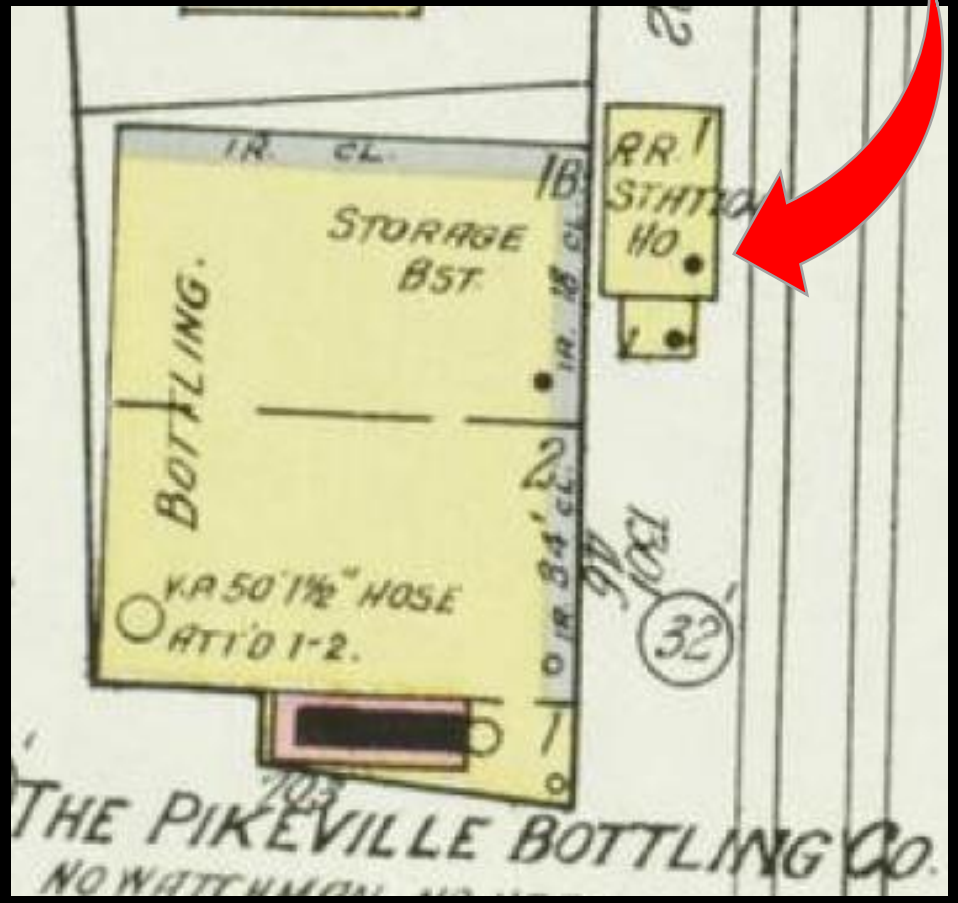

Design

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- Variances
  - Stockyard

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- Variances
  - Stockyard
  - Pike Sand Company

Construction

- Three 2’ x 4’ modules, connected end-to-end
- Atlas Code 83 flex track
- Peco Insulfrog #5 turnouts
- Midwest cork for roadbed
- 2” thick foam for table top – to be carved/landscaped later
- 1” thick foam for layout frame
- Liquid Nails Project (Lowe’s version)
- No legs – Designed to rest on two 6’ or 8’ folding tables

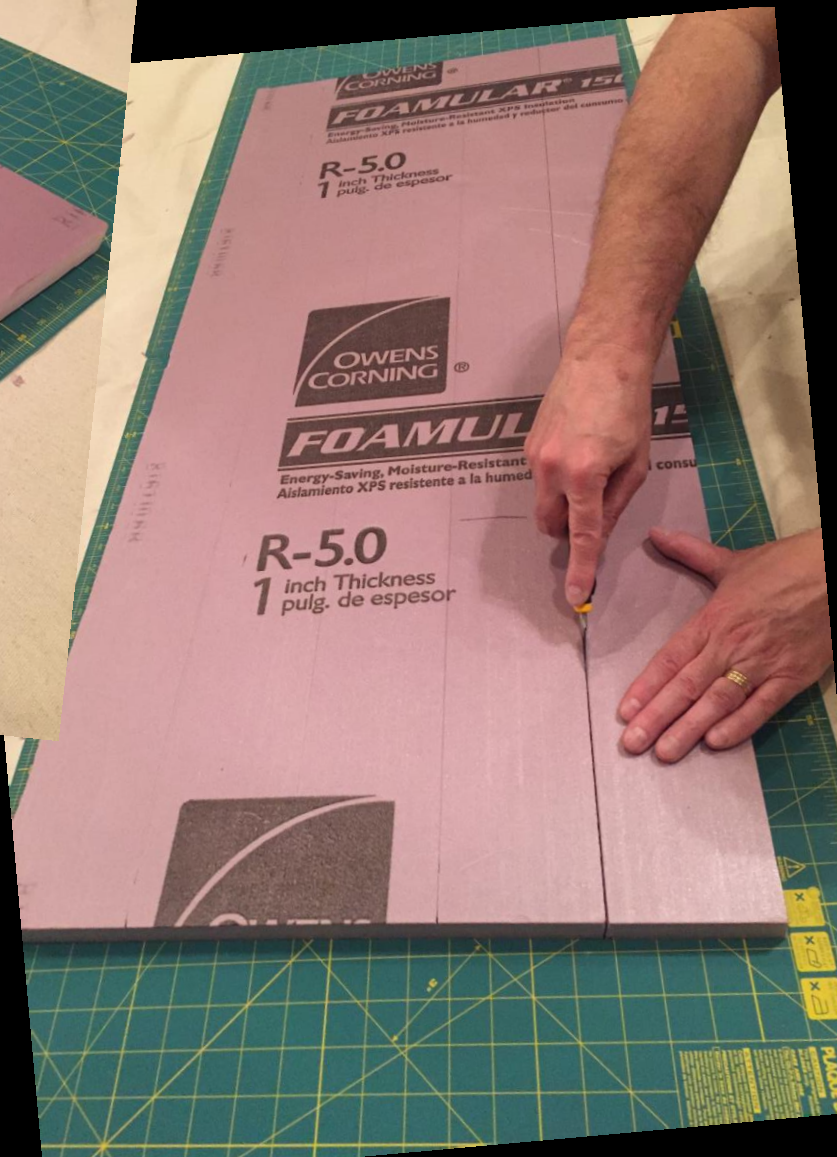
Construction

- Clamps, clamps, clamps, and more clamps!
- T-pins
- Patience

Construction

- Seven days

Construction



Construction

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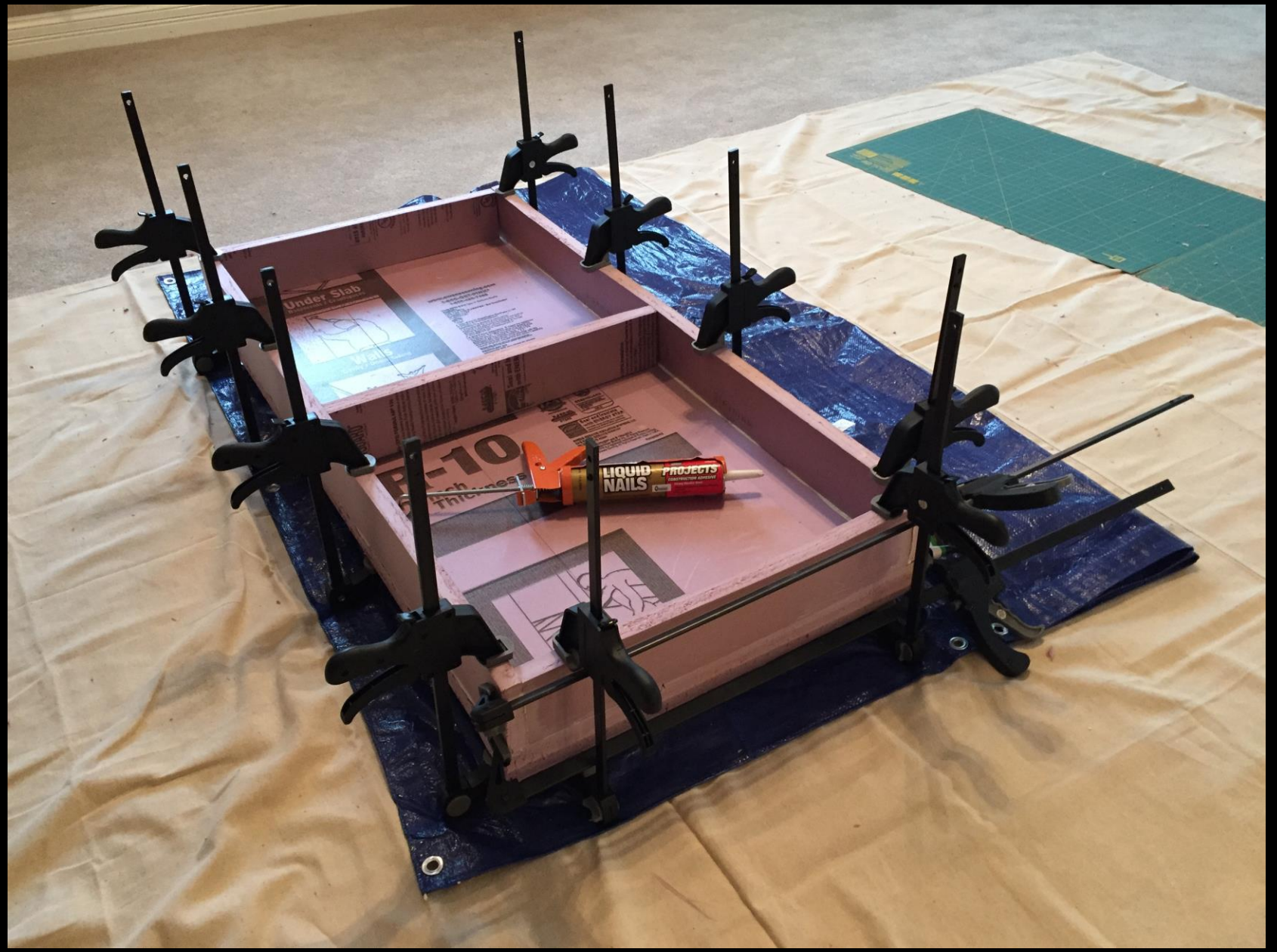
Construction



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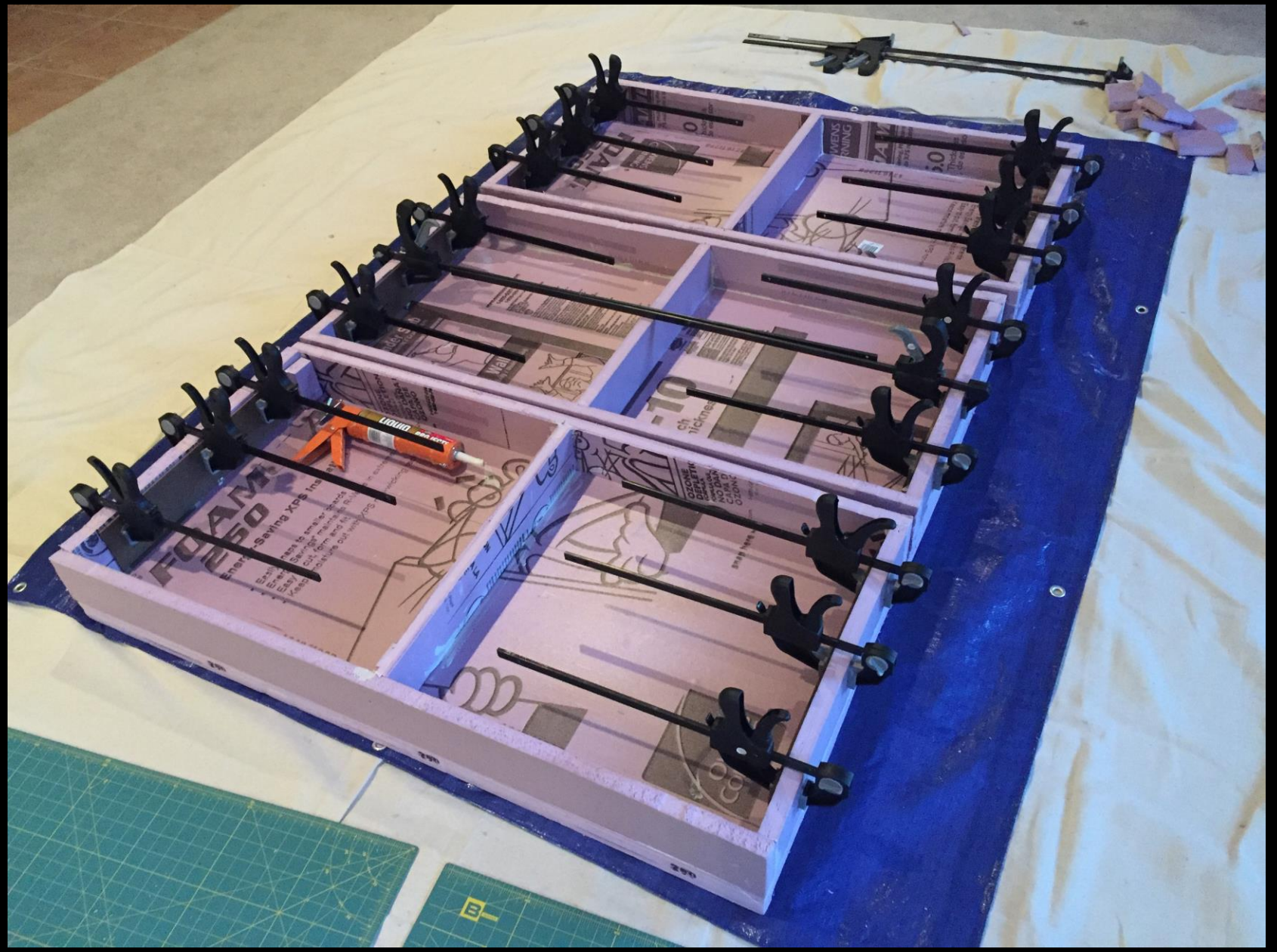
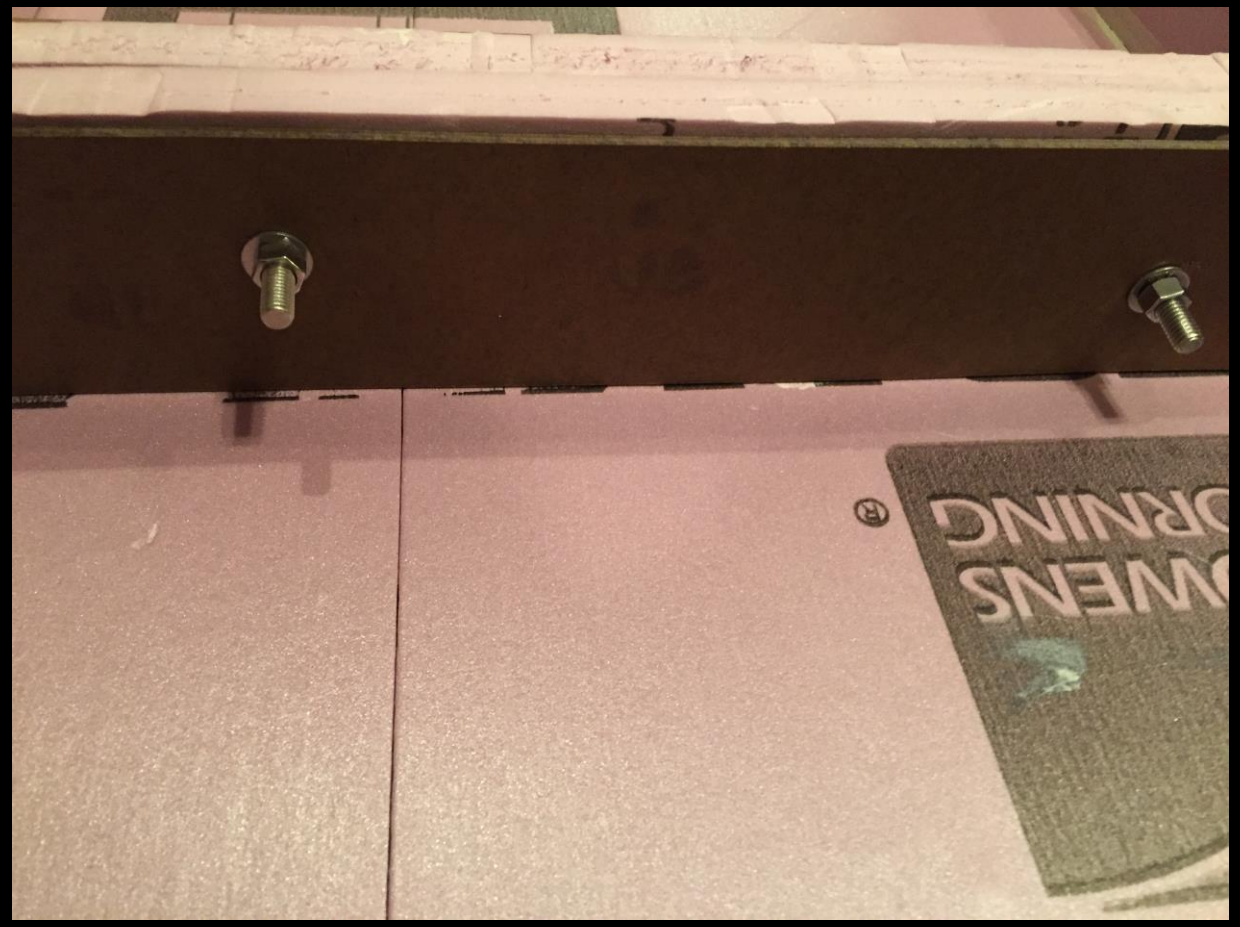
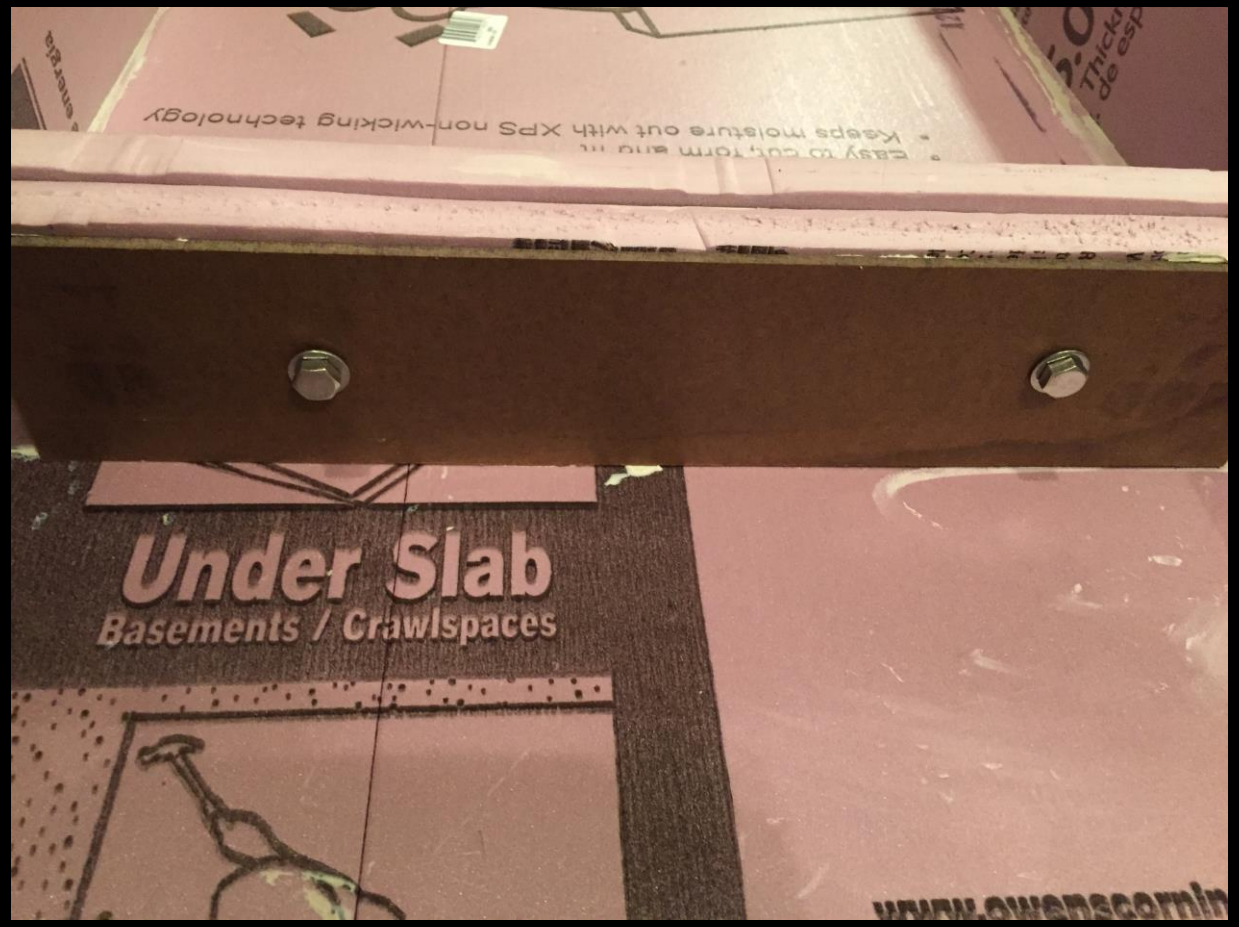


Construction





Construction

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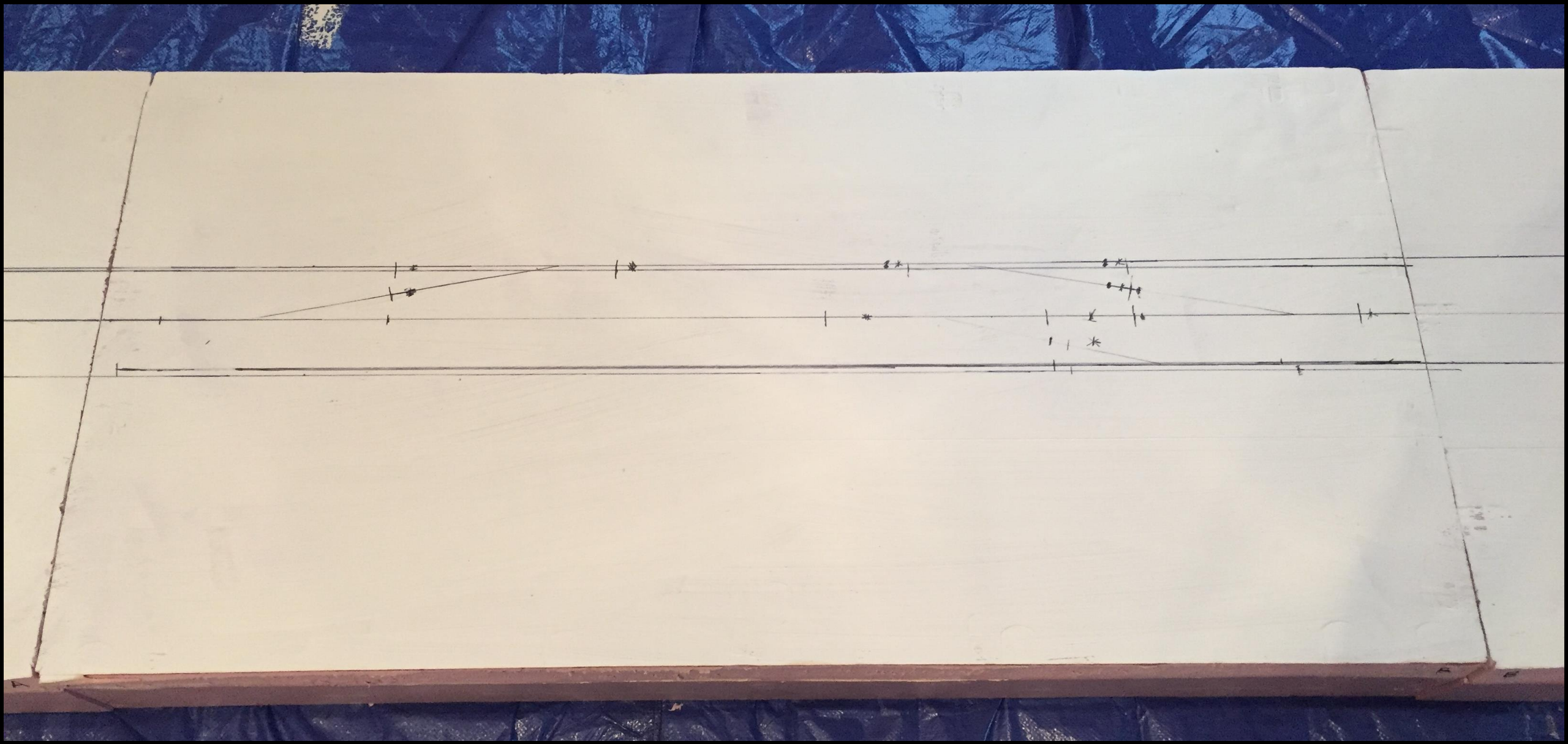

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Construction

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Construction

Construction

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Construction

Transport

- 2010 Prius

Transport

- 2010 Prius

Operations

- Bachmann EZ-DCC System
- Athearn Genesis GP9
- Rolling Stock (& a Caboose) from a variety of manufacturers
- It’s a turn. . . Caboose & engine switch ends before end of turn
- Crews are supplied with a switchlist

Sorted by Owner & Number		Concrete	East Tipple	Furniture	Grocery	Lumber	Stockyard	West Tipple
ATSF 94135	Stock Car						■	
C&0 151992	Coal Hopper		■					■
C&0 486000	Boxcar			■	■	■	■	
C&0 897844	Refrigerator				■			
C&O 151945	Coal Hopper		■					■
C&O 151959	Coal Hopper		■					■
C&O 151997	Coal Hopper		■					■
C&O 24251	Boxcar			■	■	■	■	
C&O 481895	Boxcar			■	■	■	■	
C&O 897858	Refrigerator				■			
EJ&E 3282	Sand Hopper	■						
L&N 30650	Wood Chip Hopper					■		
L&N 30654	Wood Chip Hopper					■		
L&N 46049	Boxcar			■	■	■	■	
MR 2110	Boxcar			■		■		
SLSX 71174	Stock Car						■	
USLX 50508	Thrall Door					■		
WM 5848	Sand Hopper	■						

Sorted by Type		Concrete	East Tipple	Furniture	Grocery	Lumber	Stockyard	West Tipple
C&O 486000	Boxcar							
C&O 24251	Boxcar							
C&O 481895	Boxcar							
L&N 46049	Boxcar							
MR 2110	Boxcar							
C&O 151992	Coal Hopper							
C&O 151945	Coal Hopper							
C&O 151959	Coal Hopper							
C&O 151997	Coal Hopper							
C&O 897844	Refrigerator							
C&O 897858	Refrigerator							
WM 5848	Sand Hopper							
EJ&E 3282	Sand Hopper							
ATSF 94135	Stock Car							
SLSX 71174	Stock Car							
USLX 50508	Thrall Door							
L&N 30650	Wood Chip Hopper							
L&N 30654	Wood Chip Hopper							

Car Location	Turn Number								
	0	1	2	3	4	5	6	7	8
Concrete	WM 5848	WM 5848	EJ&E 3282		EJ&E 3282	EJ&E 3282	EJ&E 3282		EJ&E 3282
	EJ&E 3282			WM 5848	WM 5848		WM 5848	WM 5848	WM 5848
East Tipple	C&O 151945	C&O 151945		C&O 151959	C&O 151959	C&O 151959	C&O 151945		C&O 151945
		C&0 151992	C&0 151992				C&0 151992		
Furniture	C&O 481895	C&O 481895	C&O 481895	C&O 481895		C&O 481895	C&O 481895	C&0 486000	C&0 486000
	C&0 486000		C&0 486000	C&0 486000	C&0 486000	C&0 486000	MR 2110	MR 2110	C&O 481895
Grocery	C&O 897858	C&O 897858	C&O 24251	C&O 24251	C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049
		C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049	L&N 46049	C&0 897844	C&0 897844
Lumber	MR 2110	MR 2110	L&N 30650	L&N 30650	USLX 50508	USLX 50508		L&N 30654	L&N 30654
	L&N 30650	USLX 50508	USLX 50508	MR 2110	MR 2110	L&N 30650	L&N 30650	L&N 30650	
		L&N 30654	L&N 30654		L&N 30654	L&N 30654		USLX 50508	USLX 50508
Stockyard	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174
	C&O 24251	L&N 46049	L&N 46049	L&N 46049		C&O 24251	C&O 24251	C&O 24251	ATSF 94135
West Tipple	C&O 151959	C&O 151959	C&O 151997	C&O 151997	C&0 151992	C&O 151997	C&O 151997	C&O 151997	C&0 151992
	C&O 151997			C&O 151945	C&O 151945			C&O 151959	
On Train	USLX 50508	EJ&E 3282	C&O 151959	EJ&E 3282	C&O 481895	WM 5848	L&N 30654	EJ&E 3282	MR 2110
	L&N 30654	C&0 486000	C&O 897858	USLX 50508	C&O 24251	C&O 897858	USLX 50508	C&O 151945	C&O 897858
	ATSF 94135	L&N 30650	MR 2110	L&N 30654	L&N 30650	MR 2110	C&0 897844	C&0 151992	L&N 30650
	L&N 46049	SLSX 71174	C&O 151945	SLSX 71174	C&O 151997	SLSX 71174	C&0 486000	C&O 481895	C&O 24251
	C&0 897844	C&O 24251	WM 5848	C&0 897844	ATSF 94135	C&O 151945	C&O 151959	SLSX 71174	C&O 151997
	C&0 151992	C&O 151997	ATSF 94135	C&0 151992	L&N 46049	C&0 151992	ATSF 94135	L&N 46049	C&O 151959

Operations

- Master Switchlist

Car Location	Turn Number								
	0	1	2	3	4	5	6	7	8
Concrete	WM 5848	WM 5848	EJ&E 3282		EJ&E 3282	EJ&E 3282	EJ&E 3282		EJ&E 3282
	EJ&E 3282			WM 5848	WM 5848		WM 5848	WM 5848	WM 5848
East Tipple	C&O 151945	C&O 151945		C&O 151959	C&O 151959	C&O 151959	C&O 151945		C&O 151945
		C&0 151992	C&0 151992				C&0 151992		
Furniture	C&O 481895	C&O 481895	C&O 481895	C&O 481895		C&O 481895	C&O 481895	C&0 486000	C&0 486000
	C&0 486000		C&0 486000	C&0 486000	C&0 486000	C&0 486000	MR 2110	MR 2110	C&O 481895
Grocery	C&O 897858	C&O 897858	C&O 24251	C&O 24251	C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049
		C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049	L&N 46049	C&0 897844	C&0 897844
Lumber	MR 2110	MR 2110	L&N 30650	L&N 30650	USLX 50508	USLX 50508		L&N 30654	L&N 30654
	L&N 30650	USLX 50508	USLX 50508	MR 2110	MR 2110	L&N 30650	L&N 30650	L&N 30650	
		L&N 30654	L&N 30654		L&N 30654	L&N 30654		USLX 50508	USLX 50508
Stockyard	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174
	C&O 24251	L&N 46049	L&N 46049	L&N 46049		C&O 24251	C&O 24251	C&O 24251	ATSF 94135
West Tipple	C&O 151959	C&O 151959	C&O 151997	C&O 151997	C&0 151992	C&O 151997	C&O 151997	C&O 151997	C&0 151992
	C&O 151997			C&O 151945	C&O 151945			C&O 151959	
On Train	USLX 50508	EJ&E 3282	C&O 151959	EJ&E 3282	C&O 481895	WM 5848	L&N 30654	EJ&E 3282	MR 2110
	L&N 30654	C&0 486000	C&O 897858	USLX 50508	C&O 24251	C&O 897858	USLX 50508	C&O 151945	C&O 897858
	ATSF 94135	L&N 30650	MR 2110	L&N 30654	L&N 30650	MR 2110	C&0 897844	C&0 151992	L&N 30650
	L&N 46049	SLSX 71174	C&O 151945	SLSX 71174	C&O 151997	SLSX 71174	C&0 486000	C&O 481895	C&O 24251
	C&0 897844	C&O 24251	WM 5848	C&0 897844	ATSF 94135	C&O 151945	C&O 151959	SLSX 71174	C&O 151997
	C&0 151992	C&O 151997	ATSF 94135	C&0 151992	L&N 46049	C&0 151992	ATSF 94135	L&N 46049	C&O 151959

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Concrete	WM 5848	WM 5848	EJ&E 3282		EJ&E 3282	EJ&E 3282	EJ&E 3282		EJ&E 3282
	EJ&E 3282			WM 5848	WM 5848		WM 5848	WM 5848	WM 5848
East Tipple	C&O 151945	C&O 151945		C&O 151959	C&O 151959	C&O 151959	C&O 151945		C&O 151945
		C&0 151992	C&0 151992				C&0 151992		
Furniture	C&O 481895	C&O 481895	C&O 481895	C&O 481895		C&O 481895	C&O 481895	C&0 486000	C&0 486000
	C&0 486000		C&0 486000	C&0 486000	C&0 486000	C&0 486000	MR 2110	MR 2110	C&O 481895
Grocery	C&O 897858	C&O 897858	C&O 24251	C&O 24251	C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049
		C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049	L&N 46049	C&0 897844	C&0 897844
Lumber	MR 2110	MR 2110	L&N 30650	L&N 30650	USLX 50508	USLX 50508		L&N 30654	L&N 30654
	L&N 30650	USLX 50508	USLX 50508	MR 2110	MR 2110	L&N 30650	L&N 30650	L&N 30650	
		L&N 30654	L&N 30654		L&N 30654	L&N 30654		USLX 50508	USLX 50508
Stockyard	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174
	C&O 24251	L&N 46049	L&N 46049	L&N 46049		C&O 24251	C&O 24251	C&O 24251	ATSF 94135
West Tipple	C&O 151959	C&O 151959	C&O 151997	C&O 151997	C&0 151992	C&O 151997	C&O 151997	C&O 151997	C&0 151992
	C&O 151997			C&O 151945	C&O 151945			C&O 151959	
On Train	USLX 50508	EJ&E 3282	C&O 151959	EJ&E 3282	C&O 481895	WM 5848	L&N 30654	EJ&E 3282	MR 2110
	L&N 30654	C&0 486000	C&O 897858	USLX 50508	C&O 24251	C&O 897858	USLX 50508	C&O 151945	C&O 897858
	ATSF 94135	L&N 30650	MR 2110	L&N 30654	L&N 30650	MR 2110	C&0 897844	C&0 151992	L&N 30650
	L&N 46049	SLSX 71174	C&O 151945	SLSX 71174	C&O 151997	SLSX 71174	C&0 486000	C&O 481895	C&O 24251
	C&0 897844	C&O 24251	WM 5848	C&0 897844	ATSF 94135	C&O 151945	C&O 151959	SLSX 71174	C&O 151997
	C&0 151992	C&O 151997	ATSF 94135	C&0 151992	L&N 46049	C&0 151992	ATSF 94135	L&N 46049	C&O 151959

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	0	1	2	3	4	5	6	7	8
Concrete	WM 5848	WM 5848	EJ&E 3282		EJ&E 3282	EJ&E 3282	EJ&E 3282		EJ&E 3282
	EJ&E 3282			WM 5848	WM 5848		WM 5848	WM 5848	WM 5848
East Tipple	C&O 151945	C&O 151945		C&O 151959	C&O 151959	C&O 151959	C&O 151945		C&O 151945
		C&0 151992	C&0 151992				C&0 151992		
Furniture	C&O 481895	C&O 481895	C&O 481895	C&O 481895		C&O 481895	C&O 481895	C&0 486000	C&0 486000
	C&0 486000		C&0 486000	C&0 486000	C&0 486000	C&0 486000	MR 2110	MR 2110	C&O 481895
Grocery	C&O 897858	C&O 897858	C&O 24251	C&O 24251	C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049
		C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049	L&N 46049	C&0 897844	C&0 897844
Lumber	MR 2110	MR 2110	L&N 30650	L&N 30650	USLX 50508	USLX 50508		L&N 30654	L&N 30654
	L&N 30650	USLX 50508	USLX 50508	MR 2110	MR 2110	L&N 30650	L&N 30650	L&N 30650	
		L&N 30654	L&N 30654		L&N 30654	L&N 30654		USLX 50508	USLX 50508
Stockyard	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174
	C&O 24251	L&N 46049	L&N 46049	L&N 46049		C&O 24251	C&O 24251	C&O 24251	ATSF 94135
West Tipple	C&O 151959	C&O 151959	C&O 151997	C&O 151997	C&0 151992	C&O 151997	C&O 151997	C&O 151997	C&0 151992
	C&O 151997			C&O 151945	C&O 151945			C&O 151959	
On Train	USLX 50508	EJ&E 3282	C&O 151959	EJ&E 3282	C&O 481895	WM 5848	L&N 30654	EJ&E 3282	MR 2110
	L&N 30654	C&0 486000	C&O 897858	USLX 50508	C&O 24251	C&O 897858	USLX 50508	C&O 151945	C&O 897858
	ATSF 94135	L&N 30650	MR 2110	L&N 30654	L&N 30650	MR 2110	C&0 897844	C&0 151992	L&N 30650
	L&N 46049	SLSX 71174	C&O 151945	SLSX 71174	C&O 151997	SLSX 71174	C&0 486000	C&O 481895	C&O 24251
	C&0 897844	C&O 24251	WM 5848	C&0 897844	ATSF 94135	C&O 151945	C&O 151959	SLSX 71174	C&O 151997
	C&0 151992	C&O 151997	ATSF 94135	C&0 151992	L&N 46049	C&0 151992	ATSF 94135	L&N 46049	C&O 151959

Operations

- Master Switchlist

Car Location	Turn Number								
	0	1	2	3	4	5	6	7	8
Concrete	WM 5848	WM 5848	EJ&E 3282		EJ&E 3282	EJ&E 3282	EJ&E 3282		EJ&E 3282
	EJ&E 3282			WM 5848	WM 5848		WM 5848	WM 5848	WM 5848
East Tipple	C&O 151945	C&O 151945		C&O 151959	C&O 151959	C&O 151959	C&O 151945		C&O 151945
		C&0 151992	C&0 151992				C&0 151992		
Furniture	C&O 481895	C&O 481895	C&O 481895	C&O 481895		C&O 481895	C&O 481895	C&0 486000	C&0 486000
	C&0 486000		C&0 486000	C&0 486000	C&0 486000	C&0 486000	MR 2110	MR 2110	C&O 481895
Grocery	C&O 897858	C&O 897858	C&O 24251	C&O 24251	C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049
		C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049	L&N 46049	C&0 897844	C&0 897844
Lumber	MR 2110	MR 2110	L&N 30650	L&N 30650	USLX 50508	USLX 50508		L&N 30654	L&N 30654
	L&N 30650	USLX 50508	USLX 50508	MR 2110	MR 2110	L&N 30650	L&N 30650	L&N 30650	
		L&N 30654	L&N 30654		L&N 30654	L&N 30654		USLX 50508	USLX 50508
Stockyard	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174
	C&O 24251	L&N 46049	L&N 46049	L&N 46049		C&O 24251	C&O 24251	C&O 24251	ATSF 94135
West Tipple	C&O 151959	C&O 151959	C&O 151997	C&O 151997	C&0 151992	C&O 151997	C&O 151997	C&O 151997	C&0 151992
	C&O 151997			C&O 151945	C&O 151945			C&O 151959	
On Train	USLX 50508	EJ&E 3282	C&O 151959	EJ&E 3282	C&O 481895	WM 5848	L&N 30654	EJ&E 3282	MR 2110
	L&N 30654	C&0 486000	C&O 897858	USLX 50508	C&O 24251	C&O 897858	USLX 50508	C&O 151945	C&O 897858
	ATSF 94135	L&N 30650	MR 2110	L&N 30654	L&N 30650	MR 2110	C&0 897844	C&0 151992	L&N 30650
	L&N 46049	SLSX 71174	C&O 151945	SLSX 71174	C&O 151997	SLSX 71174	C&0 486000	C&O 481895	C&O 24251
	C&0 897844	C&O 24251	WM 5848	C&0 897844	ATSF 94135	C&O 151945	C&O 151959	SLSX 71174	C&O 151997
	C&0 151992	C&O 151997	ATSF 94135	C&0 151992	L&N 46049	C&0 151992	ATSF 94135	L&N 46049	C&O 151959

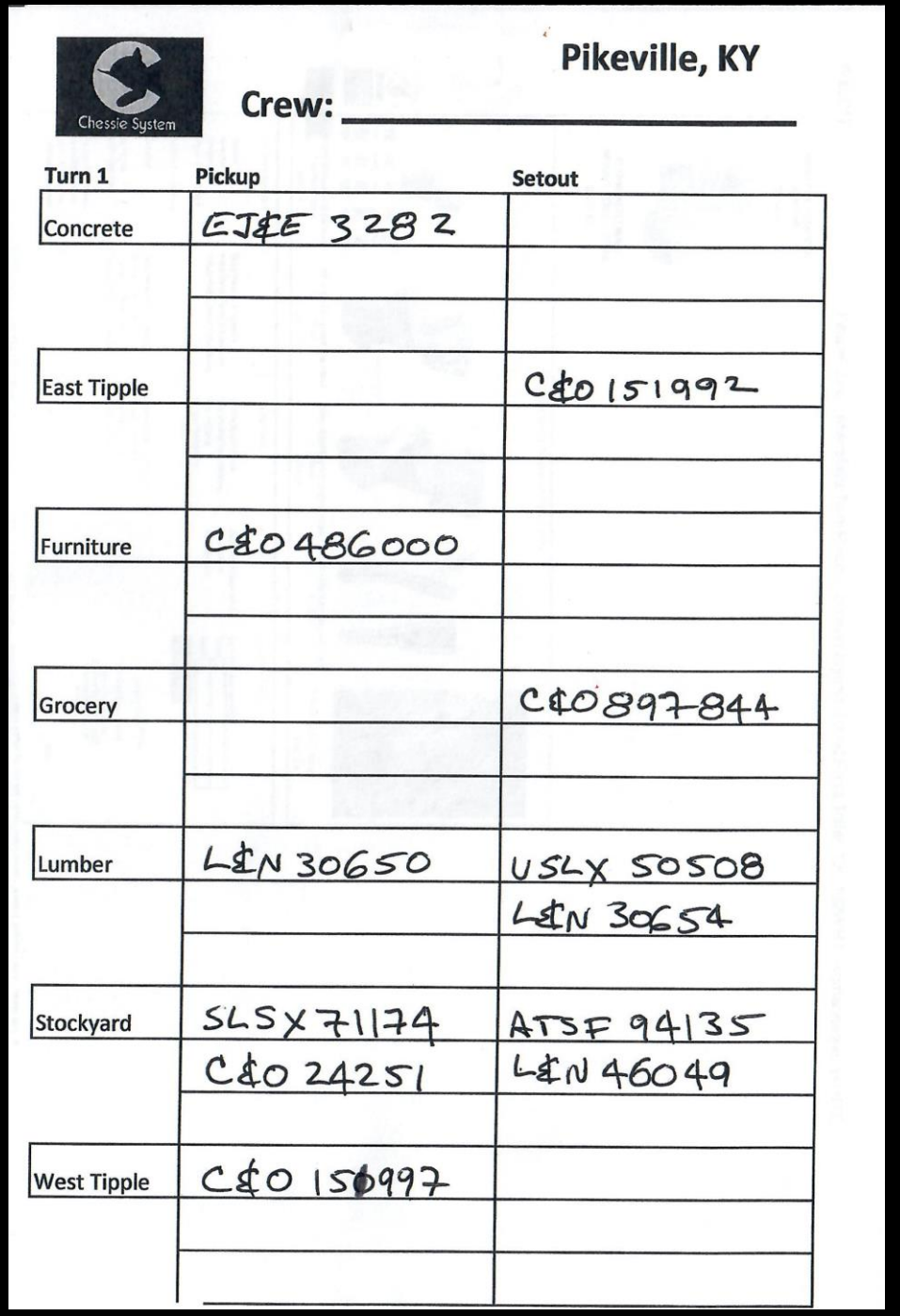
Operations

- Master Switchlist

Car Location	Turn Number								
	0	1	2	3	4	5	6	7	8
Concrete	WM 5848	WM 5848	EJ&E 3282		EJ&E 3282	EJ&E 3282	EJ&E 3282		EJ&E 3282
	EJ&E 3282			WM 5848	WM 5848		WM 5848	WM 5848	WM 5848
East Tipple	C&O 151945	C&O 151945		C&O 151959	C&O 151959	C&O 151959	C&O 151945		C&O 151945
		C&O 151992	C&O 151992				C&O 151992		
Furniture	C&O 481895	C&O 481895	C&O 481895	C&O 481895		C&O 481895	C&O 481895	C&O 486000	C&O 486000
	C&O 486000		C&O 486000	C&O 486000	C&O 486000	C&O 486000	MR 2110	MR 2110	C&O 481895
Grocery	C&O 897858	C&O 897858	C&O 24251	C&O 24251	C&O 897844	C&O 897844	C&O 897858	C&O 897858	L&N 46049
		C&O 897844	C&O 897844	C&O 897858	C&O 897858	L&N 46049	L&N 46049	C&O 897844	C&O 897844
Lumber	MR 2110	MR 2110	L&N 30650	L&N 30650	USLX 50508	USLX 50508		L&N 30654	L&N 30654
	L&N 30650	USLX 50508	USLX 50508	MR 2110	MR 2110	L&N 30650	L&N 30650	L&N 30650	
		L&N 30654	L&N 30654		L&N 30654	L&N 30654		USLX 50508	USLX 50508
Stockyard	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174
	C&O 24251	L&N 46049	L&N 46049	L&N 46049		C&O 24251	C&O 24251	C&O 24251	ATSF 94135
West Tipple	C&O 151959	C&O 151959	C&O 151997	C&O 151997	C&O 151992	C&O 151997	C&O 151997	C&O 151997	C&O 151992
	C&O 151997			C&O 151945	C&O 151945			C&O 151959	
On Train	USLX 50508	EJ&E 3282	C&O 151959	EJ&E 3282	C&O 481895	WM 5848	L&N 30654	EJ&E 3282	MR 2110
	L&N 30654	C&O 486000	C&O 897858	USLX 50508	C&O 24251	C&O 897858	USLX 50508	C&O 151945	C&O 897858
	ATSF 94135	L&N 30650	MR 2110	L&N 30654	L&N 30650	MR 2110	C&O 897844	C&O 151992	L&N 30650
	L&N 46049	SLSX 71174	C&O 151945	SLSX 71174	C&O 151997	SLSX 71174	C&O 486000	C&O 481895	C&O 24251
	C&O 897844	C&O 24251	WM 5848	C&O 897844	ATSF 94135	C&O 151945	C&O 151959	SLSX 71174	C&O 151997
	C&O 151992	C&O 151997	ATSF 94135	C&O 151992	L&N 46049	C&O 151992	ATSF 94135	L&N 46049	C&O 151959

Operations

- Individual/ Crew Switchlists



Chessie System

Pikeville, KY

Crew: _____

Turn 1	Pickup	Setout
Concrete	EJ&E 3282	
East Tipple		C&O 151992
Furniture	C&O 486000	
Grocery		C&O 897844
Lumber	L&N 30650	USLX 50508
		L&N 30654
Stockyard	SLSX 71174	ATSF 94135
	C&O 24251	L&N 46049
West Tipple	C&O 150997	

Operations

- Individual/ Crew Switchlists

Car Location	0	1
Concrete	WM 5848	WM 5848
	EJ&E 3282	
East Tipple	C&O 151945	C&O 151945
		C&0 151992
Furniture	C&O 481895	C&O 481895
	C&0 486000	
Grocery	C&O 897858	C&O 897858
		C&0 897844
Lumber	MR 2110	MR 2110
	L&N 30650	USLX 50508
		L&N 30654
Stockyard	SLSX 71174	ATSF 94135
	C&O 24251	L&N 46049
West Tipple	C&O 151959	C&O 151959
	C&O 151997	
On Train	USLX 50508	EJ&E 3282
	L&N 30654	C&0 486000
	ATSF 94135	L&N 30650
	L&N 46049	SLSX 71174
	C&0 897844	C&O 24251
	C&0 151992	C&O 151997

Chessie System

Pikeville, KY

Crew: _____

Turn 1	Pickup	Setout
Concrete	EJ&E 3282	
East Tipple		C&O 151992
Furniture	C&O 486000	
Grocery		C&O 897844
Lumber	L&N 30650	USLX 50508
		L&N 30654
Stockyard	SLSX 71174	ATSF 94135
	C&O 24251	L&N 46049
West Tipple	C&O 150997	

Operations

- Initial results & comments:
- 30-45 minutes per turn
- “Intense”
- “Fun”
- “Quite the challenge”
- “***You*** do it. I’ll watch!”

Car Location	Turn Number								
	0	1	2	3	4	5	6	7	8
Concrete	WM 5848	WM 5848	EJ&E 3282		EJ&E 3282	EJ&E 3282	EJ&E 3282		EJ&E 3282
	EJ&E 3282			WM 5848	WM 5848		WM 5848	WM 5848	WM 5848
East Tipple	C&O 151945	C&O 151945		C&O 151959	C&O 151959	C&O 151959	C&O 151945		C&O 151945
		C&0 151992	C&0 151992				C&0 151992		
Furniture	C&O 481895	C&O 481895	C&O 481895	C&O 481895		C&O 481895	C&O 481895	C&0 486000	C&0 486000
	C&0 486000		C&0 486000	C&0 486000	C&0 486000	C&0 486000	MR 2110	MR 2110	C&O 481895
Grocery	C&O 897858	C&O 897858	C&O 24251	C&O 24251	C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049
		C&0 897844	C&0 897844	C&O 897858	C&O 897858	L&N 46049	L&N 46049	C&0 897844	C&0 897844
Lumber	MR 2110	MR 2110	L&N 30650	L&N 30650	USLX 50508	USLX 50508		L&N 30654	L&N 30654
	L&N 30650	USLX 50508	USLX 50508	MR 2110	MR 2110	L&N 30650	L&N 30650	L&N 30650	
		L&N 30654	L&N 30654		L&N 30654	L&N 30654		USLX 50508	USLX 50508
Stockyard	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174	ATSF 94135	SLSX 71174
	C&O 24251	L&N 46049	L&N 46049	L&N 46049		C&O 24251	C&O 24251	C&O 24251	ATSF 94135
West Tipple	C&O 151959	C&O 151959	C&O 151997	C&O 151997	C&0 151992	C&O 151997	C&O 151997	C&O 151997	C&0 151992
	C&O 151997			C&O 151945	C&O 151945			C&O 151959	
On Train	USLX 50508	EJ&E 3282	C&O 151959	EJ&E 3282	C&O 481895	WM 5848	L&N 30654	EJ&E 3282	MR 2110
	L&N 30654	C&0 486000	C&O 897858	USLX 50508	C&O 24251	C&O 897858	USLX 50508	C&O 151945	C&O 897858
	ATSF 94135	L&N 30650	MR 2110	L&N 30654	L&N 30650	MR 2110	C&0 897844	C&0 151992	L&N 30650
	L&N 46049	SLSX 71174	C&O 151945	SLSX 71174	C&O 151997	SLSX 71174	C&0 486000	C&O 481895	C&O 24251
	C&0 897844	C&O 24251	WM 5848	C&0 897844	ATSF 94135	C&O 151945	C&O 151959	SLSX 71174	C&O 151997
	C&0 151992	C&O 151997	ATSF 94135	C&0 151992	L&N 46049	C&0 151992	ATSF 94135	L&N 46049	C&O 151959

What's Next

- 4-Car Ops Design
- Ballasting
- Scenery
- Buildings
- Backdrop
- Division 8 Train Show & Sale Layout
- Mini-Ops Sessions at Home
- 3-Person crews (Conductor, Engineer, Switchman)

What's Next

- ✓4-Car Ops Design
- ✓Ballasting
- ✓Scenery
- ✓Buildings
- Backdrop
- ✓Division 8 Train Show & Sale Layout
- ✓Mini-Ops Sessions at Home
- ✓3-Person crews (Conductor, Engineer, Switchman)

What's Next

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Pikeville, Kentucky Timesaver Layout

- Concept & Inspiration
- Research
- Design
- Construction
- Transport
- Operations
- Summary & what's next
- Q&A

Pikeville, Kentucky Timesaver Layout

Fred Soward

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