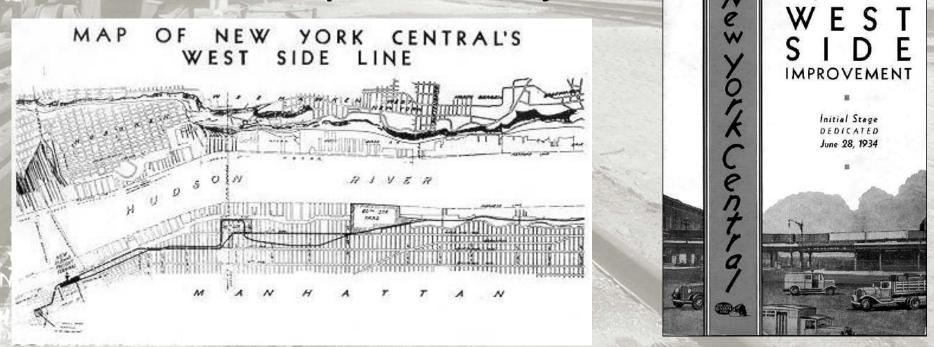
Presented By: David Ramos May 17, 2014



Photo's From Friend of the High Line Mike MacDonald's Photo Bucket Site

What is the High Line?

The "High Line" is the elevated portion of the 30th Street Branch of the New York Central Railroad in New York City. The Elevated portion of the 30th Street Branch or High Line begins its run at 33rd Street and heads south to St' Johns Park Terminal. This was built as a grade elimination project as part of the West Side Improvement Project.



Researching, modeling and operating the New York Central Railroad's High Line In HO Scale The Beginning of the 30th Street Branch

Spuyten Duyvil pivot bridge. The beginning of the New York Central's 30th Street Branch (2010 Photo Bing Maps)

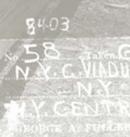
> The New York Central employed a "Wye" at this location.

First tracks built in September 29, 1849

Johnson's Ironworks 1853-1924

What was before the High Line?

Before the West Side Improvement Project the New York Central ran at street level through Manhattan from 72st Yard to the original St. John's Park Terminal.





As the city grew, the expanding warehouse district began to encroach on the neighborhood, and its seclusion was shattered in 1851 when the Hudson River Railroad ran tracks along Hudson St. Rich homeowners moved elsewhere, and St John's Chapel went into financial difficulty.

In 1866, Trinity parish sold the park to Commodore Cornelius Vanderbilt for \$400,000, who built a freight terminal on the site for the Hudson River Railroad.

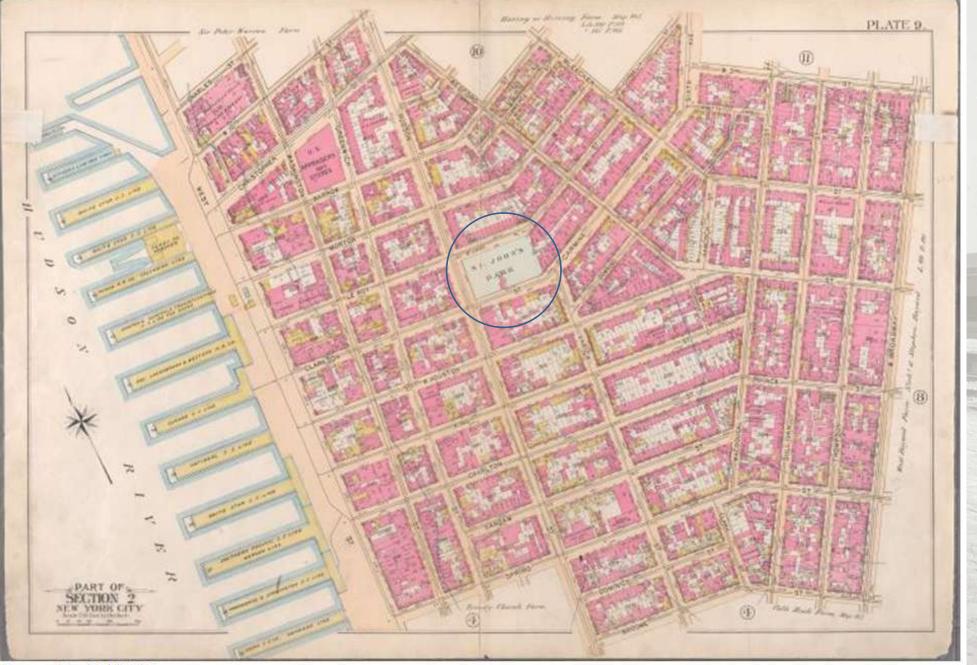


Image ID: 1516765

George W. and Walter S. Bromley Insurance Map 1897 NYPL Digital Collection

Hudson River Railroad Passenger Station at Chambers Street Built 1851



Original St John's Park Freight Terminal - 1920's



NYC

DES-3

Original St John's Park Freight Terminal



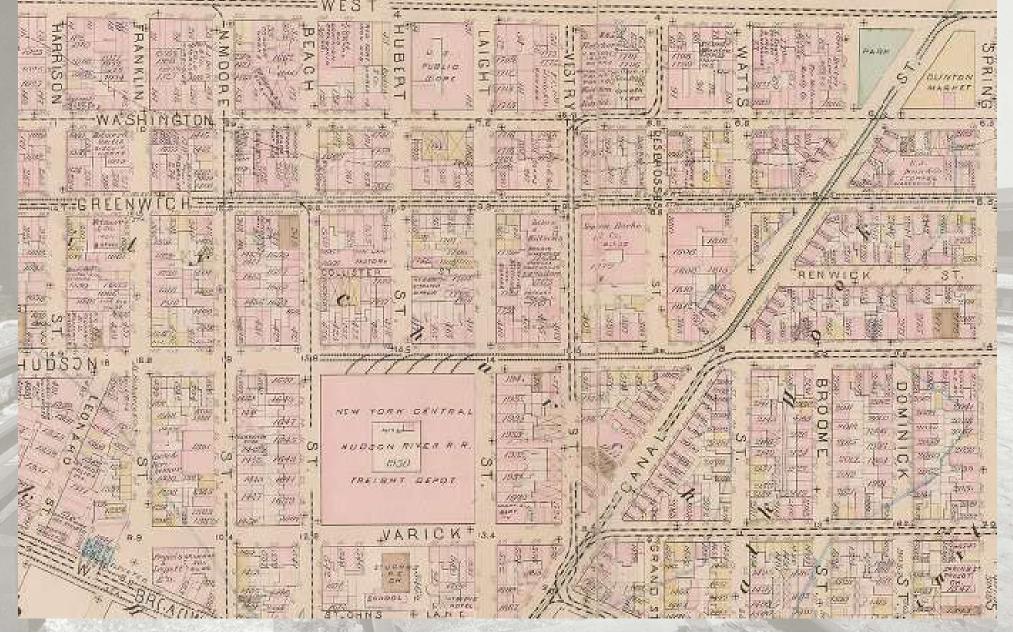
Original St John's Park Freight Terminal

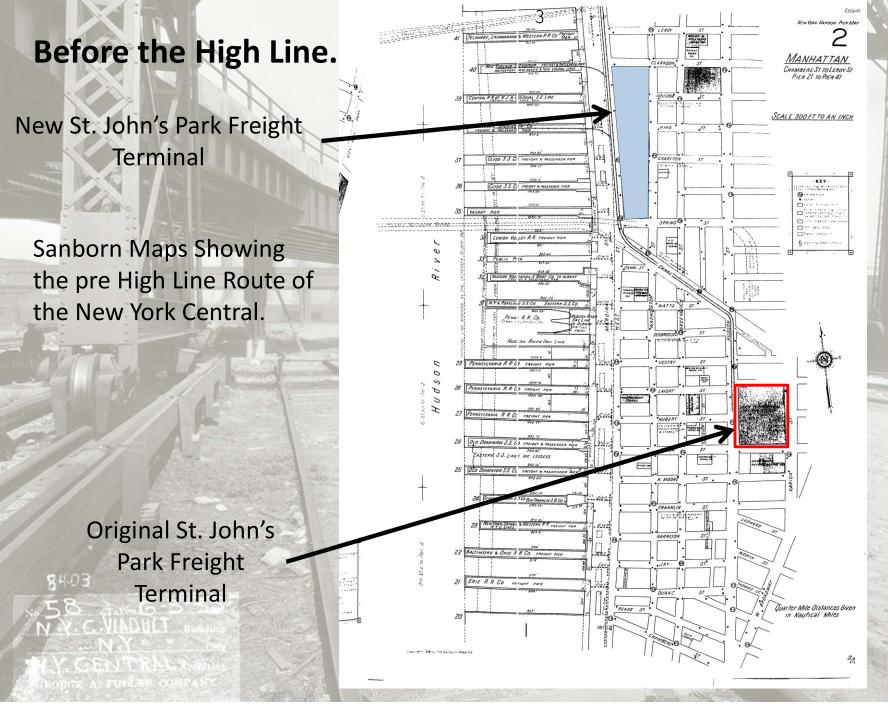
Original St John's Park Freight Terminal

Here is a photo of the decorative relief along the top of St. John's Park. That is a statue of Commodore Cornelius Vanderbilt surrounded by symbols of his empire. At his feet is a plaque the reads "Erected 1868"



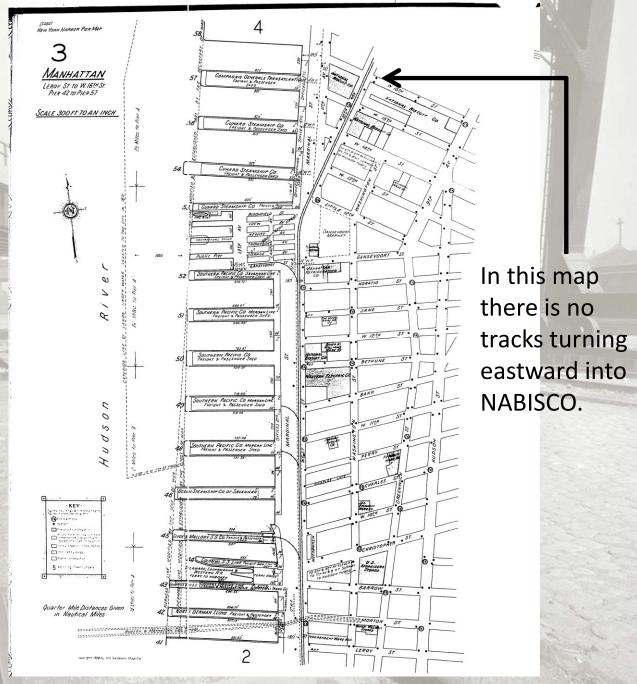
Original St John's Park Freight Terminal Demolition

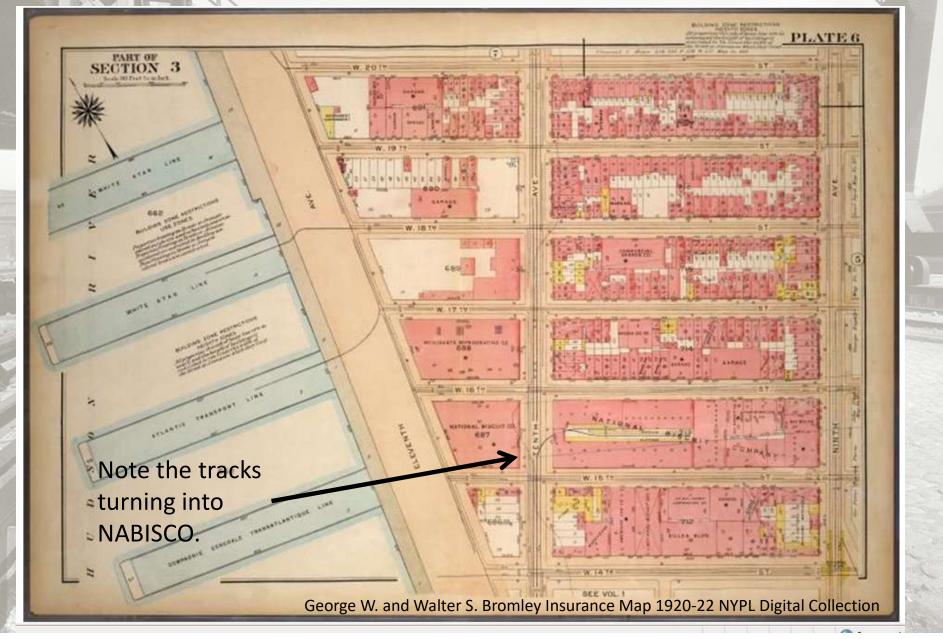


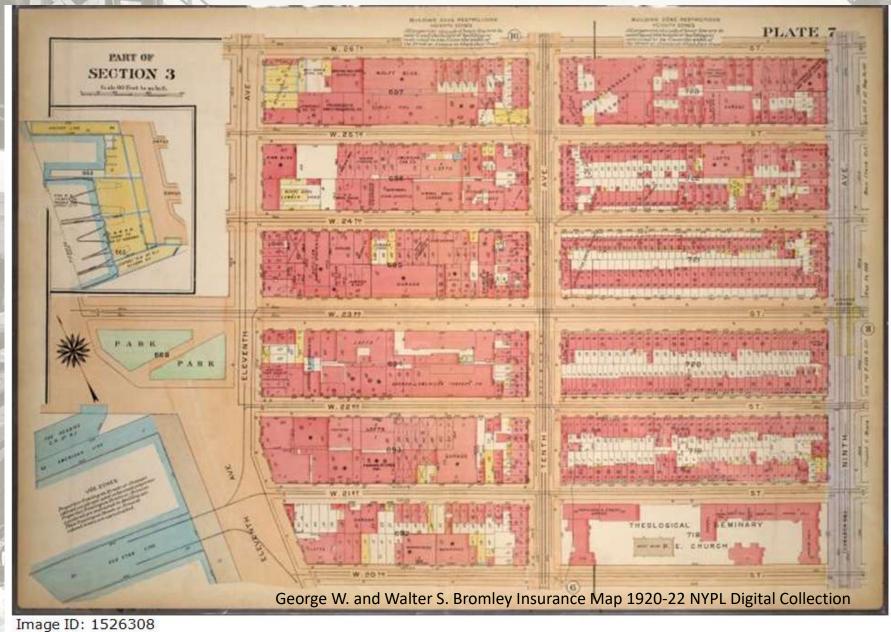


Before the High Line.

Sanborn Maps Showing the pre High Line Route of the New York Central.





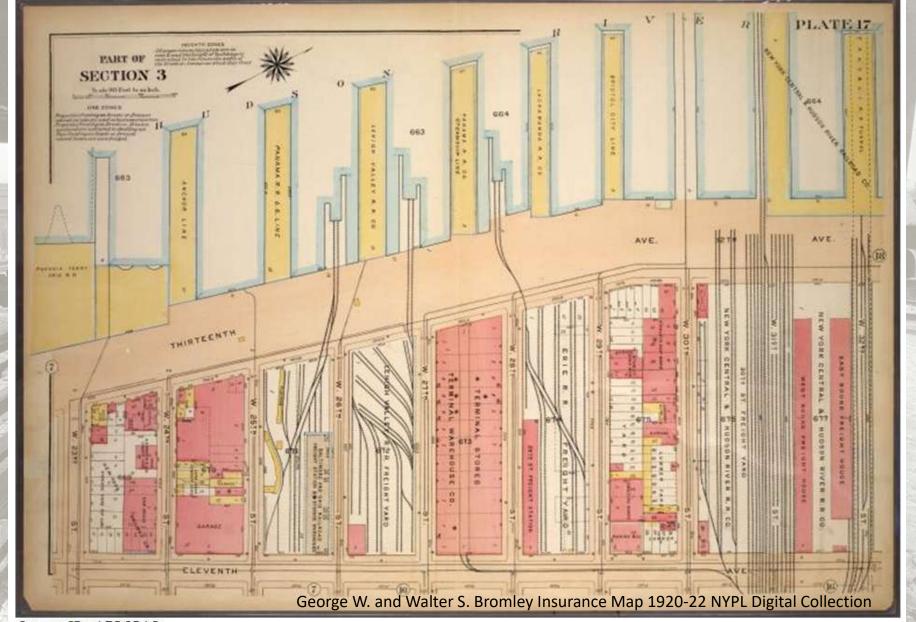


Milk Shed

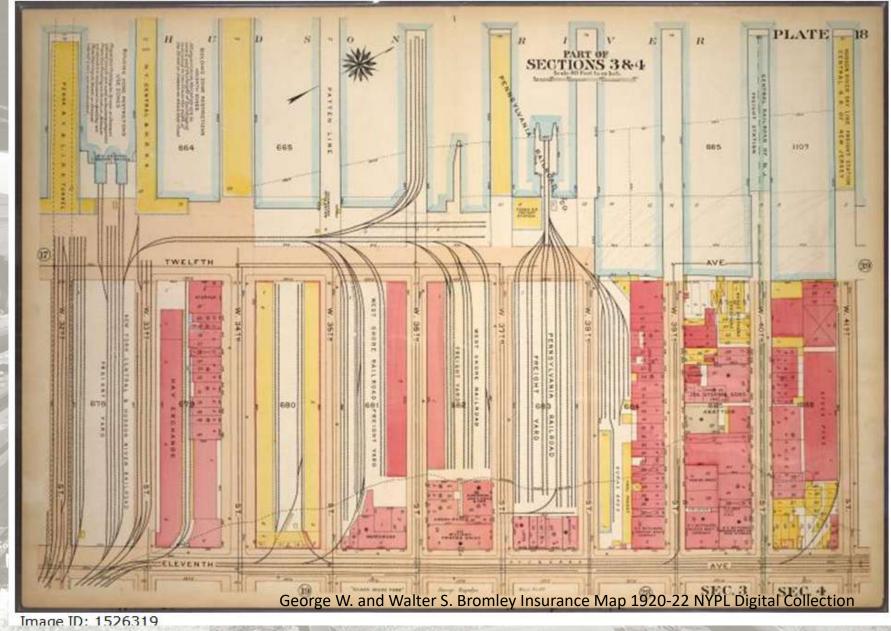
Before the High Line.

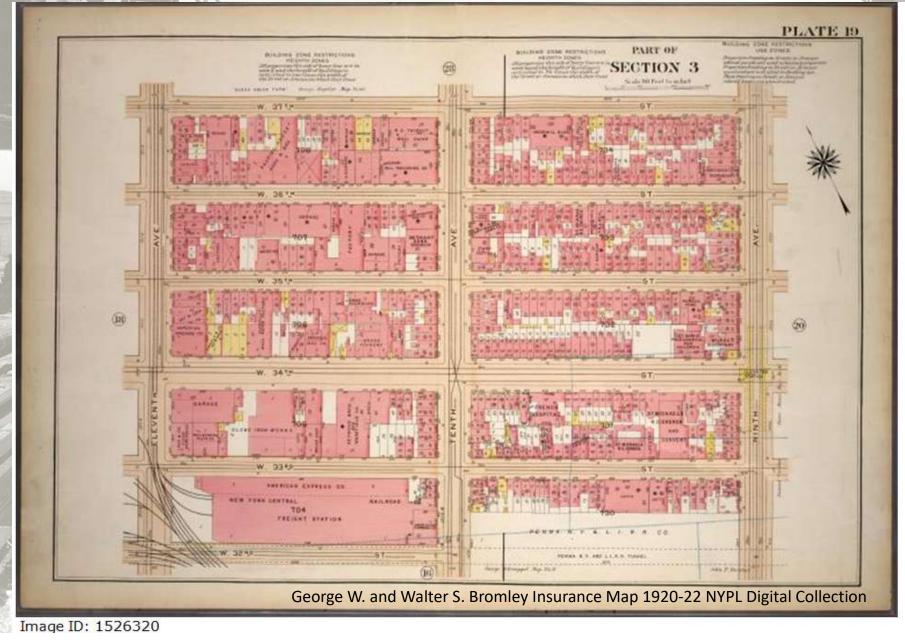
PLAT THE LENTERS NUME TOALS TAL. 62) PART OF SECTION 3 also fill Front his said and George W. and Walter S. Bromley Insurance Map 1920-22 NYPL Digital Collection

Before the High Line.



Tenaco ID. 1536210





Before the High Line.

• St. John's Park

Leaving St. John's Park



Before the High Line.

St. John's Park **Freight Terminal Hudson Street**

Before the High Line.

Making the turn off of Canal St.



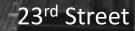




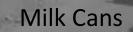
Before the High Line.



19th Street and 10th Avenue



Before the High Line.



Milk Shed

29th Street

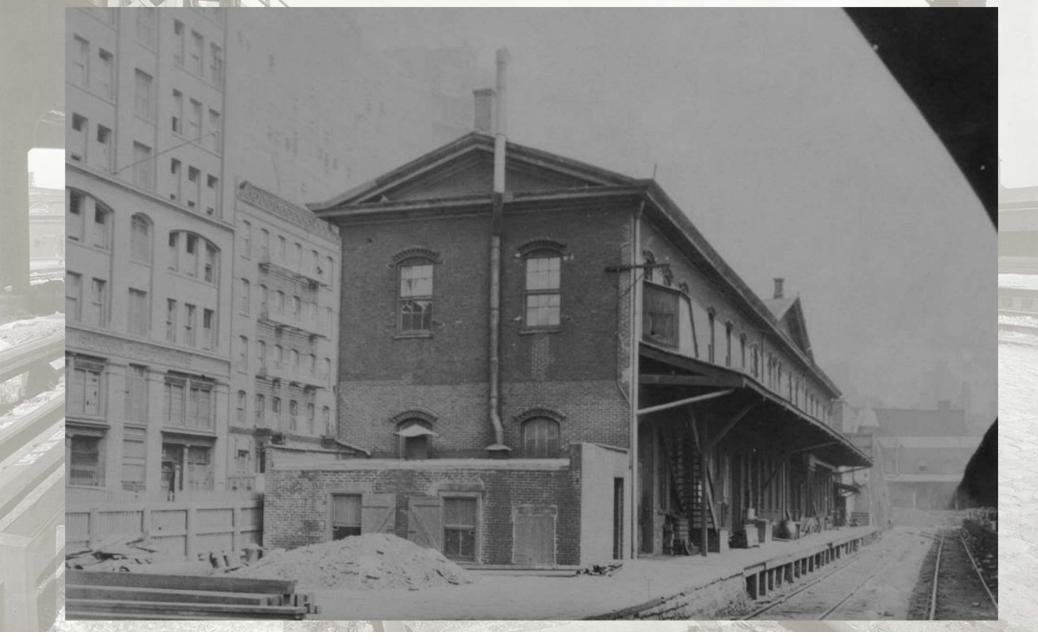
10th Avenue

Before the High Line.

1 1 1 OG Avmette

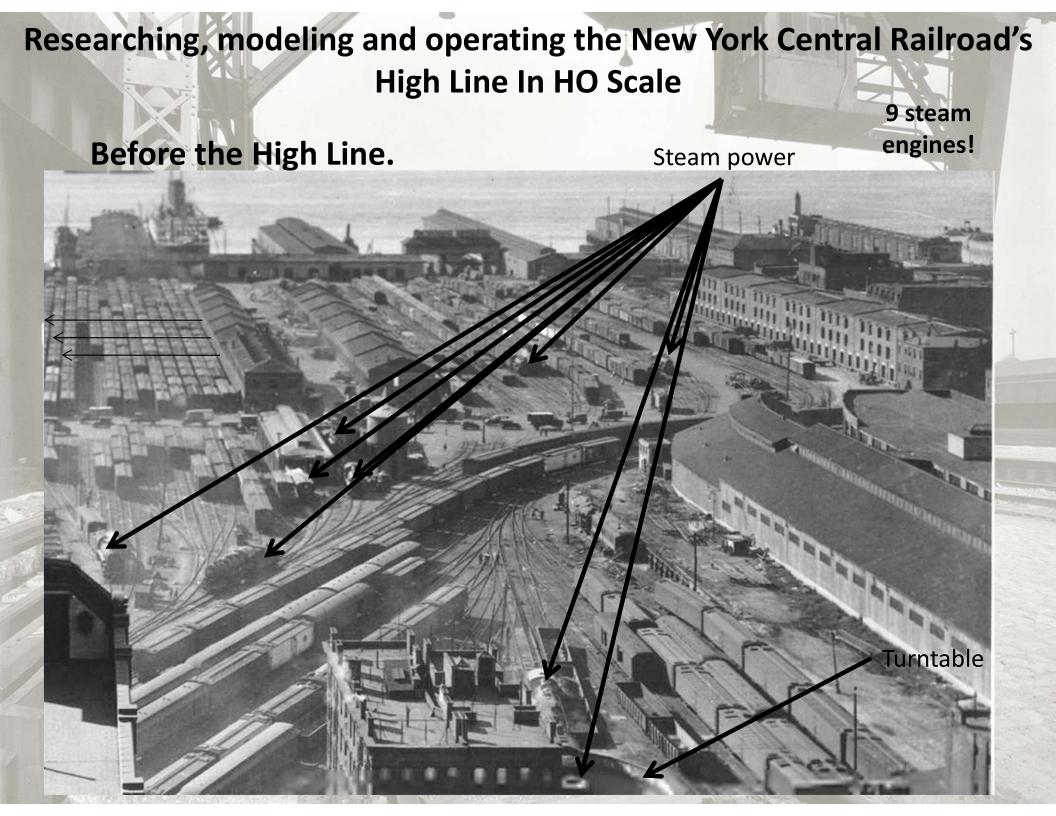
1930

The Empire State building started construction in 1930 and was opened May 1st, 1931.



Before the High Line.

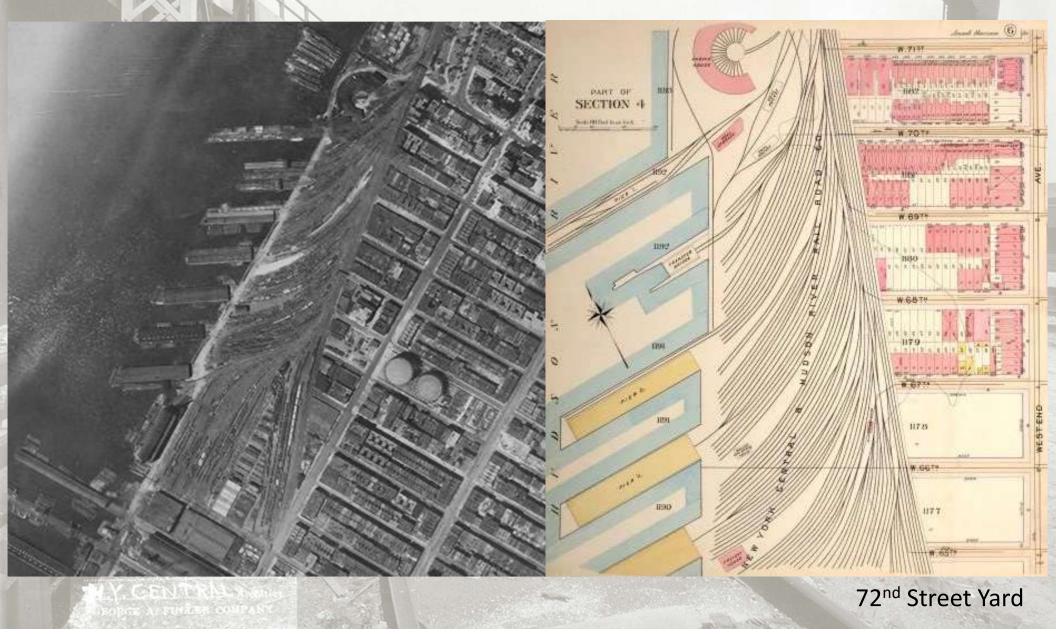
Turning East off of 11th Ave

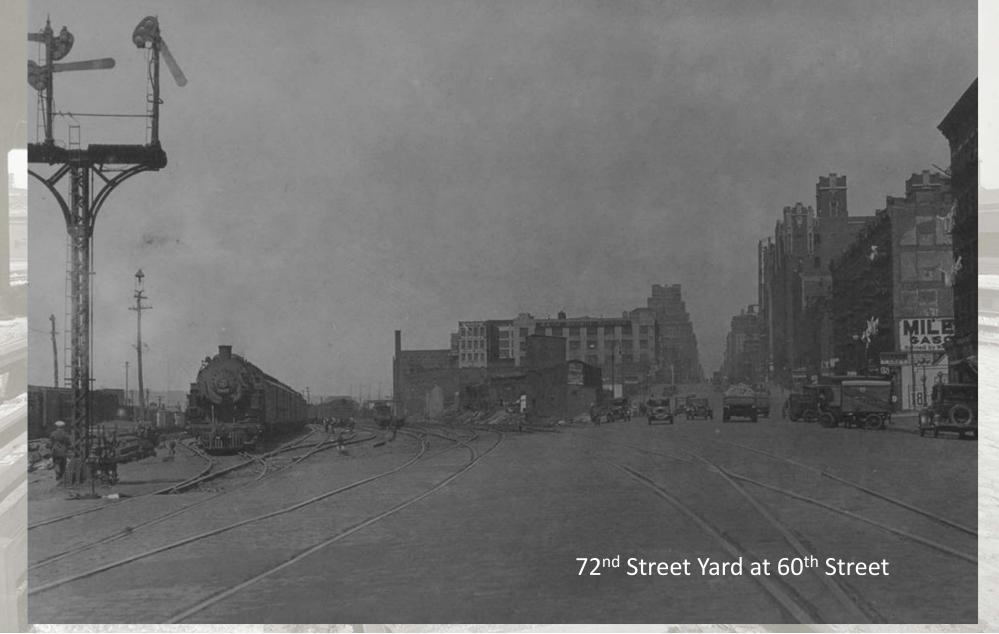










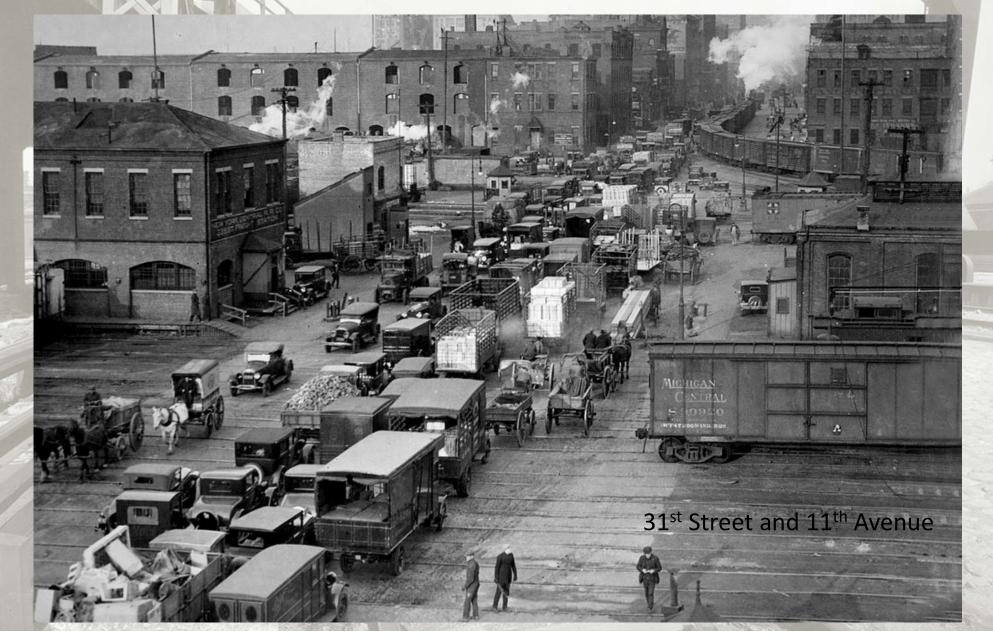


Before the High Line.

Hopper on a fueling Trestle for the steam locomotives

> 84.03 58 N.Y.C.VIADUL N.Y Y.Y.CENTRA

Why Build the High Line?

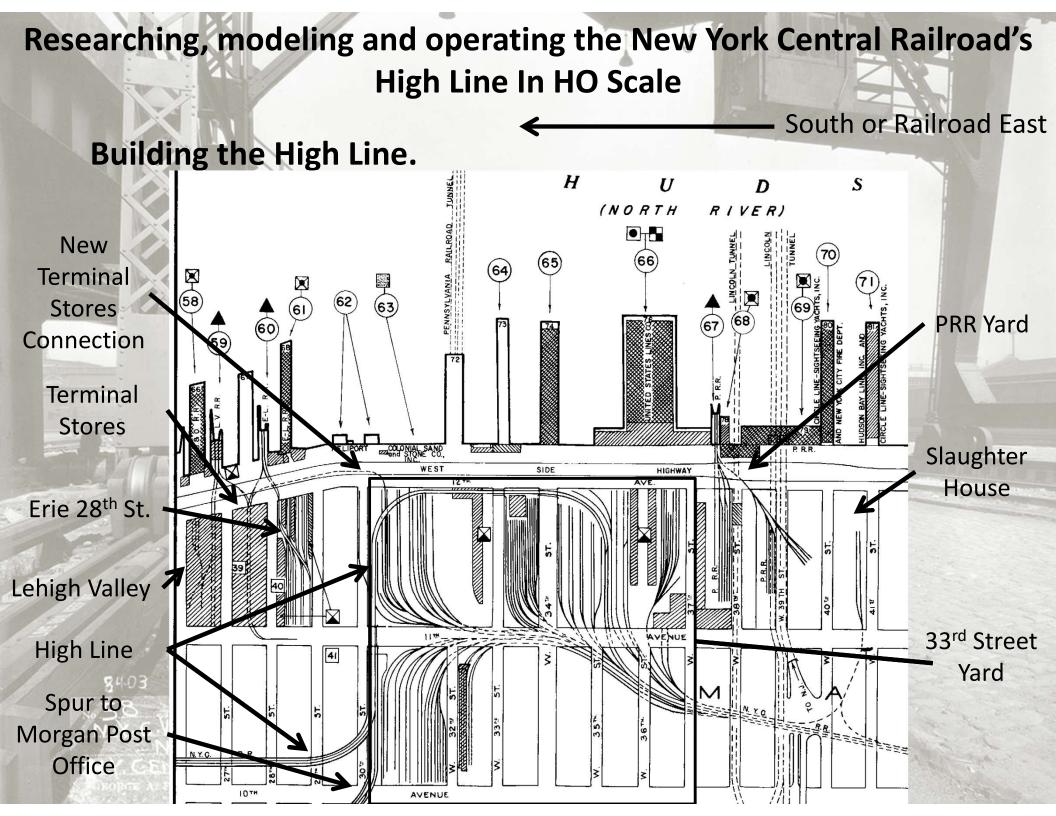


Building the High Line.

SORO

Building the High Line.

84.03 58 335 N Y C VIND N Y C ENT



Building the High Line.

Spur to Slaughter House

84.03 58 N.Y.C. N.Y.C.





Building the High Line.

TARABARAN TARABARAN

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Building the High Line.



NEW YORK ONPANS



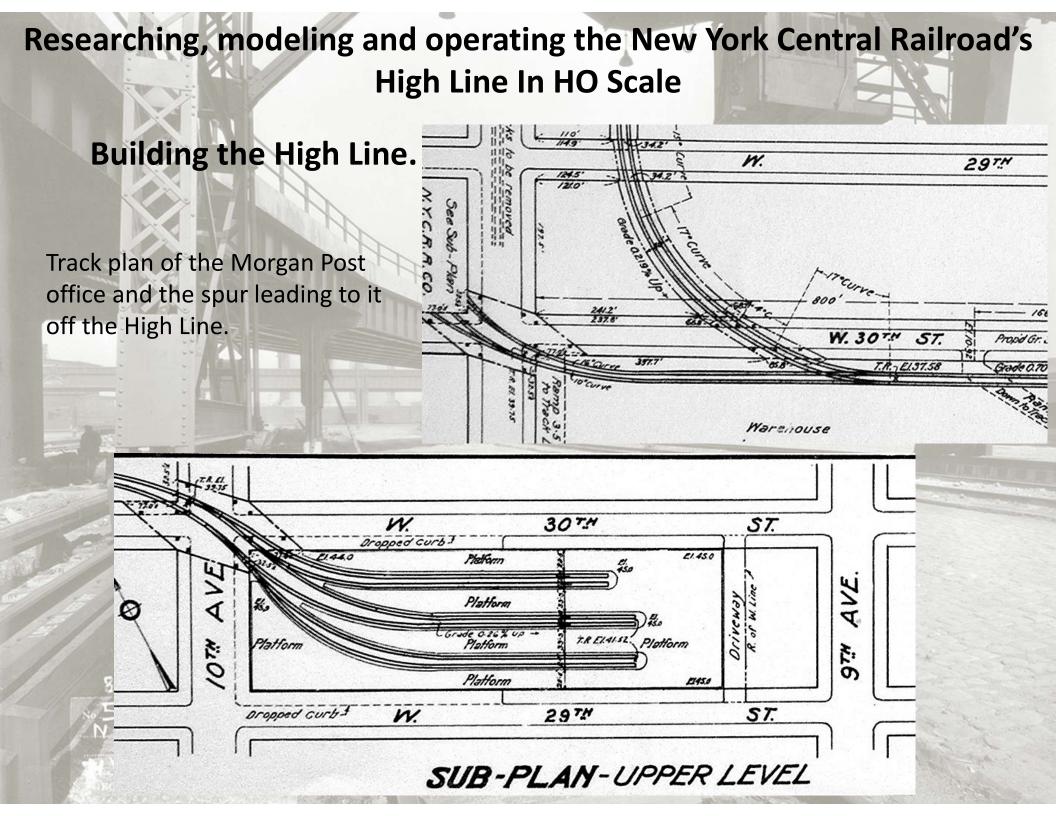
Building the High Line.

Morgan Post Office Over 8,000 RPO and Express cars delivered yearly.

> Longer ties For third rail

Building the High Line.

8399 No. 53 Taken 6-3-33 N.Y.C. YI ADUCT Building N.Y. CHADUCT Building N.Y. City NEW YORK CE NA chitect GEORGE A. FULLER COMPANY



11 15 11

Building the High Line.

NO. 5 TAKEN NOVAP 32 NY C VIADUCT Building NEW YOR K Culy NY CENTRAL Architect GEORGE A. FULLER COMPANY

Building the High Line.

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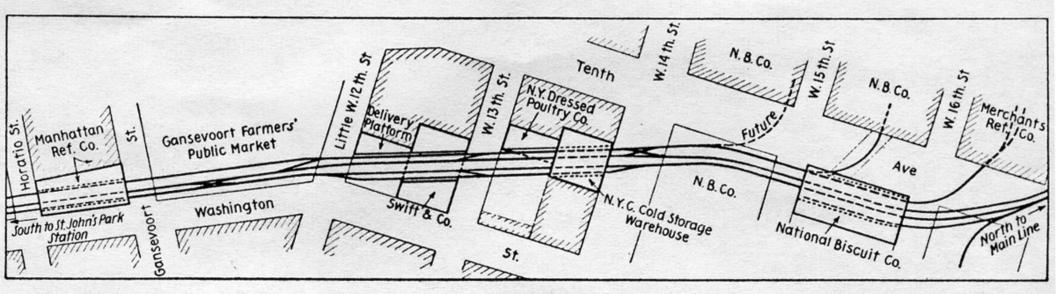
Building the High Line.

Building the High Line.

Vol. 96, No. 25

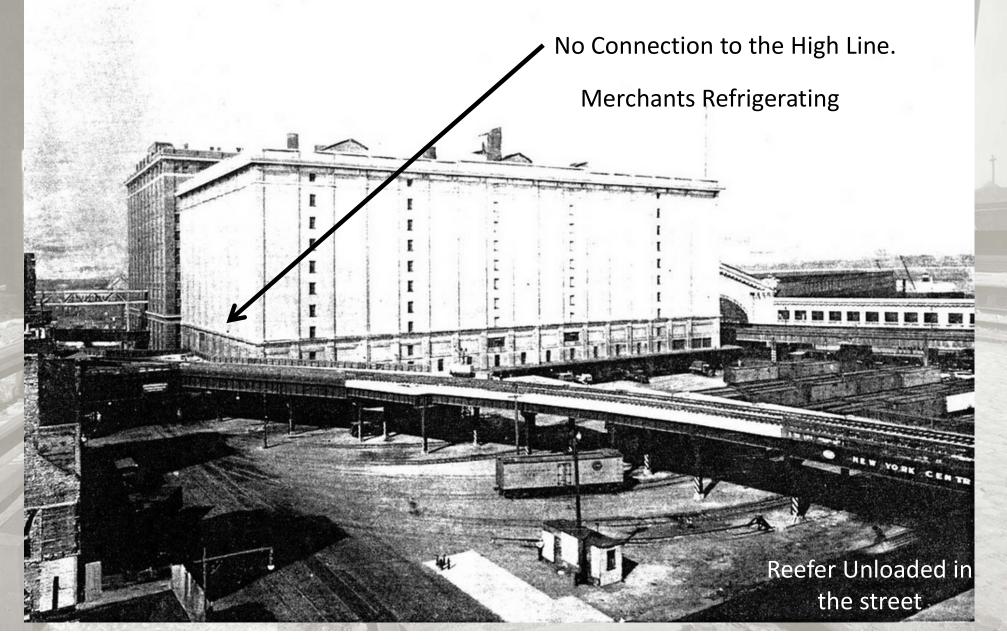
RAILWAY AGE

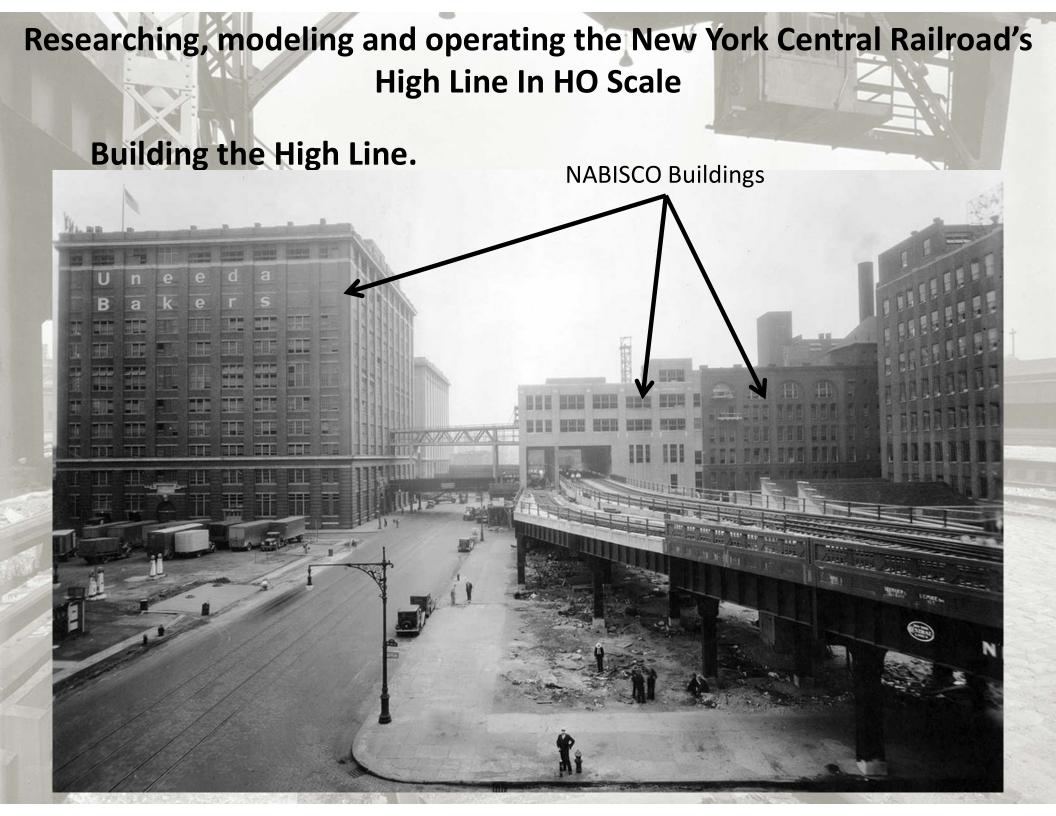
911



The Elevated Tracks Between West Seventeenth and Horatio Streets, Showing Typical Industrial Air-Rights Development



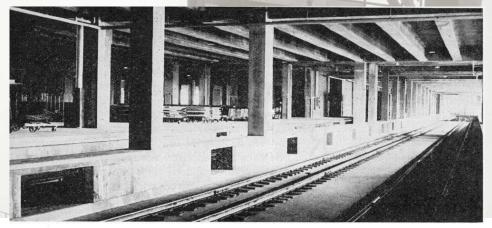


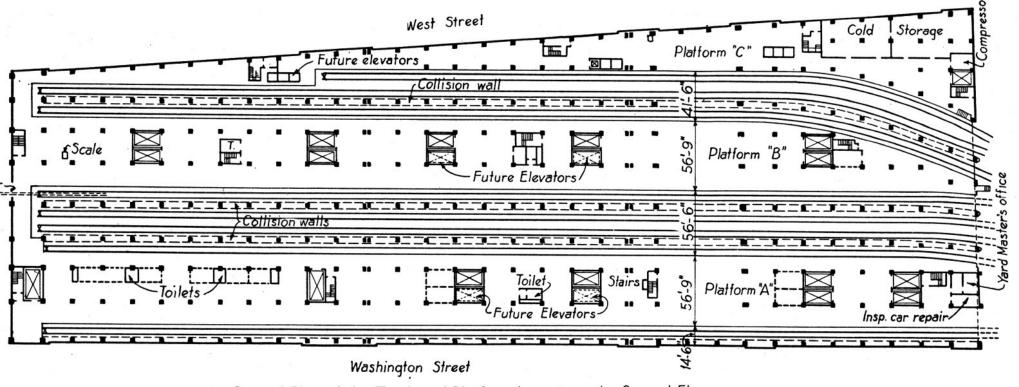


The Completed High Line.

St. John's Park Freight Terminal

Building the High Line.



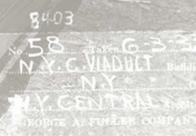


General Plan of the Track and Platform Layout on the Second Floor

B&W images provided by Thomas Flagg.

The Completed High Line.

Even though the High Line cut right through Bell Labs it was not serviced by the railroad



The Completed High Line.

Cudahy and Armour

STATISTICAL CONTAINS

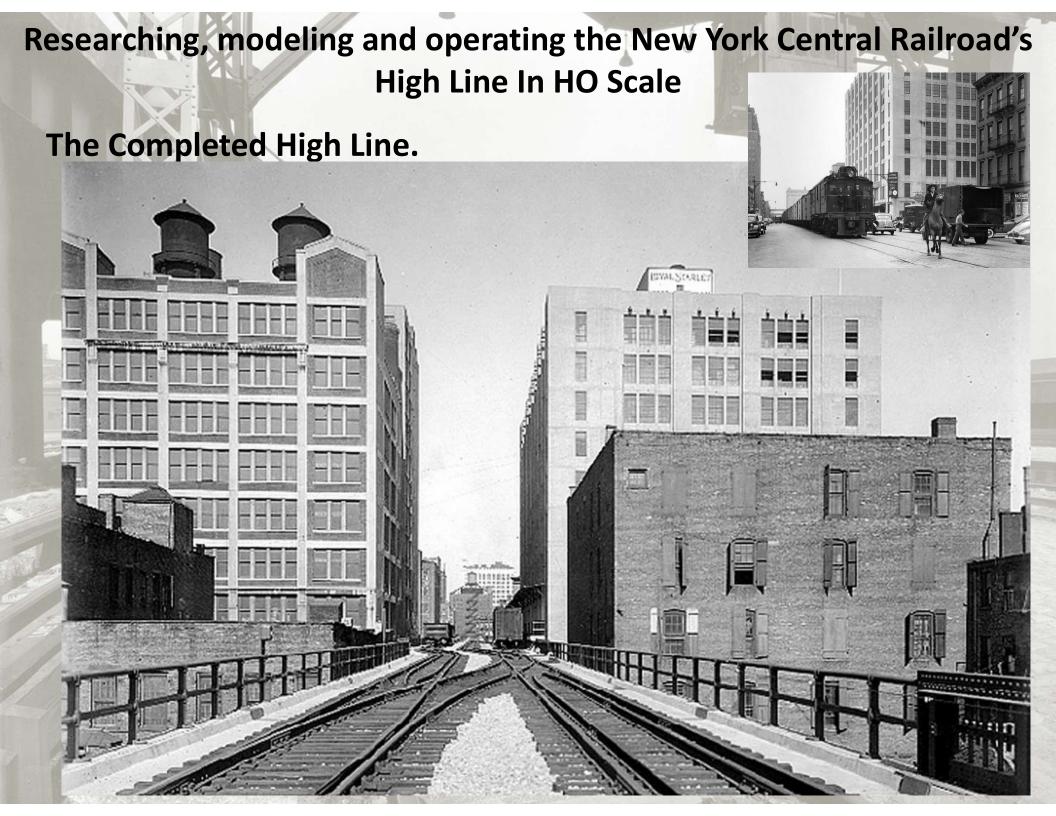
The Completed High Line.

AF

Photo by Tom Flagg and Gerry Weinstein

The Completed High Line.





The Completed High Line.

Photo by Tom Flagg and Gerry Weinstein.

The Completed High Line.



The Completed High Line.



The Completed High Line.

The High Line and 33rd Street Yard



Operations on the High Line.

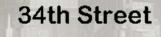
72nd Street Yard

High Line

St. John's

Operations on the High Line.





84.03 58 Jan G N Y C VIADUL N Y CENTRA

Operations on the High Line.

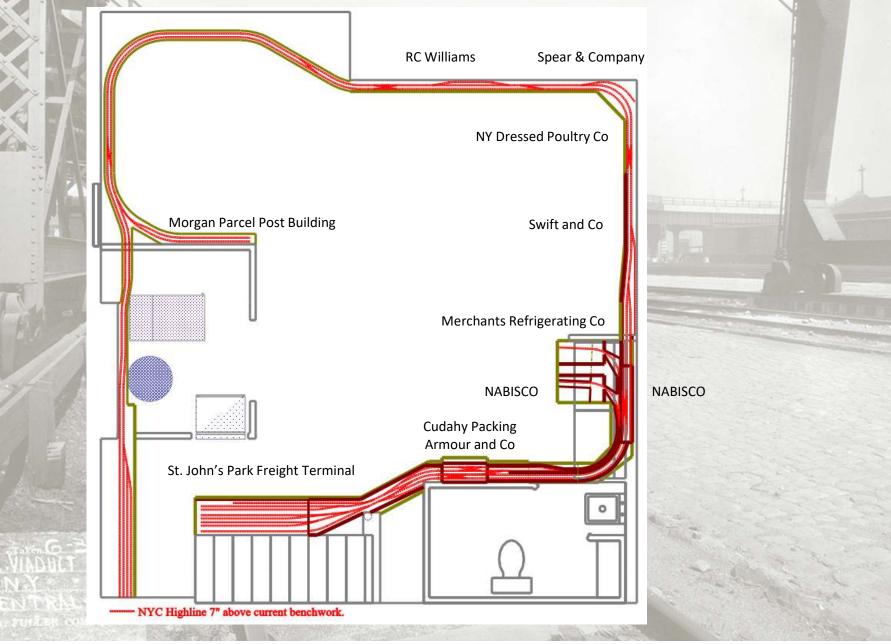
			West Bound		
Train	Time	Station	Name	Freight	Connections
NB - 1	7:45 PM	33rd Street	Pacemaker	LCL	
NB - 3	9:00 PM	72nd Street		All Freight for Elkhart and Beyond	
LS - 1	10:45 PM	72nd Street		All Freight for Dewitt and West	t
NH - 3	11:45 PM	72nd Street		All Freight to Albany and Points East	B&M at Troy
			East Bound		
Train	Time	Station	Name	Freight	Connections
NY - 8	6:00 PM	72nd Street			
10.0					DL&W, Erie,
JS - 2				D 1111 / ABC 11.	PRR
BFNY - 4	NY	- 8		Perishables / All freight	
SLD - 6					
PW - 4					
NY - 4	12:30 AM	72nd Street			
A/CD - 4				All Frieght	
CD - 4	NY	- 4			
XN - 2	4:00AM	72nd Street		Live Stock / Perishables/ All	P&LE
2/NY -6	XN			Freight	
				All Freight From Albany and	
HN - 2	4:15 AM	72nd Street		Points East	
BN - 2	7:20 AM	22rd Street	Pacemaker	LCL	

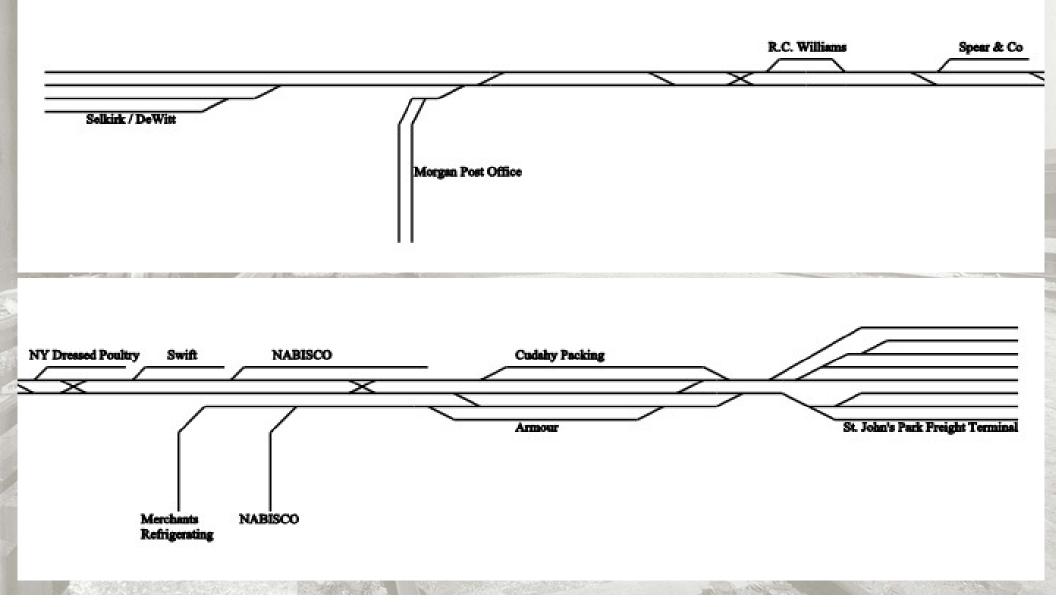
Operations on the High Line.

Industries on the High Line

High Line Sidings and Buildings	St. Johns Park Freight Terminal
Morgan Parcel Post Building	Borden
RC Williams	Colod Corp
Spear & Company	Libby, McNeil & Libby
Merchants Refrigerating Co	Sealright Corp
National Biscuit Co (3 Sidings)	Shannon Bros.
Cudahy Packing	Magazine Shippers Assn.
Armour and Co	Universal Car loading and Distribution
Wilson and Co	F W Woolworth
NYC Cold Storage Warehouse	Western Car loading
NY Dressed Poultry Co.	
Swift and Co	
Gansevoort Public Market	and the second second
Manhattan Refrigerated Company	- mark the state
N SY C. VINDULI Building	

Y. CENTRAL AND





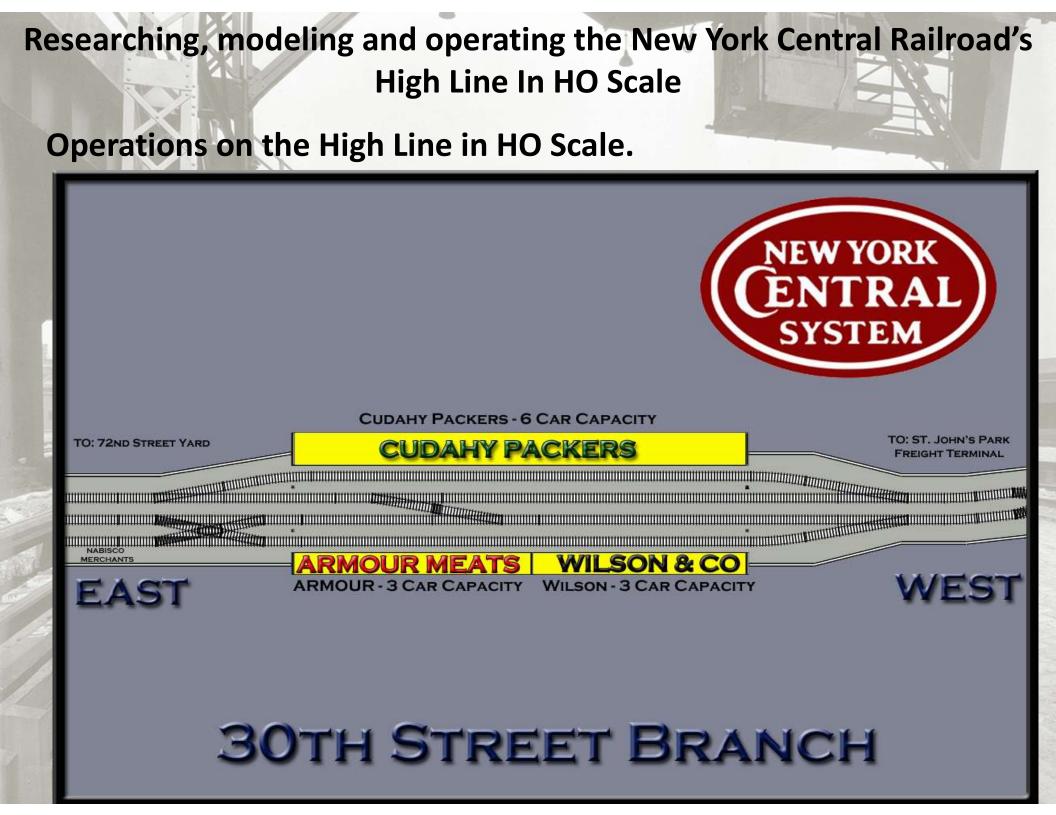
2014

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Operations on the High Line in HO Scale.

A lining

2014





Waybill Only Operations on the High Line in HO Scale.

558 Northern Pacific 558 FREIGHT WAYBILL	SET HERE (NEW YORK) SYSTEM TO BE USE	VELAND, CINCINNATI, CHICAGO & ST. LOUIS FREIGHT WAYBILL D FOR SINGLE CONSIGNMENTS, CARLOAD AND LESS CARLOAD
AR INITIAL CAR NUMBER	IC 3594 2 B, COS	VEIGHT IN TONS LENGTH OF CAR MARKED CAPACITY OF CAR TARE ORDERED FURNISHED ORDERED FURNISHED
	STOP THIS CAR THAT CL	RANSPERE DE TANSPERE DE TANSPE
AR ORDERED XM LENGTH/CAPY OF CAR ORDERED 40'		CONSIGNEE AND ADDRESS AT STOP
T. JOHN'S PARK TATION TATION STATE DATE 1/12/1947	AT TO NO. STATION A LGOMA WI SCONS IN	STATE OF PROV. PROW NO. STATION STATE 5172 LAWREN CEBURG IND
PEAR AND ADDRESS Waybill Number 4701104800	Route (Show each Junction and Corrier in Route and/er to d notion of verychil) BENTON HARBOR CSO KEWAUNE Show "A" If Agent's Routing ar "5" if Shipper's Routing	E KGB&W PIERSON HOLLOWELL CO INC
OMPANY UTE Show in route order Indicate how weights were obtained for L.C.L.	Show "A" If Agent's Reving or "S" If Shipper's Routing RECONSIONED TO USSM SLO	STATE OR PROV. Origin and Date, Original Car, Transfer Freight Bill and Previous Waybill Reference and Routing When Rebilled.
Shipments only. S-Shipper's.	SUMMARITY SL	
T - Turiff Classification or Minimum. R - Railroad Scale. E - Estimated. R	CONSULVE AND ADDRESS ALGOMA PLYWOOD & VENEER C DOCK A ALGOMA WISC	FEE 82500
C. L. TARIFFC - Instructions Regarding Icing, Ventilation, Milling, Weighting, etc. If Iced eify to Whom Icing Should be Charged.	Final Destination and Additional Routing	отац отока. <u>Сурос</u> ротац теге. <u>48300</u>
	On C.L. TRAFFIC-INSTRUCTIONS (Regording leng, Ventil Weighing, Ex. II Lead, Specify to Whom leng Should be	Pickup Service Allowance
TOP THIS CAR DeWitt YARD, Syracuse, NY		Requested Write or Stamp Here Yes No "YO BE PREPAID" Whin Shipper in the United States Executes the No-Recourse Clause of Section 7 of the Bill of Loding, insert "Yes"
r	On LC.L. Treffic Trensfer Stemps to be Shown in This Sport	
PKGS. DESCRIPTION OF ARTICLES	- 1 C/L PLAIN WALNUT VENE	ER TIME 3
L Hardware	LESS THAN 1/16 THICK	A\$ 36000 86 309 60
Time Car Spotted at Siding Time to Unload TRAIN	C.& O. RY. KGB	A THE AND A
AM		6 1000
PM 5 HOURS	DefinedReWGannibes, Wis. Kerwattery	ee, Wis.
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		YORK CENTRAL RAILROAD COMPANY-540
Model Waybill	1	Prototype Waybill

What information can be found on a prototype Waybill?

- 1. Shipping Railroad
- 2. Car Road Name
- 3. Car Road Number
- 4. Destination
- 5. Routing
- 6. Consignee
- 7. Lading
- 8. Railroad Transfer Stamps
- 9. Car Type
- 10. Date / Waybill Number
- 11. Shipper
- 12. Receiver Stamp

TO BE USED FOR SINGLE		NTS, CARLO	AD AND L	ESS CARLOAD	MARKED CAPA	CITY OF CAR
10 35942 3 B 9 0ROSS TARE	MET	ORDERED		NISHED	ORDERED	FURNISHED
STOP THIS CAR THAN STOP THIS CAR THAN STOP THIS CAR	Heren	1	1.	10	AYBILL NO.	
LAF	0	8/7/	/62	10	84911	1. 1
I AE			CONS	IGNEE AND ADD	DRESS AT STOP	
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AT STATION STATE OF P	ROV. FRO	M NO.		STATION		STATE
ALGOMA WISCONSIN		5172 1	AWRE	N CEBURO	G IND	17 1 - L ¹⁰ 8
and the second second second		Name of the	anar and	fer C O D #	nipments, Street,	Code No.
aute (Show each Junction and Carrier in Route order to desti- nation of waybill.)	OUTE Full	office Add	dress, and	for C.O.D. St Invoice Numb	ipments, street, ier	Code No.
BENTON HARBOR CO KEWAUNEE KOBS	w 💾	PIERS	SON H	OLLOWEL	L CO INC	
A HE	1					
how "A" If Agent's Repring or "5" if Shipper's Routing "154 M IECONSIGNED TO 51AJOK 55AJOK 55ATE OF F		gin and Date, ference and	, Original Routing W	Car, Transfer I Then Rebilled.	Freight Bill and Pre	vious Waybill
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GALGOMA PLYNOOD & VENEER CO	¢	S		AI LAV	WREN CEBUR	GIND
DOCK A ALGOMA WISC	0			Gross	83500	
inal Destination and Additional Routing	D	TOTAL		Tare	48300	
Dn C.L. TRAFFIC INSTRUCTIONS (Regarding Icing, Ventilation, Milling,	123	Pickup Serv	rice	Allowance	A10	· · · ·
Weighing, Etc. If Iced, Specify to Whom Icing Should be Charged.)	Yes	No		Net	35200	
	Rec	very Service uested No	10	If Charges an Write or Stat "TO BE PREF	re to be Prepaid, mp Here AID''	,
	Wh	an Shipper in	the United	d States Execu ding, insert "	tes the No-Recours	e Clause of
On L.C.L. Traffic Transfer Stamps to be Shown in This Space	Ind	cate by sym	bol in Colu	mn provided	* how weights	were obtained for s Tested Weights. tion or Minimum.
No. Description of Articles, Special Marks and Exceptions	* E	-Estimated- WEIGHT	Weigh a	reto		
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aught on No.			1	03	0130	2019/1817
Continued Austine Agent Will Drive Junction Stemps in Space and Order Provided. Additional Junction	Stemps and all Yard	Stamps to be Place	ed on Back Har	nt. 12	Destinat	on Agent Will
	THIRD JUNCTIC		ECUIPT	HJUNCTION	Stomp I	terein Station

TO BE USED FOR STYGLE CONSIGNM	CAR NUME	BER
AAR CLASS OF CAR ORDERED GM	LENGTH CAPY O CAR ORDERED	۶ 53'
to station state 33 STREET YARD, NY, NY	DATE 1/7/1	947
CONSIGNEE AND ADDRESS STEEL PLATFORM	Waybill Number 47011	04509
ROUTE show in route order	Indicate how weights we	ne obtained for L.C
PRR - NYC ON C L. TARFFC - Instructions Regarding Specify to When Jang Specific Charged	Stopsons only S Stopson k T - Tariff Charification R - Sailhold Scale E - S Stong Vicetimion, Milling Weig	Estimator
ON C L. TARAFFC - Instructions Regarding Specify to When Ising Stould be Charged NA STOP THIS CAR Rings	S- Supports T - Taniff Classification R - Ratificad Scale E-	Estimator
ON C L. TARAFFC - Instructions Regarding Specify to When I sing Specifie Charged NA STOP THIS CAR Blue AT	S Seger s T - Tanff Clastfeaton R - Ruitond Scall F - Sting Ventizion, Milling Weig	Entimatud Oring of Micod
DIC L TARFFC - Instructions Regarding Specify to Whom long Board to Charged NA STOP THIS CAR Blue AT DeW NO. PKGS. D	Stagers T - Tarif Classformer S Stong Ventision, Miling, Weig Island, II Vitt YARD, Syra ESCRIPTION OF ART	teing or Miced
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AR INITIAL	CAR NUMBER
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FOR I	HOME
illed from Team Track	c - 33rd Street Station
o or Via 72 nd Street	Yard, NY, NY R.R.
FOR LC	DADING
illed from	
0	
hipper	Spot
INSTRUCTIONS – accompany all empty be used in billing priv General Order Ten.	foreign cars and must

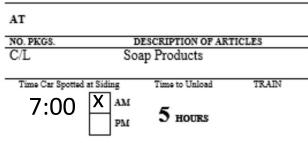
EM	PTY (CAR BI	LL
CAR INITIA	L	CAR NUMBER	
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To er Via	FOR LO	an or share and a second	0.999
Billed from To or Via Billed from	FOR LO	DADING	r

INSTRUCTIONS - This form must accompany all empty foreign cars and must be used in billing private line cars under General Order Ten.

Alternate "A" Side

540 New Yor FREIGHT	
CAR INITIAL	CAR NUMBER 1642239
AAR CLASS OF CAR ORDERED XM	LENGTH CAPY OF CAR ORDERED 40'
to station state Buffalo, NY	DATE 1/15/1947
CONSIGNEE AND ADDRESS FREIGHT HOUSE	Waybill Number 4701105582
ROUTE Show in fours order NYC	Indicate how weights were obtained for L.C.L. Supports only. 5-Supports T - Tatiff Classification or Minimum. R - Railroad Scale. E - Enterated. E
ONC L. TARIFFC - Instructions Regarding Icing, Specify to Wheen Icing Should be Charged.	Ventiution, Milling, Weighting, etc. Micod

STOP THIS CAR DeWitt YARD, Syracuse, NY



Loads can be generated inside a Yard or industry that will need a car to pick it up. On the New York Harbor the "FOR LOADING" portion of the "B" side is then filed out and placed into a load's waiting bill box.

The Yard master will then assign a car to the waybill and maneuver the empty car to the appropriate location to be load or clean if needed so it can be loaded.

Once the car is spotted at where it is to be loaded this side is crossed out and the car information is transferred to the other side.

With the car information transferred the time that the car was placed at the location is added and the clock starts for loading.

This car starts loading at 7:00 AM and will take 5 hours to load. This means that the car will be ready to send to Buffalo at 12:00 noon.

L	CAR BI	EMPTY C
	CAR NUMBER	CAR INITIAL PRR
40'	LENGTH CAPY OF CAR ORDERED	CAR ORDERED XM
ation	HOME	
ation		
R.R.	: – 33 rd Street S Yard, NY, NY	Billed from Team Track
	- 33 rd Street S	Billed from Team Track
	: – 33 rd Street S Yard, NY, NY	Billed from Team Track To or Via 72 nd Street FOR LC
	: – 33 rd Street S Yard, NY, NY	Billed from Team Track

This waybill is waiting for a car to be assigned to it so it can be placed on either a scheduled train or a extra.

With the assigning of this waybill to a Pennsylvania Railroad Mill Gondola Number 2319, it is placed on the active staging track and is ready to go out on Train JS-2 to 33rd Street Yard.

Once the car is place at the Steel Platform the arrival time is noted on the waybill. Then the clock starts to when the waybills actions are completed.

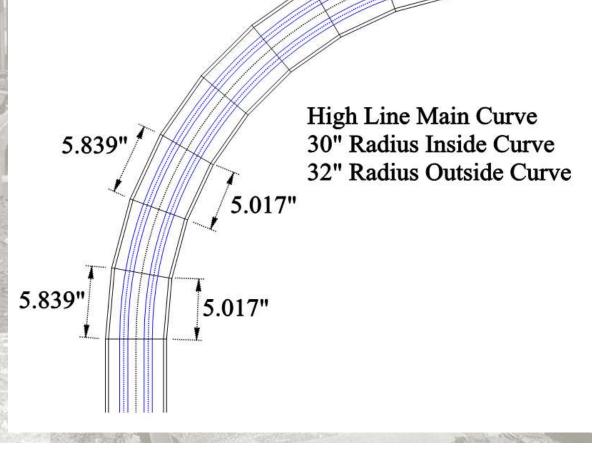
This car was placed at the siding a 3:30 PM. After 6:00 PM or 2 ½ Hours later the car has been unloaded and this waybill has been completed. The waybill is crossed our and the car information is transferred to the "B" side.

accompany all empty foreign cars and must be used in billing private line cars under General Order Ten.

Y. CENTRIA PARA

Current High Line Re-Construction.

The original High Line structures on the layout over 33rd Street was torn down on January 2010. I have started, with the much help from my work crews, to rebuild the High Line into a prototypic structure. The following is showing the progress of that work.



Current High Line Re-Construction.

1/8" Styrene







Current High Line Re-Construction.

Jay Held creating the channel to run the sub-buss.

Track Feeders

Current High Line Re-Construction.

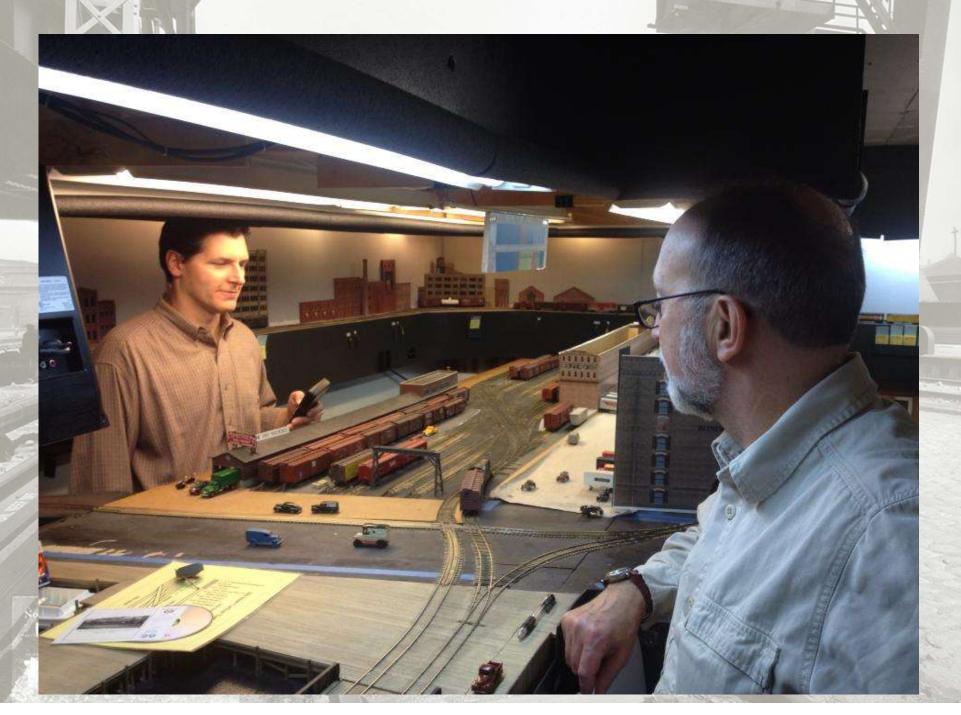
51 N

Current High Line Re-Construction.

As of November 17,2010

Current High Line Re-Construction.

Removable active staging deck.





Special Thanks to my work and operations crews! No Really

Craig Bisgeier Tom Callan Ted Dilorio Neil Henning Jay Held Ralph Heiss Ted Pamperin Phil Monat Ray Lewis Special Thanks to.

Y CENTRA

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