

TRANSPORTATION  
IMPROVEMENT  
PROGRAM

— 1990 —

TRANSPORTATION  
PLAN



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TRANSPORTATION IMPROVEMENT PROGRAM  
and  
TRANSPORTATION PLAN

Mid-Ohio Regional Planning Commission

June 1990



## GENERAL INTRODUCTION TO THIS REPORT

The Federal-aid Highway Act of 1962 and the federal Urban Mass Transportation Act of 1964 require that each "urbanized area," as a condition to the receipt of federal capital or operating assistance, have a continuing, cooperative and comprehensive (3-C) transportation planning process that results in plans and programs consistent with the comprehensively planned development of the "urbanized area." The Transportation Plan and Transportation Improvement Program contained within this report are produced in response to this requirement.

The Metropolitan Planning Organization (MPO) is the organization designated to carry out the 3-C process. The MPO for different urban areas of a state are designated by the governor and the Mid-Ohio Regional Planning Commission (MORPC) has been so designated for the Columbus Urbanized Area. Included within the Columbus Urbanized Area is all of Franklin County and the following adjacent townships: Concord, Genoa, Liberty and Orange Townships in Delaware County, Etna and Lima Townships in Licking County and Bloom and Violet Townships in Fairfield County.

The MORPC Policy Committee, which meets monthly, is responsible for approving the Transportation Plan and the 5-year Transportation Improvement Program (TIP) and any modifications thereto. The Policy Committee is made up of representatives from all of the communities within the Urbanized Area, as well as the Ohio Department of Transportation and the Central Ohio Transit Authority. The Transportation Advisory Committee (TAC), which also meets monthly, is a technical committee who advise the Policy Committee on transportation matters. The MPO, MORPC's Policy Committee in this case, must endorse the Transportation Plan and the TIP as a prerequisite for federal approval of projects.

On the following pages is contained the Transportation Plan and the 5-year TIP for the Mid-Ohio area. The Transportation Plan consists of a listing of roadway-related needs and recommendations prioritized into several categories. Also in the Transportation Plan section is a listing of deficient bridges in the region and a summary of the Transit Plan. The TIP is a 5-year program of short-range improvements, both highway and mass transit, that have a specific source of funding identified and are presently in some stage of project development.



1ST SECTION

TRANSPORTATION IMPROVEMENT PROGRAM

2ND SECTION

TRANSPORTATION PLAN



TRANSPORTATION IMPROVEMENT PROGRAM  
OF THE  
MID-OHIO REGIONAL PLANNING COMMISSION

JUNE 1990

Preparation of this document was financed by appropriations from Franklin, Delaware, Licking and Fairfield Counties, and municipalities in Franklin County, together with planning funds from the Federal Highway Administration and the Urban Mass Transportation Administration in conjunction with the Ohio Department of Transportation.



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## FY 1991-1995 TRANSPORTATION IMPROVEMENT PROGRAM

### INTRODUCTION

The MORPC Transportation Improvement Program (TIP) is a staged multi-year schedule of federally-funded transportation improvements in Franklin County, Concord, Genoa, Liberty and Orange Townships in Delaware County, Etna and Lima Townships in Licking County and Bloom and Violet Townships in Fairfield County. Any federally-funded highway or transit project within this geographic area must be on the TIP before it is eligible to receive federal funds (except for HES-funded highway safety projects and demonstration transit projects). Before a transportation improvement project may be included on the TIP it must:

1. Have an identified source of funding
2. Be on the Transportation Plan or meet criteria to be added to Plan
3. Be approved by the MORPC Policy Committee

The MORPC TIP covers a 5-year time period based on fiscal years. The fiscal year used is the same as the state of Ohio's, which begins July 1st and ends June 30th. The TIP undergoes a major update once annually culminating in June with presentation to the MORPC Policy Committee for approval.

Following Policy Committee approval each June, the TIP is submitted to the Ohio Department of Transportation (ODOT) and to the federal Urban Mass Transportation Administration (UMTA). The Annual Element (1st year of the TIP) is then reflected in the statewide TIP (Section 105 Program) that ODOT prepares (highway projects) and in the Project Summary that UMTA prepares (transit projects).

The Fiscal Year 1991-1995 TIP is divided into two sections: the narrative and the project listing. In the narrative, the following is discussed:

- a. TIP Development Process
- b. Project Selection Process
- c. Funding of Improvements
- d. Air Quality Improvements
- e. Handicapped Special Efforts

The following is described in the project listing section:



- a. Descriptions of each project
- b. Project timing and cost information

## TIP DEVELOPMENT PROCESS

### March

The process of bringing the TIP up-to-date begins each year in March. Information about planned transportation improvements is then gathered from 1) Central Ohio Transit Authority (COTA); 2) Communities in the Mid-Ohio region; 3) Ohio Department of Transportation (ODOT); and 4) any other implementing agency. The information which is collected forms the core of the draft TIP document.

### April

In the month of April the draft TIP is presented to the MORPC Transportation Advisory Committee (TAC) and copies are sent to the Ohio Department of Transportation (ODOT) and the Ohio Environmental Protection Agency (OEPA) for their review. Based on the comments received, appropriate revisions are made to the draft document.

### June

MORPC approval of the TIP normally takes place in June at the regularly scheduled meeting of the Policy Committee. Following the approval, copies of the document are provided to the 1) OEPA; 2) ODOT; 3) Urban Mass Transportation Administration (UMTA); 4) Federal Highway Administration (FHWA); and 5) State Clearinghouse. Additionally, community representatives throughout the MORPC transportation planning area also receive copies.

### Ongoing

In order to monitor the ongoing status of TIP projects, staff contacts implementing agencies and/or consultants at least once quarterly to receive an update on project progress. A report entitled the "Quarterly Project Status Report," produced in August, November, February and May, shows the updated project status. The report is presented to the MORPC TAC and Policy Committees and is mailed out to community representatives with TIP projects within their community.

Additionally, the TIP can be formally amended by resolution of the MORPC Policy Committee any time during the year. Formal amendments to the TIP are required to add new projects, to delete projects or to change funding types.



## PAST ACCOMPLISHMENTS

### Highway Projects Sold in FY 1990

Ten TIP highway projects sold during the past fiscal year (through the end of May). These included Sections I, and J, of the I-670 freeway project and static test for the Spring-Sandusky Interchange. The construction cost of these sections will total approximately \$11 million.

Two resurfacing/reconstruction projects were sold during the fiscal year. These projects are located on I-70 (west freeway) from west of Darby Creek Road to east of I-270, and on I-270 from south of Big Run Road to north of Trabue Road. The expected cost of these projects is \$27 million.

Other projects sold include the Columbus Computer Signalization Project Phase 4 and 5 for \$2.8 million, and two bikeway projects including the Scioto-Olentangy, and Blacklick Creek bikeways. The bikeway projects are expected to cost \$760,000. Obligated projects include section B-2, B-4, K, and AB of I-670 and I-270 interchange tower lighting at I-70W, US 23N, I-71N, and I-71S.

### Highway Projects Under-Construction or Completed

Several TIP Construction projects from the past were opened during FY 1990. These include the Schrock Road from Ambleside to Sharon Woods, I-270N bridges between S.R. 315 and SR 3, East Main Street over Alum Creek, Rohr Road over C&O and N&W railroads, Lithopolis-Winchester Road over Little Walnut Creek, US 33 between Franklin and Hocking County lines and, Alkire Road over Hellbranch Run.

Projects under construction during 1989 include S.R. 256 over George Creek, Blacklick Creek Bikeway, I-270 between Big Run and Trabue Road, I-70 between Darby Creek Road and I-270, I-70 from Franklin Co. line to S.R. 158, Phase A-6 of computerized signal system, S.R. 104 freeway bridges between the Scioto River and the C&O railroad tracks, sign upgrading in Delaware and Franklin Counties, S.R. 317 over Big Walnut Creek and I-270N between S.R. 315 and S.R. 3.

COTA received funds for capital and other operating expenditures to facilitate the operation of COTA. Additional funding was received to encourage ridesharing through the MetroRides program. Funding was also received to supply 80% of the capital cost of vehicles for human service agencies who supply transportation for their clients.



## PROJECT SELECTION PROCESS

Projects to be placed on the TIP have to be drawn from the Transportation Plan. The Transportation Plan is made up of needed highway improvements, bridge deficiencies, proposed bicycle route corridors and transit projects. Planning documentation for all TIP projects is contained within these elements of the Transportation Plan (see MORPC Transportation Plan and the Transportation Review and Update Process, June, 1988).

### TIP Priorities

The Mid-Ohio Regional Planning Commission in conjunction with local municipalities and agencies is concentrating on those activities that will serve to maximize the overall efficiency of our transportation system. In general, the Fiscal Year 1991-1995 TIP is continuing to place emphasis on completing some major projects that have been in progress for some time. These projects include I-670 and the Spring-Sandusky Interchange the City of Columbus, and Livingston Ave., Cemetery Rd and the Cleveland Ave. Extension in the suburbs.

Additionally, more and more emphasis is being put on system maintenance-type improvements. Bridge replacements and rehabilitations and resurfacing projects represent the bulk of projects on the FY 1990-1994 TIP.

### Placement on the TIP

Upon request of an implementing agency a project is considered for placement on the TIP. Several factors must be considered, including: 1)priority; 2)consistency with the Transportation Plan; and 3)availability of funding. MORPC's role is to:

- a. Analyze the project's priority, as shown in the Transportation Plan, considering the fact that lower priority projects may be implemented before those higher ranked due to funding availability (local, state and federal sources), environmental impacts and citizen concern.
- b. Determine whether the project properly addresses the identified deficiency in the Transportation Plan, and
- c. Determine if adequate funding is available for the project.



Annual Element

Table 1 displays the Annual Element by funding source. Table 2 displays the Annual Element by project type.



Table 1  
FY 1991 Anticipated Obligations of  
Federal Funds by Funding Source

Funding Source	Map Ref Number	Highway Projects	Phase	Federal Funds (000's)
** Funding Source BH				
BH	68	Riverside Dr over Slate Run	C	125
** Subtotal **				\$125
** Funding Source BR				
BR	8	Indianola Ave over Iuka Ave	C	346
BR	9	Joyce between Fifth and Twelfth Ave	C	2544
BR	47	East Broad St over Alum Creek	C	299
BR	56	Jackson Pike over Scioto Big Run	C	120
BR	78	US 62 over Rose Run	C	110
** Subtotal **				\$3419
** Funding Source BRZ				
BRZ	28	Replace Home Rd Bridge improve approaches	C	420
** Subtotal **				\$420
** Funding Source DM				
DM	26	Olentangy Bikeway Ext Wilson Bridge - Wor Hills	C	196
DM	43 *	Columbus Metrroides	C	301
DM	89	Westerville Bikeway Schrock Rd to Maxtown Rd	R	110
DM	89	Westerville Bikeway Schrock Rd to Maxtown Rd	C	350
** Subtotal **				\$957
** Funding Source F				
F	44	SR 16 from Franklin Co Line to Summit Rd	C	250
F	46	US 33 Hocking Co line to Fra Co line sign replace	C	67
F	79	FRA & Del Co Sign Upgrade (Various State Highways)	C	35
F	113	Sr 315 from Sullivant Ave to W Mound St	C	1580
** Subtotal **				\$1932
** Funding Source HES				
HES	83	SR 256 at SR 204 and I 70 Saftey Improvements	C	425
** Subtotal **				\$425



Table 1  
FY 1991 Anticipated Obligations of  
Federal Funds by Funding Source

Funding Source	Map Ref Number	Highway Projects	Phase	Federal Funds (000's)
** Funding Source I				
I	103	Souder Ave across Scioto to US 33 & Rick. Park	C	930
I	115	Cleveland Ave over I 670 & RR	C	2525
I	116	St Clair over RR	C	2266
I	118	I 670 St Clair Ave to relocated Leonard Ave	C	14222
I	119	I 670 from Third St to Cleveland Ave	R	360
I	119	I 670 from Third St to Cleveland Ave	C	16200
I	120	I 670 from Cleveland Ave to I 71	R	338
I	120	I 670 from Cleveland Ave to I 71	C	7905
I	121	I 670 from I 71 to St Clair Ave	R	270
I	121	I 670 form I 71 to St Clair Ave	C	14640
I	122	Fort Hayes Interchange Area	R	36
I	122	Fort Hayes Interchange Area	C	2080
I	126	Sunbury Rd to Alum Creek	C	810
I	127	Alum Creek to I 270	C	720
I	129	R/W Plan and Purchase	R	1230
** Subtotal **				\$64532
** Funding Source IR				
IR	4	Traffic Management Program in Greater Columbus	C	446
IR	7 *	Traffic Management System I 70 and I 71	PE	180
IR	7 *	Traffic Management System I 70 and I 71	C	2070
IR	24	Ice and weather info system for various routes	C	231
IR	57	Tower Lighting I 270 US 62, Georgesville, and SR 23	C	369
IR	58	Tower Lighting/Repair N of I 70 to S of Hilliard	C	1217
IR	59	Tower Lighting/Repair/New Construction I 270 S of Hilliard-Cemetery to N of SR 161,US 33	PE	0
IR	59	Tower Lighting/Repair/New Construction I 270 S of Hilliard-Cemetery to N of SR 161,US 33	C	8927
IR	60	Repair I 270 N of SR 161 & US 33 to E of SR 257	C	1577
IR	61	Tower Lighting I 270 & SR 315	C	508
IR	62	Tower Lighting I 270 & US 62N & Johnstown Rd int	C	1611
IR	64	I 270 at US 23 & I 71 Resurfacing and Tower Light	C	5716
IR	79	Del & Fra Co Sign Upgrade (Various State Highways)	C	148
IR	83	SR 256 at SR 204 and I 70 Saftey Improvements	C	630
IR	100	I 670 Grandview Ave to US 23 Sludge Lagoon Test	C	289
IR	107	I-670 from Harrison Ave to Neil Ave	R	445
IR	107	I-670 from Harrison Ave to Neil Ave	C	8315



Table 1  
FY 1991 Anticipated Obligations of  
Federal Funds by Funding Source

Funding Source	Map Ref Number	Highway Projects	Phase	Federal Funds (000's)
IR	108	I-670 from Chessie track to Harrison Ave	R	178
IR	108	I-670 from Chessie track to Harrison Ave	C	9988
IR	111	SR 315 from south of Third Ave to Third Ave	R	65
IR	111	SR 315 from south of Third Ave to Third Ave	C	6015
IR	121	I 670 form I 71 to St Clair Ave	C	210
IR	122	Fort Hayes Interchange Area	C	170
** Subtotal **				\$49305
** Funding Source M				
M	1	* Purchase 4 New Lift Equipped Buses	C	817
M	24	Ice and weather info system for various routes	C	194
M	36	Granville St from Mill St to Hamilton Rd	R	353
M	37	Hamilton RD from Morrison Rd to Granville St	R	240
M	41	Hilliard Cemetary Rd to Main St to Leap Rd	C	2513
M	42	* Columbus Metrorides	C	50
M	71	* SR 23 Park & Pool Parking Lot	ROW	90
M	83	SR 256 at SR 204 and I 70 Saftey Improvements	R	513
M	85	Livingston Ave from Briceton Rd to Deville Dr	C	1183
M	86	Livingston Ave Deville Dr to SR 256	R	4
M	86	Livingston Ave Deville Dr to SR 256	C	1729
M	92	W Main St from I-71 to Cleveland Ave	C	900
M	103	Souder Ave across Scioto to US 33 & Rick. Park	R	94
M	103	Souder Ave across Scioto to US 33 & Rick. Park	C	1124
M	107	I-670 from Harrison Ave to Neil Ave	R	4
M	107	I-670 from Harrison Ave to Neil Ave	C	44
M	109	Nationwide Blvd from Neil Ave to Front St	R	58
M	109	Nationwide Blvd from Neil Ave to Front St	C	4338
M	110	Olentangy River Rd from Third Ave to Goodale St	C	2368
M	111	SR 315 from south of Third Ave to Third Ave	C	1420
** Subtotal **				\$18036
** Funding Source RS				
RS	31	Norton Rd SR 665 to Kropp Rd	C	2306
RS	79	Del & Fra Co Sign Upgrade (Various State Highways)	C	4
** Subtotal **				\$2310
*** Total ***				\$141461
- See page 21 for explanation of phase and funding codes.				
- Map Ref Number refers to numbers used on project listing.				
- * Identifies new project				



Table 2  
Anticipated Projects  
For Consideration in FY - 91 by Project Type  
(July 1, 1990 - June 30, 1991)

Project Map Ref Type	Highway Projects Number		Phase	Federal Funds (000's)
** Project;Type BIKE				
BIKE	26	Olentangy Bikeway Ext Wilson Bridge - Wor Hills	C	196
BIKE	89	Westerville Bikeway Schrock Rd to Maxtown Rd	R	110
BIKE	89	Westerville Bikeway Schrock Rd to Maxtown Rd	C	350
** Subtotal **				\$656
** Project;Type BRIDGE				
BRIDGE	8	Indianola Ave over Iuka Ave	C	346
BRIDGE	9	Joyce between Fifth and Twelfth Ave	C	2544
BRIDGE	28	Replace Home Rd Bridge improve approaches	C	420
BRIDGE	47	East Broad St over Alum Creek	C	299
BRIDGE	56	Jackson Pike over Scioto Big Run	C	120
BRIDGE	68	Riverside Dr over Slate Run	C	125
BRIDGE	78	US 62 over Rose Run	C	110
** Subtotal **				\$3964
** Project;Type I4R				
I4R	4	Traffic Management Program in Greater Columbus	C	446
I4R	7 *	Traffic Management System I 70 and I 71	PE	180
I4R	7 *	Traffic Management System I 70 and I 71	C	2070
I4R	57	Tower lighting I 270 & US 62, Georgesville, and SR 23	C	369
I4R	58	Tower Lighting/Repair N of I 70 to S of Hilliard	C	1217
I4R	59	Tower Lighting/Repair/New Construction I 270 S of Hilliard-Cemetery to N of SR 161,US 33	PE	0
I4R	59	Tower Lighting/Repair/New Construction I 270 S of Hilliard-Cemetery to N of SR 161,US 33	C	8927
I4R	60	Repair I 270 N of SR 161 & US 33 to E of SR 257	C	1577
I4R	61	Tower lighting I 270 & SR 315	C	508
I4R	62	Tower lighting I 270 & US 62N & Johnstown Rd int	C	1611
I4R	64	I 270 at US 23 & I 71 Resurfacing and Tower Light	C	5716
** Subtotal **				\$22621



Table 2  
Anticipated Projects  
For Consideration in FY - 91 by Project Type  
(July 1, 1990 - June 30, 1991)

Project Map Ref Type	Highway Projects Number		Phase	Federal Funds (000's)
** Project;Type NEFW				
NEFW	115	Cleveland Ave over I 670 & RR	C	2525
NEFW	116	St Clair over RR	C	2266
NEFW	118	I 670 St Clair Ave to relocated Leonard Ave	C	14222
NEFW	119	I 670 from Third St to Cleveland Ave	R	360
NEFW	119	I 670 from Third St to Cleveland Ave	C	16200
NEFW	120	I 670 from Cleveland Ave to I 71	R	338
NEFW	120	I 670 from Cleveland Ave to I 71	C	7905
NEFW	121	I 670 from I 71 to St Clair Ave	R	270
NEFW	121	I 670 form I 71 to St Clair Ave	C	14640
NEFW	121	I 670 form I 71 to St Clair Ave	C	210
NEFW	122	Fort Hayes Interchange Area	R	36
NEFW	122	Fort Hayes Interchange Area	C	2080
NEFW	122	Fort Hayes Interchange Area	C	170
NEFW	126	Sunbury Rd to Alum Creek	C	810
NEFW	127	Alum Creek to I 270	C	720
NEFW	129	R/W Plan and Purchase	R	1230
** Subtotal **				\$63982
** Project;Type OTHER				
OTHER	1	* Purchase 4 New Lift Equipped Buses	C	817
OTHER	42	* Columbus Metrroides	C	50
OTHER	43	* Columbus Metrroides	C	301
OTHER	71	* SR 23 Park & Pool Parking Lot	ROW	90
** Subtotal **				\$1258
** Project;Type SPSS				
SPSS	100	I 670 Grandview Ave to US 23 Sludge Lagoon Test	C	289
SPSS	103	Souder Ave across Scioto to US 33 & Rick. Park	R	94
SPSS	103	Souder Ave across Scioto to US 33 & Rick. Park	C	930
SPSS	103	Souder Ave across Scioto to US 33 & Rick. Park	C	1124
SPSS	107	I-670 from Harrison Ave to Neil Ave	R	445
SPSS	107	I-670 from Harrison Ave to Neil Ave	R	4
SPSS	107	I-670 from Harrison Ave to Neil Ave	C	8315
SPSS	107	I-670 from Harrison Ave to Neil Ave	C	44
SPSS	108	I-670 from Chessie track to Harrison Ave	R	178
SPSS	108	I-670 from Chessie track to Harrison Ave	C	9988



Table 2  
Anticipated Projects  
For Consideration in FY - 91 by Project Type  
(July 1, 1990 - June 30, 1991)

Project Type	Map Ref Number	Highway Projects	Phase	Federal Funds (000's)
SPSS	109	Nationwide Blvd from Neil Ave to Front St	R	58
SPSS	109	Nationwide Blvd from Neil Ave to Front St	C	4338
SPSS	110	Olentangy River Rd from Third Ave to Goodale St	C	2368
SPSS	111	SR 315 from south of Third Ave to Third Ave	R	65
SPSS	111	SR 315 from south of Third Ave to Third Ave	C	6015
SPSS	111	SR 315 from south of Third Ave to Third Ave	C	1420
SPSS	113	SR 315 from Sullivant Ave to W Mound St	C	1580
** Subtotal **				\$37255
** Project;Type SSD				
SSD	24	Ice and weather info system for various routes	C	231
SSD	24	Ice and weather info system for various routes	C	194
SSD	46	US 33 Hocking Co line to Fra. Co line sign replace	C	67
SSD	79	Fra & Del Co Sign Upgrade (Various State Highways)	C	148
SSD	79	Fra & Del Co Sign Upgrade (Various State Highways)	C	35
SSD	79	Fra & Del Co Sign Upgrade (Various State Highways)	C	4
** Subtotal **				\$679
** Project;Type WIDEN				
WIDEN	31	Norton Rd SR 665 to Kropp Rd	C	2306
WIDEN	36	Granville St from Mill St to Hamilton Rd	R	353
WIDEN	37	Hamilton RD from Morrison Rd to Granville St	R	240
WIDEN	41	Hilliard Cemetary Rd to Main St to Leap Rd	C	2513
WIDEN	44	SR 16 from Franklin Co Line to Summit Rd	C	250
WIDEN	83	SR 256 at SR 204 and I 70 Saftey Improvements	R	513
WIDEN	83	SR 256 at SR 204 and I 70 Saftey Improvements	C	630
WIDEN	83	SR 256 at SR 204 and I 70 Saftey Improvements	C	425
WIDEN	85	Livingston Ave from Briceton Rd to Deville Dr	C	1183
WIDEN	86	Livingston Ave Deville Dr to SR 256	R	4
WIDEN	86	Livingston Ave Deville Dr to SR 256	C	1729
WIDEN	92	W Main St from I-71 to Cleveland Ave	C	900
** Subtotal **				\$11046
*** Total ***				\$141461

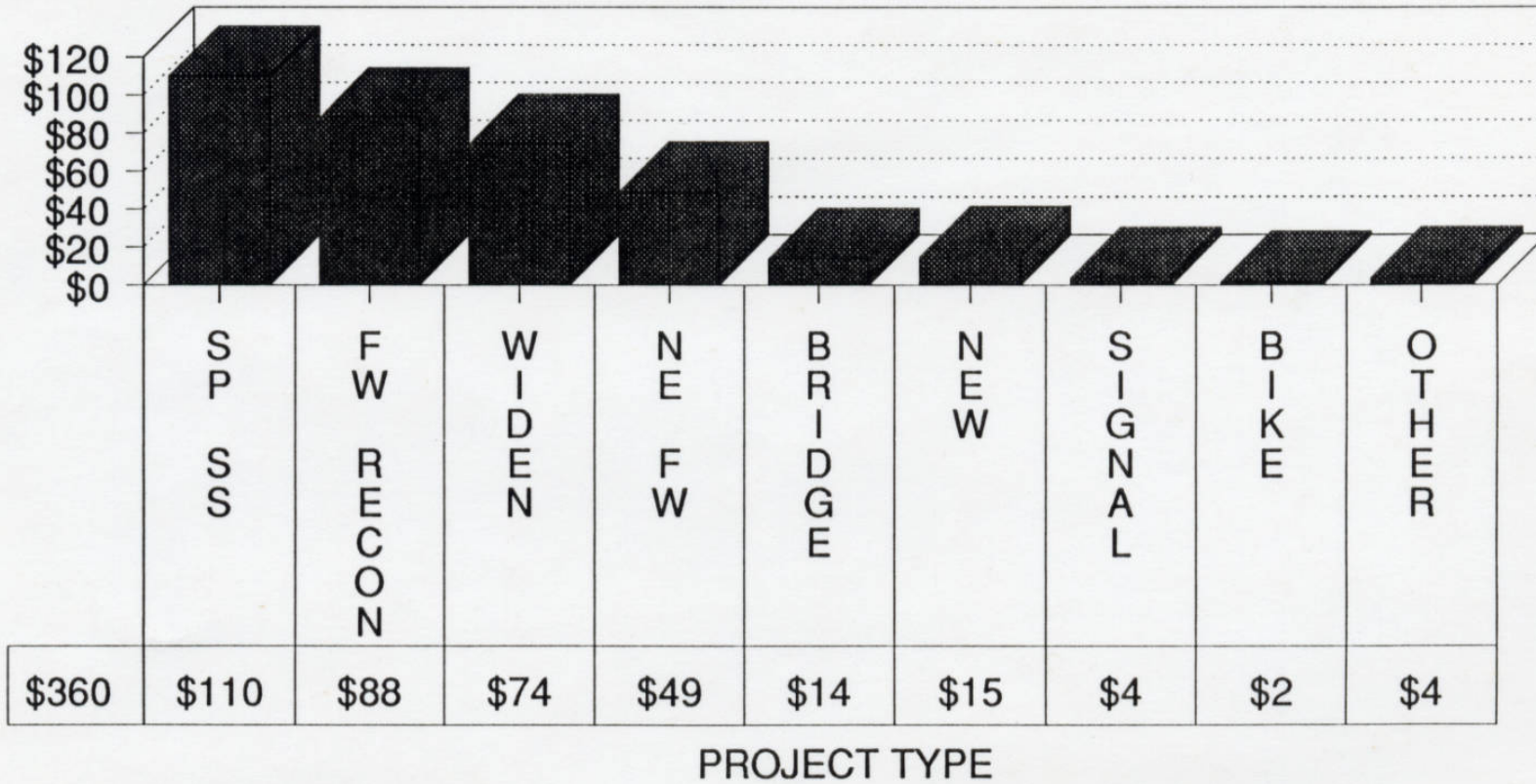
- Map Ref Number refers to numbers used on project listing.  
- \* Identifies new project.



# FY 1991-1995+ TIP HIGHWAY PROGRAM

## FEDERAL FUNDS BY PROJECT TYPE

IN MILLIONS OF DOLLARS



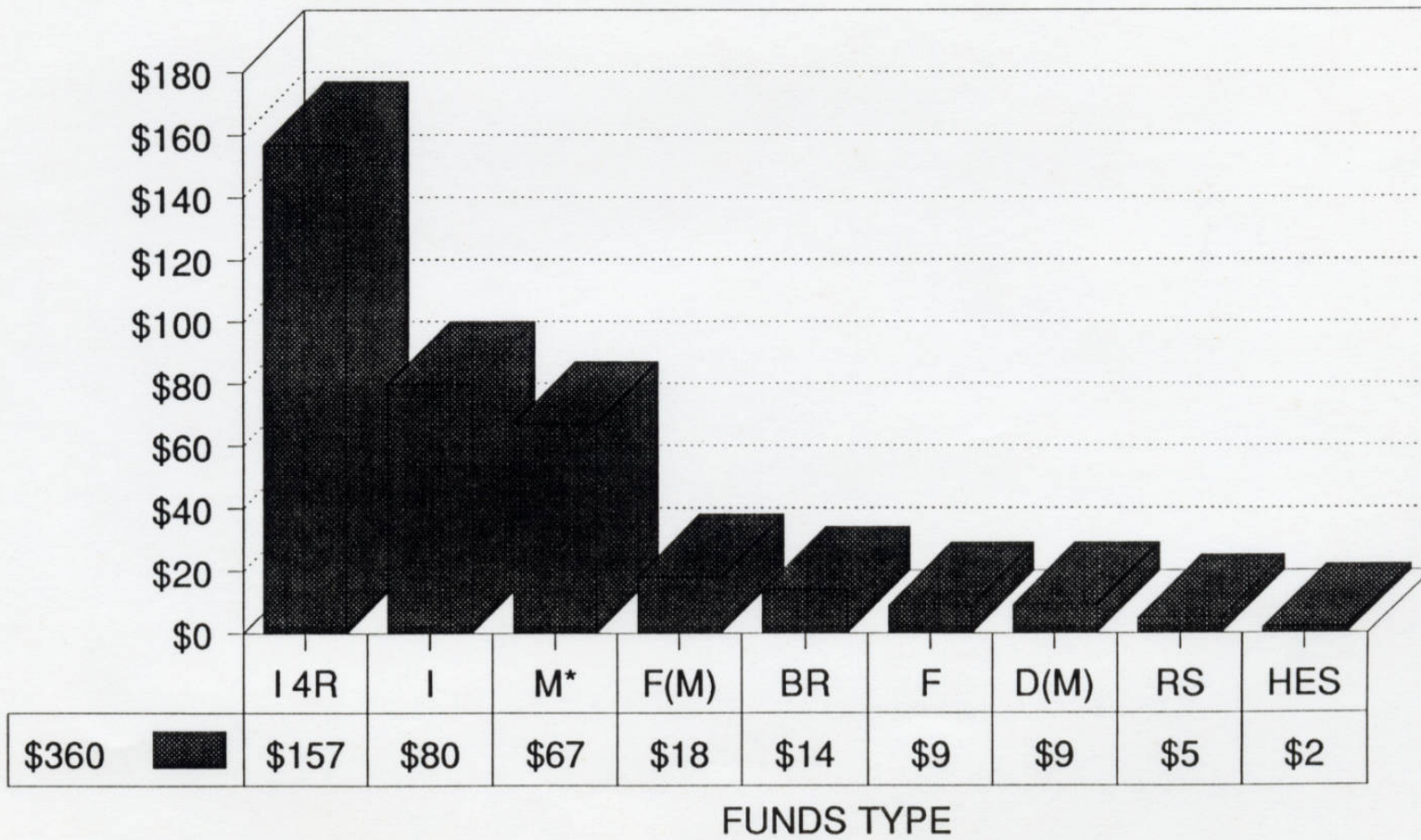
■ \$360

\* INCLUDES TOWER LIGHTING



# FY 1991-1995+ TIP HIGHWAY PROGRAM FEDERAL HIGHWAY FUNDS PROGRAMMED (TOTAL = 360,000)

IN MILLIONS OF DOLLARS



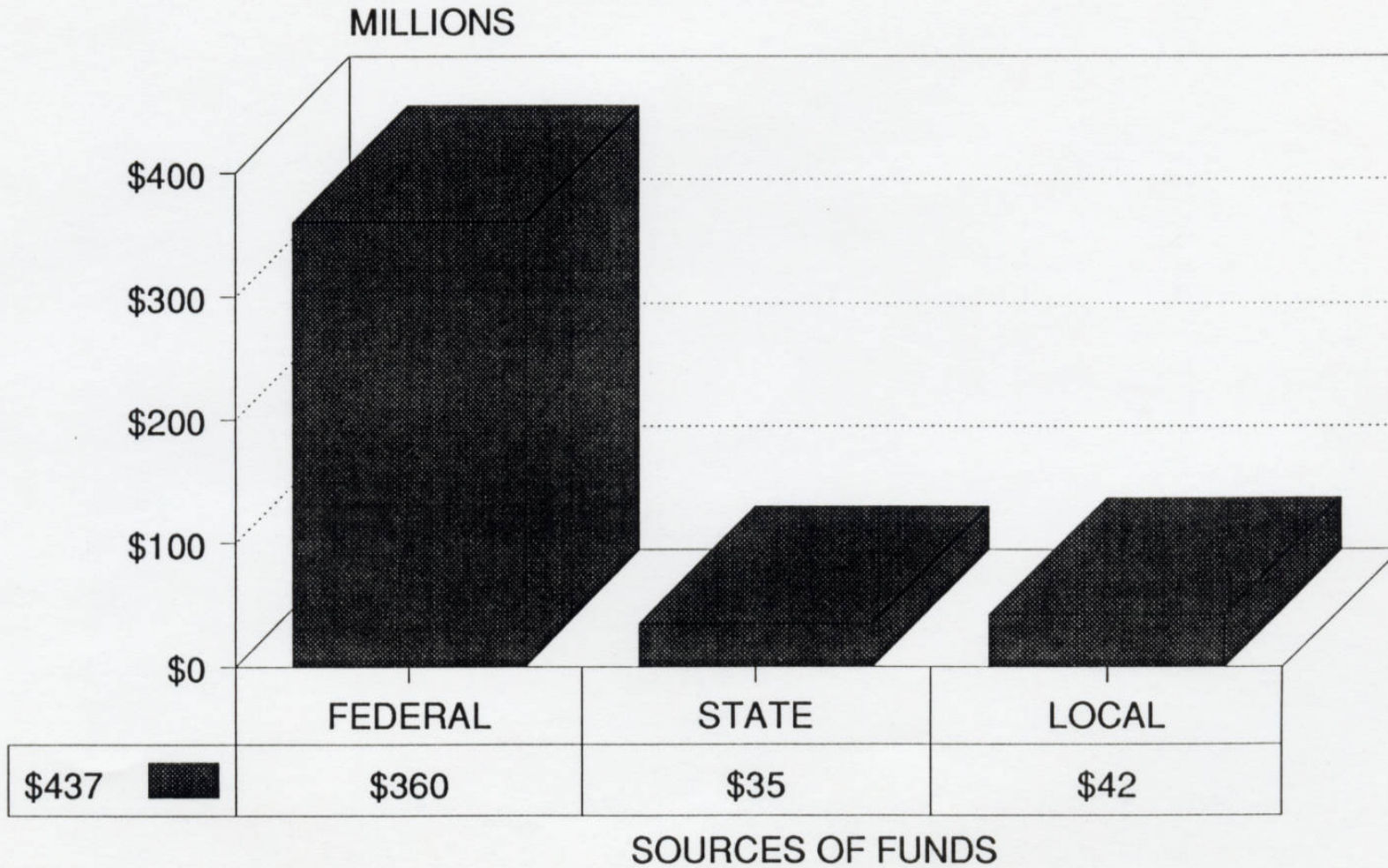
\*M INCLUDES M(A) MONIES



# HIGHWAY FUNDING SOURCES

FY 1991 - 1995+ TIP HIGHWAY PROGRAM

IN MILLIONS OF DOLLARS



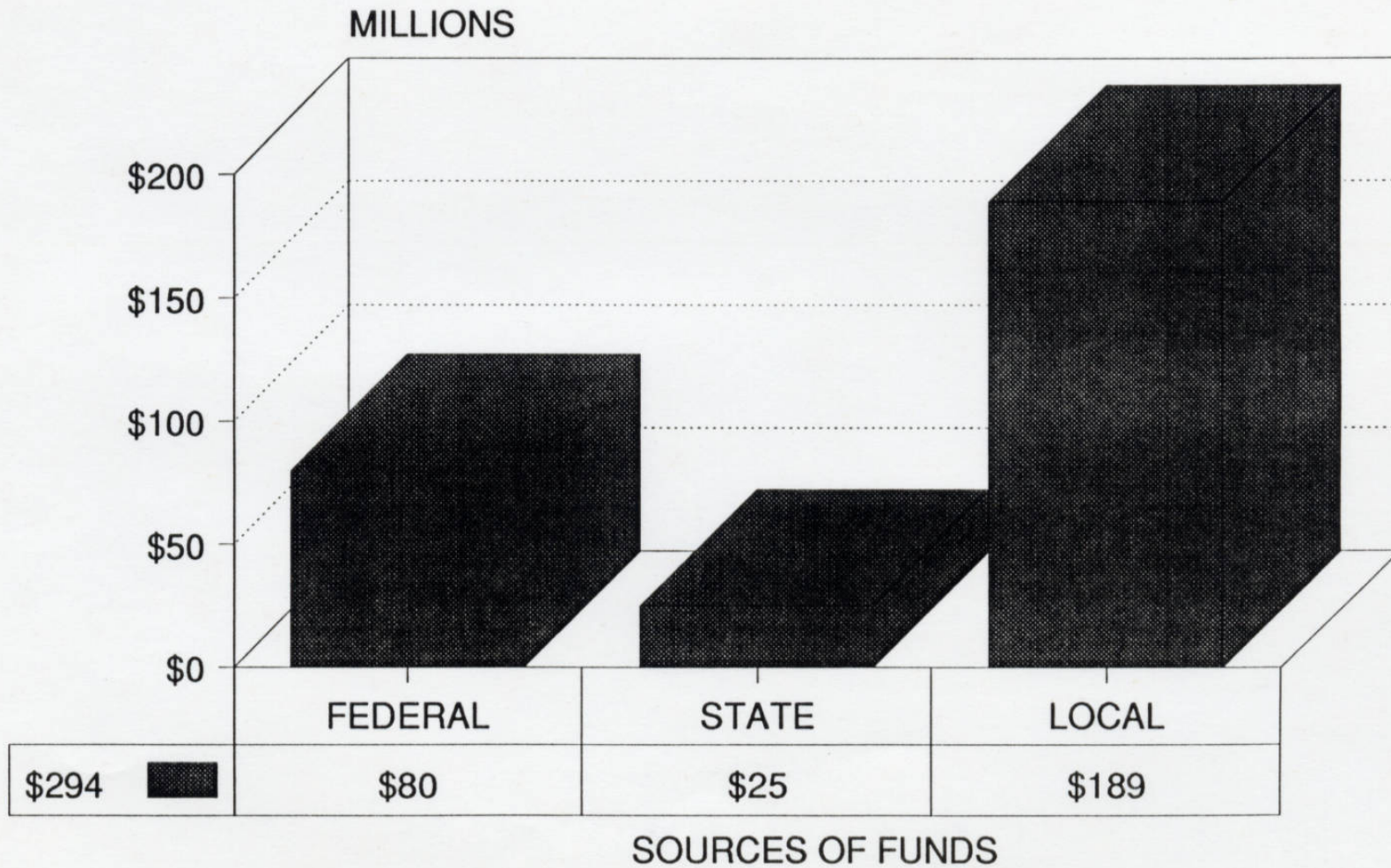


# TRANSIT FUNDING SOURCES

## FIVE YEAR PROGRAM 1991-1995

### IN MILLIONS OF DOLLARS

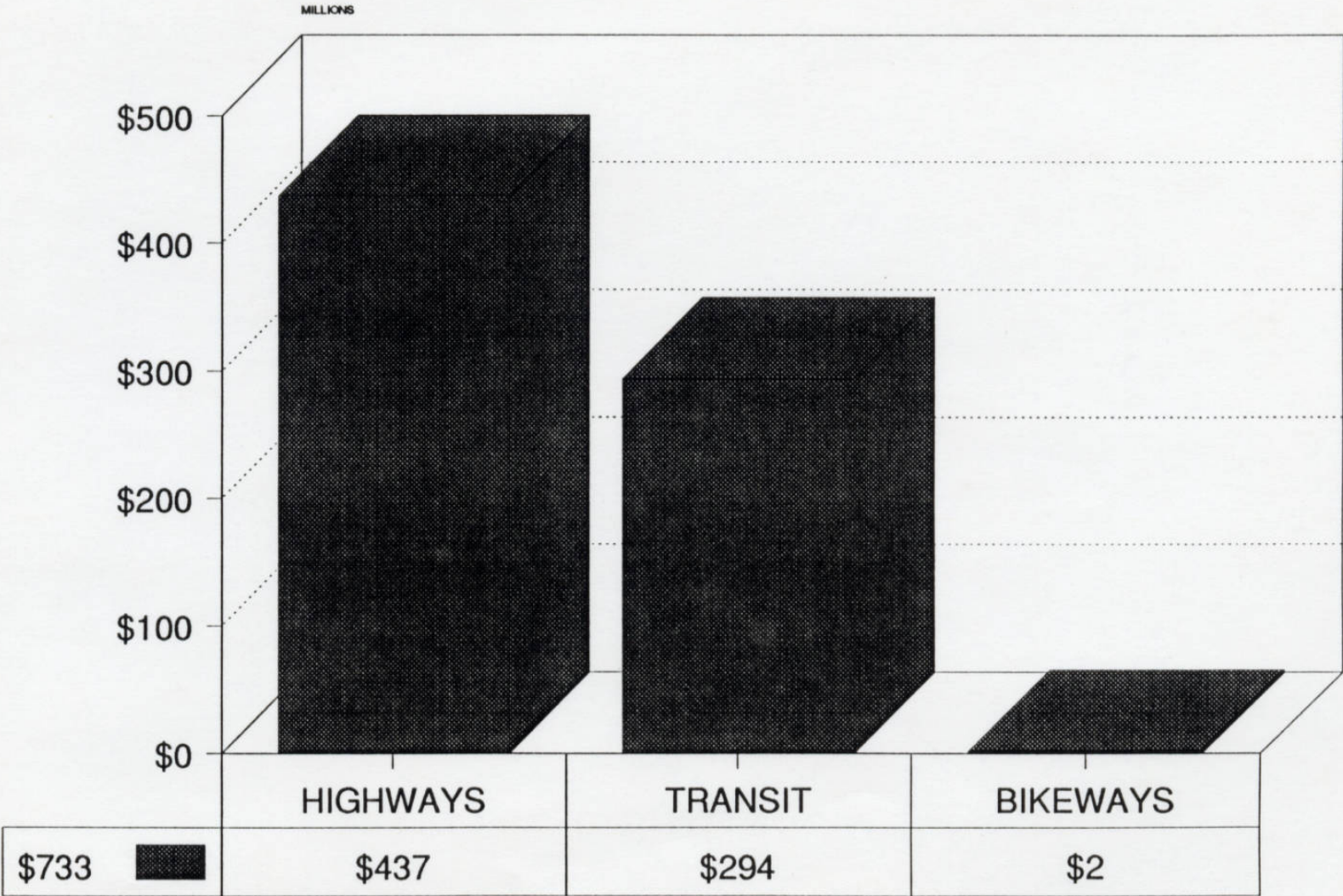
15





# DISTRIBUTION OF FUNDS WITHIN THE TIP

IN MILLIONS OF DOLLARS  
(FEDERAL, STATE & LOCAL SHARE)





## AIR QUALITY IMPACTS

Section 176(c) of the Clean Air Act requires that any program or plan adopted by MORPC must be in conformance with the adopted State Implementation Plan (SIP) for the attainment of air pollution standards. Section 109(j) of Title 23-Highways also requires that transportation plans and programs be assessed for air quality and be consistent with the adopted SIP.

The SIP for attainment of carbon monoxide (CO) and ozone (O<sub>3</sub>) pollutants was adopted by MORPC in December, 1978. In accordance with the revised 0.12 parts per million standard for O<sub>3</sub>, MORPC prepared a revised SIP in April, 1979. This revised SIP contains the HC and CO emissions data discussed in the following paragraphs.

To meet the O<sub>3</sub> standard, the Mid-Ohio Region was required to reduce hydrocarbon (HC) emissions from a 1975 level of 55,268 tons per year (tpy) to 41,451 tpy by December 31, 1982, a reduction of 13,817 tpy. Through the Federal Motor Vehicle Control Program (FMVCP: lower new car emissions), controls on stationary and area sources, and transportation control measures (TCMs), an estimated reduction of 18,758 tpy was realized by the end of 1982. This created a growth cushion of 4,941 tpy for HC in 1982. By 1987, this HC growth cushion was projected to be 13,290 tpy. To show RFP for FY 1989, 24.5 tpy were assumed.

Of the total HC emission reduction projected for 1982, 31 tpy was the result of TCMs. By 1987, TCMs will result in an additional 245 tpy HC reduction. Thus, for the 7 years between 1975 and 1982, the HC annual incremental emission reduction from TCMs necessary to demonstrate reasonable further progress was 4.5 tpy. Between 1982 and 1987, the annual incremental reduction required from TCMs will be 49 tpy for HC. On a fiscal year basis, the following annual incremental reductions from TCMs are required to demonstrate reasonable further progress: FY 1976: 2.2 tpy; FY 1977-1982: 4.5 tpy; FY 1983: 26.8 tpy; FY 1984-1987: 49 tpy; FY 1988: 24.5 tpy.

To meet the CO standard, the region was required to reduce CO emissions from a 1975 level of 266,735 tpy to 211,788 tpy by December 31, 1982, a reduction of 54,947 tpy. Through stationary source controls and the FMVCP, an estimated reduction of 67,210 tpy was realized by the end of 1982, creating a growth cushion of 12,263 tpy. By 1987, this CO growth cushion was projected to be 74,325 tpy. Since the standard was achieved through the emission reductions resulting from the stationary source controls and the FMVCP, no specific commitment to TCMs was necessary for CO.



The TCM-related emission reductions discussed above result from transit and street improvement projects listed on the TIP, as well as from other projects, such as MORPC's efforts in ridesharing. The air quality impacts of these TIP projects must be analyzed to ensure that the committed TCM-related annual incremental emission reductions are achieved. This air quality analysis includes both the emission reductions realized from projects implemented (opened to traffic) during the previous fiscal year (FY 1990) and the projected emission reductions expected to result from projects scheduled for implementation in the upcoming fiscal year (FY 1991). Through this analysis, the 109(j) consistency and 176(c) conformance of the TIP and the SIP can be demonstrated. The air quality analysis can be found in Appendix A.

Following is a summary of the TIP projects implemented (opened to traffic) in FY 1991 which produced significant emission impacts, along with those projects scheduled for implementation during FY 1991 which are projected to produce significant emission reductions. This summary includes the estimated emission impacts for each TIP project. None of these projects are on the SIP.



Project	SIP Page Numbers			Emission Reductions	
	Finan.	Tech.	Map	(tpy)	
			Map #	HC	CO
-----					
Impacts for Fiscal Year 1990					
1. MetroRides ridesharing project			Not in SIP	11.8	142.6
2. COTA transit improvements			Modified from SIP listings	(4.1) Increase	(60.5) Increase
3. Cleveland Avenue signalization project (6 signals between Oakland Park Avenue and Ferris Road)			Not in SIP	17.5	258.8
4. Hilliard-Cemetary widening			Not in SIP	.3	5.2
5. Broadway widening			Not in SIP	.9	15.3
6. Kenny/Godown			Not in SIP	.4	3.8
7. New Tuttle Rd. Interchange at I-270			Not in SIP	10.6	125.1
TOTAL FY 1990 REDUCTIONS OVER FY 1989				37.4	490.3



Project	SIP Page Numbers			Emission	
	Finan.	Tech.	Map	Reductions	
			Map #	(tpy)	
				HC	CO
-----					
Impacts for Fiscal Year 1991					
1. MetroRides ridesharing project		Not in SIP		24.6	297.6
2. COTA transit improvements		Modified from SIP listings		3.9	50.7
3. Columbus Part 1 Phase 4 Signalization Project		Not in SIP		125.3	1856.7
4. Columbus Part 1 Phase 5 Signalization Project		Not in SIP		76.6	1134.7
5. I-670 Section AA New Freeway		Not in SIP		0.7	11.7
6. I-670 Section AL New Bridge		Not in SIP		0.3	5.9
7. I-670 Section K New Freeway		Not in SIP		1.9	17.0
8. Bethel Rd Widening		Not in SIP		0.4	7.5
TOTAL FY 1991 REDUCTIONS OVER FY 1990				233.1	3381.1



## Handicapped Special Efforts

The Central Ohio Transit Authority will continue efforts to increase the productivity of Project Mainstream. Vehicles have been acquired to better serve the handicapped in central Ohio.



## Participation by Private Transportation Providers

### Fiscal Year 1990 Activities

The Mid-Ohio Regional Planning Commission has a commitment to complying with UMTA's guidance in Circular 7005.1. A review of MORPC and COTA procedures in SFY 1990 has led to measures to strengthen the process in the coming year.

MORPC has provided input to the planning process for several years. In 1986 membership on the Transportation Advisory Committee was expanded to provide for representation of charter bus operators. The TAC had already provided representation for taxicab operators. The TAC now provides two seats for representation of the private transportation sector.

MORPC's process provides for participation of the private sector in all planning activities through representation on the TAC.

In addition, MORPC sponsored an early consultation meeting between COTA and private sector providers to review COTA's updated five year service plan and program of projects. Meetings of this nature will help ensure full participation in the planning process by the private sector.

As a result of this meeting, MORPC became aware of a conflict in service planning between COTA and a private charter operator. The charter operator has announced plans to operate a circulator bus service mid-day in the Columbus CBD. A similar service proposal was contained in COTA's SFY 1991 operating plan.

As a result, MORPC has advised COTA of the potential for a complaint and a possible violation of Section 3 (e) of the UMT Act. COTA has been further advised not to initiate this service until the private operator has had full opportunity to provide the service. MORPC has not programmed this service in the TIP.

This is the only proposal received from the private sector in the past year.

### Procedures and Complaints

In response to UMTA's guidance in 1986, COTA and MORPC collaborated on a process to obtain and evaluate service proposals from the private sector for future additional public transportation services. This procedure is contained in Section VIII of COTA's Short Range Transit Plan which has been adopted by MORPC as a part of the Regional Transportation Plan.



To date, this procedure has been impossible to implement due to a clause contained in COTA's contract with Local 208 of the Transport Workers Union. This clause currently prohibits COTA from contracting any transportation work to the private sector with the exception of paratransit service for people with physical disabilities.

In 1990 a complaint concerning MORPC and COTA compliance with Circular 7005.1 was received from the Ohio School and Transit Association (OSTA). A copy of the OSTA complaint is contained in Appendix B. MORPC and COTA responded to the complaint which is also contained in Appendix B.

#### Planned Activities in Fiscal Year 1991

As a result of a review of MORPC and COTA procedures to comply with Circular 7005.1, measures will be taken in FY'91 to strengthen the process. The first step will be the formation of a standing subcommittee of the Transportation Advisory Committee. This committee will be the Public/Private Transportation Coordinating Committee which will meet quarterly to provide input to the process. The committee structure and functions will be refined this year.

In the review, it was determined that a process to resolve disputes between public and private providers of transportation does not exist. This will be addressed immediately by MORPC in FY'91. The aforementioned committee will play a role in defining this process.

MORPC will also notify and work with COTA to strengthen the planning process to more fully evaluate the use of private sector involvement to provide services. This will include a periodic examination of services to determine if efficiencies could be gained by private sector participation.



## GUIDE TO TIP PROJECT LISTING

Contained below is a guide to some of the headings and abbreviations used in the Transportation Improvement Program (TIP) project listing pages that follows.

MAP REF NO - Map Reference Number - Serves as the TIP project number and corresponds to the number used on the accompanying TIP map for those projects that are location specific.

PROJECT ID - Project Identification - Identifies project by county, road and mileage designations, where applicable. Project phase or segment identification may also be indicated.

PF = ODOT Program Form Number NP = Not Programmed (no approved PF)

FY - Fiscal Year and PHASE - Shows project development phase(s) scheduled by fiscal year for short range period (FY 1991-1995). For informational purposes, project phase(s) occurring in the long range period (FY 1996-2000) are also indicated. The year used is the State's fiscal year of July 1 to June 30, ending in the calendar year for which it is named.

P = Preliminary Engineering            R = Right of Way acquisition  
C = Construction

### FED FUND TYPE - Federal Funding Type

#### Bridge Funds:

BH = Bridge Rehabilitation Funds  
BR = Bridge Replacement Funds  
BHZ = Bridge Rehabilitation Off-System Funds  
BRZ = Bridge Replacement Off-System Funds  
DM = State Discretionary FAUS Funds  
F = Federal-aid Primary System Funds  
F(M) = M-fund Transfer to the Primary System  
HES = Hazard Elimination Safety Funds  
I = Interstate (new construction) Funds  
IR = Interstate Rehabilitation Funds  
M = Federal-aid Urban System (FAUS) Funds  
RS = Federal-aid Secondary System Funds  
3 = UMTA Section 3 Public Transit Discretionary Funds  
5 = UMTA Section 5 Public Transit Formula Grants  
9 = UMTA Section 9 Formula Block Grants  
16(b) (2) = UMTA Section 16(b) (2) Funds for the Handicapped

P = Local Private Funds

TOTAL COST - Estimated costs for indicated phases inflated to the year of implementation using the Ohio Highway Construction Cost Index.



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Map Ref No	Project ID Co-Rte-Sec PF# PID	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
1*	FRA-COTA-Buses	COTA Service Area	New Bus Purchase	0.000	91	C	M	1089	817	136	136	COTA
		Purchase 4 New Lift Equipped Buses										
2	FRA-I 70	Brice Rd Interchange	Upgrade interchange	1.000	93	C	IR	3000	2700	270	30	Columbus
		with I-70										
		NP										
3	FRA-Fifth Ave	Fifth Ave from Olen-	Widen to five lanes	0.420	93	C	M	1302	977	0	325	Columbus
		tangy River Rd to Battelle Blvd										
		NP										
4	FRA-I 70/71/270/670 Various	Greater Columbus Metropolitan Area	Traffic Management Program	0.000	91	C	IR	495	446	49	0	Columbus
		Traffic Management Program										
		FRA-189 7458										
5	FRA-Hard Rd	Hard Rd from Smoky Row to Linworth Rd	Widen to five lanes/ Grade separation	1.330	93	C	M	4942	3707	0	1235	Columbus
		NP										
6	FRA-I 670-3.93	I-670 from Third St to the Outerbelt	New Freeway	0.000	91	R		54650	49114	4967	621	Columbus
		(see project listing for details)				C						
		Varies										
7*	FRA-I 70 & I-71	I-70 from W of SR 315 E to I-270 and I-71 from I-70 N to I-270	Traffic Management System	18.000	91	PE	IR	200	180	20	0	Columbus
		Traffic Management System			91	C	IR	2300	2070	230	0	
		NP										

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Map Ref No	Project ID Co-Rte-Sec PF# PID	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
8	FRA-Indianola	Indianola Ave over Iuka Ave	Bridge Replacement	0.060	91	C	BR	432	346	0	86	Columbus
	FRA 176 4626											
9	FRA-Joyce	Joyce Ave between Fifth and Twelfth Avenues	Replace bridge and improve approaches	0.680	91	C	BR	3480	2544	0	936	Columbus
	NP											
10	FRA-Kenny/Godown	Kenny/Godown from Henderson Rd to Bethel Rd	Widen to five lanes	1.000	96+	C	M	1116	837	0	279	Columbus
	NP											
11	FRA-LIV	Livingston Ave from Nelson Rd to College Ave	Widen to six lanes	0.540	92	C	F(M)	1302	976	0	326	Columbus
	NP											
12*	FRA-SR 161-10.84	SR 161 at four intersections Sinclair and Busch Blvd and two interchanges	Widen Intersections	1.640	92	C	HES	1348	1213	67	67	Columbus
	FRA 190 7692											
13	FRA-SR 161	SR 161 from Cherry Bottom Rd to Hamilton Rd	Widen to three (or 5) lanes	1.330	96+	C	F(M)	4650	3488	0	1162	Columbus
	NP											
14*	FRA-SR 315-3.48	SR 315 Interchange at Cannon Dr NB exit ramp and SB entrance ramp	New Interchange Construction	0.800	93	C	DM	5500	4400	825	275	Columbus
	2052 7930											



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Map Ref No	Project ID Co-Rte-Sec PF# PID	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
15	FRA-Sinclair	Sinclair Rd from Freeway Dr South north to SR 161	Widen to five lanes	1.460	95	C	M	4428	3321	0	1107	Columbus
	NP											
16	FRA-I 670-1.25-1.27	Spring-Sandusky Interchange (see project list for details)	New Roadways	0.000	91	R C		127071	110146	11913	5075	Columbus
	Varies											
17	FRA-Sullivant	Sullivant Ave from Norton Rd to Georgesville Rd	Widen to five lanes	1.540	92	C	M	2900	2175	0	725	Columbus
	NP				92	C	IR	2070	1890	189	210	
18	Olentangy-Bikeway Extension	Tuttle Park to Como Park Bikeway Extension	New Bikeway	1.100	92	C	DM	1035	1035	0	0	Columbus
	185 7744											
19	FRA-SR-161	SR 161 from US 33 to SR 315	Widen to five lanes/ RR grade separation	3.870	95	C	F(M)	15718	11789	0	3929	Columbus/Dublin
	NP											
20	FRA-I 270	Sawmill Rd Interchange with I-270	Upgrade Interchange	1.000	92	C	IR	8000	7200	720	80	Columbus/Dublin
	NP											
21	FRA-Lane Ave	Lane Ave from Olentangy River Rd to Neil Ave	Widen to five lanes	0.460	96+	C	M	1452	1089	0	363	Columbus/ FRA Bridge
	NP											

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Map Ref No	Project ID Co-Rte-Sec PF# PID	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
22	FRA-Cleveland	Cleveland Ave from Ferris Rd to Minerva Park	Widen to five lanes	1.670	92	C	M	2046	1534	0	512	Columbus/Franklin
	NP											
23	FRA-I 70	Hamilton Rd Interchange with I-70	Upgrade interchange	1.000	94	C	IR	5000	4500	450	50	Columbus/ODOT
	NP											
24	FRA-VARIOUS	Ice and Weather Information System on Various State, Interstate and Local Routes	Ice and Weather Information System	0.000	91	C	M	258	194	0	64	Columbus/ODOT
	NP				91	C	IR	257	231	0	26	
25	FRA-COL Sig Part B	Computer signalization of various intersections	Signals	0.000	93	C	M	3800	3800	0	0	Columbus/Various
	NP											
26	FRA-Olentangy Bikeway Extension	Wilson Bridge Rd to Worthington Hills Park Bikeway	New Bikeway	1.100	91	C	DM	196	196	0	0	Columbus/Worthington
	FRA 171 4723											
27*	DEL-CR 14-1.39	CR 14 from US 23 to .2 mile E of Old State Rd & CR 10 3000' S of Powell Rd to N of Powell Rd	Widen and other improvements	1.330	94	R	RS	200	150	0	0	Delaware County
	8031				96	C	RS	2530	1898	0	632	
28	DEL-CR 124	Home Road over the Olentangy River in Liberty Twp	Replace bridge improve approaches	0.090	91	C	BRZ	560	420	0	140	Delaware County
	DEL 21 4376											







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Map Ref No	Project ID Co-Rte-Sec PF# PID	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
36	FRA-SR 317-Phase 2	Granville St from Mill St to Hamilton Rd	Widening	0.620	91 92	R C	M M	470 1888	353 1416	0 0	118 472	Gahanna
	2032 6403											
37	FRA-SR 317-Phase 1	Hamilton Rd from Morrison Rd to Granville St	Widening	0.000	91 92	R C	M M	320 3270	240 2453	0 0	80 817	Gahanna
	2031 6401											
38*	FRA-Gahanna Bikeway Phase 2	Morse Rd and Cherry- bottom to Woodside Green Park and existing subdivision Bikeways	New Bikeway	1.500	92	C	DM	380	380	0	0	Gahanna
	NP											
39	FRA-I 71-9.53	Stringtown Road over I-71	Bridge, roadway & ramp widening	0.300	92 92	R/C C	M IR	100 1440	75 1206	0 121	25 13	Grove City
	2063 7384											
40*	FRA-Main	Main St Reconstruction from SR 317 to Mohr Ave	Widen and Safety	0.510	96+	C	M	1336	1203	134	0	Groveport
41	FRA-Hill Cem	Cemetery Rd from Main St to Leap Rd	Widening from 2 to 4 lanes	1.300	91	C	M	3350	2513	0	839	Hilliard
	FRA 188 6452											
42*	FRA/DEL/LIC/FAI-Columbus Metrorides	Metrorides in Central Ohio	Ridesharing	0.000	91		M	50	50	0	0	MORPC
	NP											

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43*	FRA/DEL/LIC/FAI-Columbus Metrorides NP	Metrorides in Central Ohio FY 1992-1993	Ridesharing	0.000	91		DM	334	301	0	33	MORPC
44	LIC-SR 16-0.00 1418 5183	SR 16 from Franklin County line to Summit Rd	Resurfacing and add third lane	1.000	91	C	F	333	250	83	0	ODOT Dist 5
31 45	FAI-SR 256-2.85 1440 5617	SR 256 over George Creek	Bridge Replacement	0.010	92	C	BR	288	230	29	29	ODOT Dist 5
46	FAI-US 33-0.00 2453	US 33 From Hocking County line To Franklin County line	Sign Replacement	0.000	91	C	F	89	67	19	3	ODOT Dist 5
47	FRA-US 40-15.28 1871 4641	E Broad St over Alum Creek	Bridge Replacement	0.030	91	C	BR	374	299	38	38	ODOT Dist 6
48	FRA-US 40-23.97 1873 4643	E Main St over Blacklick Creek	Bridge Replacement	0.030	93	C	BR	316	253	32	32	ODOT Dist 6
49	FRA-I 70-14.78 1969 5881	I-70 from I-71 to Fairfield County line	Resurfacing	10.000	93	C	IR	8060	6494	1566	0	ODOT Dist 6



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50	FRA-I 70-7.60	I-70 from east of I-270 to US 40	Resurfacing	4.000	92	C	IR	3482	3106	376	0	ODOT Dist 6
	1951 5888											
52	FRA-I 71-0.00	I-71 from Pickaway County line to south of I-70	Resurfacing	15.000	93	C	IR	15359	12374	2985	0	ODOT Dist 6
	1970 4721											
53*	FRA-I 71-25.68 DEL-I 71-1.62	IR-71 from .78 miles S of SR 161 to I-270 and 1.62 miles N of Franklin Co line to 0.57 miles N of TR75	Resurfacing	15.720	94	C	IR	7000	6300	700	0	ODOT Dist 6
	1982 7278											
54	FRA-SR 104-2.51	Jackson Pike over Grant Run	Bridge Replacement	0.100	92	C	BR	420	334	86	0	ODOT Dist 6
	1589 4654											
55	FRA-SR 104-6.68	Jackson Pike over Marsh Run	Bridge Replacement	0.001	92	C	BR	92	74	18	0	ODOT Dist 6
	1805 4656											
56	FRA-SR 104-6.86	Jackson Pike over Scioto Big Run	Bridge Replacement	0.010	91	C	BR	150	120	15	15	ODOT Dist 6
	1590 4660											

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Map Ref No	Project ID Co-Rte-Sec PF# PID	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
57	FRA-I 270-2.13/4.97  1694 4454	Outerbelt (I-270) Interchange at US 62 (S), & Gerogesville Rd	Tower Lighting	2.000	91	C	IR	410	369	41	0	ODOT Dist 6
58	FRA-I 270-9.49  1949 6395	Outerbelt (I-270) 0.70 miles north of I-70 to 0.37 miles south of Hilliard-Cemetary Rd	Repair/Tower Lighting	2.800	91	C	IR	1352	1217	135	0	ODOT Dist 6
59	FRA-I 270-12.26  2039 6893	Outerbelt (I-270) 0.37 miles S of Hilliard-Cemetery Rd to 0.22 miles N of US 33	Repair/Tower Lighting /New Construction	5.300	91 91	PE C	IR IR	179 9919	0 8927	179 973	0 19	ODOT Dist 6
60	FRA-I 270-17.53  2040 6895	Outerbelt (I-270) 0.22 miles N of US 33 to 0.24 miles E of SR 257	Repair	1.500	91	C	IR	1752	1577	175	0	ODOT Dist 6
61	FRA-I 270-22.78  1696 4461	Outerbelt (I-270) Interchange at SR 315	Tower Lighting	2.000	91	C	IR	564	508	56	0	ODOT Dist 6
62	FRA-I 270-35.16 /35.51  1699 4335	Outerbelt (I-270) Interchanges at US 62(N) and Johnstown Rd	Tower Lighting	3.000	91	C	IR	1790	1611	179	0	ODOT Dist 6

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Map Ref No	Project ID Co-Rte-Sec PF# PID	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
63*	FRA-I-270	Outerbelt (I-270) from north of US 33 and SR 161 to SR 3	Widening	11.000	96+	C	IR	13200	11880	1188	132	ODOT Dist 6
	NP											
64	FRA-I 270-52.16 /52.72/54.95 1933 6901	Outerbelt (I-270) south from US 23 to I-71/tower lighting at US 23 (s) and I-71 (s)	Resurfacing/Tower Lighting	3.000	91	C	IR	6351	5716	635	0	ODOT Dist 6
34 64	FRA-I 270-52.16 /52.72/54.95 1933 6901	Outerbelt (I-270) south from US 23 to I-71/tower lighting at US 23 (S) and I-71 (S)	Resurfacing/Tower Lighting	3.000	91	C	IR	6351	5716	635	0	ODOT Dist 6
65	FRA-I 270-19.03 1950 6902	Outerbelt (I-270) E of SR 257 to W of Columbus corporate limits, tower lighting at Sawmill Rd	Repair/Tower Lighting	4.000	93	C	IR	5097	4551	546	0	ODOT Dist 6
66	FRA-I 270-37.00 /37.56/42.82 1948 5886	Outerbelt (I-270) E of SR 317 to S of Conrail RR, tower lighting at SR 317, 16, US 40(E) & I-70	Repair/Tower Lighting	6.000	93	C	IR	11518	10273	1245	0	ODOT Dist 6
67	DEL-SR 750-2.59 1686 4367	Powell Road over Bartholomew Run	Bridge Replacement	0.010	92	C	BR	148	118	15	15	ODOT Dist 6
68	FRA-US 33-7.30 1793 4630	Riverside Dr over Slate Run	Deck Replacement	0.010	91	C	BH	156	125	31	0	ODOT Dist 6

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Map Ref No	Project ID Co-Rte-Sec PF# PID	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
69	FRA-SR 16-16.25  1992 5825	SR 16 over Black-lick Creek (L&R)	Bridge Replacement	0.020	93	C	BR	1947	1398	354	195	ODOT Dist 6
70	FRA-SR 161-22.66  1993 5898	SR 161 over Geiger Run	Bridge Replacement	0.003	92	C	BR	104	69	35	0	ODOT Dist 6
71*	DEL-23 Park & Pool Lot  NP	US 23 south of Delaware Corporate Limit Park and Pool Parking Lot	Park & Pool Parking Lot	0.000	91 92	ROW C	M M	120 235	90 235	30 0	0 0	ODOT Dist 6
72	FRA-SR 315-5.10  1976 7583	SR 315 from Ackerman RD to I-270	Reconstruction	6.0	95	C	DM	2847	2135	427	285	ODOT Dist 6
73	FRA-SR 665-2.14  2006 5842	SR 665 1.35 miles west of Darbydale Over Spring Run	Bridge Replacement	0.006	93	C	BR	104	73	31	0	ODOT Dist 6
74	FRA-SR 665-5.32  1743 4602	SR 665 over Hellbranch Creek	Bridge Replacement	0.010	92	C	BR	112	90	22	0	ODOT Dist 6
75	FRA-SR 674-1.10  1875 5978	SR 674 over Lisle Run	Bridge Replacement	0.010	92	C	BR	116	93	23	0	ODOT Dist 6



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Map Ref No	Project ID Co-Rte-Sec PF# PID	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
76	PIC/FRA-US 23-12.92/0.00  1975 6926	US 23 from Old US 23 to SR 665	Reconstruction	10.000	93	C	F	3687	2716	971	0	ODOT Dist 6
77	FRA-US 33-0.00  1971 6449	US 33 from Union County line to Franklin Rd	Reconstruction	3.000	93	C	F	2650	1834	615	201	ODOT Dist 6
78	FRA-US 62-28.82  1690 4650	US 62 over Rose Run	Bridge Replacement	0.010	91	C	BR	138	110	14	14	ODOT Dist 6
79	DEL/FRA-Various  1578	Various state high-ways in Delaware and Franklin Counties Sign Upgrading	Sign Upgrading	0.000	91	C	IR F RS	165 47 6	148 35 4	17 12 2	0 0 0	ODOT Dist 6
80	FRA-US 40-3.60  1795 4636	W Broad St over Clover Run	Bridge Replacement	0.004	92	C	BR	175	140	35	0	ODOT Dist 6
81	FRA-US 40-2.94  1794 4634	W Broad St over the west fork of Hell-branch Run	Bridge Replacement	0.010	92	C	BR	133	106	27	0	ODOT Dist 6

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Mid-Ohio Regional Planning Commission  
 Transportation Improvement Program (TIP)  
 Fiscal Years 1991-1995

Map Ref No	Project ID Co-Rte-Sec PF# PID	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
82	FRA-US 62DA-1.30	W Town St over the Scioto River	Bridge Replacement	0.130	93	C	BR	6542	5233	0	1308	ODOT Dist 6
	1663 4645											
83	FAI-SR 256-0.00	SR 256 at SR 204 and I-70 Intersection Improvements	Intersection Improvements	0.760	91 91	R C	M IR HES	684 700 500	513 630 425	0 70 50	171 0 25	Pickerington/ODOT
	1627 8352											
84	FAI-SR 256-1.00	SR 256 from South of SR 204 to 1000' south of Refugee Rd	Widening from 2 to 4 lanes	2.160	94	C	M	3980	3000	750	230	Pickerington/ODOT
	8251											
85	FRA-Livingston Ave- Phases A and B	Livingston Ave from Briceton Rd to Deville Dr	Widening from 2 to 4 lanes	0.630	91	C	M	1577	1183	0	394	Reynoldsburg
	FRA 156 4590											
86	FRA-Livingston Ave- Phase C	Livingston Ave from Deville Dr to SR 256	Widening from 2 to 4 lanes	0.930	91 91	R C	M M	5 2304	4 1729	0 0	1 575	Reynoldsburg
	FRA 157 4592											
87	FRA-SR 256	SR 256 In Reynoldsburg Livingston S to Reynoldsburg City Limits	Widening	0.800	92 92	R C	M M	350 2700	263 2025	0 0	88 675	Reynoldsburg
	NP											

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Mid-Ohio Regional Planning Commission  
 Transportation Improvement Program (TIP)  
 Fiscal Years 1991-1995

Map Ref No	Project ID Co-Rte-Sec PF# PID	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
88	DEL/FRA-Cleveland Ave Extension FRA 181 5851	Cleveland Ave Extension from W Main St to SR 3	New Roadway	2.460	93 96	R C	M M	550 6450	413 4838	0 0	138 1612	Westerville
89	FRA-Westerville Bikeway FRA 160 4581	Conrail ROW from Schrock Rd to Maxtown Rd	New Bike Path	4.350	91 91	R C	DM DM	110 350	110 350	0 0	0 0	Westerville
38 90	FRA-Schrock Road Extension NP	Schrock Rd Extension from 0.66 miles east of Hempstead to Sunbury Rd	Construction of new roadway	0.660	96+	C	M	1288	966	0	322	Westerville
91	FRA-Smothers Rd Extension DEL 023 8006	Smothers Rd Extension from E of SR 3 to Worthington-Galena Rd	New Roadway	2.770	96+	C	M	5000	3750	0	1250	Westerville
92	FRA-W Main St FRA-184 7293	W Main St from I-71 to Cleveland Ave	Widening from 2 to 3 lanes	1.250	91	C	M	1200	900	0	300	Westerville

# YEAR 2010 HIGHWAY PLAN

## Map Showing Deficiencies and Recommended Improvements

(see corresponding list)

Prepared By  
Mid-Ohio Regional Planning Commission  
285 E. Main St., Columbus, OH 43215  
June, 1989

### LEGEND

**123** Map Location Number

#### Major Roadway Improvements:

- Major Widening
- Interchange Upgradings
- OR ●●●● New Locations

#### TSM-Type Improvements:

- Minor Widening/Safety
- Intersection Improvements
- ▲ OR ●●●● Operational Improvements

#### Deficient Location Only:

- Improvement Elsewhere
- OR ●●●● No Improvement Recommended

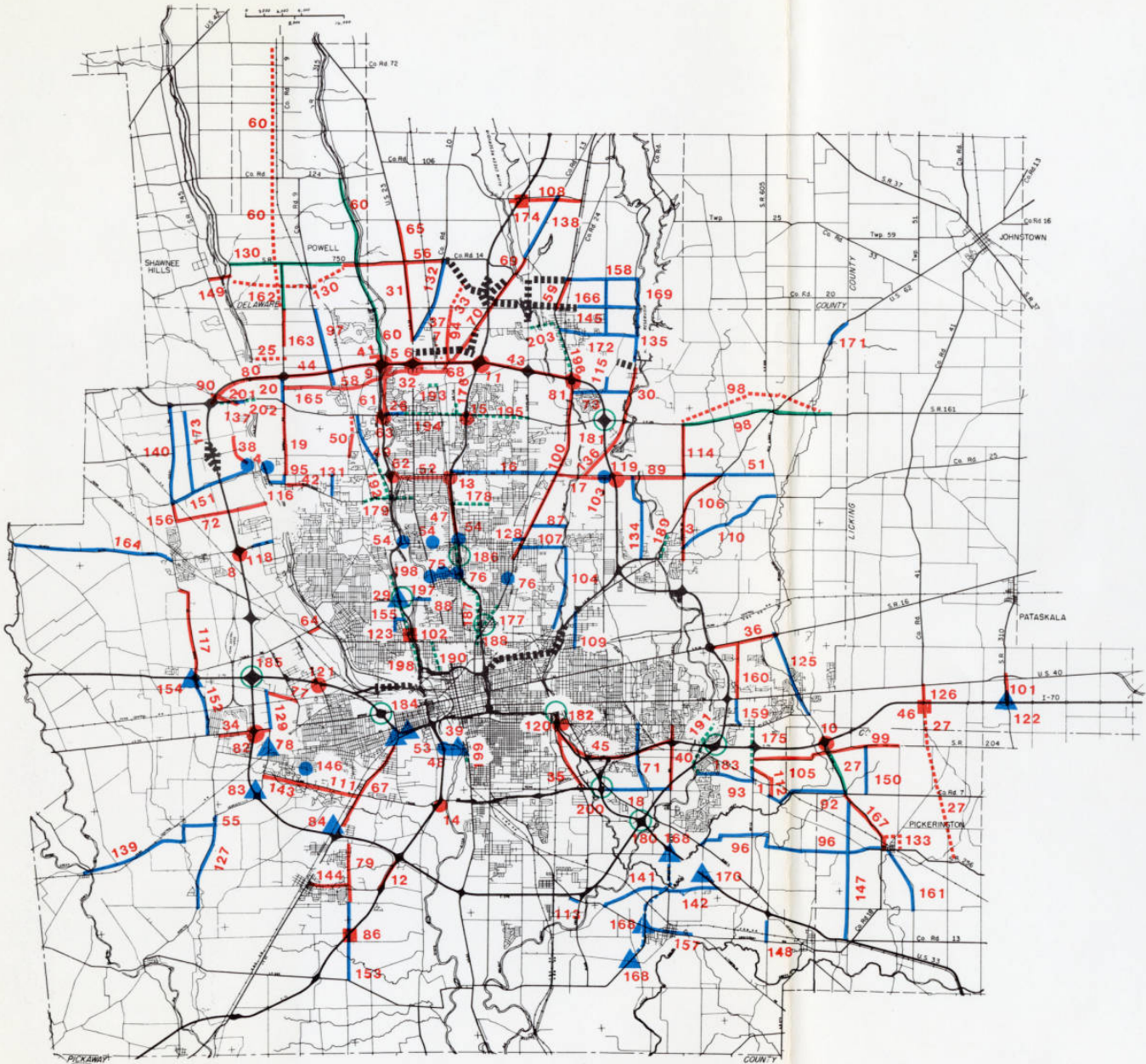
■●●●● Committed Projects

### SELECTED MAJOR COMMITTED WIDENING PROJECTS

(not identified on map)

NOTE: See project listing for a complete list of committed projects.

Bethel Rd.	Riverside Dr.-SR315
Dublin Rd.	Fishing Rd.-Hayden Run Rd.
Sinclair Rd.	Freeway Dr.-South-SR161
SR161	Riverside Dr.-SR315
SR161	Cherry Bottom Rd.-Hamilton Rd.
SR256	Refugee Rd.-Livingston Ave.
US23	I270-Flint Rd.





Mid-Ohio Regional Planning Commission  
 Transportation Improvement Program (TIP)  
 Fiscal Years 1991-1995  
 Spring-Sandusky and I-670 Listing

Project ID Co-Rte-Sec PF# PID#	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
FRA-I 670-1.27  2095 8413	I-670 from Grandview to US 33, First phase of I-670-1.25 (PID 4677)	Sludge Lagoon Test Sections	1.250	91	C	IR	321	289	32	0	Columbus
FRA-I 670-1.25 Section A-1  1440 4677	I-670 from Grandview Ave to the Scioto River	New Freeway & Bikeway	1.100	93	C	I F(M)	19309 159	17378 120	1738 24	193 15	Columbus
FRA-I 670-1.25 Section A-2  1441 4675	US 33 relocation through Spring-Sandusky Interchange	New 4-lane arterial & Bikeway	0.000	93	C	I IR M	2078 167 3267	1870 150 2450	187 15 490	21 2 327	Columbus
FRA-I 670-1.25 Section A-3  1442 4673	Souder Ave extension across Scioto to US 33 & Rickenbacker Park access	New Roadway	0.280	91	R	M I M	125 1033 1495	94 930 1124	0 10 0	31 93 371	Columbus
FRA-I 670-1.25 Section A-4  1443 4670	I-670 from the Scioto to Chessie tracks & relocate SR 315 from n of Scioto to Conrail tracks	New Freeway & Bikeway	0.530	93	C	I IR	12456 8844	11210 7960	1121 769	125 88	Columbus
FRA-I 670-1.25 Section A-5  1444 4668	SR 315 from W Broad St to 0.09-mi north the Scioto River	Reconstruction & widening	0.490	93	R	IR F IR F	6 2 9900 3293	5 2 8910 2470	1 0 891 494	0 0 99 392	Columbus

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Mid-Ohio Regional Planning Commission  
 Transportation Improvement Program (TIP)  
 Fiscal Years 1991-1995  
 Spring-Sandusky and I-670 Listing

Project ID Co-Rte-Sec PF# PID#	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
FRA-I 670-1.25 Section B-1  1445 4666	I-670 from Neil Ave to Neilston Ave	Reconstruction	95.000	93	R	IR	473	426	42	5	Columbus
				93	C	IR	16400	14760	1480	160	
FRA-I 670-1.25 Section B-2  1446 4664	I-670 from Harrison Ave to Neil Ave & Goodale-Nationwide Blvd connector	Reconstruction New Roadway	0.230	91	R	IR	494	445	44	5	Columbus
				91	R	M	5	4	1	0	
				91	C	IR	9236	8315	831	90	
				91	C	M	58	44	0	14	
FRA-I 670-1.25 Section B-3  1447 4354	I-670 from Chessie track to Harrison Av	Reconstruction	0.340	91	R	IR	198	178	18	2	Columbus
				91	C	IR	11099	9988	999	112	
FRA-I 670-1.25 Section B-4  1448 4343	Nationwide Blvd from New Neil Ave to Front St	4-lane arterial	0.370	91	R	M	77	58	0	19	Columbus
				91	C	M	5777	4338	0	1439	
FRA-I 670-1.25 Section C-1  1449 4346	Olentangy River Rd from Third Ave to Goodale St	New 4-lane arterial	0.510	91	C	M	3150	2368	467	315	Columbus
FRA-I 670-1.25 Section C-2  1450 4347	SR 315 from 0.25-mi south of Third Ave to Third Ave	Reconstruction	0.250	91	R	IR	72	65	6	1	Columbus
				91	C	IR	6684	6015	602	67	
				91	C	M	1893	1420	284	189	



Mid-Ohio Regional Planning Commission  
 Transportation Improvement Program (TIP)  
 Fiscal Years 1991-1995  
 Spring-Sandusky and I-670 Listing

Project ID Co-Rte-Sec PF# PID#	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
FRA-I 670-1.25 Section C-3  1348 4350	SR 315 from Conrail tracks to .025-miles south of Third Ave	Reconstruction, Relocation, & Bikeway	0.660	92	R	M	100	75	15	10	Columbus
				92	C	M	6800	5105	1015	680	
FRA-I 670-1.25 Section D  1452 4352	SR 315 from Sullivant Ave to W Broad St	Freeway Widening	0.460	91	C	F	2100	1580	310	210	Columbus
<hr/>											
FRA-SR 3-16.56 Was FRA-670-3.93 (Section N/O) 1351 4681	Cleveland Ave over I-670 & railroad	New Bridge	0.263	91	C	I	2806	2525	281	28	Columbus
FRA-St Clair Ave Was FRA-670-3.93 (Section P) 1353 4682	St Clair Ave over railroad	New Bridge	0.300	91	C	I	2518	2266	227	23	Columbus
FRA-I 670-5.19 Was FRA-670-3.93 (Section R) 1355 4693	I-670 from St Clair Ave to relocated Leonard Ave	New Freeway, & railroad ROW plan	1.310	91	C	I	15802	14222	1422	158	Columbus
FRA-I 670-3.93 Section S  1356 4695	I-670 from Third St to Cleveland Ave	New Freeway	0.610	91	R	I	730	657	66	7	Columbus
				91	C	I	14576	13118	1312	146	

Mid-Ohio Regional Planning Commission  
 Transportation Improvement Program (TIP)  
 Fiscal Years 1991-1995  
 Spring-Sandusky and I-670 Listing

Project ID Co-Rte-Sec PF# PID#	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
FRA-I 670-4.58 Was FRA-670-3.93 (Section T) 1357 4697	I-670 from Cleveland New Freeway Ave to I-71		0.320	91	R	I	375	338	38	4	Columbus
				91	C	I	8784	7905	878	89	
FRA-I 670-3.93 Section U 1358 4700	I-670 from I-71 to New Freeway St Clair Ave		0.250	91	R	I	300	270	27	3	Columbus
				91	C	I	16268	14640	1462	166	
				91	C	IR	233	210	19	4	
FRA-I 670-3.93 Section V 1359 4702	Fort Hayes Inter- change	New ramps & Bikeway	0.530	91	R	I	40	36	4	1	Columbus
				91	C	I	2310	2080	203	27	
				91	C	IR	190	170	17	3	
FRA-I 670-3.93 Section AE 1365 4688	Third St to St Clair Ave	Landscaping	1.170	92	C	I	900	810	80	10	Columbus
FRA-I 670-3.93 Section AF 1366 4691	St Clair Ave to Sunbury Rd	Landscaping	1.560	92	C	I	900	810	80	10	Columbus
FRA-I 670-3.93 Section AG 1367 4704	Sunbury Rd to Alum Creek	Landscaping	1.190	91	C	I	900	810	80	10	Columbus

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Mid-Ohio Regional Planning Commission  
 Transportation Improvement Program (TIP)  
 Fiscal Years 1991-1995  
 Spring-Sandusky and I-670 Listing

Project ID Co-Rte-Sec PF# PID#	Project Location	TYPE OF WORK	LENGTH	FY	PHASE	FED FUND TYPE	TOTAL COST	FEDERAL COSTS	STATE COSTS	LOCAL COSTS	IMPLEMENTING AGENCY
FRA-I 670-3.93 Section AH  1368 4706	Alum Creek to I-270	Landscaping	2.390	91	C	I	800	720	70	10	Columbus
FRA-I 670-3.93 RR  1813 4450	R/W Plan and purchase	Right of Way	0.000	91	R	I	1444	1230	72	72	Columbus

TRANSPORTATION IMPROVEMENT PROGRAM (TIP)  
FISCAL YEARS 1991 thru 1995

TIP PROJECT NUMBER	PROJECT DESCRIPTION	UMTA FUNDS TYPE	TOTAL COST (\$000)	FEDERAL SHARE (\$000)	STATE SHARE (\$000)	LOCAL SHARE (\$000)	IMPLM AGENCY	PLAN DOC
FY 1991 Projects:								
1	High St Improvements	9	1,999	1,599	200	200	COTA	SRTP
2	2 Project Mainstream Vehicles	9	80	64	8	8	COTA	SRTP
3	2 Park & Rides	9	691	553	69	69	COTA	SRTP
4	21 Advance design buses	9	4,515	3,612	451	452	COTA	SRTP
5	9 Non-revenue vehicles	9	132	106	13	13	COTA	SRTP
6	Bus parts	9	113	90	11	12	COTA	SRTP
7	Computer Software	9	525	420	52	53	COTA	SRTP
8	50 Shelters/recepticals	9	276	221	27	28	COTA	SRTP
9	525 Bus stop signs	9	33	26	3	4	COTA	SRTP
10	Capitalized tire lease	9	287	229	29	29	COTA	SRTP
11	* 4 Advance Design buses	3	1,089	817	136	136	COTA	SRTP
12	Miscellaneous	9	250	200	25	25	COTA	SRTP
13	Operating Expenditures	9	38,714	4,411	2,972	31,331	COTA	SRTP
14	16 (b) (2) Program	3	63	50	0	13	MORPC	

\* Obligation of Grant money in 1991 for acqutation of buses in 1994



TRANSPORTATION IMPROVEMENT PROGRAM (TIP)  
FISCAL YEARS 1991 thru 1995

TIP PROJECT NUMBER	PROJECT DESCRIPTION	UMTA FUNDS TYPE	TOTAL COST (\$000)	FEDERAL SHARE (\$000)	STATE SHARE (\$000)	LOCAL SHARE (\$000)	IMPLM AGENCY	PLAN DOC
FY 1992 Projects:								
15	North Terminal	9	1,500	1,200	150	150	COTA	SRTP
16	5 Project Mainstream Vehicles	9	203	162	20	21	COTA	SRTP
17	1 Park & Ride	9	304	243	30	31	COTA	SRTP
18	9 Non-revenue vehicles	9	139	111	14	14	COTA	SRTP
19	Computer/Automation hardware	9	551	441	55	55	COTA	SRTP
20	525 Bus Stop Signs	9	35	28	3	4	COTA	SRTP
21	Capitalized Tire Lease	9	301	241	30	30	COTA	SRTP
22	* 95 Advanced Design Buses	9	5,884	4,707	588.5	588.5	COTA	SRTP
		3	18,297	11,893	2,287	4,117	COTA	SRTP
23	Miscellaneous	9	290	232	29	29	COTA	SRTP
24	Operating Expenditures	9	40,574	4,411	2,972	33,191	COTA	SRTP

\* Obligation of Grant money in 1992 for acquisition of buses in 1994

TRANSPORTATION IMPROVEMENT PROGRAM (TIP)  
FISCAL YEARS 1991 thru 1995

TIP PROJECT NUMBER	PROJECT DESCRIPTION	UMTA FUNDS TYPE	TOTAL COST (\$000)	FEDERAL SHARE (\$000)	STATE SHARE (\$000)	LOCAL SHARE (\$000)	IMPLM AGENCY	PLAN DOC
FY 1993 Projects:								
25	North Terminal	9	1,500	1,200	150	150	COTA	SRTP
26	10 Project Mainstream Vehicles	9	425	340	42	43	COTA	SRTP
27	1 Park & Ride	9	319	255	32	32	COTA	SRTP
28	9 Non-revenue vehicles	9	146	117	14	15	COTA	SRTP
29	Computer software	9	579	463	58	58	COTA	SRTP
30	525 Bus Stop Signs	9	36	29	3	4	COTA	SRTP
31	Capitalized Tire Lease	9	316	253	31	32	COTA	SRTP
32	* 85 Advance Design Buses	9	594	475	59.5	59.5	COTA	SRTP
		3	22,188	14,422	2,774	4,992	COTA	SRTP
33	Miscellaneous	9	300	240	30	30	COTA	SRTP
34	Operating Expenditures	9	42,099	4,411	2,972	34,716	COTA	SRTP

\* Obligation of Grant money in 1993 for acquisition of buses in 1995



TRANSPORTATION IMPROVEMENT PROGRAM (TIP)  
FISCAL YEARS 1991 thru 1995

TIP PROJECT NUMBER	PROJECT DESCRIPTION	UMTA FUNDS TYPE	TOTAL COST (\$000)	FEDERAL SHARE (\$000)	STATE SHARE (\$000)	LOCAL SHARE (\$000)	IMPLM AGENCY	PLAN DOC
FY 1994 Projects:								
35	9 Non-revenue vehicles	9	153	122	15	16	COTA	SRTP
36	Bus Parts	9	500	400	50	50	COTA	SRTP
37	Computer/automation hardware	9	608	486	61	61	COTA	SRTP
38	525 Bus Stop Signs	9	38	30	4	4	COTA	SRTP
39	Capitalized Tire Lease	9	332	266	33	33	COTA	SRTP
40	* 50 Advance Design Buses	9	868	694.4	86.8	86.8	COTA	SRTP
		3	13,203	8,582	1,650	2,971	COTA	SRTP
41	Miscellaneous Projects	9	320	256	32	32	COTA	SRTP
42	Operating Expenditures	9	43,897	4,411	2,972	36,514	COTA	SRTP

\* Obligation of Grant money in 1994 for acquisition of buses in 1996

TRANSPORTATION IMPROVEMENT PROGRAM (TIP)  
FISCAL YEARS 1991 thru 1995

TIP PROJECT NUMBER	PROJECT DESCRIPTION	UMTA FUNDS TYPE	TOTAL COST (\$000)	FEDERAL SHARE (\$000)	STATE SHARE (\$000)	LOCAL SHARE (\$000)	IMPLM AGENCY	PLAN DOC
FY 1995 Projects:								
43	2 Project Mainstream Vehicles	9	94	75	9	10	COTA	SRTP
44	9 Non-revenue vehicles	9	161	129	16	16	COTA	SRTP
45	Bus Parts	9	450	360	45	45	COTA	SRTP
46	Computer software	9	638	510	64	64	COTA	SRTP
47	50 Shelters/recepticles	9	335	268	33	34	COTA	SRTP
48	525 Bus stop signs	9	40	32	4	4	COTA	SRTP
49	Capitalized tire lease	9	348	278	35	35	COTA	SRTP
50	Misellaneous	9	335	268	33	34	COTA	SRTP
51	Operating Expenditures	9	45,918	4,411	2,972	38,535	COTA	SRTP

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## ADDENDUM

The MORPC Transportation Plan, Year 2010 Highway Plan section, was amended by Resolution T-11-90 on May 24, 1990, to include an additional project - the widening of State Route 16 from Reynoldsburg-New Albany Rd. in Franklin County to Taylor Rd. in Licking County. This project is not included in the project listing or on the project location map.