

RESOLUTION NO. 1987-85

ADOPTING THE TRANSIT ELEMENT FOR CUYAHOGA COUNTY OF  
THE FISCAL YEAR 1988-1992 TRANSPORTATION IMPROVEMENT  
PROGRAM, AND AUTHORIZING ITS SUBMISSION TO NOACA

WHEREAS, NOACA is the five-county planning agency responsible for the preparation of the annual Transportation Improvement Program for northeast Ohio which includes the service area of the Greater Cleveland Regional Transit Authority; and

WHEREAS, the Greater Cleveland Regional Transit Authority is responsible for the annual development of the Transit Element of the Transportation Improvement Program for Cuyahoga County; and

WHEREAS, the Greater Cleveland Regional Transit Authority has developed the Transit Element for the Transportation Improvement Program for Fiscal Years 1988 through 1992 for Cuyahoga County:

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the Greater Cleveland Regional Transit Authority, Cuyahoga County, Ohio:

Section 1. That the Transit Element of the Fiscal Year 1988-1992 Transportation Improvement Program as prepared by the Greater Cleveland Regional Transit Authority is hereby approved and adopted.

Section 2. That the Transit Element of the Fiscal Year 1988-1992 Transportation Improvement Program is incorporated herein by reference and made a part hereof as though fully set forth.

Section 3. That the General Manager is hereby authorized to submit the Fiscal Year 1988-1992 Transportation Improvement Program to NOACA for approval.

Section 4. That this Resolution shall be effective immediately upon its adoption.

Adopted: June 2, 1987

  
President

Attest:

  
Secretary-Treasurer

Attachment: Transportation Improvement Program 1988-1992

REVISED

Greater Cleveland

# Regional Transit Authority

Inter-Office Correspondence

To: John V. Terango  
General Manager

Date: May 21, 1987

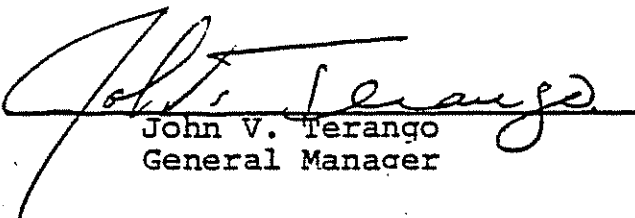
From: J. Barry Barker *Barry*  
Assistant General Manager -  
Marketing and Management

Subject: Transportation Improvement  
Program - 1988 - 1992

The Transportation Improvement Program for 1988-1992 represents RTA's five-year forecast of capital projects to be undertaken with federal funds. This document is submitted for your review and referral to the Board of Trustees. Please note that we have incorporated a priority ranking for the projects listed in accordance with a suggestion from UMTA. Also, incremental funding for bus garage rehabilitation in 1988 has been switched from Section 3 to Title 23 (Interstate Transfer) funding.

JBB:msl  
Attachment

Approved for submission to the  
Board of Trustees

  
John V. Terango  
General Manager

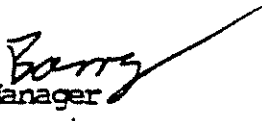
Greater Cleveland

# Regional Transit Authority

Inter-Office Correspondence

To: John V. Terango  
General Manager

Date: April 2, 1987

From: J. Barry Barker   
Assistant General Manager  
Marketing and Management

Subject: Transportation Improvement  
Program/Capital Improvement  
Program

The Transportation Improvement Program (TIP) is a five-year inventory of the capital and operating projects that the Authority wishes to undertake with federal funds. As such, it serves a number of purposes:

an inventory or needs assessment,  
a budgeting document, and  
a planning document.

It is updated annually to coincide with the state fiscal year. Our TIP, which covers transit projects within Cuyahoga County is part of a larger TIP that covers transit, highway, waterway and airport projects throughout the region.

Staff has been working with various using departments to prepare this year's update to the TIP. This has now been completed and the resulting 1988-1992 TIP is ready for presentation to the Board of Trustees.

The 1988-1992 TIP includes the following projects:

- 1) Continuation of our Bus Improvement Program to replace one-tenth to one-twelfth of our fleet per year, and a similar effort to replace a like percent of our paratransit fleet this year.
- 2) Rehabilitation of bus garages and bus loops.
- 3) Rehabilitation of Red Line stations and Red Line track/right-of-way.
- 4) Expansion of park-n-ride facilities throughout the County.
- 5) Routine acquisition of spare parts, shop/non-revenue/communication/office equipment, and non-revenue vehicles.
- 6) Implementation of an updated fare collection system on the rail lines and an improved, system-wide graphics program.
- 7) Completion of the Tower City project.

This TIP now serves as the source document from which the Authority's 1988 grant applications will be prepared.

RESOLUTIONS  
8292

April 2, 1987

In support of the TIP and to provide the Board of Trustees with as complete a picture as possible of the Authority's capital program, a summary is provided of existing and pending capital grants showing major construction and other projects, amount approved and not yet encumbered, and percent completed as of December 31, 1986.

Combined, these materials provide a review of the Authority's past, present and future capital improvement program.

JBB:DM:gaf

RESOLUTIONS  
8293

GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY  
1988 - 1992 TRANSPORTATION IMPROVEMENT PROGRAM  
(Thousands)

		1988	1989	1990	1991	1992	TOTAL
<b>CAPITAL SUMMARY</b>							
BUS	UMTA 3	0.0	6,318.8	6,311.3	0.0	11,700.0	24,330.0
	UMTA 9	11,514.2	11,072.0	14,738.4	13,404.0	10,992.0	61,720.6
	UMTA 23	2,720.0	0.0	0.0	0.0	0.0	2,720.0
	State	1,679.3	2,437.1	2,894.2	1,675.5	3,324.0	12,010.1
	Local	1,679.3	2,437.1	2,894.2	1,675.5	3,324.0	12,010.1
	<b>Total</b>	<b>17,592.8</b>	<b>22,265.0</b>	<b>26,838.0</b>	<b>16,755.0</b>	<b>29,340.0</b>	<b>112,790.8</b>
RAIL	UMTA 3	14,475.0	14,175.0	11,100.0	8,662.5	5,756.3	54,168.8
	UMTA 9	2,080.8	3,132.0	335.2	1,321.6	- 3,630.4	10,500.0
	UMTA 23	0.0	0.0	0.0	0.0	0.0	0.0
	State	2,672.6	2,754.0	1,891.9	1,609.0	1,413.2	10,340.6
	Local	2,672.6	2,754.0	1,891.9	1,609.0	1,413.2	10,340.6
	<b>Total</b>	<b>21,901.0</b>	<b>22,815.0</b>	<b>15,219.0</b>	<b>13,202.0</b>	<b>12,213.0</b>	<b>85,350.0</b>
OTHER	UMTA 3	586.2	0.0	0.0	0.0	0.0	586.2
	UMTA 9	1,859.2	872.3	1,088.6	343.2	447.2	4,610.6
	UMTA 23	0.0	0.0	0.0	0.0	0.0	0.0
	State	330.1	109.0	136.1	42.9	55.9	674.0
	Local	330.1	109.0	136.1	42.9	55.9	674.0
	<b>Total</b>	<b>3,105.6</b>	<b>1,090.4</b>	<b>1,360.8</b>	<b>429.0</b>	<b>559.0</b>	<b>6,544.8</b>
TOTAL	UMTA 3	15,061.2	20,493.8	17,411.3	8,662.5	17,456.3	79,085.0
	UMTA 9	15,454.2	15,076.3	16,162.2	15,068.8	15,069.6	76,831.2
	UMTA 23	2,720.0	0.0	0.0	0.0	0.0	2,720.0
	State	4,682.0	5,300.2	4,922.2	3,327.4	4,793.1	23,024.7
	Local	4,682.0	5,300.2	4,922.2	3,327.4	4,793.1	23,024.7
	<b>Total</b>	<b>42,599.4</b>	<b>46,170.4</b>	<b>43,417.8</b>	<b>30,386.0</b>	<b>42,112.0</b>	<b>204,685.6</b>

**OPERATING SUMMARY**

Operating Expenses	145,400.0	147,200.0	149,100.0	151,000.0	153,000.0	745,700.0
Operating Revenues	37,700.0	37,800.0	37,800.0	37,800.0	37,800.0	188,900.0
<b>Net Project Cost</b>	<b>107,700.0</b>	<b>109,400.0</b>	<b>111,300.0</b>	<b>113,200.0</b>	<b>115,200.0</b>	<b>556,800.0</b>
UMTA 9	10,868.8	10,868.8	10,868.8	10,868.8	10,868.8	54,344.0
State	6,355.9	6,355.9	6,355.9	6,355.9	6,355.9	31,759.5
Local	90,475.3	92,175.3	94,095.3	95,975.3	97,975.3	470,696.5
<b>Total</b>	<b>107,700.0</b>	<b>109,400.0</b>	<b>111,300.0</b>	<b>113,200.0</b>	<b>115,200.0</b>	<b>556,800.0</b>

GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY  
 1988 - 1992 TRANSPORTATION IMPROVEMENT PROGRAM  
 (in thousands)

		1988	1989	1990	1991	1992	TOTAL	DOCUMENTATION	PRIOR
<b>BUS</b>									
<b>1. Purchase Replacement Transit Buses</b>									
77 40' buses in 1988	UNTA 3	0.0	0.0	0.0	0.0	0.0	0.0	Bus Improvement Program/ High Capacity Bus Study	
77 40' buses in 1989	UNTA 9	* 9,856.0	* 9,856.0	* 13,200.0	* 9,856.0	* 9,856.0	52,624.0		
60 articulated buses in 1990	UNTA 23	0.0	0.0	0.0	0.0	0.0	0.0		
	State	1,232.0	1,232.0	1,650.0	1,232.0	1,232.0	6,578.0		
77 40' buses in 1991	Local	1,232.0	1,232.0	1,650.0	1,232.0	1,232.0	6,578.0		
77 40' buses in 1992									
	<b>Total</b>	<b>12,320.0</b>	<b>12,320.0</b>	<b>16,500.0</b>	<b>12,320.0</b>	<b>12,320.0</b>	<b>65,780.0</b>		
<b>2. Purchase Replacement Paratransit Buses</b>									
7 per year	UNTA 3	0.0	0.0	0.0	0.0	0.0	0.0	CRT Fleet Improvement Program	
	UNTA 9	* 616.0	* 616.0	* 616.0	* 616.0	* 616.0	3,080.0		
	UNTA 23	0.0	0.0	0.0	0.0	0.0	0.0		
	State	77.0	77.0	77.0	77.0	77.0	385.0		
	Local	77.0	77.0	77.0	77.0	77.0	385.0		
	<b>Total</b>	<b>770.0</b>	<b>770.0</b>	<b>770.0</b>	<b>770.0</b>	<b>770.0</b>	<b>3,850.0</b>		
<b>3. Purchase Spare Parts</b>									
	UNTA 3	0.0	0.0	0.0	0.0	0.0	0.0	Spare Parts Support Program	
	UNTA 9	* 427.0	* 400.0	* 400.0	* 400.0	* 400.0	2,027.0		
	UNTA 23	0.0	0.0	0.0	0.0	0.0	0.0		
	State	53.4	50.0	50.0	50.0	50.0	253.4		
	Local	53.4	50.0	50.0	50.0	50.0	253.4		
	<b>Total</b>	<b>533.8</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	<b>500.0</b>	<b>2,533.8</b>		
<b>4. Rehabilitate Bus Garages</b>									
Complete Brooklyn and Hayden in 1988	UNTA 3	0.0	* 5,025.0	* 5,175.0	0.0	0.0	10,200.0	Capital Needs II	
Woodhill in 1989	UNTA 9	0.0	0.0	0.0	0.0	0.0	0.0		
Triskett in 1990	UNTA 23	* 2,720.0	0.0	0.0	0.0	0.0	2,720.0		
	State	240.0	837.5	862.5	0.0	0.0	1,940.0		
	Local	240.0	837.5	862.5	0.0	0.0	1,940.0		
	<b>Total</b>	<b>3,200.0</b>	<b>6,700.0</b>	<b>6,900.0</b>	<b>0.0</b>	<b>0.0</b>	<b>16,800.0</b>		
<b>5. Rehabilitate Bus Loops</b>									
Includes Engineering in 1989	UNTA 3	0.0	* 318.8	* 1,136.3	0.0	0.0	1,455.0	Bus Loop Rehabilitation Study	
	UNTA 9	0.0	0.0	0.0	* 1,212.0	0.0	1,212.0		
	UNTA 23	0.0	0.0	0.0	0.0	0.0	0.0		
	State	0.0	53.1	189.4	151.5	0.0	394.0		
	Local	0.0	53.1	189.4	151.5	0.0	394.0		
	<b>Total</b>	<b>0.0</b>	<b>425.0</b>	<b>1,515.0</b>	<b>1,515.0</b>	<b>0.0</b>	<b>3,455.0</b>		

GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY  
 1990 - 1992 TRANSPORTATION IMPROVEMENT PROGRAM  
 (\$ thousands)

		1988	1989	1990	1991	1992	TOTAL	DOCUMENTATION	PRIOR
BUS (continued)									
6. Construct New/Replacement bus garage									
	UNTA 3	0.0	0.0	0.0	0.0	11,700.0	11,700.0	Capital	1
	UNTA 9	0.0	0.0	0.0	0.0	0.0	0.0	Needs II	
	UNTA 23	0.0	0.0	0.0	0.0	0.0	0.0		
	State	0.0	0.0	0.0	0.0	1,950.0	1,950.0		
	Local	0.0	0.0	0.0	0.0	1,950.0	1,950.0		
	<b>Total</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15,600.0</b>	<b>15,600.0</b>		
7. Construct Park-a-Ride Lots									
	Strongsville and	0.0	975.0	0.0	0.0	0.0	975.0	Park-a-Ride	
	Brecksville phase 2	0.0	0.0	0.0	1,200.0	0.0	1,200.0	Feasibility	
	in 1989	0.0	0.0	0.0	0.0	0.0	0.0	Study/1986	
	Future sites in 1991	0.0	162.5	0.0	150.0	0.0	312.5	Update	
	Local	0.0	162.5	0.0	150.0	0.0	312.5		
	<b>Total</b>	<b>0.0</b>	<b>1,300.0</b>	<b>0.0</b>	<b>1,500.0</b>	<b>0.0</b>	<b>2,800.0</b>		

**GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY**  
**1988 - 1992 TRANSPORTATION IMPROVEMENT PROGRAM**  
(\$ thousands)

	1988	1989	1990	1991	1992	TOTAL	DOCUMENTATION	PRIORI
<b>RAIL</b>								
<b>1. Purchase Spare Parts</b>								
UNTA 3	0.0	0.0	0.0	0.0	0.0	0.0	Spare Parts Support Program	3
UNTA 9	* 1,880.8	* 332.0	* 335.2	* 321.6	* 330.4	3,200.0		
UNTA 23	0.0	0.0	0.0	0.0	0.0	0.0		
State	235.1	41.5	41.9	40.2	41.3	400.0		
Local	235.1	41.5	41.9	40.2	41.3	400.0		
<b>Total</b>	<b>2,351.0</b>	<b>415.0</b>	<b>419.0</b>	<b>402.0</b>	<b>413.0</b>	<b>4,000.0</b>		
<b>2. Rehabilitate Rail Stations</b>								
Includes \$2.0 million engineering in 1988 + 1989, \$1.6 million in 1990								5
UNTA 3	* 3,750.0	* 8,100.0	* 8,100.0	* 5,662.5	* 3,506.3	29,118.8	Capital Needs I	\$15.4 million beyond 1992
UNTA 9	0.0	0.0	0.0	* 1,000.0	* 3,300.0	4,300.0		
UNTA 23	0.0	0.0	0.0	0.0	0.0	0.0		
State	625.0	1,350.0	1,350.0	1,068.8	996.9	5,390.6		
Local	625.0	1,350.0	1,350.0	1,068.8	996.9	5,390.6		
<b>Total</b>	<b>5,000.0</b>	<b>10,800.0</b>	<b>10,800.0</b>	<b>8,800.0</b>	<b>8,800.0</b>	<b>44,200.0</b>		
<b>3. Purchase/Install Train Control System (12A-D Light Rail)</b>								
UNTA 3	* 7,500.0	0.0	0.0	0.0	0.0	7,500.0	Capital Needs I	6
UNTA 9	0.0	0.0	0.0	0.0	0.0	0.0		
UNTA 23	0.0	0.0	0.0	0.0	0.0	0.0		
State	1,250.0	0.0	0.0	0.0	0.0	1,250.0		
Local	1,250.0	0.0	0.0	0.0	0.0	1,250.0		
<b>Total</b>	<b>10,000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>10,000.0</b>		
<b>4. Rehabilitate Heavy Rail Right-of-Way, Bridges, Viaduct, Track, Substations, Overhead</b>								
UNTA 3	* 3,225.0	* 4,950.0	* 3,000.0	* 3,000.0	* 2,250.0	16,425.0	Capital Needs I/CUT Right-of-Way and Bridge Study	7
UNTA 9	0.0	0.0	0.0	0.0	0.0	0.0		
UNTA 23	0.0	0.0	0.0	0.0	0.0	0.0		
State	537.5	825.0	500.0	500.0	375.0	2,737.5		
Local	537.5	825.0	500.0	500.0	375.0	2,737.5		
<b>Total</b>	<b>4,300.0</b>	<b>6,600.0</b>	<b>4,000.0</b>	<b>4,000.0</b>	<b>3,000.0</b>	<b>21,900.0</b>		
<b>5. Purchase/Install Fare Collection Equipment</b>								
UNTA 3	0.0	* 1,125.0	0.0	0.0	0.0	1,125.0	Fare Collection Replacement Program	10
UNTA 9	0.0	* 2,800.0	0.0	0.0	0.0	2,800.0		
UNTA 23	0.0	0.0	0.0	0.0	0.0	0.0		
State	0.0	537.5	0.0	0.0	0.0	537.5		
Local	0.0	537.5	0.0	0.0	0.0	537.5		
<b>Total</b>	<b>0.0</b>	<b>5,000.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>5,000.0</b>		



GREATER CLEVELAND REGIONAL TRANSIT AUTHORITY  
1988 - 1992 TRANSPORTATION IMPROVEMENT PROGRAM  
(\$ thousands)

	1988	1989	1990	1991	1992	TOTAL	DOCUMENTATION	PRIORITY
<b>I. Purchase/Install Security Equipment</b>								
UNTA 3	0.0	0.0	0.0	0.0	0.0	0.0	Support Tools/ Equipment Program	11
UNTA 9 *	200.0	0.0	0.0	0.0	0.0	200.0		
UNTA 23	0.0	0.0	0.0	0.0	0.0	0.0		
State	25.0	0.0	0.0	0.0	0.0	25.0		
Local	25.0	0.0	0.0	0.0	0.0	25.0		
<b>Total</b>	<b>250.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>250.0</b>		

CLEVELAND REGIONAL TRANSIT AUTHORITY  
1992 TRANSPORTATION IMPROVEMENT PROGRAM

	1988	1989	1990	1991	1992	TOTAL	DOCUMENTATION	PRIORITY
<b>RIS AND RAIL</b>								
<b>Phase Office Furniture/</b>								
Equipment/Office	UNTA 3	0.0	0.0	0.0	0.0	0.0	Support Tools/ Equipment Program	16
Automation Equipment	UNTA 9 *	320.0	80.0	80.0	80.0	80.0		
	UNTA 23	0.0	0.0	0.0	0.0	0.0		
	State	40.0	10.0	10.0	10.0	10.0		
	Local	40.0	10.0	10.0	10.0	10.0		
	<b>Total</b>	<b>400.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>		
<b>Phase Non-revenue Vehicles and Equipment</b>								
	UNTA 3 *	586.2	0.0	0.0	0.0	586.2	Support Tools/ Equipment and Non-revenue Vehicle Repl. Programs	13
	UNTA 9 *	1,000.0	472.3	446.2	183.2	287.2		
	UNTA 23	0.0	0.0	0.0	0.0	0.0		
	State	222.7	59.0	55.8	22.9	35.9		
	Local	222.7	59.0	55.8	22.9	35.9		
	<b>Total</b>	<b>2,031.6</b>	<b>590.4</b>	<b>557.8</b>	<b>229.0</b>	<b>359.0</b>		
<b>Phase/Install Shop Equipment</b>								
	UNTA 3	0.0	0.0	0.0	0.0	0.0	Support Equipment/Tools Program	14
	UNTA 9 *	219.2	80.0	402.4	80.0	80.0		
	UNTA 23	0.0	0.0	0.0	0.0	0.0		
	State	27.4	10.0	50.3	10.0	10.0		
	Local	27.4	10.0	50.3	10.0	10.0		
	<b>Total</b>	<b>274.0</b>	<b>100.0</b>	<b>503.0</b>	<b>100.0</b>	<b>100.0</b>		
<b>Phase/Install Systemwide Graphics</b>								
	UNTA 3	0.0	0.0	0.0	0.0	0.0	Graphics Standards Manual	12
	UNTA 9 *	320.0	240.0	160.0	0.0	0.0		
	UNTA 23	0.0	0.0	0.0	0.0	0.0		
	State	40.0	30.0	20.0	0.0	0.0		
	Local	40.0	30.0	20.0	0.0	0.0		
	<b>Total</b>	<b>400.0</b>	<b>300.0</b>	<b>200.0</b>	<b>0.0</b>	<b>0.0</b>		
<b>Phase/Install Communication equipment</b>								
	UNTA 3	0.0	0.0	0.0	0.0	0.0	Radio Replacement Study	15
	UNTA 9 *	396.0	120.0	120.0	40.0	40.0		
	UNTA 23	0.0	0.0	0.0	0.0	0.0		
	State	49.5	15.0	15.0	5.0	5.0		
	Local	49.5	15.0	15.0	5.0	5.0		
	<b>Total</b>	<b>495.0</b>	<b>150.0</b>	<b>150.0</b>	<b>50.0</b>	<b>50.0</b>		