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Chief, Northeast District Office  
Ohio Environmental Protection Agency

Howard R. Maier, Executive Director  
Northeast Ohio Area-wide  
Coordinating Agency

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## NORTHEAST OHIO AREA-WIDE COORDINATING AGENCY

Serving all county, municipal and township governments in Cuyahoga, Geauga, Lake, Lorain and Medina Counties

# ENVIRONMENTAL DOCUMENT

January 30, 1998

Ms. Elaine K. Kaiser, Chief  
Surface Transportation Board  
Section of Environmental Analysis  
1925 K Street, NW  
Washington, DC 20423-0001



## RE: COMMENTS ON DRAFT EIS FOR PROPOSED CONRAIL ACQUISITION - FINANCE DOCKET NO. 33388

Dear Ms. Kaiser:

NOACA, as the Metropolitan Planning Organization (MPO) representing 2.1 million residents, five counties and 172 municipalities in Northeast Ohio, has reviewed the Draft Environmental Impact Statement (DEIS) produced as part of the Conrail acquisition. There are three broad categories of concern that the NOACA Governing Board requests that the Surface Transportation Board makes conditions for approval of the takeover.

1. The operating plan submitted by the railroads is not acceptable to the communities of Northeast Ohio. As a condition, before approval, NOACA requests that the Surface Transportation Board demand that both Norfolk Southern and CSXT negotiate with and find an operating plan that is acceptable to the City of Cleveland, the Ohio Rail Development Commission, Congressman Dennis Kucinich, Congressman Louis Stokes, Congressman Steve LaTourette, and the NOACA Governing Board.
2. After agreement on an acceptable operating plan, NOACA requests as a condition that the railroads negotiate with the affected communities, the State of Ohio and the NOACA Governing Board that appropriate protection, including some grade separations, be ensured for all grade crossings. Particular concern should be given to those crossings which have more than 8,000 vehicles per day on the roadway and more than 24 trains per day on the railroad.
3. Should the Surface Transportation Board approve the Conrail takeover, then the approval should be conditional on a plan of deliberate implementation with clearly identified steps, so that logistics and safety problems that have occurred in the western United States do not happen in Ohio.



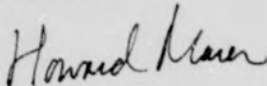
Ms. Elaine K. Kaiser, STB  
January 30, 1998  
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A Resolution of the NOACA Governing Board will be placed on the Agenda for the Board's next meeting on March 13. That resolution will be forwarded to the Surface Transportation Board upon adoption.

In addition, NOACA has an interest in commuter rail. We are in the midst of an ISTEA-funded study on its feasibility of commuter rail on existing tracks throughout northeast Ohio. Further, we are aware of issues and concerns raised by communities throughout northeast Ohio on matters of safety, pollution, noise, quality of life impacts, environmental justice, etc. We believe those issues, as well as the ones we raise, merit the consideration of the Surface Transportation Board too.

We appreciate the opportunity to express our concerns and trust this information will assist in your process. If we can be of assistance as your review continues, please call or write us.

Sincerely,



Howard R. Maier  
Executive Director

HRM/RE/3665s

c: Honorable Dennis Kucinich, U.S. Representative 10th District  
Honorable Louis Stokes, U.S. Representative 11th District  
Honorable Steven LaTourette, U.S. Representative 19th District  
Honorable Sherrod Brown, U.S. Representative 13th District  
Honorable Michael DeWine, U.S. Senator  
Honorable John Glenn, U. S. Senator  
Honorable Michael White, Mayor, City of Cleveland  
Thomas O'Leary, Executive Director, Ohio Rail Development Commission

Enclosures

## **Condition #1 -Revising the Operating Plan**

Since August of 1997 there has been a great amount of concern about the severe impacts of the proposed operating plan on the communities of Northeast Ohio. Addressing these concerns about safety, access and noise, a proposed alternative plan was submitted by Congressman Kucinich. The Congressman's plan involved changes to the Norfolk Southern operations.

In January of 1998 the Mayor of Cleveland proposed two alternatives to the operating plan. Both of these alternatives involved significant changes by both railroads. The Cleveland proposal was reported to cost an additional \$171 million.

Many communities are concerned about the impacts of changes in railroad operations. It would be unjust to approve a plan that places the adverse impacts on densely populated urban neighborhoods. It is likewise understood that the two railroads are in business to make profits. They are not public bodies or charities. Further, it is understood that the two railroads intend to be in competition with each other as well as with trucks, ships and any other freight carriers.

The condition that has been requested by NOACA is compatible with the request of Cleveland Mayor Michael White. The NOACA condition also acknowledges the role of the US Congress and the action already taken by Congressman Kucinich. An acceptable operating plan will be a plan that is accepted by the railroads, by the communities, by the state and by the NOACA Governing Board. Anything not acceptable to one or more of these parties should not be approved by the Surface Transportation Board.

## **Condition #2 - Protection or Separation of High Traffic Grade Crossings**

NOACA staff have assembled an extensive GIS-based analysis of all railroad crossings on the proposed mainlines in Northeast Ohio. Tables and maps are attached.

Norfolk Southern has proposed a response to earlier objections to its operating plan. The railroad proposed to move most of its through trains, from its line along the lakeshore communities, to the Conrail line through Berea, Olmsted Falls and Elyria which it will acquire. Examination of the revised proposal indicates that there will be 19 at-grade crossings with a highway traffic volume of at least 8000 vehicles per day and a train volume of at least 24 trains per day. (Estimates are over 38 trains per day.

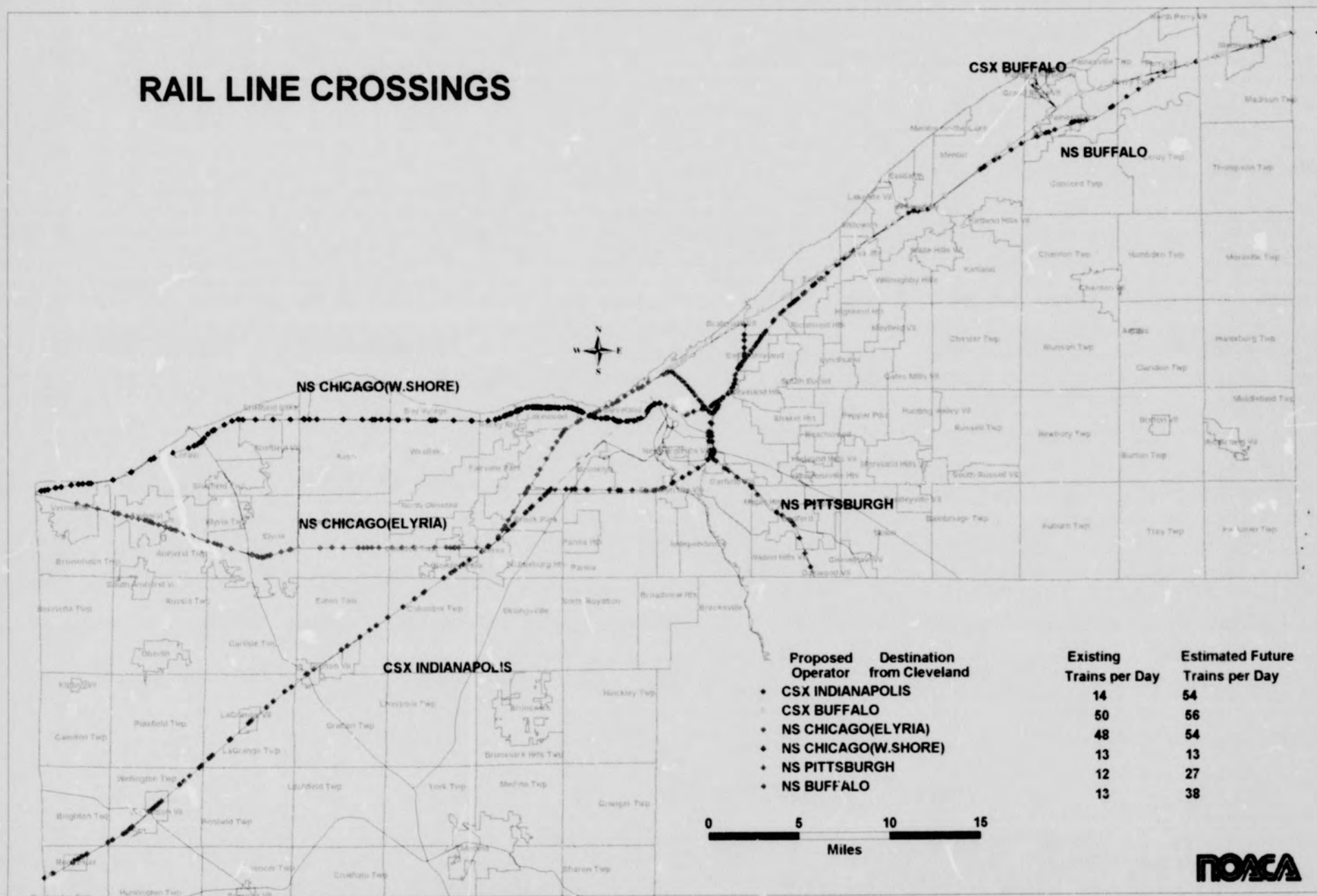
There are seven at-grade crossings which have two mainline railroads. One of them is in Cuyahoga County at Front Street in Berea. The other six are in Lake County. They are at Lloyd Road in Wickliffe, at East 305th Street in Willowick, at Erie Street in Willoughby, at Hopkins Road and Heisley Road in Mentor, and at Lake Road in Madison. Because of the added hazard of two sets of mainline tracks, all of these crossings should have protection with gates. Some of them have been proposed as grade separations.



### **Condition #3 - Deliberate Implementation of Conrail Takeover**

Many concerns have been raised about public safety when the Conrail takeover is complete. With train crews operating on unfamiliar tracks, with the large increase in hazardous materials that will be carried, with high train volumes on tracks that have not recently had high volumes, there are many possibilities for confusion which could lead to disaster. In the western United States, safety problems were so extensive that the Federal Railroad Administration sent safety teams more than once to investigate. The Governing Board of NOACA, speaking for over two million citizens, requests that if approval of the Conrail acquisition is granted, the Surface Transportation Board ensures that this transition is safe.

# RAIL LINE CROSSINGS



Proposed Operator	Destination from Cleveland
• CSX INDIANAPOLIS	
• CSX BUFFALO	
• NS CHICAGO(ELYRIA)	
• NS CHICAGO(W.SHORE)	
• NS PITTSBURGH	
• NS BUFFALO	

Existing Trains per Day	Estimated Future Trains per Day
14	54
50	56
48	54
13	13
12	27
13	38

0 5 10 15  
Miles

**NOCA**

# HIGH TRAFFIC RAILROAD CROSSINGS IN NORTHEAST OHIO

JURISDICTION	ROADWAY	DAILY TRAFFIC	FUTURE RAILROAD	FUTURE TRAIN TRAFFIC
Wellington	Ashland-Oberlin	9900	CSXT	54
Eaton Twp	Elyria-Twinsburg	8850	CSXT	54
Olmsted Falls	Columbia	9300	CSXT	54
Berea	Bagley	12450	CSXT	54
Berea	Front	11850	CSXT	54
			& NS	54
Brook Park	Engle		CSXT	54
Wickliffe	Lloyd	12450	CSXT	56
			& NS	38
Willowick	E 305th	16000	CSXT	56
			& NS	38
Willoughby	Erie	9950	CSXT	56
			& NS	38
Mentor	Hopkins	13000	CSXT	56
			& NS	38
Mentor	Heisley	12550	CSXT	56
			& NS	38
Madison	Lake	10350	CSXT	56
			& NS	38
Elyria	Abbe	14000	NS	54
North Ridgeville	SR 83	9800	NS	54
Olmsted Falls	Columbia	9600	NS	54
Euclid	Dille	14750	NS	38
Euclid	Chardon	8650	NS	38
Painesville Twp	Jackson	8700	NS	38
Painesville	Mentor	17700	NS	38

NOTE: Daily train traffic is estimated from NS revised proposal to reduce trains on NS route along lakeshore communities west of Cleveland.

# CSX INDIANAPOLIS

Existing Trains per Day 14

Estimated Future Trains per Day 54

Jurisdiction	Feature Intersected	Type of Intersection	If at-grade 1993 Count
Rochester Twp	STREAM	over river	water
Rochester Twp	GORE-ORPHANAGE ST	at-grade	250
Rochester Twp	BURSLEY RD	at-grade	local
Rochester	WEST ST	at-grade	local
Rochester	STATE ST	at-grade	1110
Rochester	WB BLACK RIVER	over river	water
Rochester	GRIGGS RD	at-grade	200
Rochester Twp	ANDERSON RD	at-grade	local
Wellington Twp	QUARRY RD	at-grade	150
Wellington Twp	STREAM	over river	water
Wellington Twp	CROSSING(PRIVATE)	at-grade	local
Wellington Twp	JONES RD	at-grade	300
Wellington Twp	CHRLMNT CREEK	over river	water
Wellington Twp	PITTS RD	at-grade	local
Wellington Vil	RAIL -RAIL CR	rail-to-rail	-----
Wellington Vil	MAGYAR ST	at-grade	local
Wellington Vil	HERRICK AVE	at-grade	7500
Wellington Vil	ASHLAND OBERLIN RD	at-grade	9900
Wellington Vil	CLAY ST	at-grade	local
Wellington Vil	BARKER ST	at-grade	local
Wellington Twp	HAWLEY RD	at-grade	local
Wellington Twp	PECK-WADSWORTH RD	at-grade	local
Wellington Twp	WELLINGTON CREEK	over river	water
Pittsfield Twp	WEBSTER RD	at-grade	700
Pittsfield Twp	STREAM	over river	water
LaGrange Twp	STREAM	over river	water
LaGrange Twp	NICKLE PLATE RD	at-grade	1350
LaGrange Twp	WHITEHEAD ST	at-grade	local
LaGrange Twp	STREAM	over river	water
LaGrange Twp	WHITNEY RD	at-grade	1600
LaGrange Vil	LAGRANGE RD	at-grade	4050
LaGrange Vil	SR303 MAIN ST	at-grade	3000
LaGrange Twp	WHEELER RD	at-grade	local
LaGrange Twp	BIGGS RD	at-grade	local
LaGrange Twp	INDIAN-HOLLOW RD	at-grade	2500
LaGrange Twp	CROOK RD	at-grade	local
Grafton Vil	BLACK RIVER	over river	water
Grafton Vil	CSX RAIL CR	rail-to-rail	-----
Grafton Vil	MAIN ST	at-grade	3650
Grafton Vil	ELM ST	at-grade	1250
Eaton Twp	AVON-BELDEN RD	at-grade	5700
Eaton Twp	STREAM	over river	water
Eaton Twp	ISLAND RD	at-grade	2250
Eaton Twp	REED RD	at-grade	local

Eaton Twp	SR82 ELYRIA TWNSB	at-grade	8850
Columbia Twp	HAWKE RD	at-grade	2050
Columbia Twp	ROOT RD	at-grade	1200
Columbia Twp	STATION RD	at-grade	1950
Columbia Twp	OSBORNE RD	at-grade	400
Columbia Twp	JAUQUAY RD	at-grade	local
Columbia Twp	PLUM CREEK	over river	water
Columbia Twp	SPRAGUE RD	at-grade	6800
Olmsted Falls	COLUMBIA RD	at-grade	9300
Olmsted Falls	I 80 TURNPIKE	over road	-----
Olmsted Falls	ROCKY RIVER	over river	water
Olmsted Falls	CATTLE PASS	over road	-----
Olmsted Falls	WEST RD	at-grade	2400
Berea	BAGLEY RD	at-grade	12450
Berea	ROCKY RIVER	over river	water
Berea	ROCKY RIVER DR	over road	-----
Berea	FRONT ST	at-grade	11850
Berea	EASTLAND RD	over road	-----
Brook Park	LAKE CREEK	over river	water
Brook Park	HOLLAND RD	at-grade	2950
Brook Park	SNOW RD	under road	-----
Brook Park	ENGLE RD	at-grade	10200
Brook Park	I 71	under road	-----
Brook Park	HUMMEL RD	at-grade	4700
Brook Park	HARNTON DITCH	over road	-----
Brook Park	SMITH RD	over road	-----
Cleveland	BROOKPARK RD	over road	-----
Cleveland	I 480	under road	-----
Cleveland	RR CROSSING	rail-to-rail	-----
Cleveland	HARINGTON DITCH	rail-to-rail	-----
Cleveland	W130TH ST	over road	-----
Cleveland	RR CROSSING	rail over rail	-----
Cleveland	I480	under road	-----
Brooklyn	TIEDEMAN RD	over road	-----
Brooklyn	BIG CREEK	over river	water
Brooklyn	RIDGE RD	over road	-----
Cleveland	PEARL RD	under road	-----
Cleveland	WATERWAY	over river	water
Cleveland	SR 94/STATE RD	under road	-----
Cleveland	BROADVIEW RD	under road	-----
Cleveland	CREEK	over river	water
Cleveland	I480	over road	-----
Brooklyn Hts Vil	SCHAAF RD	under road	-----
Brooklyn Hts Vil	SCHAAF LN	over road	-----
Brooklyn Hts Vil	CSX RR	rail-to-rail	-----
Cuyahoga Hts Vil	CUYAHOGA RV	over river	water
Cuyahoga Hts Vil	E49TH ST	over road	-----
Cuyahoga Hts Vil	I77	over road	-----
Cuyahoga Hts Vil	E71ST ST	under road	-----
Cleveland	MILL CREEK	over river	water
Cleveland	BROADWAY AVE	under road	-----



Cleveland	HARVARD AVE	under road	-----
Cleveland	CANNON AVE	under road	-----
Cleveland	BOOTH AVE	under road	-----
Cleveland	RR CROSSING	rail over rail	-----
Cleveland	RICHMOND AVE	under road	-----
Cleveland	RR CROSSING	rail over rail	-----
Cleveland	AETNA RD	under road	-----
Cleveland	UNION AVE	under road	-----
Cleveland	BESSEMER RD	under road	-----
Cleveland	KINSMAN RD	under road	-----
Cleveland	HOLTON AVE	over road	-----
Cleveland	RAPID TR RR	rail-to-rail	-----
Cleveland	RR CROSSING	rail over rail	-----
Cleveland	BUCKEYE RD	over road	-----
Cleveland	STEINWAY AVE	over road	-----
Cleveland	YEAHEL AVE	over road	-----
Cleveland	CUMBERLAND AVE	over road	-----
Cleveland	WOODLAND AVE	over road	-----
Cleveland	QUINCY AVE	over road	-----
Cleveland	STOKES BLVD	under road	-----
Cleveland	MLK BLVD	over road	-----
Cleveland	CEDAR RD	over road	-----
Cleveland	ADELBERT RD	under road	-----
Cleveland	CORNELL RD	under road	-----
Cleveland	MAYFIELD RD	over road	-----
Cleveland	EUCLID AVE	over road	-----
East Cleveland	LAKEVIEW RD	over road	-----
East Cleveland	AUBURNDALE AVE	over road	-----
East Cleveland	HOWER AVE	over road	-----
East Cleveland	DELMONT AVE	over road	-----
East Cleveland	ELBERON AVE	over road	-----
East Cleveland	CARLYON AVE	over road	-----
East Cleveland	LOCKWOOD AVE	over road	-----
East Cleveland	SUPERIOR AVE	over road	-----
East Cleveland	EDDY RD	over road	-----
East Cleveland	LAKEFRONT AVE	over road	-----
East Cleveland	ARLINGTON AVE	over road	-----
East Cleveland	SHAW AVE	over road	-----
East Cleveland	ST CLAIR AVE	over road	-----
Cleveland	COIT RD	over road	-----



# CSX BUFFALO

Existing Trains per Day 50

Estimated Future Trains per Day 56

Jurisdiction	Feature Intersected	Type of Intersection	If at-grade 1993 Count
Cleveland	I 90	over road	-----
Cleveland	E38TH ST	at-grade	local
Cleveland	E40TH ST	at-grade	1550
Cleveland	E49TH ST	at-grade	local
Cleveland	MARQUETTE ST	at-grade	local
Cleveland	E55TH ST	over road	-----
Cleveland	E72ND ST	over road	-----
Cleveland	MLK BLVD	over road	-----
Cleveland	E105TH ST	over road	-----
Cleveland	DUGWAY CREEK	over river	water
Cleveland	EDDY RD	under road	-----
Cleveland	COIT RD	at-grade	local
Cleveland	CR C.S.L.	rail-to-rail	-----
Cleveland	RR CROSSING	rail-to-rail	-----
Cleveland	E140TH ST	over road	-----
Cleveland	E152ND ST	under road	-----
Cleveland	CROSSING(PRIVATE)	at-grade	local
Cleveland	NOTTINGHAM RD	over road	-----
Cleveland	EUCLID CREEK	over river	water
Cleveland	NEFF RD	over road	-----
Euclid	E200TH ST	over road	-----
Euclid	E222 ST	over road	-----
Euclid	BABB'T RD	over road	-----
Euclid	E260TH ST	over road	-----
Euclid	I90	under road	-----
Wickliffe	LLOYD RD	at-grade	12450
Wickliffe	WARDEN RD	over road	-----
Willowick	E305TH ST	at-grade	16000
Eastlake	SR91 SOM CENTER RD	under road	-----
Eastlake	BEIDLER RD E361TH ST	at-grade	local
Willoughby	VINE ST	over road	-----
Willoughby	ERIE ST	at-grade	9950
Willoughby	CHAGRIN RIVER	over river	water
Willoughby	PELTON RD	at-grade	5100
Mentor	SR306 REYNOLDS RD	over road	-----
Mentor	SR615 CENTER ST	under road	-----
Mentor	HOPKINS RD	at-grade	13000
Mentor	HEISLEY RD	at-grade	12550
Painesville Twp	SR44	under road	-----
Painesville	NEWELL ST	at-grade	1250
Painesville	RICHMOND ST	over road	-----
Painesville	STATE ST	over road	-----
Painesville	ELM ST	at-grade	2450
Painesville	FOBES ST	at-grade	local

Painesville	GRAND RIVER	over river	water
Painesville Twp	US20	over road	-----
Painesville Twp	NS RR	rail-to-rail	-----
Painesville Twp	BOWHALL RD	at-grade	3400
Painesville Twp	PARK RD	at-grade	local
Perry Twp	LANE RD	at-grade	3450
Perry Twp	CROSSING(PRIVATE)	at-grade	local
Perry Vil	MAPLE ST	at-grade	650
Perry Vil	MAIN ST	at-grade	1550
Perry Twp	DAVIS RD	at-grade	local
Perry Twp	MCMACKIN CREEK	over river	water
Perry Twp	TOWN LINE RD	at-grade	local
Madison Twp	WOOD RD	at-grade	700
Madison Twp	CROSSING(PRIVATE)	at-grade	local
Madison Twp	CROSSING(PRIVATE)	at-grade	local
Madison Twp	CROSSING(PRIVATE)	at-grade	local
Madison Vil	DAYTON RD	at-grade	local
Madison Vil	ARCOLA CREEK	over river	water
Madison Vil	LAKE ST	at-grade	10350
Madison Twp	BATES RD	at-grade	local
Madison Twp	ARCOLA CREEK	over river	water
Madison Twp	COUNTY LINE RD	at-grade	1600

# NS CHICAGO (ELYRIA)

Existing Trains per Day 48

Estimated Future Trains per Day 54

Jurisdiction	Feature Intersected	Type of Intersection	If at-grade 993 Count
Vermilion	SUNNYSIDE RD	at-grade	1700
Vermilion	SHEPARD CREEK	over river	water
Vermilion	CLAUSS RD	over road	-----
Vermilion	BAUMHART RD	over road	-----
Brownhelm Twp	COOPER FOSTER PK RD	at-grade	450
Amherst	CROSSE RD	at-grade	local
Amherst	SR2	under road	-----
Amherst	QUARRY RD	under road	-----
Amherst	MILLERS RD	at-grade	local
Amherst	LAKE ST	over road	-----
Amherst	MILAN ST	over road	-----
Amherst	BEAVER CREEK	over river	water
Amherst	MAIN ST	over road	-----
Amherst	CHURCH ST	over road	-----
Amherst	WEST AVE	over road	-----
Amherst	JACKSON ST	under road	-----
Amherst Twp	SR58 (LEAVITT RD)	under road	-----
Amherst Twp	STREAM	over river	water
Amherst Twp	DEWEY RD	at-grade	local
Amherst Twp	MIDDLE RIDGE RD	under road	-----
Amherst Twp	NS RAIL	rail-to-rail	-----
Amherst Twp	OBERLIN RD	at-grade	2500
Amherst Twp	WILLOW CREEK	over river	water
Amherst Twp	I 80	under road	-----
Elyria	W RIDGE RD	at-grade	4200
Elyria	CROSSING(PRIVATE)	at-grade	local
Elyria	SR113 (MILAN-ELYRIA	under road	-----
Elyria	MURRAY RIDGE RD	at-grade	4100
Elyria	OLD SR113 (LOWELL)	under road	-----
Elyria	W RIVER ST	over road	-----
Elyria	BLACK RIVER	over river	water
Elyria	CHESTNUT ST	over road	-----
Elyria	WEST AVE	over road	-----
Elyria	LAKE AVE (LODI)	over road	-----
Elyria	WASHINGTON AVE	over road	-----
Elyria	EAST AVE	over road	-----
Elyria	CEDAR ST	over road	-----
Elyria	E BR BLACK RIVER	over river	water
Elyria	E BRIDGE ST	over road	-----
Elyria	OLIVE ST	at-grade	5250
Elyria	ABBE RD	at-grade	14000
Elyria	SR57 / S EAST BYPASS	under road	-----
North Ridgeville	RACE RD	at-grade	3100
North Ridgeville	MADDOCK RD	at-grade	3650

North Ridgeville	ROADWAY DITCH	over road	-----
North Ridgeville	SR83	at-grade	9800
North Ridgeville	ROOT RD	at-grade	4700
North Ridgeville	SREAM (WATERWAY)	over river	water
North Ridgeville	CHESTNUT RIDGE RD	at-grade	1500
North Ridgeville	SR10	under road	-----
North Ridgeville	LORAIN RD	under road	-----
North Ridgeville	I 80	under road	-----
Olmsted Twp	BRONSON RD	at-grade	local
Olmsted Twp	CROSSING(PRIVATE)	at-grade	local
Olmsted Twp	STEARNS RD	at-grade	5650
Olmsted Twp	FITCH RD	at-grade	5000
Olmsted Falls	MAPLEWAY DR	at-grade	2200
Olmsted Falls	BROOKSIDE DR	at-grade	local
Olmsted Falls	COLUMBIA RD	at-grade	9600
Olmsted Falls	ROCKY RIVER	over river	water
Olmsted Twp	LEWIS RD	at-grade	3100
Berea	CROSSING(PRIVATE)	at-grade	local
Berea	ROCKY RIVER	over river	water
Berea	ROCKY RIVER DR	over road	-----
Berea	FRONT ST	at-grade	11850
Berea	SHELDON RD	at-grade	6050
Brook Park	ABRAHAM CREEK	over river	water
Brook Park	EASTLAND RD	at-grade	7750
Brook Park	SNOW RD	over road	-----
Brook Park	BROOKPARK RD	over road	-----
Cleveland	I 480	under road	-----
Cleveland	I 71 WB	under road	-----
Cleveland	I 71 EB	under road	-----
Cleveland	PURITAS AVE	over road	-----
Cleveland	I 71	under road	-----
Cleveland	W150TH ST	under road	-----
Cleveland	LORAIN RD	over road	-----
Cleveland	W140TH ST	under road	-----
Cleveland	TRISKETT RD	under road	-----
Cleveland	I 90	under road	-----
Lakewood	LAKWOOD HIGHTS BLVD	under road	-----
Cleveland	W117TH ST	over road	-----
Cleveland	MADISON AVE	over road	-----
Cleveland	DETROIT AVE	over road	-----
Cleveland	WEST BLVD	over road	-----
Cleveland	W95TH ST	over road	-----
Cleveland	LAKE AVE	over road	-----
Cleveland	FOOT SUBWAY	over road	-----
Cleveland	FOOT SUBWAY	over road	-----
Cleveland	WEST SHOREWAY	over road	-----
Cleveland	DRY DOCK RD	over road	-----
Cleveland	CR ORE DOCK	rail-to-rail	-----
Cleveland	CUYAHOGA RIVER	over river	water
Cleveland	W9TH ST	under road	-----
Cleveland	W3RD ST	under road	-----

Cleveland  
Cleveland

MAIN AVE BRIDGE  
E9TH ST

under road  
under road

-----  
-----



## NS CHICAGO (WESTSHORE)

Existing Trains per Day 13

Estimated Future Trains per Day 13

Jurisdiction	Feature Intersected	Type of Intersection	If at-grade 993 Count
Vermilion	CROSSING(PRIVATE)	at-grade	local
Vermilion	CROSSING(PRIVATE)	at-grade	local
Vermilion	CROSSING(PRIVATE)	at-grade	local
Vermilion	LAKE RD	under road	-----
Vermilion	OVERLOOK RD	at-grade	local
Vermilion	WOODSIDE AVE	at-grade	local
Vermilion	PRIVATE RD	at-grade	local
Vermilion	HELEN DR	at-grade	local
Vermilion	WATERWAY	over river	water
Vermilion	SHEPHERDS RUN	over road	-----
Lorain	SUGAR RUN	over road	-----
Lorain	BEAVER CREEK	over river	water
Lorain	PRIVATE ST	at-grade	local
Lorain	MARTIN RUN	over road	-----
Lorain	SR6 & SR2 (ERIE AVE	over road	-----
Lorain	LEAVITT RD	at-grade	8950
Lorain	OBERLIN AVE	at-grade	11350
Lorain	WASHINGTON ST	at-grade	4600
Lorain	LONG ST	at-grade	local
Lorain	BROADWAY AVE	under road	-----
Lorain	REID AVE	at-grade	3650
Lorain	BLACK RIVER	over river	water
Lorain	COLORADO AVE	at-grade	8150
Lorain	ROAD & PEDESTRIAN	over road	-----
Lorain	KANSAS AVE	at-grade	4850
Lorain	MISSOURI AVE	at-grade	3800
Lorain	EUCLID AVE	at-grade	2300
Lorain	ROOT RD	at-grade	3150
Sheffield Vil	GYPSUM CO SPUR	at-grade	local
Sheffield Vil	LAKE BREEZE RD	at-grade	4650
Sheffield Vil	HARRIS RD	at-grade	5100
Sheffield Vil	ABBE RD	over road	9050
Avon Lake	FORD TRACK	rail-to-rail	-----
Avon	MILLER RD	at-grade	6400
Avon	CEI COMPANY	rail-to-rail	-----
Avon Lake	MOORE RD	at-grade	7250
Avon	AVON BELDEN RD	at-grade	10750
Avon	JAYCOX RD	at-grade	2850
Avon	NAGLE RD	at-grade	2400
Avon	CROSSING(PRIVATE)	at-grade	local
Avon	CROSSING(PRIVATE)	at-grade	local
Avon	CROSSING(PRIVATE)	at-grade	local
Bay Village	WATERWAY	over river	water
Bay Village	BRADLEY RD	at-grade	8100



Bay Village	BASSETT RD	at-grade	5300
Bay Village	CAHOON RD	at-grade	3350
Bay Village	CAHOON CREEK	over river	water
Bay Village	DOVER CENTER RD	at-grade	9500
Bay Village	COLUMBIA RD	at-grade	12700
Westlake	CLAGUE RD	under road	-----
Westlake	DOVER CREEK	over river	water
Rocky River	WATERWAY	over river	water
Rocky River	ELMWOOD RD	at-grade	local
Rocky River	WAGAR RD	at-grade	3950
Rocky River	MOREWOOD PKY	at-grade	local
Rocky River	SMITH COURT	over road	-----
Rocky River	LINDA ST	at-grade	2750
Rocky River	"RAMP "B""	under road	-----
Rocky River	BLOUNT STREET	over road	-----
Lakewood	ROCKY RIVER	over river	water
Lakewood	SLOANE SUBWAY	over road	-----
Lakewood	VISTA STREET FOOT BR	under road	-----
Lakewood	W CLIFTON BLVD	over road	-----
Lakewood	WEBB RD	at-grade	local
Lakewood	GRANGER AVE	at-grade	local
Lakewood	BONNIEVIEW AVE	at-grade	local
Lakewood	EDWARDS AVE	at-grade	local
Lakewood	ETHEL AVE	at-grade	local
Lakewood	HALL AVE	at-grade	local
Lakewood	WESTLAKE AVE	at-grade	local
Lakewood	CRANFORD AVE	at-grade	local
Lakewood	BROCKLEY AVE	at-grade	local
Lakewood	SUMMIT AVE	at-grade	1250
Lakewood	LAKELAND AVE	at-grade	local
Lakewood	ANDREWS AVE	at-grade	local
Lakewood	GLADYS AVE	at-grade	local
Lakewood	COOK AVE	at-grade	local
Lakewood	WARREN RD	at-grade	5850
Lakewood	ST CHARLES AVE	at-grade	local
Lakewood	BELLE AVE	at-grade	3400
Lakewood	MARLOWE AVE	at-grade	local
Lakewood	MANOR PARK AVE	at-grade	local
Lakewood	BUNTS RD	at-grade	5450
Lakewood	GIEL AVE	at-grade	local
Lakewood	NICHOLSON AVE	at-grade	local
Lakewood	THOREAU RD	at-grade	local
Lakewood	COVE AVE	at-grade	local
Lakewood	BEACH AVE	at-grade	local
Lakewood	FRY AVE	at-grade	local
Lakewood	HIRD AVE	at-grade	local
Cleveland	W117TH ST	at-grade	12750
Cleveland	W116TH ST	at-grade	local
Cleveland	W114TH ST	at-grade	local
Cleveland	W112TH ST	at-grade	local
Cleveland	W111TH ST	at-grade	local

Cleveland	W110TH ST	at-grade	3550
Cleveland	CONRAIL	rail-to-rail	-----
Cleveland	DETROIT AVE	under road	-----
Cleveland	W96TH ST	under road	-----
Cleveland	W85TH ST	under road	-----
Cleveland	W79TH ST FOOT BRIDGE	under road	-----
Cleveland	W77TH ST	under road	-----
Cleveland	W74TH ST	under road	-----
Cleveland	W65TH ST	under road	-----
Cleveland	MADISON AVE	under road	-----
Cleveland	W61ST FOOT BRIDGE	under road	-----
Cleveland	LORAIN RD	under road	-----
Cleveland	W58TH ST	under road	-----
Cleveland	W53RD ST	under road	-----
Cleveland	W44TH ST	under road	-----
Cleveland	W41TH ST	under road	-----
Cleveland	PEDESTRIAN ACCESS	under road	-----
Cleveland	FULTON RD	under road	-----
Cleveland	RTA RAPID TRANS	rail to rail	-----
Cleveland	WALWORTH AVE	over road	-----
Cleveland	W25TH ST	under road	-----
Cleveland	WILLEY AVE	over road	-----
Cleveland	SCRANTON RD	over road	-----
Cleveland	ABBAY AVE	under road	-----
Cleveland	CUYAHOGA RIVER	over river	water
Cleveland	I90	under road	-----
Cleveland	W3RD ST	over road	-----
Cleveland	CANAL RD	over road	-----
Cleveland	WATERWAY	over river	water

## NS PITTSBURGH

Existing Trains per Day 12

Estimated Future Trains per Day 27

Jurisdiction	Feature Intersected	Type of Intersection	If at-grade 93 Count
Cleveland	E26TH ST	at-grade	4000
Cleveland	I90	over road	-----
Cleveland	E33RD ST	over road	-----
Cleveland	HAMILTON AVE	over road	-----
Cleveland	ST CLAIR AVE	over road	-----
Cleveland	SUPERIOR AVE	over road	-----
Cleveland	PAYNE AVE	over road	-----
Cleveland	E40TH ST	over road	-----
Cleveland	HOUGH AVE	over road	-----
Cleveland	PERKINS AVE	over road	-----
Cleveland	CHESTER AVE	over road	-----
Cleveland	EUCLID AVE	over road	-----
Cleveland	SUBWAYFRT ST	over road	-----
Cleveland	CARNEGIE AVE	over road	-----
Cleveland	CEDAR AVE	over road	-----
Cleveland	PED TUNNEL	over road	-----
Cleveland	CENTRAL AVE	over road	-----
Cleveland	E71ST ST	over road	-----
Cleveland	PLATT AVE	over road	-----
Cleveland	WOODLAND AVE	over road	-----
Cleveland	E79TH ST	over road	-----
Cleveland	NS RR	rail-to-rail	-----
Cleveland	GRAND AVE	over road	-----
Cleveland	HOLTON AVE	over road	-----
Cleveland	RTA CROSSING	at-grade	local
Cleveland	KINSMAN RD	under road	-----
Cleveland	BESSEMER RD	at-grade	1400
Cleveland	CROSSING	rail-to-rail	-----
Cleveland	UNION AVE	under road	-----
Cleveland	AETNA RD	at-grade	4300
Cleveland	NS CROSSING	rail to rail	-----
Cleveland	BOOTH AVE	over road	-----
Cleveland	HARVARD AVE	over road	-----
Cleveland	BROADWAY AVE	over road	-----
Cleveland	WARNER RD	under road	-----
Cleveland	E93RD ST/BROADWAY	under road	-----
Garfield Hts	MILL CREEK	over river	water
Garfield Hts	MILL CREEK	over river	water
Garfield Hts	BROADWAY AVE	under road	-----
Garfield Hts	MILL CREEK	over river	water
Garfield Hts	MCCRACKEN RD	at-grade	3750
Maple Hts	I480	under road	-----
Maple Hts	SR 17/LIBBY RD	under road	-----
Maple Hts	ROCKSIDE RD	under road	-----

Bedford	WOOD CREEK	over river	water
Bedford	W. GLENDALE	at-grade	local
Bedford	W. GRACE ST	at-grade	6300
Bedford	POWERS RD	over road	-----
Bedford	EGBERT RD	under road	-----
Walton Hills Vil	NORTHFIELD RD	under road	-----
Walton Hills Vil	ALEXANDER RD	over road	-----

# NS BUFFALO

Existing Trains per Day 13

Estimated Future Trains per Day 38

Jurisdiction	Feature Intersected	Type of Intersection	If at-grade 1993 Count
Cleveland	BROADWAY AVE	under road	-----
Cleveland	E34TH ST	under road	-----
Cleveland	E37TH ST	over road	-----
Cleveland	I77	under road	-----
Cleveland	CROSSING(PRIVATE)	at-grade	local
Cleveland	E55TH ST	under road	-----
Cleveland	KINSMAN RD	under road	-----
Cleveland	E75TH ST	under road	-----
Cleveland	CROSSING(PRIVATE)	at-grade	local
Cleveland	E79TH ST	under road	-----
Cleveland	BUCKEYE RD	under road	-----
Cleveland	WOODLAND AVE	under road	-----
Cleveland	89TH ST	under road	-----
Cleveland	E93RD ST	under road	-----
Cleveland	CROSSING(PRIVATE)	at-grade	local
Cleveland	QUINCY AVE	under road	-----
Cleveland	E105TH ST	under road	-----
Cleveland	CONRAIL RR	rail-to-rail	-----
Cleveland	STOKES BLVD	under road	-----
Cleveland	MLK BLVD	under road	-----
Cleveland	CEDAR RD	over road	-----
Cleveland	ADELBERT RD	under road	-----
Cleveland	CORNELL RD	under road	-----
Cleveland	MAYFIELD RD	over road	-----
Cleveland	EUCLID AVE	over road	-----
East Cleveland	LAKEVIEW AVE	over road	-----
East Cleveland	AUBURNDALE AVE	over road	-----
East Cleveland	HOWER AVE	over road	-----
East Cleveland	DELMONT AVE	over road	-----
East Cleveland	ELBERON AVE	over road	-----
East Cleveland	CARLYON RD	over road	-----
East Cleveland	LOCKWOOD AVE	over road	-----
East Cleveland	SUPERIOR AVE	over road	-----
East Cleveland	WATERWAY	over river	water
East Cleveland	EDDY RD	over road	-----
East Cleveland	LAKEFRONT AVE	over road	-----
East Cleveland	HOLYOKE AVE	over road	-----
East Cleveland	ELSINORE AVE	over road	-----
East Cleveland	RTA ROADWAY	rail-to-rail	-----
East Cleveland	DOAN AVE	over road	-----
East Cleveland	NORTHFIELD RD	over road	-----
East Cleveland	STRATHMORE AVE	over road	-----
East Cleveland	SHAW AVE	over road	-----
East Cleveland	COIT AVE	over road	-----



East Cleveland	COLLAMER ST	over road	-----
East Cleveland	NOBLE RD	over road	-----
East Cleveland	CROSSING(PRIVATE)	at-grade	local
Cleveland	WATERWAY	over river	water
East Cleveland	IVANHOE RD	over road	-----
Cleveland	LONDON RD	at-grade	3050
Cleveland	WAYSIDE RD	at-grade	1300
Euclid	WATERWAY	over river	water
Cleveland	CROSSING(PRIVATE)	at-grade	local
Euclid	CROSSING(PRIVATE)	at-grade	local
Euclid	CROSSING(PRIVATE)	at-grade	local
Euclid	DILLE RD	at-grade	14750
Euclid	EUCLID CREEK	over river	water
Euclid	CROSSING(PRIVATE)	at-grade	local
Euclid	CHARDON RD	at-grade	8650
Euclid	CROSSING(PRIVATE)	at-grade	local
Euclid	CROSSING(PRIVATE)	at-grade	local
Euclid	CROSSING(PRIVATE)	at-grade	local
Euclid	E222ND ST	over road	-----
Euclid	CROSSING(PRIVATE)	at-grade	local
Euclid	CROSSING(PRIVATE)	at-grade	local
Euclid	CROSSING(PRIVATE)	at-grade	local
Euclid	CROSSING(PRIVATE)	at-grade	local
Euclid	BABBITT RD	over road	-----
Euclid	E260TH ST	over road	-----
Euclid	CROSSING(PRIVATE)	at-grade	local
Euclid	I90	under road	-----
Wickliffe	DEPOT RD	at-grade	local
Wickliffe	LLOYD RD	at-grade	8750
Wickliffe	CROSSING(PRIVATE)	at-grade	local
Wickliffe	CROSSING(PRIVATE)	at-grade	local
Wickliffe	WARDEN RD	over road	-----
Willowick	E305TH ST	at-grade	16000
Willoughby	SR91 SOM CENTER RD	under road	-----
Willoughby	BEIDLER RD	at-grade	local
Willoughby	VINE ST	over road	-----
Willoughby	CHURCH ST	at-grade	local
Willoughby	ERIE ST	at-grade	9950
Willoughby	CHAGRIN RV	over river	water
Willoughby	PELTON RD	at-grade	5100
Mentor	SR306 REYNOLDS RD	over road	-----
Mentor	CENTER ST	under road	-----
Mentor	HART ST	at-grade	local
Mentor	MAPLE ST	at-grade	local
Mentor	STATION ST	at-grade	3450
Mentor	PATTERSON DR	at-grade	local
Mentor	HOPKINS RD	at-grade	13000
Mentor	HEISLEY RD	at-grade	12550
Mentor	HEISLEY CREEK	over river	water
Painesville Twp	JACKSON ST	at-grade	8700
Painesville	MENTOR AVE	at-grade	17700



Painesville	SR 44	over road	-----
Painesville	CHESTNUT ST	at-grade	5450
Painesville	LIBERTY ST	at-grade	5950
Painesville	CROSSING(PRIVATE)	at-grade	local
Painesville	HOYT ST	at-grade	local
Painesville	STATE ST	at-grade	4050
Painesville	BANK ST	at-grade	4150
Painesville	SR84 WALNUT ST	over road	-----
Painesville	RIVERSIDE DR	at-grade	local
Painesville Twp	MADISON AVE	at-grade	3700
Painesville Twp	PARK RD	at-grade	local
Perry Twp	LANE RD	at-grade	1550
Perry Twp	KEENER RD	at-grade	local
Perry Twp	SHEPPARD RD	at-grade	2450
Perry Vil	MAPLE ST	at-grade	650
Perry Vil	MAIN ST	at-grade	1550
Perry Twp	DAVIS RD	at-grade	local
Perry Twp	MCMACKIN CREEK	over river	water
Madison Twp	TOWN LINE RD	at-grade	local
Madison Twp	WOOD RD	at-grade	700
Madison Twp	CROSSING(PRIVATE)	at-grade	local
Madison Twp	CROSSING(PRIVATE)	at-grade	local
Madison Twp	CROSSING(PRIVATE)	at-grade	local
Madison Vil	DAYTON RD	at-grade	local
Madison Vil	LAKE ST	at-grade	10350
Madison Vil	SAFFORD ST	at-grade	local
Madison Vil	BATES RD	at-grade	local
Madison Twp	ARCOLA CREEK	over river	water
Madison Twp	CROSSING(PRIVATE)	at-grade	local
Madison Twp	COUNTY LINE RD	at-grade	1600

## **CURRENT STATUS OF NOACA'S COMMUTER RAIL STUDY**

Attached drawing shows all of the rail corridors considered in the initial screening of commuter rail. At the January 22, 1998 NOACA Transportation Advisory Committee meeting, it was recommended to the Governing Board that the corridors screened by the NOACA Commuter Rail Advisory Committee be selected for full feasibility analysis. See attached map and table. The feasibility of commuter rail is closely related to the operating plan ultimately chosen for northeast Ohio.

## NOACA Commuter Rail Advisory Committee

### Results of Phase I Screening Analysis

Corridors/Alignments recommended for Full Feasibility Analysis:

1a/b. Lake West	Cleveland - Lorain (Sandusky)	NS
2a. West	Cleveland - Elyria (Oberlin)	CR (NS)
3b. Southwest	Cleveland - Medina	CSX
3c. Southwest	Cleveland - Medina	I-71
4d. South	Cleveland - Akron	CR/Sum
4e. South	Cleveland - Akron	WLE/Sum
4f. South	Cleveland - Akron	Randall/WLE
4k. South	Akron - Canton	Sum
6a. East	Cleveland - Aurora	Randall
7. Lake East	Cleveland - Ashtabula (Conneaut)	CR (CSX)/NS
9b/c. Outer Crescent	Wadsworth - Akron - Kent	CR/Sum
Cleveland CBD	North Coast Transportation Center	
Cleveland CBD	Location close to Tower City	

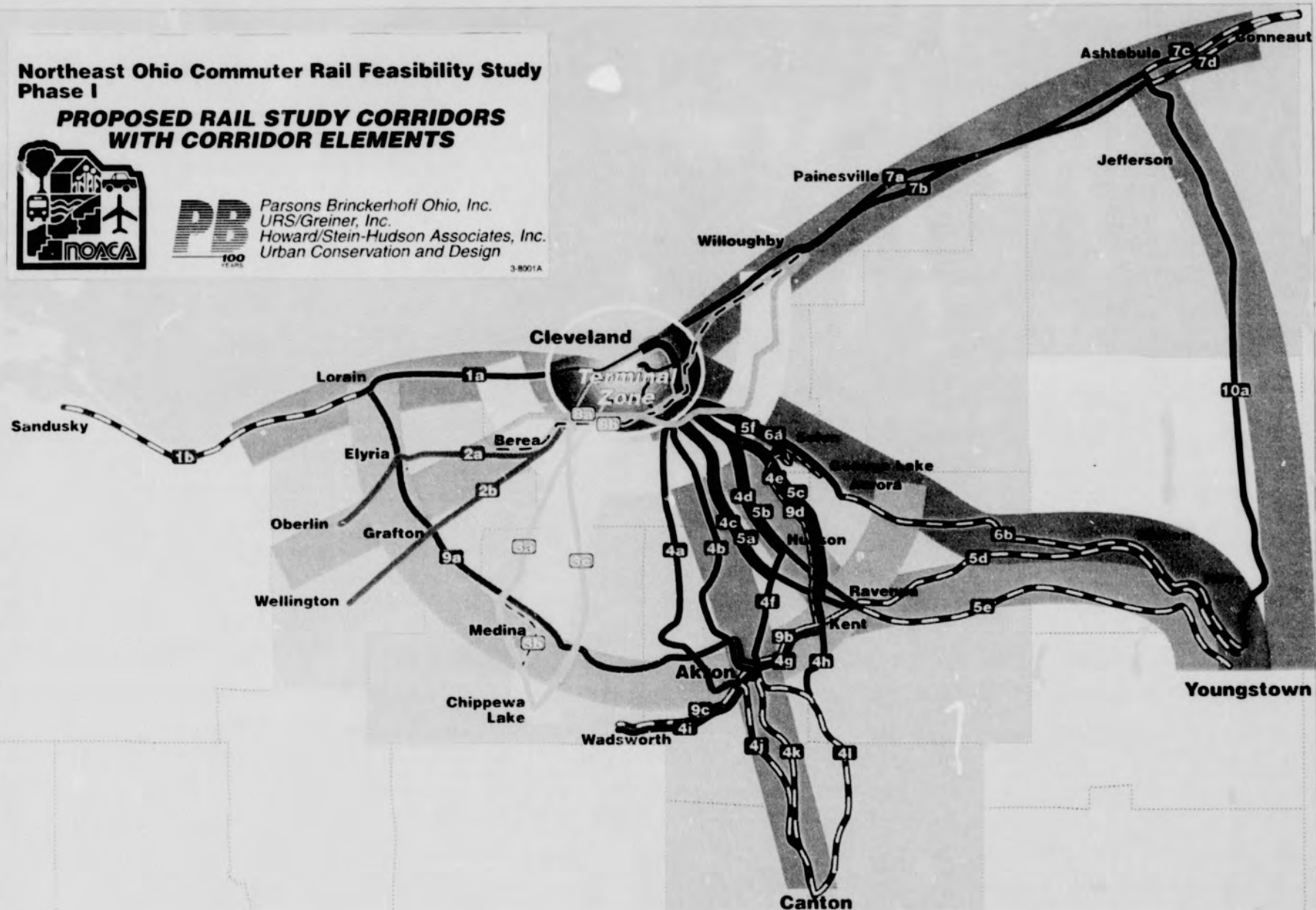
**Northeast Ohio Commuter Rail Feasibility Study  
Phase I**

**PROPOSED RAIL STUDY CORRIDORS  
WITH CORRIDOR ELEMENTS**



Parsons Brinckerhoff Ohio, Inc.  
URS/Greiner, Inc.  
Howard/Stein-Hudson Associates, Inc.  
Urban Conservation and Design

3.8001A



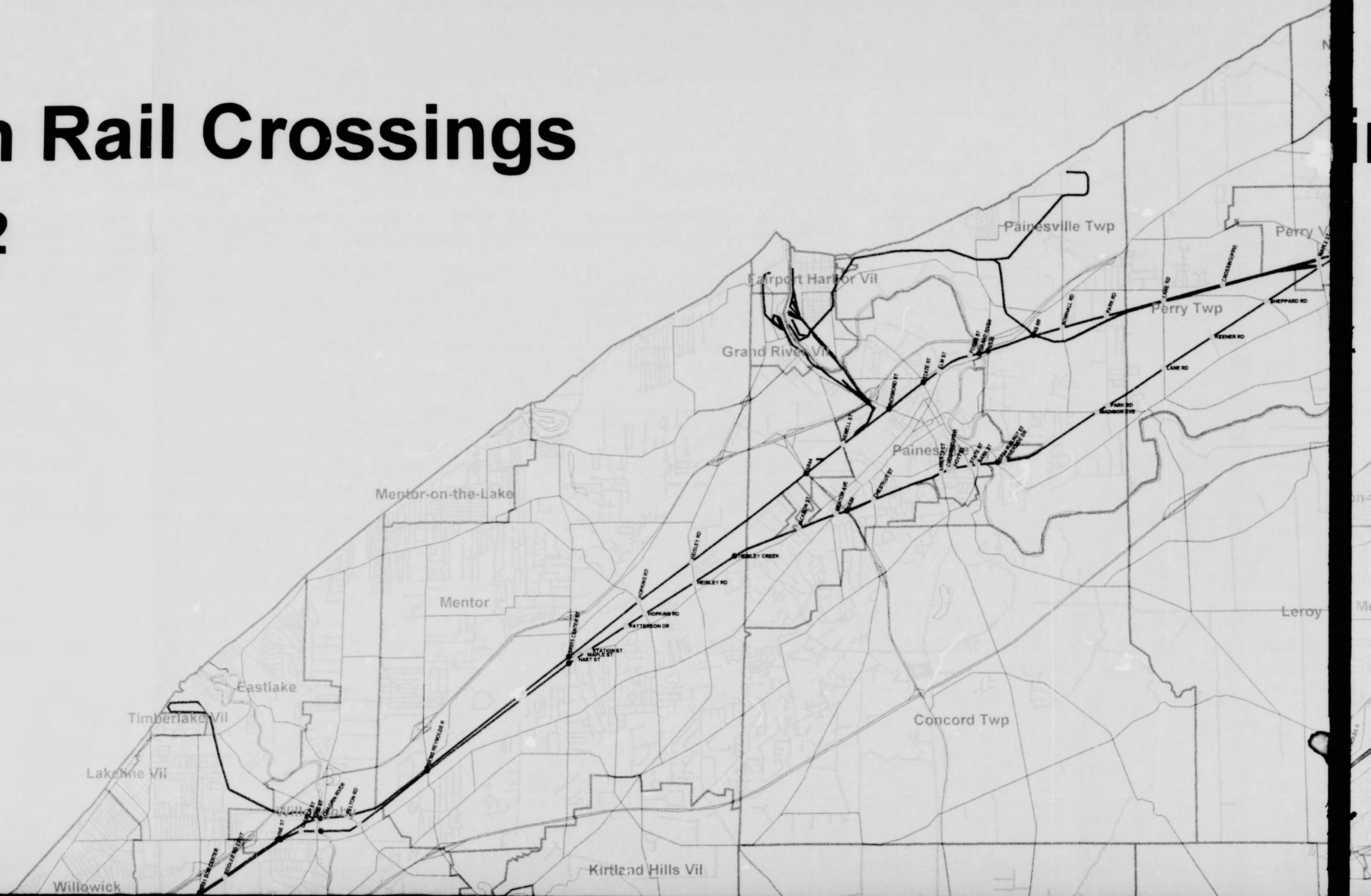


# NOACA Region Rail Crossings

## East Map 2 of 2



**of 2**





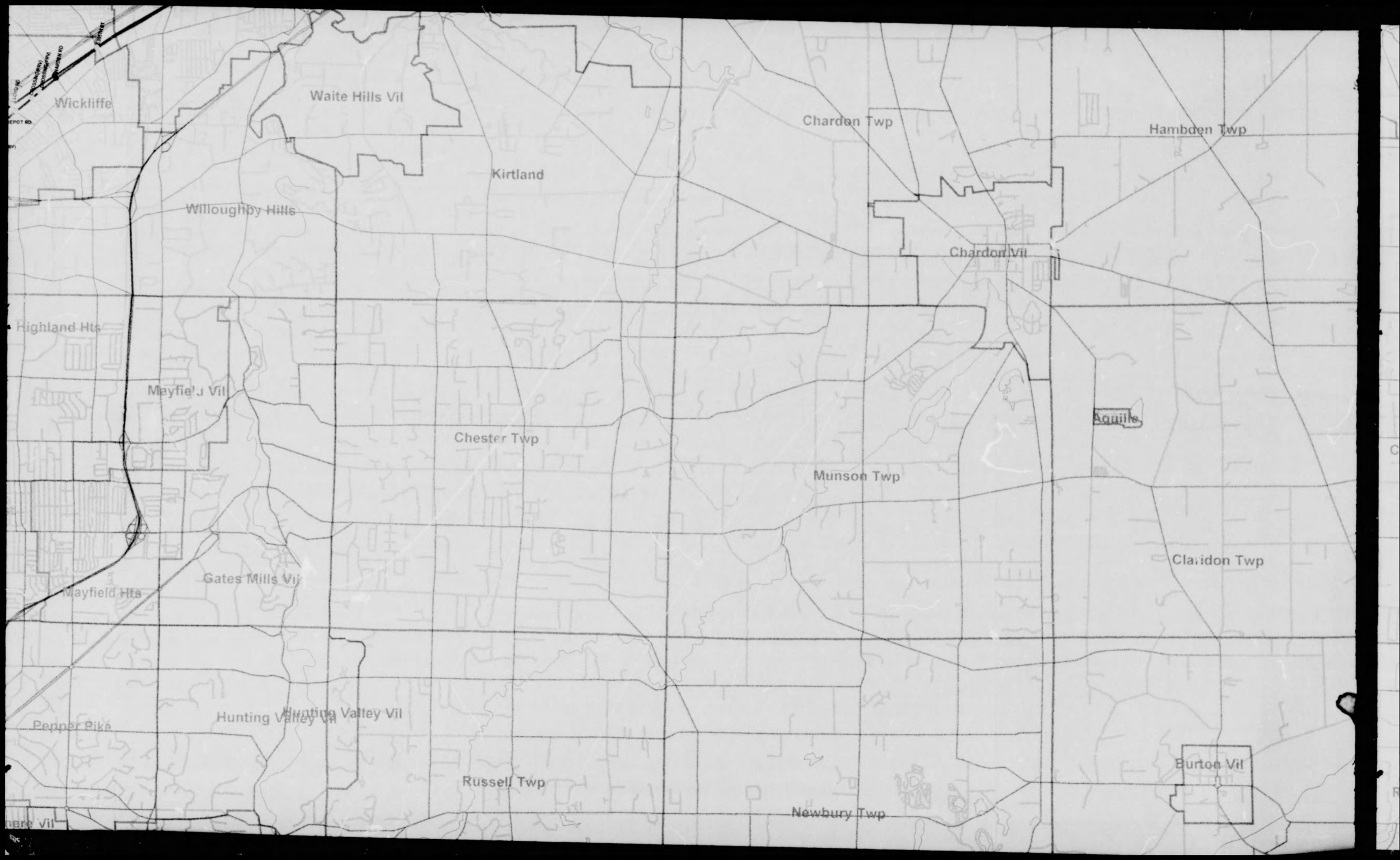
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Wickliffe

Waite Hills Vil

Chardon Twp

Hambden Twp

Kirtland

Willoughby Hills

Chardon Vil

Highland Hts

Mayfield Vil

Chester Twp

Munson Twp

Aquilla

Mayfield Hts

Gates Mills Vil

Claridon Twp

Hunting Valley Vil

Pepper Pike

Russell Twp

Newbury Twp

Burton Vil







Chardon Twp

Hambden Twp

Montville Twp

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Aquila

Munson Twp

Huntsburg Twp

Claridon Twp

Middlefield Twp

Newbury Twp

Burton Vil

Middlefield Vil

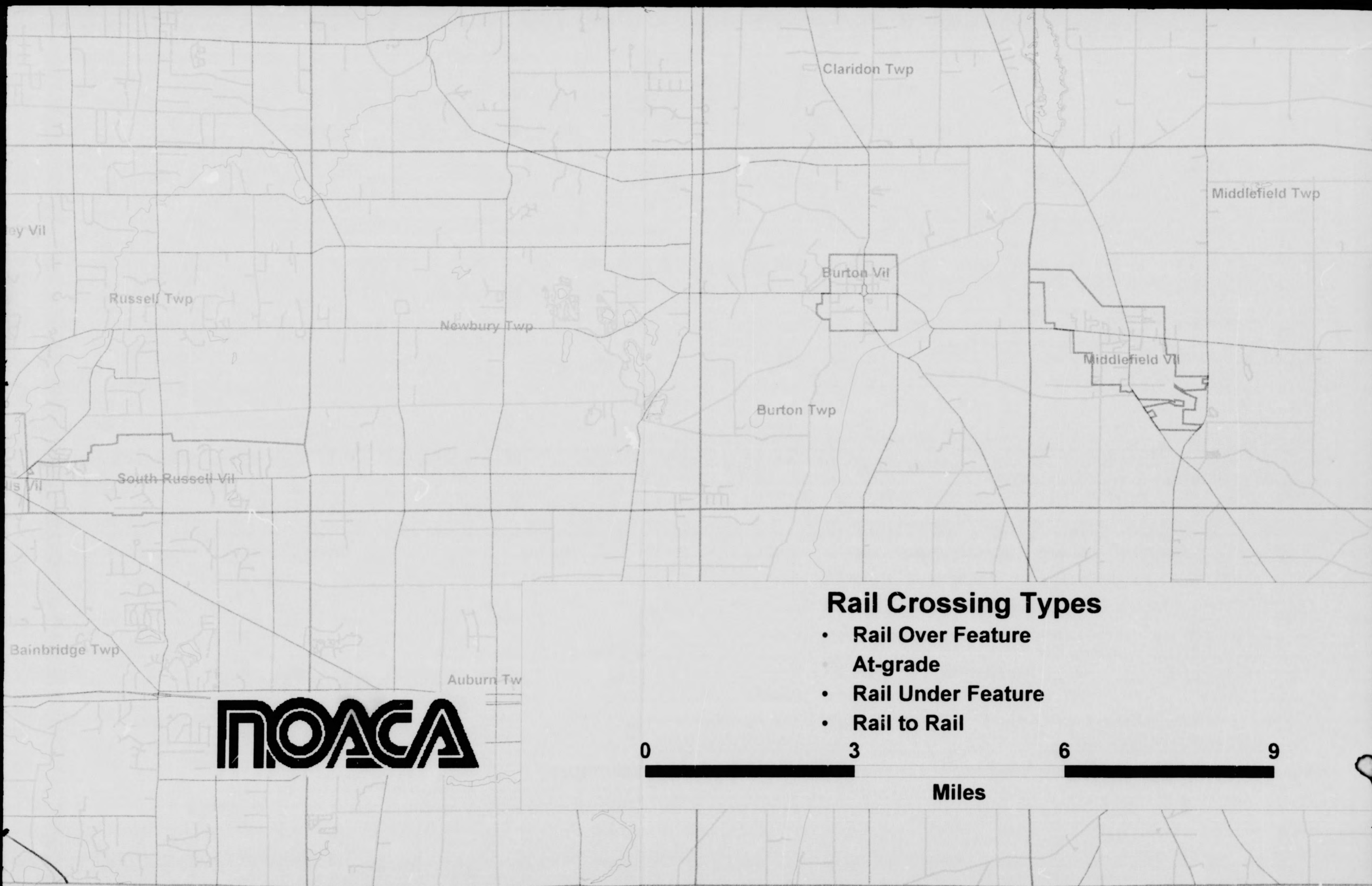






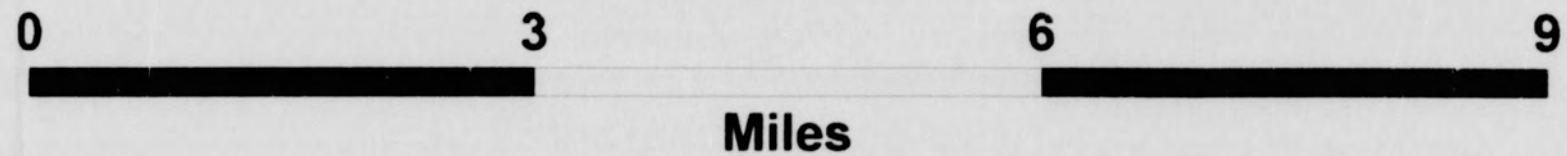
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## Rail Crossing Types

- Rail Over Feature
- At-grade
- Rail Under Feature
- Rail to Rail







## Rail Crossing Types

- Rail Over Feature
- At-grade
- Rail Under Feature
- Rail to Rail





# NOACA Region Rail Crossings

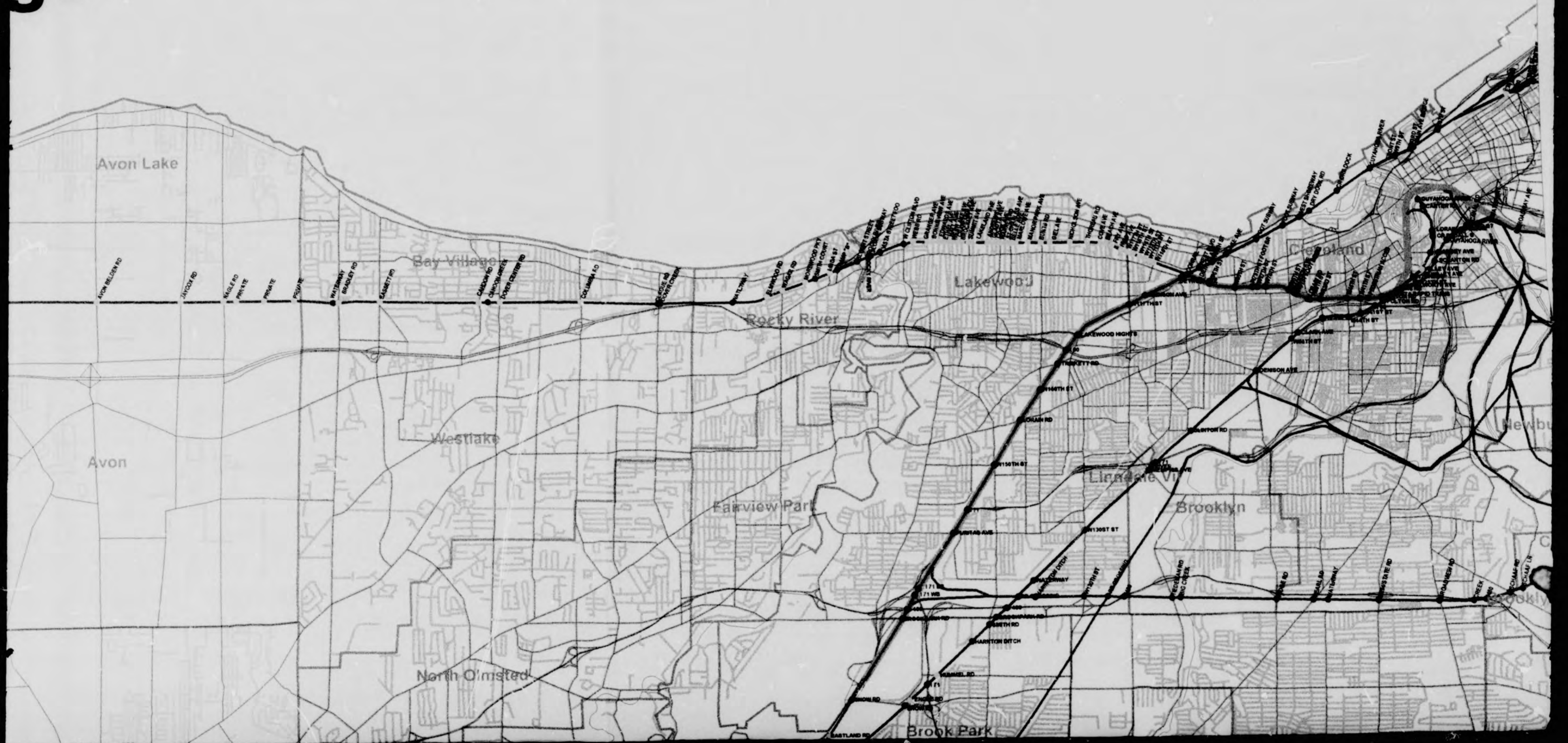
## West Map 1 of 2





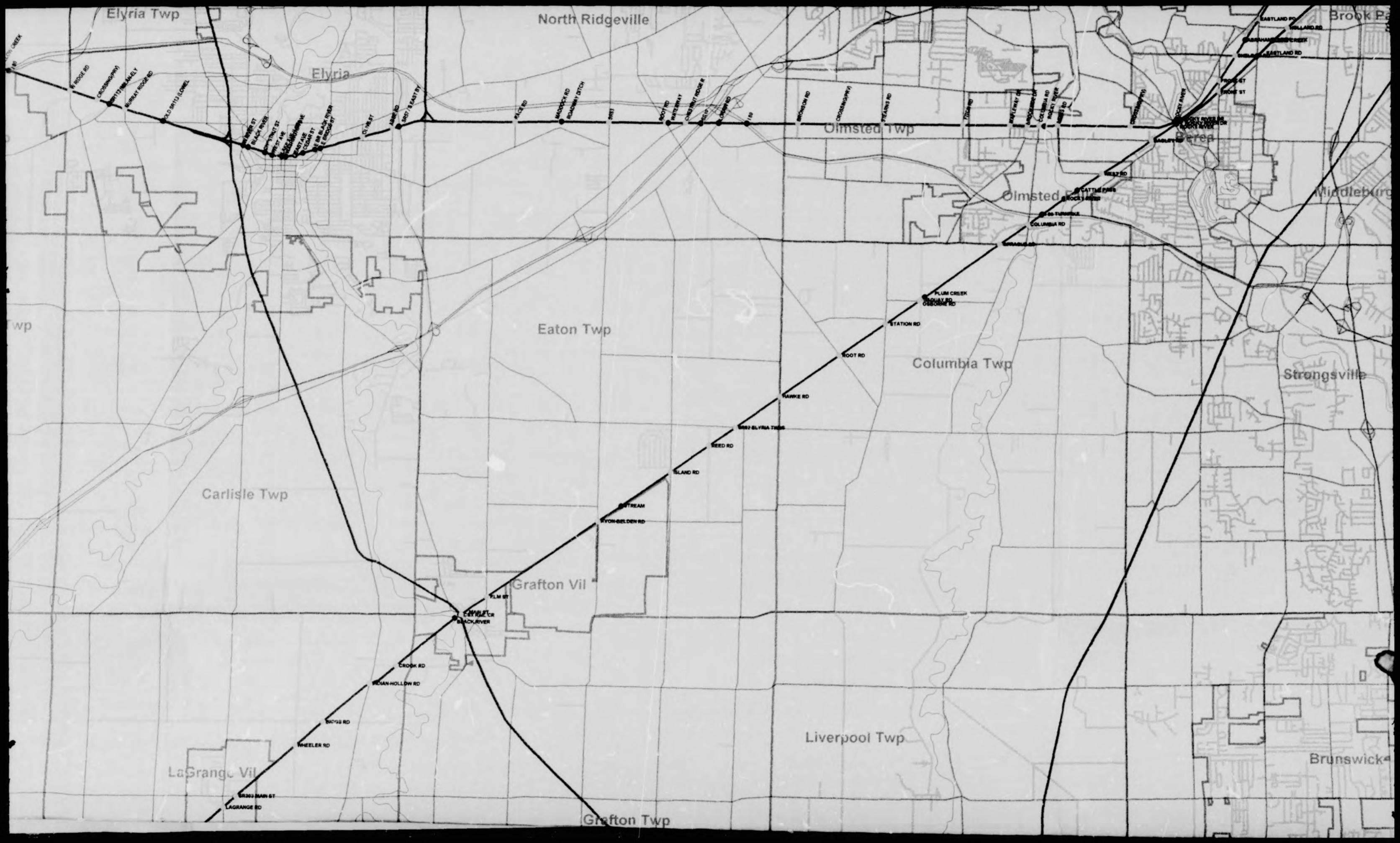


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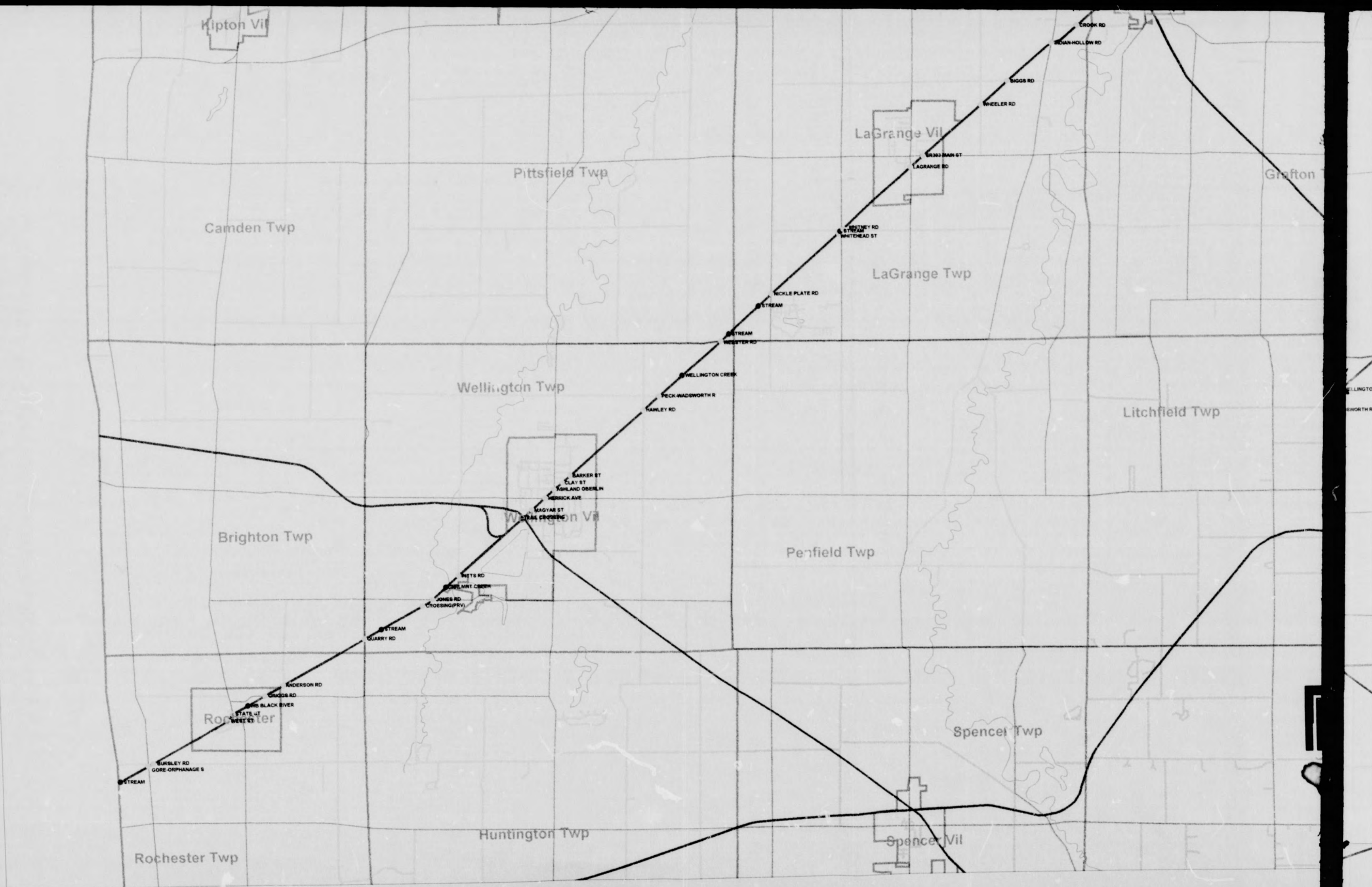
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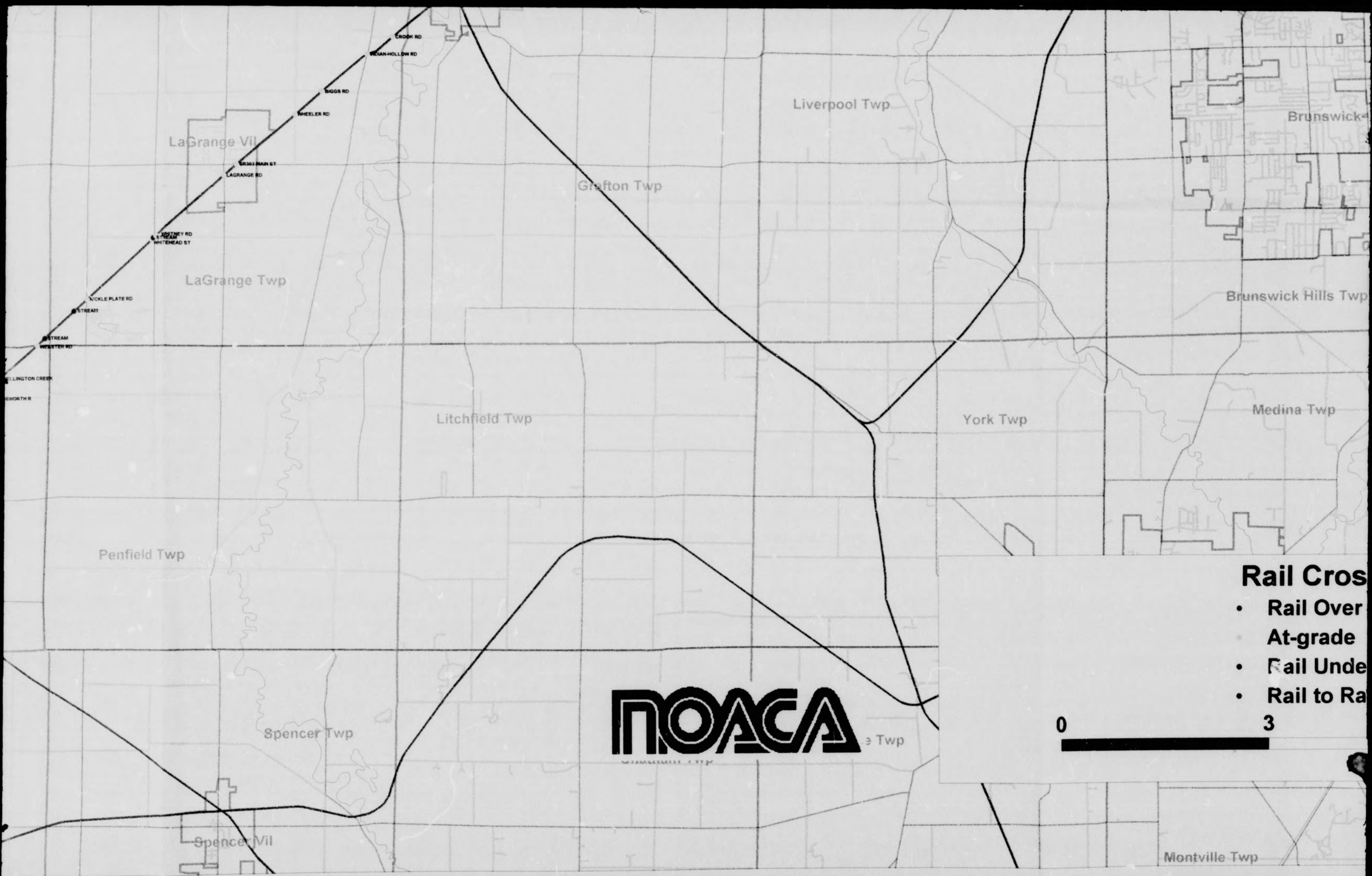








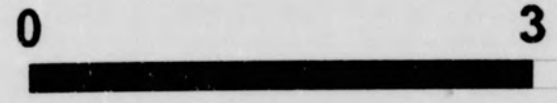




**NOACA** Twp

**Rail Cros**

- Rail Over
- At-grade
- Rail Under
- Rail to Ra



Liverpool Twp

Hinckley Twp

Brunswick

Brunswick Hills Twp

York Twp

Medina Twp

Granger Twp

## Rail Crossing Types

- Rail Over Feature
- At-grade
- Rail Under Feature
- Rail to Rail

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3

6

9

Miles

**NOACA** Twp

Montville Twp