

ERRATA SHEET  
TO  
RESOLUTION NO. 86-686, ITS STAFF REPORT, AND ATTACHMENTS

The following changes to the Staff Report, Exhibit "A" (Staff Report 98), and Attachment A on Self Certification have occurred:

STAFF REPORT

3rd page, Section 3 Discretionary, second sentence, change to:

This amount has since been revised to ~~\$8,517,288~~ \$8,522,175.

5th page, first bullet, change to:

. Bus Purchase for 9 8 additional buses.

EXHIBIT "A"

Add to Interstate System Projects for FY 1987:

I-205 - Pressure Grouting of Concrete Pavement and Impact Panels - 4R . . . \$289,800.

Add to State Highway Funds Financing Projects for FY 1987:

OR 43 - Oswego Highway - SCL Portland to NCL West Linn - Guardrail/Rock Screen - ST . . . \$150,000.

Note: Late additions and changes to Exhibit "A" are not reflected in the totals and for the affected funding sources in the Draft Report.

ATTACHMENT "A" - SELF CERTIFICATION

Add new third paragraph, page 3, under "Public/Private Transit Operators," as follows:

On a test basis, private operators are being used to replace regular service eliminated by Tri-Met. Evergreen Stage Lines is providing service on the Westover line while a private cab company (Broadway Cab) is providing the late night-owl service. Both have permits issued by the City of Portland and, more importantly, neither service is receiving public subsidy.

STAFF REPORT

Agenda Item No. \_\_\_\_\_

Meeting Date \_\_\_\_\_

CONSIDERATION OF RESOLUTION NO. 86-686 FOR THE  
PURPOSE OF ADOPTING THE FY 1987 TO POST-1990  
TRANSPORTATION IMPROVEMENT PROGRAM AND THE FY 1987  
ANNUAL ELEMENT

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Date: September 3, 1986

Presented by: Andy Cotugno

FACTUAL BACKGROUND AND ANALYSIS

Proposed Action

The Transportation Improvement Program (TIP) and FY 1987 Annual Element serve as the basis for receipt of federal transportation funds by local jurisdictions, the Oregon Department of Transportation (ODOT) and Tri-Met.

This TIP reflects a number of changes from last year's update due to resolutions and administrative adjustments approved during the past year and to be approved by this resolution. The primary importance of the annual TIP update is to consolidate all past actions into a current document and set forth the anticipated program for FY 1987. The FY 1987 program reflected herein is a first step in establishing actual priorities for FY 1987. A number of future actions will result in refinements to the material presented.

Adoption of the TIP endorses the following major actions:

- Past policy endorsement of projects is identified in the TIP (including projects to be funded with Interstate, Interstate Transfer, Federal-Aid Urban and UMTA funds), thereby providing eligibility for federal funding.
- Approximately \$23.6 million of Interstate Transfer funding is programmed for FY 1987 and includes all projects that will be considered for funding; actual FY 1987 priorities will be established among these candidates later this year. Federal appropriations for the highway portion are estimated to be \$21.5 million.
- Some \$12 million of UMTA Section 3 "Trade" funds are programmed in FY 1987, all of which have been identified as a reserve. From this reserve, funds will be withdrawn and assigned to specific projects as they are developed for the FY 1987 grant application. In addition, the projects remaining in the Section 3 "Trade" program are now being re-evaluated and new projects may be recommended later in the year.

- The maximum allowable use of UMTA Section 9 funds for FY 1987 operating assistance is included (\$4.66 million) which is identical to that for FY 1986. This year's estimate may be affected by forthcoming federal legislation resulting in a reduction.

TPAC has reviewed the TIP and Annual Element and recommends approval of Resolution No. 86-686.

Background: The Metro TIP describes how federal transportation funds for highway and transit projects in the Metro region are to be obligated during the period October 1, 1986 through September 30, 1987. Additionally, in order to maintain continuity, funds are estimated for years before and after the Annual Element year. The FY 1987 TIP is a refinement of the currently adopted TIP and is structured by the following major headings:

Interstate Transfer Program  
Urban Mass Transportation Administration Programs  
Other Programs - Interstate, Primary, Bridge, Safety, State  
Modernization, Bike, etc.  
Federal-Aid Urban System Program

#### INTERSTATE TRANSFER PROGRAM

The TIP includes a fixed program amount for the Metro region of \$500,653,204 (federal) based upon the amount for the withdrawn freeways. This FY 1987 TIP update reduces by some \$1.2 million the previously adopted FY 1986 Interstate Transfer Program (Resolution No. 86-633) in keeping with a combination of federal curtailments and project priorities. The curtailments took the form of reductions imposed by the Gramm-Rudman-Hollings Bill and restrictions imposed by obligation ceilings which limited obligations to 88.8 percent of available funds. At the end of the federal fiscal year, unbuilt FY 1986 projects will automatically shift to FY 1987.

The FY 1987 Interstate Transfer program of approximately \$23.6 million represents the full-funding need and this together with the projects that slip from FY 1986 is in excess of the level of funding the region can anticipate (\$21.5 million). The noted amount is earmarked wholly for FHWA highway projects. Priorities will be established from amongst the full FY 1986 and FY 1987 programs later in the year based upon a closer estimate of funding revenues. Projects not funded in FY 1987 will be delayed; however, they will be considered for implementation in the event additional FY 1987 funds become available, or for funding in FY 1988.

Major revisions to the previous update have occurred, one of which was the sub-allocation of the McLoughlin Boulevard reserve to its component projects. The original reserve was in the amount of \$25.1 million which has been redistributed to the McLoughlin Boulevard projects (in million of dollars) appearing on lines 8 through 18:

Preliminary Engineering	\$ 1.4
Alternatives Analysis and DEIS	1.0

Reserve	3.2
Southeast Corridor Study	0.1
Phase I -- Tacoma Overpass and Harrison/ River Road	11.2
Phase II -- Tacoma to Highway 224	6.5
Phase III -- Union/Grand Viaduct to Harold Street	1.7

Another change of importance was the transfer of \$1.2 million from the Terwilliger Boulevard project (Line 60) back to the Bertha Boulevard project (Line 61). Additional funds from other federal sources have been made available for Terwilliger, thus freeing up Interstate Transfer funds for use on Bertha.

The Columbia Boulevard project - Delaware to Chautauqua (Line 74) centers on improvements in safety for the railroad crossings in the project area. The City of Portland has transferred \$1.7 million of Interstate Transfer funds to other projects in anticipation of Railroad Crossing Protection funds being approved for use on the project.

A number of revisions to the overall project allocations are incorporated including a variety of minor transfers due to cost overruns and underruns.

#### URBAN MASS TRANSPORTATION ADMINISTRATION PROGRAMS

##### Section 3 Discretionary

For FY 1986, some \$9.0 million had been programmed for the Banfield LRT (Line 168). This amount has since been reduced to \$8,517,288. This reduction was brought about by the Gramm-Rudman-Hollings Bill.

For FY 1987, Tri-Met anticipates some \$1.3 million in Section 3 Discretionary funds for the Banfield LRT and the TIP has been programmed accordingly. However, this amount is also subject to change in light of federal legislation.

##### Section 5 Capital Funding

No changes have occurred to the Section 5 program during the past year except for minor adjustments to make the TIP consistent with the grants.

##### Section 3 "Trade" Funding

In April 1982, Metro Council endorsed the use of Section 3 funds for selected transit projects in exchange for Interstate Transfer funds. This involved transfer of funds from a series of regionwide transit projects to the Banfield project; in exchange, Section 3 funds previously earmarked for the Banfield

were assigned to those transit projects. Subsequently, the fixed amount of \$76.8 million was committed by UMTA for this Section 3 "Trade" program. The full \$76.8 million is currently allocated to specific projects or reserves. This TIP update programs a reserve of \$12.0 million (Line 230) for FY 1987 in accordance with the funding schedule in the Letter-of-Intent. As project developments occur, funds will be withdrawn from the reserve and assigned to the projects in the Section 3 Trade program.

Some \$59.7 million of the trade program is being implemented and grants are received or pending. The remaining \$17.2 million must be finalized and grants applied for during the fiscal years 1987 and 1988. The specific projects to which the final \$17.2 million is currently allocated appear in the "Post 1989" column. However, prior to submitting the next grant application, these projects will undergo re-evaluation and, in all likelihood, some of the projects will be replaced. Three new projects were added to the most recent grant application for FY 1986:

• Tigard Park-and-Ride	\$1.6 million	(Line 204)
• Milwaukie Park-and-Ride	0.8 million	(Line 205)
• Oregon City Park-and-Ride	<u>1.2 million</u>	(Line 209)
TOTAL	\$3.6 million	

These were added under the condition that they also would be included in the overall re-evaluation. Priority for use of any of the remaining funds is as follows:

- 1) To fund cost overruns on previously approved projects within the specific jurisdiction;
- 2) To fund alternative projects within the specific jurisdiction; and
- 3) To fund alternative projects regionwide.

In any case, alternative projects must be incorporated into the Regional Transportation Plan and must be supported by Tri-Met as a logical element of the transit system. Tri-Met will be the actual grant recipient of all these funds.

Changes occurring since last year's update included minor funding adjustments to the TIP program to make it consistent with the grant. Several others were more significant in the form of project increases brought about by changes in work scope, program appraisals, construction estimates, etc. These are summarized below:

- |   |                       |
|---|-----------------------|
| • Oregon City Transit Station,<br>for right-of-way increase | \$ 303,859 (Line 202) |
|---|-----------------------|

- Bus purchase for 9 additional buses \$1,386,663 (Line 203)
- Sunset Transit Center for right-of-way increase \$ 829,235 (Line 212)
- Beaverton Transit Center for additional preliminary engineering and increased construction cost estimate. \$ 274,400 (Line 219)

Schedule changes from last year's report to the trade program included:

- Bus Purchase accelerated to FY 1986 from FY 1988 Line 203
- Beaverton Park-and-Ride slipped from FY 1985 to FY 1986 Line 211
- Tanasbourne Transit Center accelerated to FY 1986 from post FY 1989 Line 224
- Transit Mall Extension North slipped from FY 1985 to FY 1986 Line 229

#### Section 9/9A

The FY 1986 anticipated apportionment of Section 9 funds was \$15,819,149. This amount included \$4,661,082 of operating funds. UMTA had earlier indicated that there probably would be a 20 percent reduction in operating assistance. Allowing for this reduction (-\$932,216) resulted in a program of \$14,886,933. The FY 1986 program identified in the TIP at the time was as follows:

Bus Purchase	\$ 6,120,000
Operating Assistance	3,728,866
Reserve	5,038,067
	<u>\$14,886,933</u>

The reduction in FY 1986 operating assistance did not come about; rather, an approximate reduction by some 11 percent was made to the \$14.9 million resulting in an allowable program level of \$13.3 million for FY 1986. In April and May of 1986, the TIP was amended accordingly (Resolution Nos. 86-638 and 86-647).

The revisions to the FY 1986 TIP embodied the following changes to the Section 9 program of projects:

- Bus purchases (Line 235) were reduced to 23 (from 50) and funded at \$2.8 million. This change was off set by an increase in the Section 3 "Trade" counterpart.
- Park-and-Ride lot improvements, a generic project, was deleted (\$66,000).

- Two new Park-and-Ride projects were added -- a Gresham lot (Line 238) at \$800,000 and a 162nd Avenue lot (Line 239) at \$1,200,000.
- The Special Needs Transportation project (Line 242) was increased by \$640,000 to cover purchase of 20 buses.
- Parts and Equipment project (Line 241) was increased to accommodate FY 1986 needs.
- The Unified Work Program project (Line 245) was segmented to separately identify Metro's portion (Line 233) as a unique project. In addition, a Metro reserve was programmed for FY 1987 and subsequent years in accordance with Resolution No. 86-638.

The FY 1987 program is being held to the same total level as that of FY 1986. Due to uncertainties of federal legislation, it is likely to be reduced, and further amendments to the TIP will be required later in the year to program the reserve to a particular set of planning, engineering and capital improvements. As it now stands, the program calls for:

• Metro Planning	\$ 100,000	(Line 233)
• Capital Reserve	8,511,348	(Line 248)
• Operating Assistance	4,661,082	(Line 249)
TOTAL	<u>\$13,272,430</u>	

#### SPECIAL TRANSPORTATION

Eight new special transportation projects were added to the TIP totaling \$242,976 and covering the purchase of vehicles. Their inclusion was based on the need and the applicants' agreement to coordinate service with the LIFT Program. The potential recipients are:

Albertina Kerr Centers for Children  
 Lambert House Adult Day Care  
 Reach Center for Children  
 Volunteers of America of Oregon  
 Waverly Children's Home  
 Colton Senior Center  
 Clackamas Loaves and Fishes  
 Gladstone Seniors

Inclusion of these projects in the TIP will allow the applicants to request 16 (b)(2) funding from ODOT, which, in turn, will award funds following consideration of other applications throughout the state.

#### OTHER PROGRAMS

This Section of the TIP consists of and is organized by funding for:

Federal Aid Interstate System  
State Highway Funds Financing  
Other -- Federal Aid Primary, Highway Bridge  
Replacement, and other funding sources  
Title II Safety Program  
Bicycle Transportation

The most significant change in this TIP update has been the addition of a new category devoted to state funding, wherein the state participates in part or in whole in the development of a project and its funding. The projects use funds generated by the Fuel and Equivalent Truck taxes. This funding source has been expanded to include State Modernization projects (\$200 million statewide) made possible by the recently approved two-cent per gallon increase in gas tax.

Four State Modernization projects of immediate interest appear in the TIP for FY 1986 and FY 1987: Shute Road improvements (Line 351) (north of Hillsboro), and State Street corridor (Line 340) (Lake Oswego) in FY 1986; and Northeast Portland Highway between 82nd Avenue and I-205 (Line 369), and Sunset/Cornelius Pass Road interchange (Line 367) in FY 1987. These and other state financed projects in the TIP may be funded in part from other sources including local financing.

Other State Modernization projects of significance to the region have been programmed in FY 1988 and beyond:

Johnson Creek Boulevard Improvements	(Line 345)
N.E. 181st Avenue Extension	(Line 346)
Scholls Highway Improvements	(Line 348)
Sunset/Canyon Court Interchange	(Line 349)

Every two years, ODOT updates the Six-Year Highway Improvement Program, adding an additional two years of funding and of projects which carry out the goals of maintenance, preservation, and modernization of the highway system. Through the Metro planning process, Clackamas County, Multnomah County, the City of Portland, and Washington County prepared a list of priority projects to be considered for inclusion in the Program. This process began in early 1985 and recently culminated in a regional consensus of recommended priority projects. In general, the Metro region projects selected and appearing in the Six-Year Highway Improvement Program are consistent with the adopted regional priorities.

In June 1986, JPACT commended ODOT for its effort in preparing the Six-Year Highway Improvement Program, in following an open process and for listening to local concerns. The Department has been responsive in selecting projects for funding from amongst the high priority projects adopted by the Portland region rather than the many other possible good candidates.

All projects in the "Other Programs" section of the TIP have been programmed in accordance with the State Highway Division's



proposed Six-Year Highway Improvement Program released in June 1986. Final adoption by the Transportation Commission of the Six-Year Highway Improvement Program and its formal issuance may require minor and corresponding changes to the TIP at a later date.

#### FEDERAL-AID URBAN SYSTEM PROGRAM

With the allocation of FY 1986 Federal Aid Urban Funds, the last of eight funding transfers was made and fulfilled the agreement between the Metro region and the State Highway Division. This final transfer was in the amount of \$1,486,925.

In a following action, \$19,030 of FAU funds was released as the Portland region's contribution toward the Oregon Roads Finance Study. The City of Portland took separate action in providing its pro rata share to the study.

Finally, the Gramm-Rudman Bill cut further into the allocation with a 4.3 percent reduction amounting to \$177,217. This and the other actions are summarized below:

FY 1986 Allocation	\$ 4,121,339
Final Transfer	-1,486,925
Oregon Roads Study	-19,030
Gramm-Rudman	-177,217
AVAILABLE	<u>\$ 2,438,167</u>

The amount available was then distributed in accordance with adopted procedures:

Region (Reserve)	\$ 1,390,993
City of Portland	997,101
Forest Grove	50,073
TOTAL	<u>\$ 2,438,167</u>

The \$1.4 million assigned to the reserve plus a FY 1985 carry-over of \$10,769 provided a FY 1986 availability of \$1,401,762. This was distributed to the jurisdictions (and their projects) in the following manner:

Previous Commitments		
Boones Ferry Road	\$ 709,310	(Line 462)
Tri-Met	135,021	(Line 474)
SUB-TOTAL	<u>\$ 844,331</u>	

Resolution No. 86-640		
Burnside (Stark to 223rd)	\$ 169,000	(Line 460)
Allen Boulevard	105,000	(Line 468)
Boones Ferry Road -- Unit 2	385,899	(Line 462)
SUB-TOTAL	<u>\$ 659,899</u>	

TOTAL	\$ 1,504,230
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Draw on FY 1987 Region Funds	<u>-\$ 102,468</u>	(Line 482)
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The FY 1987 program appearing in the TIP assumes an allocation, with Gramm-Rudman applied, of \$3.9 million. Of this amount, the City of Portland (Line 451) would receive \$1.6 million and the region (Line 482) \$2.3 million. The TIP reflects these estimated allocations for FY 1987 through FY 1990. With little specifics known at this time, reductions greater than estimated here could affect the FAU program and require revisions to the TIP.

#### Air Quality

The TIP is in conformity with the Oregon State Implementation Plan (SIP) for Air Quality adopted in 1982. Updates to the carbon monoxide and ozone plans demonstrate attainment of both standards by 1987. All projects specified in the SIP as necessary for attainment of these standards are included in the TIP. In addition, the TIP has been reviewed to ensure that it does not include actions which would reduce the effectiveness of planned transportation control measures.

#### EXECUTIVE OFFICER'S RECOMMENDATION

The Executive Officer recommends approval of Resolution No. 86-686.

BP/sm  
4119C/405-9  
09/03/86

BEFORE THE COUNCIL OF THE  
METROPOLITAN SERVICE DISTRICT

FOR THE PURPOSE OF ADOPTING THE	)	RESOLUTION NO. 86-686
FY 1987 TO POST-1990 TRANSPORTA-	)	
TION IMPROVEMENT PROGRAM AND THE	)	Introduced by the Joint
FY 1987 ANNUAL ELEMENT	)	Policy Advisory Committee
	)	on Transportation

WHEREAS, Projects using federal funds must be specified in the Transportation Improvement Program (TIP) by the fiscal year in which obligation of funds is to take place; and

WHEREAS, In accordance with the Metropolitan Service District (Metro)/Intergovernmental Resource Center (IRC) of Clark County Memorandum of Agreement, the Transportation Improvement Program has been submitted to the IRC for review and comment; and

WHEREAS, Some 1986 Annual Element projects may not be obligated by the end of FY 1986 because the exact time for obligation is indeterminate; now, therefore,

BE IT RESOLVED,

1. That the Council of the Metropolitan Service District adopts the FY 1987 Transportation Improvement Program for the urban area as contained in the Attachment to this Resolution marked Exhibit "A."

2. That projects that are not obligated by September 30, 1986, be automatically reprogrammed for FY 1987 for all funding sources.

3. That the Transportation Improvement Program is in conformance with the Regional Transportation Plan and the 1982 Air Quality State Implementation Plan (Ozone and Carbon Monoxide) and that the planning process meets all requirements of Title 23-Highways

and Title 49-Transportation of the Code of Federal Regulations.

4. That the Metro Council allows funds to be transferred among projects consistent with the Transportation Improvement Program Project Management Guidelines adopted by Resolution No. 85-592.

5. That the Metro Council hereby finds the projects in accordance with the Regional Transportation Plan and, hereby, gives affirmative Intergovernmental Project Review approval.

ADOPTED by the Council of the Metropolitan Service District  
this \_\_\_\_\_ day of \_\_\_\_\_, 1986.

\_\_\_\_\_  
Richard Waker, Presiding Officer

BP/sm  
4119C/405-9  
09/03/86

JOINT RESOLUTION OF THE  
COUNCIL OF THE METROPOLITAN SERVICE DISTRICT  
AND OREGON STATE HIGHWAY ENGINEER

FOR THE PURPOSE OF CERTIFYING THAT )	RESOLUTION NO. 86-687
THE PORTLAND METROPOLITAN AREA IS )	
IN COMPLIANCE WITH FEDERAL TRANS- )	Introduced by the Joint
PORTATION PLANNING REQUIREMENTS )	Policy Advisory Committee
	on Transportation

WHEREAS, Substantial federal funding from the Urban Mass Transportation Administration (UMTA) and Federal Highway Administration (FHWA) is available to the Portland metropolitan area; and

WHEREAS, FHWA and UMTA require that the planning process for the use of these funds comply with certain requirements as a prerequisite for receipt of such funds; and

WHEREAS, Satisfaction of the various requirements is documented in Attachment "A"; now, therefore,

BE IT RESOLVED,

That the transportation planning process for the Portland metropolitan area (Oregon portion) is in compliance with federal requirements as defined in Title 23 Code of Federal Regulations, Part 450, and Title 49 Code of Federal Regulations, Part 613.

ADOPTED by the Council of the Metropolitan Service District  
this \_\_\_\_\_ day of \_\_\_\_\_, 1986.

\_\_\_\_\_  
Richard Waker, Presiding Officer

APPROVED by the Oregon Department of Transportation State  
Highway Engineer this \_\_\_\_\_ day of \_\_\_\_\_, 1986.

\_\_\_\_\_  
State Highway Engineer

## ATTACHMENT A

### Metropolitan Service District Self Certification

#### 1. Metropolitan Planning Organization Designation

The Metropolitan Service District (Metro) is the MPO designated by the Governor for the urbanized areas of Clackamas, Multnomah and Washington Counties, Oregon.

Metro is a regional government with 12 directly elected Councilors and an elected Executive Officer. Local elected officials are directly involved in the transportation planning/decision process through the Joint Policy Advisory Committee on Transportation (JPACT) (see attached membership). JPACT provides the "forum for cooperative decision-making by principal elected officials of general purpose local governments" as required by USDOT.

#### 2. Agreements

Though cooperative working agreements between jurisdictions are no longer required, several are still in effect:

- a. A basic memorandum of agreement between Metro and the Intergovernmental Resource Center (Clark County) which delineates areas of responsibility and necessary coordination and defines the terms of allocating Section 8 funds.
- b. An agreement between Tri-Met, Public Transit Division of ODOT and Metro setting policies regarding special needs transportation.
- c. An intergovernmental agreement between Metro, Tri-Met and ODOT which describes the roles and responsibilities of each agency in the 3C planning process.
- d. Yearly agreements are executed between Metro and ODOT defining the terms and use of FHWA planning funds and Metro and Tri-Met for use of UMTA funds.
- e. Bi-State Resolution -- Metro and Intergovernmental Resource Center (Clark County) jointly adopted a resolution establishing a Bi-State Policy Advisory Committee.

#### 3. Geographic Scope

Transportation planning in the Metro region includes the entire area within the Federal-Aid Urban boundary.

#### 4. Transportation Plan

The Regional Transportation Plan was adopted on July 1, 1982. The document has had one approved housekeeping update (October 1983) and is scheduled for a major update in FY 87. The short-range Transit Development Program (TDP), the detailed transit operations plan for the region, was adopted in 1980 and is currently being updated by Tri-Met. Because the update will be based on service cutbacks and deletions that will potentially have a severe impact on local jurisdictions and affect other parts of the transportation system, TPAC and JPACT involvement have been requested. The TDP is a prerequisite for approval of federal transit assistance and continued delay jeopardizes the region's certification. UMTA has indicated that lack of an updated TDP results in an insufficient basis for federal transit grant approvals.

#### 5. Transportation Improvement Program

The FY 87 TIP was adopted in September 1986 and will be amended continuously throughout the year. Recent amendments included authorization of FY 86 Interstate Transfer funds; updates of the Section 3 Letter-of-Intent Program and the Section 9 Capital Program.

#### 6. Public Involvement

Metro maintains a continuous public involvement process through citizen members on technical advisory committees, newsletters and press releases. Major transportation projects have citizen involvement focused specifically on the special needs of the project. Of particular emphasis during FY 86 was involvement in the Southwest Corridor study. This involved creation of a special citizens committee and review by various town halls, community groups and business associates.

#### 7. Air Quality

Oregon's State Implementation Plans for ozone and carbon monoxide were both adopted by Metro and DEQ and approved by EPA in 1982.

The Metro area is projected to be in compliance with both the ozone and the carbon monoxide standard by 1987. The TIPs do not contain new control measures on transportation modes in order to reach attainment; rather, they rely on existing commitments, programs and federal emission controls. Current efforts are focusing on increasing the transit mode split throughout the region and particularly to downtown Portland.

#### 8. Civil Rights

Metro's Title VI submittal for FY 1985-86 was submitted to UMTA in September 1985. UMTA approved the Title VI report with the

next update due in September 1987. Since the FHWA review in June 1981, Metro has developed full plans for MBE, Equal Opportunity and Citizen participation.

9. Elderly and Handicapped

An Interim Special Needs Transportation Service Plan is in effect. Appropriate parts of the new Special Needs Plan were adopted as a portion of the RTP.

10. Disadvantaged Business Enterprise Program (DBE)

A revised DBE Program was adopted by the Metro Council in December 1984. Overall agency goals were set for DBE's and WBE's as well as contract goals by type. The annual goal for all Department of Transportation-assisted DBE's is 10 percent and WBE's is 3 percent. The DBE Program is very specific about the RTP, bidding and contract process. So far in FY 87, there have been no contracts executed using Department of Transportation funds. The DBE/WBE goal will most likely not be met this fiscal year because of delays in project work that includes some contractual work where the DBE Program would be utilized.

11. Public/Private Transit Operators

Tri-Met and C-TRAN are the major providers of transit service in the region. Other public and private services are coordinated by these operators.

C-TRAN contracts directly for commuter service with Evergreen Stage Lines. This contract supplements Tri-Met and C-TRAN service between Portland and Vancouver.

Tri-Met contracts for elderly and handicapped service with private entities such as the Broadway/Radio Cab Joint Venture and Special Mobility Services, Inc., and public agencies such as the Community Action Agencies of Clackamas and Multnomah Counties. Tri-Met also coordinates those agencies using federal programs (UMTA's 16(b) (2)) to acquire vehicles. Service providers in this category include Clackamas County Loaves and Fishes, the Jewish Community Center, Special Mobility Services, Inc. and others.

Tri-Met and Metro are also implementing a work program to ensure additional private sector participation in provision of transit service as soon as practicable.

Special airport transit services are also provided in the region (RAZ Transportation and Beaverton Airporter Services). Involvement with these services is limited to special issues.



JOINT POLICY ADVISORY COMMITTEE ON TRANSPORTATION

Metro Council . . . . .	Councilor Richard Waker
Metro Council . . . . .	Councilor George Van Bergen
Metro Council . . . . .	Councilor Larry Cooper Councilor Jim Gardner (alternate)
Multnomah County. . . . .	Commissioner Pauline Anderson Commissioner Gretchen Kafoury (alternate)
Cities in Multnomah County. . .	Mayor Marvin Woidyla (Fairview) Councilor Larry Deyo (Gresham) (alternate)
Washington County . . . . .	Commission Chairman Wes Myllenbeck Commissioner John Meek (alternate)
Cities in Washington County . .	Mayor Larry Cole (Beaverton)
Clackamas County. . . . .	Commissioner Robert Schumacher
Cities in Clackamas County. . .	Councilor Ron Thom (Oregon City) Councilman Eldon Edwards (Wilsonville) (alternate)
City of Vancouver . . . . .	Councilman Dick Pokornowski Councilor Rose Besserman (alternate)
Clark County. . . . .	Commissioner Vern Veysey
City of Portland. . . . .	Commissioner Margaret Strachan Commissioner Mike Lindberg (alternate)
Oregon State Department of Transportation . . . . .	Fred Miller, Director Robert Bothman, Deputy Director (alternate)
Washington State Department of Transportation . . . . .	Ed Ferguson, District Administrator
Port of Portland. . . . .	Lloyd Anderson, Executive Director
Tri-Met . . . . .	Linore Allison William Robertson, Jr. (alternate)
Department of Environmental Quality . . . . .	Fred Hansen, Director Tom Bispham, Administrator - Air Quality Division

EXHIBIT "A"

STAFF REPORT 98

TRANSPORTATION IMPROVEMENT PROGRAM

PROPOSED PROGRAM FOR FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

D R A F T

SEPTEMBER 11, 1986

**Metropolitan Service District**

INTERSTATE TRANSFER PROGRAM

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

# INTERSTATE TRANSFER PROGRAM

CATEGORY I

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR	1986	1987	1988	1989	1990	POST 1990	AUTHORIZED	FA#
OBLIGATED								

[illegible][illegible]

***3 BANFIELD TRANSITWAY-TRANSIT FUNDS(T)*****116*80900**00000*****								FAP68
PE	10,956,546	0	0	0	0	0	10,956,546	
R/W	13,371,853	0	0	0	0	0	13,371,853	
CONST	120,384,576	0	0	0	0	0	120,384,576	
TOTAL	144,712,975	0	0	0	0	0	144,712,975	

***4 METRO SYSTEM PLANNING-W/S CORRIDOR-299001(T)*****117#10013**00697****								N/A
PE	2,194,266	0	0	0	0	0	2,194,266	
TOTAL	2,194,266	0	0	0	0	0	2,194,266	

***5 BANFIELD TRANSITWAY-METRO PLANNING(T)*****118x80404**00000*****								FAP68
PE	300,050	0	0	0	0	0	300,050	
TOTAL	300,050	0	0	0	0	0	300,050	

***6 TRI-MET TECHNICAL STUDY - 5 WORK ELEMENTS(T)*****120*80404**00000****								N/A
PE	428,000	0	0	0	0	0	428,000	
TOTAL	428,000	0	0	0	0	0	428,000	

**ANNUAL ELEMENT YEAR**



METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990  
EFFECTIVE OCTOBER 1, 1986

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

INTERSTATE TRANSFER PROGRAM

CATEGORY I  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988

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AUTHORIZED

FA#

**14 MCLOUGHLIN BLVD PHASE IIIA-UNION/GRAND VIADUCT TO HAROLD ST*****140*77159** 346*****									FAP26
R/W	0	0	17,680	0	0	0	0	17,680	
CONST	0	0	0	0	0	1,682,320	0	1,682,320	
TOTAL	0	0	17,680	0	0	1,682,320	0	1,700,000	
**15 MCLOUGHLIN BLVD INTERSECTION AND SIGNAL IMPROVEMENTS*****147*80058**01035*****									FAP26
PE	114,656	0	0	0	0	0	0	114,656	
CONST	866,999	0	0	0	0	0	0	866,999	
RESRV	0	0	0	0	0	0	25,501	25,501	
TOTAL	981,655	0	0	0	0	0	25,501	1,007,156	
**16 POWELL BLVD R/W & CONST-50TH AVE TO I205-SECTION II*****164*76012**00113*****									FAP24
PE	515,641	0	0	0	0	0	0	515,641	
R/W	6,665,055	0	0	0	0	0	0	6,665,055	
CONST	4,231,793	0	0	0	0	0	0	4,231,793	
RESRV	0	0	0	0	0	0	351,991	351,991	
TOTAL	11,412,489	0	0	0	0	0	351,991	11,764,480	
**17 RECONSTRUCTION OF YEON/VAUGHN/NICOLAI/WARDWAY AND ST HELENS RD*****269*79038**00000*****									MISC
PE	1,983,971	0	0	0	0	0	0	1,983,971	
RESRV	0	0	0	0	0	0	-870,088	-870,088	
TOTAL	1,983,971	0	0	0	0	0	-870,088	1,113,883	
**18 BANFIELD LRT STATION AREA PLANNING PROGRAM(T)*****290*80900**01534*****									N/A
PE	1,028,069	0	0	0	0	0	0	1,028,069	
RESRV	0	0	0	0	0	0	528,194	528,194	
TOTAL	1,028,069	0	0	0	0	0	528,194	1,556,263	
**19 TRI-MET RIDESHARE PROGRAM*****295*80303**00000*****									N/A
OPRTG	1,581,820	0	0	0	0	0	0	1,581,820	
RESRV	0	0	267,916	0	0	0	-52,505	215,411	
TOTAL	1,581,820	0	267,916	0	0	0	-52,505	1,797,231	

ANNUAL ELEMENT YEAR

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

INTERSTATE TRANSFER PROGRAM

CATEGORY I  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

1986

1987

1988

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AUTHORIZED

FAP

\*\*20 PORTLAND/VANCOUVER CORRIDOR ANALYSIS...BI-STATE TASK FORCE(T)\*\*\*\*\*310\*20032\*\*00000\*\*\*\*\*  
PE 72,311 0 0 0 0 0 0 72,311  
TOTAL 72,311 0 0 0 0 0 0 72,311

N/A

\*\*21 MCLOUGHLIN CORRIDOR TRANSIT ANALYSIS(T)\*\*\*\*\*588\*00000\*\*00000\*\*\*\*\*  
PE 130,855 0 0 0 0 0 0 130,855  
TOTAL 130,855 0 0 0 0 0 0 130,855

FAP26

\*\*22 REGIONAL RESERVE(T)\*\*\*\*\*625\*00000\*\*00000\*\*\*\*\*

N/A

\*\*23 NW NICOLAI ST-NW 29TH TO NW 24TH\*\*\*\*\*731\*79038\*\*00129\*\*\*\*\*  
R/W 43,775 0 0 0 0 -10,641 0 33,134  
CONST 2,245,054 0 0 0 0 -56,899 0 2,188,155  
RESRV 0 0 0 0 0 0 116,823 116,823  
TOTAL 2,288,829 0 0 0 0 67,540 116,823 2,338,112

FAP19296

\*\*24 NW YEON AVE-NW ST HELENS RD TO NW NICOLAI\*\*\*\*\*733\*79038\*\*00364\*\*\*\*\*  
R/W 2,471,800 0 0 0 0 -343,825 0 2,127,975  
CONST 10,108,178 0 0 0 0 -450,625 0 9,657,553  
RESRV 0 0 0 0 0 0 25,222 25,222  
TOTAL 12,579,978 0 0 0 0 -794,450 25,222 11,810,750

FAP1

\*\*25 NW ST HELENS RD-NW KITTRIDGE TO NW 31ST AVE\*\*\*\*\*734\*79038\*\*01891\*\*\*\*\*  
R/W 189,550 0 0 0 0 0 0 189,550  
CONST 1,684,474 0 44,534 0 0 0 0 1,729,008  
RESRV 0 0 0 0 0 0 65,528 65,528  
TOTAL 1,874,024 0 44,534 0 0 0 65,528 1,984,086

FAP19296

\*\*26 VAUGHN ST/WARDWAY-NW 31ST AVE TO NW 24TH AVE\*\*\*\*\*735\*79038\*\*00387\*\*\*\*\*  
R/W 0 0 8,500 0 0 0 0 8,500  
CONST 0 0 0 1,275,000 0 0 0 1,275,000  
RESRV 0 0 0 0 0 0 -226,118 -226,118  
TOTAL 0 0 8,500 1,275,000 0 0 -226,118 1,057,382

FAP19296

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

INTERSTATE TRANSFER PROGRAM

CATEGORY I  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988

1989

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POST 1990

AUTHORIZED

FAM

**27 FRONT-YEON CONNECTION*****738*79038**00586*****									FAU9300
R/W 1,753,549	0	0	0	0	0	0	0	1,753,549	
CONST 4,614,922	0	0	0	0	-23,458	0	0	4,591,464	
RESRV 0	0	0	0	0	0	1,358,537	1,358,537	1,358,537	
TOTAL 6,368,471	0	0	0	0	-23,458	1,358,537	7,703,550		
**28 REGIONAL RESERVE*****755*00000**00000*****									H/A
RESRV 0	0	0	0	0	0	16,970,573	16,970,573	16,970,573	
TOTAL 0	0	0	0	0	0	16,970,573	16,970,573		
**29 PHASE I ALTERNATIVES ANALYSIS(T)*****765*80404**00000*****									MISC
PE 250,000	0	0	0	0	0	0	250,000		
TOTAL 250,000	0	0	0	0	0	0	250,000		
**30 BANFIELD CORRIDOR RIDESHARE MARKETING PROGRAM*****770*10192**00000*****									FAP68
OPRTG 23,290	0	0	0	0	0	0	23,290		
TOTAL 23,290	0	0	0	0	0	0	23,290		
**31 BANFIELD TRAFFIC MONITORING PROGRAM*****771*10183**01806*****									FAP68
CONST 193,290	0	0	0	0	0	0	193,290		
TOTAL 193,290	0	0	0	0	0	0	193,290		
**32 SUNSET LIGHT RAIL PROGRAM(T)*****773*10033**00000*****									FAP27
PE 500,004	0	0	0	0	0	0	500,004		
TOTAL 500,004	0	0	0	0	0	0	500,004		
**33 NW TRANSPORTATION SYSTEMS MANAGEMENT PROGRAM*****802*B4016**02358*****									MISC
PE 142,035	0	0	0	0	0	0	142,035		
CONST 0	0	70,465	0	0	0	0	70,465		
TOTAL 142,035	0	70,465	0	0	0	0	212,500		

  
ANNUAL ELEMENT YEAR



METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

INTERSTATE TRANSFER PROGRAM

PORTLAND URBANIZED AREA

CATEGORY I  
(CONTINUED)

## PROJECT DESCRIPTION

## ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR

ESTIMATED OBLIGATED	EXPENDITURES 1986	1987	1988	1989	1990	POST 1990	AUTHORIZED	FAC
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**34 SUNSET HIGHWAY RAMP METERING*****827*10231**02235*****										FAP27
PE	40,000	0	0	0	0	0	0	40,000		
CONST	0	0	280,000	0	0	0	0	280,000		
RESRV	0	0	0	0	0	0	450,000	450,000		
TOTAL	40,000	0	280,000	0	0	0	450,000	770,000		

**35 OBLIGATIONAL AUTHORITY RESERVE-CATEGORY I-HIGHWAY*****832*00000**0000*****	N/A
RESRV           0     1,722,644               0               0               0               -1,722,644               0	
TOTAL          0     1,722,644               0               0               0               -1,722,644               0	

**36 OBLIGATIONAL AUTHORITY RESERVE-CATEGORY I-TRANSIT(T)*****843**00000***0-000*****1494944949*****1	N/A
RESRV           0       2,231,930           0           0           0           0       -2,231,930           0	
TOTAL          0       2,231,930           0           0           0           0       -2,231,930           0	

TOTAL CATEGORY I

PE	26,524,315	286,951	0	0	0	0	0	26,811,266
R/W	33,873,974	4,665,140	26,180	0	0	-354,466	0	38,210,828
CONST	162,357,913	0	394,999	9,125,005	5,226,905	1,151,338	0	178,256,160
OPRTG	1,641,209	0	0	0	0	0	0	1,641,209
RESRV	0	3,954,574	367,916	100,000	0	0	19,872,742	24,295,232
TOTAL	224,397,411	8,906,665	789,095	9,225,005	5,226,905	796,872	19,872,742	269,214,695

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990  
EFFECTIVE OCTOBER 1, 1986

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS  
INTERSTATE TRANSFER PROGRAM  
CITY OF PORTLAND

**PROJECT DESCRIPTION**

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR		1986	1987	1988	1989	1990	POST 1990	AUTHORIZED	FA#
PROJECT DESCRIPTION	OBLIGATED								
<b>**37 FINAL VOUCHERED PROJECTS*****0000*****</b>									00000
PE 419,953	0	0	0	0	0	0	0	419,953	
R/W 255,376	0	0	0	0	0	0	0	255,376	
CONST 7,756,561	0	0	0	0	0	0	0	7,756,561	
TOTAL 8,431,890	0	0	0	0	0	0	0	8,431,890	FINAL
<b>**38 N COLUMBIA BLVD-0.25 MI W OF TERMINAL RD TO W OSWEGO AVEN*****9*75019*400000*****</b>									FAU9956
R/W 331,500	0	0	0	0	0	0	0	331,500	
CONST 2,837,304	0	0	0	0	0	0	0	2,837,304	
TOTAL 3,168,804	0	0	0	0	0	0	0	3,168,804	
<b>**39 BASIN AVENUE/GOING STREET PROJECT*****18*76088**00000*****</b>									FAU9930
R/W 296,310	0	0	0	0	0	0	0	296,310	
CONST 1,679,172	0	0	0	0	0	0	0	1,679,172	
TOTAL 1,975,482	0	0	0	0	0	0	0	1,975,482	
<b>**40 N INTERSTATE AVE-GREELEY TO RUSSELL*****21*76009**00305*****</b>									FAU9945
CONST 88,403	0	0	0	0	0	0	0	88,403	
TOTAL 88,403	0	0	0	0	0	0	0	88,403	
<b>**41 HOLLYWOOD DISTRICT IMPROVEMENTS-NE SANDY BLVD-37TH TO 47TH*****28*76071**00115*****</b>									FAU9326
PE 319,608	0	0	0	0	0	0	0	319,608	
R/W 197,200	0	0	0	0	0	0	0	197,200	
CONST 2,655,181	0	0	0	0	0	0	0	2,655,181	
TOTAL 3,171,989	0	0	0	0	0	0	0	3,171,989	
<b>**42 SE HOLGATE BLVD-SE 17TH AVE TO SE 28TH AVE-BRIDGE AND APPROACHES*****42*76002**00000*****</b>									FAU9793
CONST 4,094,600	0	0	0	0	0	0	0	4,094,600	
TOTAL 4,094,600	0	0	0	0	0	0	0	4,094,600	

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

INTERSTATE TRANSFER PROGRAM

CITY OF PORTLAND  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988 1989 1990 POST 1990 AUTHORIZED FA#

**43 ARTERIAL STREET 3R PROGRAM*****43*10050**01569*****1*****1										MISC
PE	214,832	0	0	0	0	0	0	214,832		
CONST	5,834,873	0	0	0	0	0	0	5,834,873		
TOTAL	6,049,705	0	0	0	0	0	0	6,049,705		

**44 MCLOUGHLIN NEIGHBORHOOD TRAFFIC CIRCULATION*****153*80081**02345*****1*****1										N/A
PE	19,000	27,530	0	0	0	0	0	46,530		
CONST	0	0	0	100,980	0	0	0	100,980		
TOTAL	19,000	27,530	0	100,980	0	0	0	147,510		

**45 SE DIVISION CORRIDOR-DIVISION/CLINTON/HARRISON*****189*78069**00389*****1*****1										FAU9800
PE	51,550	0	0	0	0	0	0	51,550		
TOTAL	51,550	0	0	0	0	0	0	51,550		

**46 39TH AVENUE CORRIDOR IMPROVEMENT-GLISAN TO HOLGATE*****191*78070**00000*****1*****1										FAU9699
PE	76,592	0	0	0	0	0	0	76,592		
R/W	425,000	-3,103	0	0	0	0	0	421,897		
CONST	1,165,617	0	0	0	0	0	0	1,165,617		
TOTAL	1,667,209	-3,103	0	0	0	0	0	1,664,106		

**47 UNION AVENUE(OR99E)-WEIDLER TO COLUMBIA BLVD-#6*****195*74001**00000*****1*****1										FAU9809
PE	267,944	0	0	0	0	0	0	267,944		
R/W	205,700	0	0	0	0	0	0	205,700		
CONST	6,308,634	0	0	0	0	0	0	6,308,634		
TOTAL	6,782,278	0	0	0	0	0	0	6,782,278		

**48 GOING STREET NOISE MITIGATION PROJECT*****198*78080**00000*****1*****1										FAU9945
PE	287,720	0	0	0	0	0	0	287,720		
CONST	629,262	0	0	0	0	0	0	629,262		
TOTAL	916,982	0	0	0	0	0	0	916,982		

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

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EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

PORTLAND URBANIZED AREA

INTERSTATE TRANSFER PROGRAM

CITY OF PORTLAND  
(CONTINUED)

**PROJECT DESCRIPTION**

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

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AUTHORIZED

FA#

**49 SW BROADWAY-SW 4TH TO SW 6TH*****200*10092**00582*****									FAU9345
PE	98,012	0	0	0	0	0	0	98,012	
CONST	399,950	12,780	0	0	0	0	0	412,730	
TOTAL	497,962	12,780	0	0	0	0	0	510,742	
**50 NW 18TH/19TH AND NW 14TH/16TH COUPLET*****239*78067**00000*****									FAU9295
PE	55,920	0	0	0	0	0	0	55,920	
CONST	377,229	0	0	0	0	0	0	377,229	
TOTAL	433,149	0	0	0	0	0	0	433,149	
**51 BEAVERTON HILLSDALE HWY(OR10)-CAPITOL HWY TO SCHOLLS FY RD*****243*76350**00383*****									FAU9228
PE	298,282	-238	0	0	0	0	0	298,044	
R/W	522,410	0	0	0	0	0	0	522,410	
CONST	1,732,097	0	0	0	0	0	0	1,732,097	
TOTAL	2,552,789	-238	0	0	0	0	0	2,552,551	
**52 FAU REPLACEMENT CONTINGENCY-CITY OF PORTLAND*****261*00000**00000*****									N/A
RESRV	0	0	0	0	0	1,109,062	1,109,062		
TOTAL	0	0	0	0	0	1,109,062	1,109,062		
**53 ST HELENS ROAD RECONSTRUCTION-WEST CITY LIMITS TO NW KITTRIDGE *****2/1*79067**00445*****									FAP1
PE	197,665	0	0	0	0	0	0	197,665	
RESRV	0	0	52,335	0	0	0	0	52,335	
TOTAL	197,665	0	52,335	0	0	0	0	250,000	
**54 W BURNSIDE ROAD/TICHER DRIVE INTERSECTION IMPROVEMENT*****282*79058**00300*****									FAU9326
PE	26,972	0	0	0	0	0	0	26,972	
R/W	69,820	0	0	0	0	0	0	69,820	
CONST	487,749	0	0	0	0	0	0	487,749	
TOTAL	584,541	0	0	0	0	0	0	584,541	

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

INTERSTATE TRANSFER PROGRAM

CITY OF PORTLAND  
(CONTINUED)

**PROJECT DESCRIPTION**

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988

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1990

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AUTHORIZED

FA#

\*\*55 NORTHWEST PORTLAND TRANSPORTATION STUDY\*\*\*\*\*285\*79035\*\*00000\*\*\*\*\*  
PE 32,130 0 0 0 0 0 0 32,130  
TOTAL 32,130 0 0 0 0 0 0 32,130

N/A

\*\*56 NW FRONT AVENUE RECONSTRUCTION-NW GLISAN TO NW 26TH AVE\*\*\*\*\*286\*80006\*\*00588\*\*\*\*\*  
PE 243,537 0 0 0 0 0 0 243,537  
R/W 120,700 0 0 0 0 0 0 120,700  
CONST 4,212,258 34,000 0 0 0 0 0 4,246,258  
TOTAL 4,576,495 34,000 0 0 0 0 0 4,610,495

FAU9300

\*\*57 MARINE DRIVE WIDENING TO FOUR LANES-15 TO RIVERGATE\*\*\*\*\*298\*79056\*\*00458\*\*\*\*\*  
PE 233,750 0 198,050 396,099 0 0 0 827,899  
R/W 0 0 6,098,750 0 0 0 0 6,098,750  
CONST 0 0 0 11,264,492 0 0 0 11,264,492  
RESRV 0 0 0 0 0 0 -9,457,391 -9,457,391  
TOTAL 233,750 0 6,296,800 11,660,591 0 0 -9,457,391 8,733,750

FAU9962

\*\*58 NE PORTLAND HWY IMPROVEMENT TO FOUR LANES-NE 60TH AVE TO I205\*\*\*\*\*301\*79055\*\*00881\*\*\*\*\*  
PE 190,570 39,015 0 0 0 0 0 229,585  
R/W 340,000 0 0 0 0 0 0 340,000  
CONST 2,230,137 0 0 0 0 0 0 2,230,137  
RESRV 0 0 0 0 0 0 280,848 280,848  
TOTAL 2,760,707 39,015 0 0 0 0 280,848 3,080,570

FAU9966

\*\*59 POWELL BUTTE/MT SCOTT STUDY AREA-PROJECT DEVELOPMENT\*\*\*\*\*308\*79081\*\*00300\*\*\*\*\*  
PE 29,750 0 0 0 0 0 0 29,750  
TOTAL 29,750 0 0 0 0 0 0 29,750

MISC

\*\*60 SW TERWILLIGER BLVD-BARBUR BLVD TO TAYLORS FERRY RD\*\*\*\*\*309\*80015\*\*00709\*\*\*\*\*  
PE 295,205 0 0 0 0 0 0 295,205  
R/W 0 0 255,000 0 0 0 0 255,000  
CONST 0 0 0 919,229 0 0 0 919,229  
TOTAL 295,205 0 255,000 919,229 0 0 0 1,469,434

FAU9361

**ANNUAL ELEMENT YEAR**

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

# INTERSTATE TRANSFER PROGRAM

CITY OF PORTLAND  
(CONTINUED)

PORTLAND URBANIZED AREA

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR	1986	1987	1
OBLIGATED			

1989

1990

POST 1990

**AUTHORIZED**

FA#

*****51584078*****02535*****44444444444444444444*****								FAU9420
##61 SW BERTHA BLVD-SW VERMONT TO BARBUR BLVD	0	0	152,208	0	0	0	152,208	
PE	0	0	0	1,257,418	0	0	1,257,418	
CONST	0	0	152,208	1,257,418	0	0	1,409,626	
TOTAL	0	0	152,208	1,257,418	0	0	1,409,626	

**62 82ND AVENUE-SISKIYOU TO BROADWAY*****551*79049**00000								FBI/9713
PE	37,442	0	0	0	0	0	37,442	
CONST	221,178	0	0	0	0	0	221,178	
TOTAL	258,620	0	0	0	0	0	258,620	

[illegible]

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**64 NW 23RD AVE/BURNSIDE*****626*10093**00733*****
PE          95,624          61,723          0          0          0          0          0          157,347
R/W          0          0          263,500          0          0          0          0          263,500
CONST          0          0          0          1,082,790          0          0          0          1,082,790
TOTAL        95,624          61,723          263,500          1,082,790          0          0          0          1,533,637

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[illegible]

**66 NW INTERSECTION IMPROVEMENTS-22 LOCATIONS*****631*10017**00545*****										MTSC
PE	33,000	24,132	0	0	0	0	0	0	57,132	
R/W	0	0	8,500	0	0	0	0	0	8,500	
CONST	0	0	280,508	0	0	0	0	0	280,508	
TOTAL	33,000	24,132	289,008	0	0	0	0	0	346,140	

**ANNUAL ELEMENT YEAR**

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

EFFECTIVE OCTOBER 1, 1986

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

# INTERSTATE TRANSFER PROGRAM

CITY OF PORTLAND  
(CONTINUED)

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

1986

1987

1938

1989

1950

POST 1990

**AUTHORIZED**

FA#

##67 NW CIRCULATION IMPROVEMENTS-10 INTERSECTIONS\*\*\*\*\*632\*84015\*\*02462\*\*\*\*  
MISC

PE	R/W	CONST	TOTAL
13,600	15,897	0	29,497
0	0	8,500	8,500
0	0	101,162	101,162
13,600	15,897	109,662	139,159

**NISC**

##68 SIGNAL REPLACEMENT-34 LOCATIONS#####643#10107##00659#####4####4####4####4####4####4##### NTSC

PE	41,576	0	0	0	0	0	0	41,576
CONST	1,064,300	0	0	0	0	0	0	1,064,300
TOTAL	1,105,876	0	0	0	0	0	0	1,105,876

HTSC

\*\*69 SIGNAL REPLACEMENT-16 LOCATIONS\*\*\*\*\*645\*80080\*\*00000\*\*\*\*4 14 1XX 1XX 1XX 143 1X 144X 144XXXXXXX1 MISC

CONST	386,083	0	0	0	0	0	0	386,083
TOTAL	386,083	0	0	0	0	0	0	386,083

MTSC

\*\*\*\*\*  
 \*\*70 COLISEUM AREA TRAFFIC SIGNALS-SIGNAL IMPROVEMENT\*\*\*\*\*657\*78119\*\*00000\*\*\*\*\*MISC

CONST	390,000	0	0	0	0	0	0	390,000
TOTAL	390,000	0	0	0	0	0	0	390,000

MISF

\*\*71 CITYWIDE SIGNAL SYSTEM ANALYSIS\*\*\*\*\*66080042\*\*00620\*\*\*\*\*YXAXXXXXXXYYXXX1XXXXXXXX

PE	1,033,073	0	0	0	0	0	0	1,033,073
CONST	2,079,588	600,000	201,712	0	0	0	0	2,881,300
TOTAL	3,112,661	600,000	201,712	0	0	0	0	3,914,373

HTSC

##72 CBD TRAFFIC SIGNAL REPLACEMENTS UNIT B-BANFIELD LRT CORRIDOR\*\*\*\*\*6628491\*\*000011111111111111111111 MISC

PE	110,272	0	0	0	0	0	110,272
CONST	1,050,228	0	0	0	0	0	1,050,228
TOTAL	1,160,500	0	0	0	0	0	1,160,500

MIS

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

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PORTLAND URBANIZED AREA

CITY OF PORTLAND  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988

1989

1990

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AUTHORIZED

FA#

**73 INTERSTATE AT TILLAMOOK-SIGNAL REPLACEMENT*****663*80005**00000*****444*****4												FA#9361
PE	166	0	0	0	0	0	0	0	0	0	166	
CONST	29,627	0	0	0	0	0	0	0	0	0	29,627	
TOTAL	29,793	0	0	0	0	0	0	0	0	0	29,793	

**74 COLUMBIA BLVD-DELAWARE TO CHAUTAUGUA*****712*10131**00768*****444*****4												FA#9956
PE	118,150	0	0	0	0	0	0	0	0	0	118,150	
TOTAL	118,150	0	0	0	0	0	0	0	0	0	118,150	

**75 NORTHWEST RIDESHARE*****723*10090**00000*****444*****4												MISC
OPRTG	85,000	0	0	0	0	0	0	0	0	0	85,000	
TOTAL	85,000	0	0	0	0	0	0	0	0	0	85,000	

**76 BANFIELD FIRE LINE*****724*00000**00000*****444*****4												FA#69
PE	15,842	0	0	0	0	0	0	0	0	0	15,842	
TOTAL	15,842	0	0	0	0	0	0	0	0	0	15,842	

**77 SW VERMONT STREET-30TH AVENUE TO OLESON ROAD*****726*10133**02013*****444*****4												FA#9398
PE	208,930	0	0	0	0	0	0	0	0	0	208,930	
TOTAL	208,930	0	0	0	0	0	0	0	0	0	208,930	

**78 MARQUAM RAMP STREET IMPROVEMENTS-SE WATER/YAMHILL/TAYLOR/CLAY*****727*10132**01412*****444*****4												FA#9366
PE	95,072	0	0	0	0	0	0	0	0	0	95,072	
CONST	813,725	0	0	0	0	0	0	0	0	0	813,725	
RESRV	0	0	0	0	0	0	0	34,278	34,278	0	34,278	
TOTAL	908,797	0	0	0	0	0	0	34,278	34,278	0	943,075	

**79 82ND AVENUE-DIVISION TO CRYSTAL SPRINGS-UNITS 1 & 2*****730*79049**00700*****444*****4												FA#9713
PE	426,529	25,396	0	0	0	0	0	0	0	0	451,925	
R/W	2,125,000	0	0	-461,000	0	0	0	0	0	0	1,664,000	
CONST	0	0	0	880,075	0	0	0	0	0	0	880,075	
TOTAL	2,551,529	25,396	0	419,075	0	0	0	0	0	0	2,996,000	

**ANNUAL ELEMENT YEAR**



**METROPOLITAN SERVICE DISTRICT  
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PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS  
INTERSTATE TRANSFER PROGRAM

CITY OF PORTLAND  
(CONTINUED)

**PROJECT DESCRIPTION**

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

1986

1987

1988

1989

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AUTHORIZED

FA#

**80 CITY OF PORTLAND REGIONAL TRANSIT/HIGHWAY IMPROVEMENT PROJECTS*****749*20000*00000*****1								MISC
RESRV	0	0	0	0	0	0	793,470	793,470
TOTAL	0	0	0	0	0	0	793,470	793,470

**81 NW FRONT AVE-GLISAN TO COUCH(EVERETT-FRONT CONNECTOR)*****751*10140*01250*****1								FAU9300
PE	211,182	0	0	0	0	0	0	211,182
CONST	1,932,209	0	0	0	0	0	0	1,932,209
TOTAL	2,143,391	0	0	0	0	0	0	2,143,391

**82 N VANCOUVER WAY-UNION AVENUE TO MARINE DRIVE*****762*10149*01555*****1								FAU9960
PE	270,300	0	0	0	0	0	0	270,300
R/W	21,250	0	0	0	0	0	0	21,250
CONST	2,498,057	0	0	0	0	0	0	2,498,057
TOTAL	2,789,607	0	0	0	0	0	0	2,789,607

**83 UNALLOCATED RESERVE-CITY OF PORTLAND*****788*00000*00000*****1								N/A
RESRV	0	0	0	0	0	0	848,844	848,844
TOTAL	0	0	0	0	0	0	848,844	848,844

**84 PEDESTRIAN/SCHOOL SIGNAL-NE 47TH AVENUE AND OREGON*****801*10207*01968*****1								FAU9837
PE	4,818	0	0	0	0	0	0	4,818
CONST	35,094	0	0	0	0	0	0	35,094
TOTAL	39,912	0	0	0	0	0	0	39,912

**85 BANFIELD FREEWAY-CITY BRIDGE REPAIR WORK*****808*00000*00000*****1								FAI84
CONST	153,630	0	0	0	0	0	0	153,630
TOTAL	153,630	0	0	0	0	0	0	153,630

**86 OBLIGATIONAL AUTHORITY RESERVE-CITY OF PORTLAND*****833*00000*00000*****1								N/A
RESRV	0	2,597,230	0	0	0	0	-2,597,230	0
TOTAL	0	2,597,230	0	0	0	0	-2,597,230	0

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INTERSTATE TRANSFER PROGRAM

CITY OF PORTLAND  
(CONTINUED)

PROJECT DESCRIPTION	ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR	1986	1987	1988	1989	1990	POST 1990	AUTHORIZED	FA#
OBLIGATED									
<b>**87 SIGNAL MODIFICATIONS(3)-NORTH PORTLAND*****840*84001**02362*****</b>									MISC
PE 53,850	0	0	0	0	0	0	0	53,850	
RESRV 0	0	0	0	0	0	0	3,250	3,250	
TOTAL 53,850	0	0	0	0	0	0	3,250	57,100	
<b>**88 NEW CBD TRAFFIC SIGNALS(5)*****841*84003**02363*****</b>									MISC
PE 18,800	0	0	0	0	0	0	0	18,800	
CONST 275,796	0	0	0	0	0	0	0	275,796	
TOTAL 294,596	0	0	0	0	0	0	0	294,596	
<b>**89 SIGNAL REPLACEMENTS(22)*****842*84002**02364*****</b>									MISC
PE 32,689	0	0	0	0	0	0	0	32,689	
CONST 765,025	0	0	0	0	0	0	0	765,025	
TOTAL 797,714	0	0	0	0	0	0	0	797,714	
<b>**90 NE HOLLADAY LRT TRAFFIC SIGNALS*****847*00000**00000*****</b>									FAU9903
CONST 696,900	0	0	0	0	0	0	0	696,900	
TOTAL 696,900	0	0	0	0	0	0	0	696,900	
<b>**91 NE LOMBARD/COLUMBIA BLVD VIA NE 60TH AVENUE*****854*80011**00835*****</b>									FAU9917
PE 212,925	0	0	0	0	0	0	0	212,925	
TOTAL 212,925	0	0	0	0	0	0	0	212,925	
<b>**92 N RIVERGATE DRIVE-SLOUGH BRIDGE STREET APPROACHES*****856*10246**02232*****</b>									FAU9958
PE 14,062	0	0	0	0	0	0	0	14,062	
CONST 691,070	0	0	0	0	0	0	0	691,070	
TOTAL 705,132	0	0	0	0	0	0	0	705,132	
<b>**93 NE GERTZ/13TH-VANCOUVER WAY TO MERRITT/FAZIO*****857*84051**02464*****</b>									FAU9961
PE 62,611	107,108	0	0	0	0	0	0	169,719	
CONST 0	1,313,203	0	0	0	0	0	0	1,313,203	
TOTAL 62,611	1,420,311	0	0	0	0	0	0	1,482,922	

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INTERSTATE TRANSFER PROGRAM

MULTNOMAH COUNTY  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988 1989 1990 POST 1990 AUTHORIZED FA#

*102 182ND AVENUE WIDENING-DIVISION ST TO POWELL BLVD*****213*78010**00000*****1									FAU9891
PE 53,700	0	0	0	0	0	0	0	53,700	
R/W 72,250	-1,054	0	0	0	0	0	0	71,196	
CONST 1,030,702	0	0	0	0	0	0	0	1,030,702	
RESRV 0	0	1,054	0	0	0	0	0	1,054	
TOTAL 1,156,652	-1,054	1,054	0	0	0	0	0	1,156,652	
*103 221ST AVENUE-POWELL THROUGH JOHNSON CREEK BRIDGE--(1 & 2)*****214*78012**00590*****1									FAU9867
PE 274,787	0	0	0	0	0	0	0	274,787	
R/W 342,635	0	0	0	0	0	0	0	342,635	
CONST 2,304,532	0	0	0	0	0	0	0	2,304,532	
RESRV 0	0	39,478	0	0	0	0	0	39,478	
TOTAL 2,921,954	0	39,478	0	0	0	0	0	2,961,432	
*104 SANDY BLVD CORRIDOR-99TH AVE TO 162ND AVE*****244*78049**00118*****1									FAU9326
PE 77,415	0	0	0	0	0	0	0	77,415	
R/W 41,990	0	0	0	0	0	0	0	41,990	
CONST 470,898	0	0	0	0	0	0	0	470,898	
TOTAL 590,303	0	0	0	0	0	0	0	590,303	
*105 E BURNSIDE-SE 223RD TO SE POWELL BLVD-CONSTRUCTION*****252*76034**00000*****1									FAU9822
CONST 1,520,466	0	0	0	0	0	0	0	1,520,466	
RESRV 0	0	0	0	0	0	0	0	0	
TOTAL 1,520,466	0	0	0	0	0	0	0	1,520,466	
*106 POWELL AND 190TH INTERSECTION IMPROVEMENT*****293*77064**00366*****1									FAP24
PE 294,394	0	0	0	0	0	0	0	294,394	
R/W 753,950	0	0	0	0	0	0	0	753,950	
CONST 0	1,130,435	0	0	0	0	0	0	1,130,435	
RESRV 0	0	0	0	0	0	285,195	285,195	285,195	
TOTAL 1,048,344	1,130,435	0	0	0	0	285,195	2,453,974		

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MULTNOMAH COUNTY  
(CONTINUED)

**PROJECT DESCRIPTION**

**ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED**

	1986	1987	1988	1989	1990	POST 1990	AUTHORIZED	FA#
*107 BURNSIDE ST-STARK TO 223RD AVE(BANFIELD FUNDED: STARK TO 199TH)*****294760341*00388*****								FAU9822
R/W 225,250	0	0	0	0	0	0	225,250	
CONST 2,062,119	0	0	0	0	0	0	2,062,119	
RESRV 0	0	0	0	0	0	-8,015	-8,015	
TOTAL 2,287,369	0	0	0	0	0	-8,015	2,279,354	
*108 US308-NE PORTLAND HWY AT NE 158TH-SIGNAL/CHANNELIZE-FAP*****404780494*02091*****								FAU9966
CONST 66,631	0	0	0	0	0	0	66,631	
RESRV 0	0	0	0	0	0	169	169	
TOTAL 66,631	0	0	0	0	0	169	66,800	
*109 SYLVAN/SKYLINE IMPROVEMENTS-VICINITY OF SUNSET HIGHWAY*****831840801*02586*****								FAU9235
PE 54,272	0	0	0	0	0	0	54,272	
RESRV 0	0	0	0	0	0	1,745,728	1,745,728	
TOTAL 54,272	0	0	0	0	0	1,745,728	1,800,000	
*110 OBLIGATIONAL AUTHORITY RESERVE-MULTNOMAH COUNTY*****83400000*00000*****								H/A
RESRV 0	473,339	0	0	0	0	-473,339	0	
TOTAL 0	473,339	0	0	0	0	-473,339	0	
*111 SE STARK STREET-242ND AVENUE TO 257TH AVENUE*****83710206*02036*****								FAU9810
PE 42,500	0	0	0	0	0	0	42,500	
CONST 1,367,724	0	0	0	0	0	0	1,367,724	
RESRV 0	0	0	0	0	0	70,256	70,256	
TOTAL 1,410,224	0	0	0	0	0	70,256	1,480,480	
*112 SE STARK STREET-221ST AVENUE TO 242ND AVENUE*****84485054*03686*****								FAU9810
PE 64,982	0	55,018	0	0	0	0	120,000	
R/W 0	0	300,000	0	0	0	0	300,000	
RESRV 0	0	0	0	0	0	320,799	320,799	
TOTAL 64,982	0	355,018	0	0	0	320,799	740,799	

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MULTNOMAH COUNTY  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988

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FAA

TOTAL MULTNOMAH COUNTY

PE	1,604,177	0	109,881	0	0	0	0	1,714,058
R/W	3,762,642	-1,054	300,000	0	0	0	0	4,061,588
CONST	14,463,325	3,323,608	0	0	0	0	0	17,786,933
RESRV	0	577,039	69,121	0	0	0	1,940,793	2,586,953
TOTAL	19,830,144	3,899,593	479,002	0	0	0	1,940,793	26,149,532

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CLACKAMAS COUNTY

PROJECT DESCRIPTION	ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR	1986	1987	1988	1989	1990	POST 1990	AUTHORIZED	FA#
OBLIGATED									
*113 FINAL VOUCHERED PROJECTS*****0000*****									00000
PE 10,530	0	0	0	0	0	0	0	10,530	
CONST 686,917	0	0	0	0	0	0	0	686,917	
TOTAL 697,447	0	0	0	0	0	0	0	697,447	FINAL
*114 LOWER BOONES FERRY RD-MADRONA TO SW JEAN*****68*80104**00677*****									FAU9473
R/W 597,833	0	0	0	0	0	0	0	597,833	
CONST 572,331	0	0	0	0	0	0	0	572,331	
RESRV 0	0	0	0	0	0	0	-114,408	-114,408	
TOTAL 1,170,164	0	0	0	0	0	0	-114,408	1,055,756	
*115 SUNNYSIDE ROAD-STEVENS ROAD TO 122ND UNIT I*****77*77147**00127*****									FAU9718
PE 21,845	0	0	0	0	0	0	0	21,845	
R/W 148,750	0	0	0	0	0	0	0	148,750	
CONST 342,912	0	0	0	0	0	0	0	342,912	
TOTAL 513,507	0	0	0	0	0	0	0	513,507	
*116 OSWEGO CREEK BRIDGE(OR43)-BRIDGE REPLACEMENT AND NEW BIKEWAY*****103*76085**00000*****									FAU9565
PE 98,856	0	0	0	0	0	0	0	98,856	
R/W 37,635	0	0	0	0	0	0	0	37,635	
CONST 1,945,687	0	0	0	0	0	0	0	1,945,687	
RESRV 0	0	0	0	0	0	0	-22,933	-22,933	
TOTAL 2,082,178	0	0	0	0	0	0	-22,933	2,059,245	
*117 HIGHWAY 212 IMPROVEMENTS (I205 EAST TO HIGHWAY 224)*****124*77037**00384*****									FAP74
PE 487,891	0	0	0	0	0	0	0	487,891	
R/W 2,890,000	0	0	0	0	0	0	0	2,890,000	
CONST 5,102,373	0	0	0	0	0	0	0	5,102,373	
RESRV 0	0	0	0	0	0	0	-101,076	-101,076	
TOTAL 8,480,264	0	0	0	0	0	0	-101,076	8,379,188	

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CLACKAMAS COUNTY  
(CONTINUED)

**PROJECT DESCRIPTION**

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OBLIGATED 1986 1987 1988

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POST 1990

AUTHORIZED

FAS

*118 OREGON CITY BYPASS-PARK PLACE TO COMMUNITY COLLEGE*****125*76007**01670*****										
PE	1,111,424	0	0	0	0	0	0	0	1,111,424	
R/W	5,074,500	0	0	0	0	0	0	0	5,074,500	
CONST	16,453,006	85,070	0	0	0	0	0	0	16,538,076	
RESRV	0	0	0	0	0	0	-608,004	-608,004		
TOTAL	22,638,930	85,070	0	0	0	0	-608,004	22,115,996		

FAI0378

*119 STATE STREET CORRIDOR(OR43)-TERWILLIGER TO LADD*****133*77068**00359*****										
PE	265,710	0	0	0	0	0	0	0	265,710	
R/W	694,450	0	0	0	0	0	0	0	694,450	
CONST	116,096	0	651,847	0	0	0	0	0	767,943	
TOTAL	1,076,256	0	651,847	0	0	0	0	0	1,728,103	

FAI9565

*120 GLADSTONE/MILWAUKIE SUBAREA TSM*****248*00000**00000*****										
PE	212,708	0	0	0	0	0	0	0	212,708	
R/W	146,944	0	0	0	0	0	0	0	146,944	
CONST	1,441,202	0	0	0	0	0	0	0	1,441,202	
RESRV	0	0	0	0	0	0	23,560	23,560		
TOTAL	1,800,854	0	0	0	0	0	23,560	1,824,414		

MISC

*121 JENNIFER EXTENSION-130TH TO 135TH/130TH TO HWY 212*****490*85049**03628*****										
PE	36,167	0	0	0	0	0	0	0	36,167	
RESRV	0	0	38,833	0	0	0	0	0	38,833	
TOTAL	36,167	0	38,833	0	0	0	0	0	75,000	

FAI9734

*122 EXTENSION OF SE 98TH-LAWNFIELD TO MATHER*****492*85052**03625*****										
PE	77,010	0	0	0	0	0	0	0	77,010	
TOTAL	77,010	0	0	0	0	0	0	0	77,010	

FAI9725

*123 SE 84TH AVE EXTENSION-SOUTHERLY TERMINUS TO LAWNFIELD*****497*85048**03624*****										
PE	37,145	0	0	0	0	0	0	0	37,145	
RESRV	0	0	37,855	0	0	0	0	0	37,855	
TOTAL	37,145	0	37,855	0	0	0	0	0	75,000	

FAI9722

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CLACKAMAS COUNTY  
(CONTINUED)

**PROJECT DESCRIPTION**

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OBLIGATED 1986 1987 1988

1989 1990 POST 1990 AUTHORIZED FA#

*124 SE 122ND AVE-SE SUNNYSIDE RD TO SE DAVIS(HUBBARD) LANE*****499*85050*03627*****1									FAU9739
PE	0	75,000	0	0	0	0	0	75,000	
TOTAL	0	75,000	0	0	0	0	0	75,000	
 *125 PORTION OF KING RD AND 42ND-44TH TO 42ND/MONROE SE OF 42ND*****500*85055*03626*****1									FAU9714
PE	53,805	0	0	0	0	0	0	53,805	
RESRV	0	0	0	0	0	0	-3,805	-3,805	
TOTAL	53,805	0	0	0	0	0	-3,805	50,000	
 *126 RAILROAD AVENUE/HARMONY ROAD-82ND TO MILWAUKIE CBD-UNIT I*****553*1003/000705*****1									FAU9702
PE	214,837	0	0	0	0	0	0	214,837	
R/W	136,000	70,000	0	0	0	0	0	206,000	
CONST	0	0	1,338,912	0	0	0	0	1,338,912	
TOTAL	350,837	70,000	1,338,912	0	0	0	0	1,759,749	
 *127 82ND DRIVE-HWY 212 TO GLADSTONE/I205 INTERCHANGE*****578*10051*000500*****1									FAU9653
PE	253,470	0	0	0	0	0	0	253,470	
R/W	0	0	154,700	0	0	0	0	154,700	
CONST	0	0	0	2,067,975	0	0	0	2,067,975	
TOTAL	253,470	0	154,700	2,067,975	0	0	0	2,476,145	
 *128 THIESSEN/JENNINGS CORRIDOR-DATFIELD ROAD TO I205*****581*10052*002024*****1									FAU9698
PE	145,520	0	0	0	0	0	0	145,520	
TOTAL	145,520	0	0	0	0	0	0	145,520	
 *129 RAILROAD AVENUE/HARMONY ROAD-82ND/SUNNYSIDE REALIGNMENT-UNIT II*****764*10037*000660*****1									FAU9702
PE	60,435	0	0	0	0	0	0	60,435	
R/W	533,800	0	0	0	0	0	0	533,800	
CONST	568,992	0	0	0	0	0	0	568,992	
TOTAL	1,163,227	0	0	0	0	0	0	1,163,227	

  
**ANNUAL ELEMENT YEAR**



METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990  
EFFECTIVE OCTOBER 1, 1986

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

INTERSTATE TRANSFER PROGRAM

CLACKAMAS COUNTY  
(CONTINUED)

PROJECT DESCRIPTION	ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR							
OBLIGATED	1986	1987	1988	1989	1990	POST 1990	AUTHORIZED	FAR

TOTAL CLACKAMAS COUNTY

PE	3,406,867	75,000	34,163	0	0	0	0	3,516,030
R/W	10,665,957	86,150	354,700	0	0	0	0	11,106,807
CONST	28,809,115	85,070	2,860,935	2,067,975	0	0	0	33,823,095
RESRV	0	603,090	76,688	0	0	-792,929	-113,151	
TOTAL	42,881,939	849,310	3,326,486	2,067,975	0	-792,929	-48,332,781	

ANNUAL ELEMENT YEAR

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

INTERSTATE TRANSFER PROGRAM

WASHINGTON COUNTY

**PROJECT DESCRIPTION**

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988 1989 1990 POST 1990 AUTHORIZED FA#

*136 FINAL VOUCHERED PROJECTS*****0000*****									00000
PE 147,636	0	0	0	0	0	0	0	147,636	
CONST 3,379,885	0	0	0	0	0	0	0	3,379,885	
RESRV 0	0	0	0	0	0	0	27,412	27,412	
TOTAL 3,527,521	0	0	0	0	0	0	27,412	3,554,933	FINAL
*137 SW NYBERG ROAD-SW 89TH AVE TO I5-UNIT #2*****84*77135**00000*****									FAU9282
R/W 329,293	0	0	0	0	0	0	0	329,293	
CONST 1,585,334	0	0	0	0	0	0	0	1,585,334	
RESRV 0	0	0	0	0	0	0	-4,881	-4,881	
TOTAL 1,914,627	0	0	0	0	0	0	-4,881	1,909,746	
*138 NW 185TH-WALKER ROAD TO SUNSET HIGHWAY-PHASE I*****92*77076**01695*****									FAU9043
PE 17,085	0	0	0	0	0	0	0	17,085	
CONST 1,403,829	0	0	0	0	0	0	0	1,403,829	
RESRV 0	0	0	0	0	0	0	43,000	43,000	
TOTAL 1,420,914	0	0	0	0	0	0	43,000	1,443,914	
*139 ALLEN BLVD RECONSTRUCTION-MURRAY BLVD TO HWY217*****93*80085**00306*****									FAU9088
PE 94,911	0	0	0	0	0	0	0	94,911	
R/W 1,509,600	0	0	0	0	0	0	0	1,509,600	
CONST 1,767,999	0	0	0	0	0	0	0	1,767,999	
RESRV 0	0	0	0	0	0	0	-89,121	-89,121	
TOTAL 3,372,510	0	0	0	0	0	0	-89,121	3,283,389	
*140 SW BARNES ROAD-HIGHWAY 217 TO SW 84TH-PHASE I*****95*77070**00469*****									FAU9326
PE 62,186	0	0	0	0	0	0	0	62,186	
R/W 255,000	0	0	0	0	0	0	0	255,000	
CONST 926,531	0	0	0	0	0	0	0	926,531	
RESRV 0	0	0	0	0	0	0	17,668	17,668	
TOTAL 1,243,717	0	0	0	0	0	0	17,668	1,261,385	

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

INTERSTATE TRANSFER PROGRAM

WASHINGTON COUNTY  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988

1989

1990

POST 1990

AUTHORIZED

FAP#

\*141 SW JENKINS/158TH-MURRAY BLVD TO SUNSET HIGHWAY\*\*\*\*\*97\*77046\*\*00850\*\*\*\*\*  
CONST 1,772,398 0 0 0 0 0 0 1,772,398  
TOTAL 1,772,398 0 0 0 0 0 0 1,772,398

FAU9030

\*142 HIGHWAY 217 AND SUNSET HIGHWAY INTERCHANGE\*\*\*\*\*121\*79076\*\*00376\*\*\*\*\*  
PE 523,600 21,965 0 0 0 0 0 545,565  
R/W 3,485,000 0 0 0 0 0 0 3,485,000  
CONST 6,512,377 -37,414 0 0 0 0 0 6,474,963  
RESRV 0 0 0 0 0 0 -70,528 -70,528  
TOTAL 10,520,977 -15,449 0 0 0 0 -70,528 10,435,000

FAP79

\*143 CORNELL ROAD RECONSTRUCTION-E MAIN TO ELAM YOUNG PARKWAY\*\*\*\*\*132\*80038\*\*00139\*\*\*\*\*  
PE 155,945 0 0 0 0 0 0 155,945  
R/W 261,800 0 0 0 0 0 0 261,800  
CONST 2,568,758 0 0 0 0 0 0 2,568,758  
RESRV 0 0 0 0 0 0 2,507 2,507  
TOTAL 2,986,503 0 0 0 0 0 2,507 2,989,010

FAU9022

\*144 TUALATIN VALLEY HIGHWAY(ORR) @ 185TH STREET\*\*\*\*\*207\*76027\*\*00350\*\*\*\*\*  
PE 187,255 0 0 0 0 0 0 187,255  
R/W 1,157,700 0 0 0 0 0 0 1,157,700  
CONST 858,323 0 0 0 0 0 0 858,323  
RESRV 0 0 0 0 0 0 7,670 7,670  
TOTAL 2,203,278 0 0 0 0 0 7,670 2,210,948

FAP32

\*145 HWY 217/72ND AVE INTCHG-PE & CONSTRUCTION-#2\*\*\*\*\*208\*80079\*\*00000\*\*\*\*\*  
PE 221,188 0 0 0 0 0 0 221,188  
R/W 233,750 0 0 0 0 0 0 233,750  
CONST 1,043,344 0 0 0 0 0 0 1,043,344  
TOTAL 1,498,282 0 0 0 0 0 0 1,498,282

FAP79

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

INTERSTATE TRANSFER PROGRAM

WASHINGTON COUNTY  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988 1989 1990 POST 1990 AUTHORIZED FA#

*146 FARMINGTON RD CORRIDOR (OR208) TSM-MURRAY BLVD INTERSECTION*****235*78057**02478*****4									FAU9064
CONST 177,109	0	0	0	0	0	0	0	177,109	
RESRV 0	0	0	0	0	0	0	28,085	28,085	
TOTAL 177,109	0	0	0	0	0	0	28,085	205,194	
*147 FARMINGTON RD CORRIDOR (OR208) TSM-185TH AVE TO LOMBARD AVE*****236*78057**01570*****4									FAU9064
PE 103,190	0	0	0	0	0	0	0	103,190	
CONST 151,337	0	0	0	0	0	0	0	151,337	
TOTAL 254,527	0	0	0	0	0	0	0	254,527	
*148 HALL BLVD CORRIDOR TSM-TV HWY TO SCHOLLS FERRY RD*****237*78055**00000*****4									FAU9091
PE 47,780	0	0	0	0	0	0	0	47,780	
R/W 0	0	0	0	0	0	0	0	0	
CONST 157,589	0	0	0	0	0	0	0	157,589	
RESRV 0	0	0	0	0	0	0	23,363	23,363	
TOTAL 205,369	0	0	0	0	0	0	23,363	228,732	
*149 BEAVERTON TUALATIN HIGHWAY--FANNO CREEK BRIDGE WIDENING*****249*78056**00000*****4									FAU9091
CONST 250,750	0	0	0	0	0	0	0	250,750	
TOTAL 250,750	0	0	0	0	0	0	0	250,750	
*150 ALLEN BLVD INTERCHANGE - CONSTRUCTION*****264*80086**00000*****4									FAP79
CONST 6,081,506	0	0	0	0	0	0	0	6,081,506	
RESRV 0	0	0	0	0	0	0	22	22	
TOTAL 6,081,506	0	0	0	0	0	0	22	6,081,528	
*151 CORNELL ROAD PHASE II-ECL TO CORNELIUS PASS ROAD*****585*10060**00738*****4									FAU9022
PE 288,958	119,542	0	0	0	0	0	0	408,500	
R/W 0	0	244,005	0	0	0	0	0	244,005	
CONST 0	0	1,571,500	0	0	0	0	0	1,571,500	
TOTAL 288,958	119,542	1,815,505	0	0	0	0	0	2,224,005	

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

# INTERSTATE TRANSFER PROGRAM

WASHINGTON COUNTY  
(CONTINUED)

PORTLAND URBANIZED AREA

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

1987

1988

1989

1990

POST 1990

**AUTHORIZED**

FA#

[illegible]

FAU9067

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*****725*86037**
#153 GREENBURG ROAD AT TIEDEMAN AVENUE-SIGNAL*****
CONST          0          0          40,000          0          0          0          40,000
TOTAL          0          0          40,000          0          0          0          40,000

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FAU9207

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#154 HALL BOULEVARD AT BURNHAM STREET-SIGNAL*****728*84037**
CONST          0          0          31,713          0          0          0          0          31,713
TOTAL          0          0          31,713          0          0          0          0          31,713

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FAI19091

*****752*10128**01304*****				
*155 NW 185TH-ROCK CREEK BLVD TO TV HIGHWAY				
PE	327,679	398,571	0	726,250
R/W	0	3,000,000	0	3,000,000
CONST	0	0	5,288,658	5,288,658
TOTAL	327,679	3,398,571	5,288,658	9,014,908

FAU9043

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#156 TUALATIN VALLEY HIGHWAY-SE 21ST AVE TO SE OAK ST*****828*79085**00691*****
R/W          0      1,510,990          0          0          0          0      1,510,990
TOTAL        0      1,510,990          0          0          0          0      1,510,990

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FAP32

#157 SCHOLLS FERRY ROAD/HALL BOULEVARD INTERSECTION*****829*85010**01536*****									
PE	85,340	0	0	0	0	0	0	85,340	
R/W	0	314,660	0	0	0	0	0	314,660	
TOTAL	85,340	314,660	0	0	0	0	0	400,000	

FAIJ9234

# ANNUAL ELEMENT YEAR



**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990  
EFFECTIVE OCTOBER 1, 1986

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS  
INTERSTATE TRANSFER PROGRAM

WASHINGTON COUNTY  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

1986

1987

1988

1989

1990

POST 1990

AUTHORIZED

FA#

*158 HALL BOULEVARD-ALLEN TO GREENWAY*****830*10237**02354*****										
PE	127,500	0	212,500	0	0	0	0	0	340,000	
R/W	0	0	420,000	0	0	0	0	0	420,000	
CONST	0	0	440,000	0	0	0	0	0	440,000	
TOTAL	127,500	0	1,072,500	0	0	0	0	0	1,200,000	

FAJ9091

*159 OBLIGATIONAL AUTHORITY RESERVE-WASHINGTON COUNTY*****836*00000**00000*****										
RESRV	0	278,992	0	0	0	0	-278,992	0	0	
TOTAL	0	278,992	0	0	0	0	-278,992	0	0	

N/A

TOTAL WASHINGTON COUNTY

PE	2,817,633	540,078	212,500	0	0	0	0	0	3,570,211
R/W	9,447,243	4,825,650	664,005	0	0	0	0	0	14,936,898
CONST	28,637,069	2,947,631	7,371,871	0	0	0	0	0	38,956,571
RESRV	0	278,992	0	0	0	0	-293,795	-14,803	
TOTAL	40,901,945	8,592,351	8,248,376	0	0	0	-293,795	57,448,877	

TOTAL INTERSTATE TRANSFER PROGRAM

PE	41,376,832	1,202,592	1,412,992	396,099	0	0	0	0	44,388,515
R/W	62,660,082	9,572,783	7,979,135	-461,000	19,975	-354,466	0	0	79,416,509
CONST	290,134,885	8,316,292	13,633,802	36,509,176	6,107,773	1,151,338	0	0	345,853,266
OPRTG	1,726,209	0	0	0	0	0	0	0	1,726,209
RESRV	0	8,010,925	566,060	100,000	0	0	10,591,716	19,268,701	
TOTAL	395,898,008	27,102,592	23,591,989	36,544,275	6,127,748	796,872	10,591,716	500,653,199	

  
ANNUAL ELEMENT YEAR

URBAN MASS TRANSPORTATION ADMINISTRATION PROGRAM



**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND UNORGANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 3 'DISCRETIONARY' CAPITAL PROGRAM  
(CONTINUED)

**PROJECT DESCRIPTION**

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

1987

1988

1989

1990

POST 1990

AUTHORIZED

FAT

*167 PURCHASE OF REMOTE COMPUTER TERMINALS AND SOFTWARE*****432*30023**00000*****									H/A
CAP	958,239	0	0	0	0	0	0	958,239	
TOTAL	958,239	0	0	0	0	0	0	958,239	

*168 BANFIELD LRT CAPITAL GRANT*****434*30025**00000*****									FAP68
CAP	52,000,000	8,517,288	1,300,000	0	0	0	0	61,817,288	
RESRV	0	0	0	0	0	0	5,787,915	5,787,915	
TOTAL	52,000,000	8,517,288	1,300,000	0	0	0	5,787,915	67,605,203	

*169 DEVELOPMENT OF TIGARD PARK AND RIDE*****435*00000**00000*****									H/A
R/W	0	0	0	0	896,000	0	0	896,000	
CONST	0	0	0	0	796,000	0	0	796,000	
TOTAL	0	0	0	0	1,692,000	0	0	1,692,000	

*170 DEVELOPMENT OF LENTS TRANSIT STATION*****448*00000**00000*****									H/A
CONST	0	0	0	0	500,000	0	0	500,000	
TOTAL	0	0	0	0	500,000	0	0	500,000	

*171 PURCHASE OF 30 ARTICULATED BUSES*****455*30023**00000*****									H/A
CAP	5,623,194	0	0	0	0	0	0	5,623,194	
TOTAL	5,623,194	0	0	0	0	0	0	5,623,194	

*172 DEVELOPMENT OF LAKE OSWEGO PARK AND RIDE*****459*00000**00000*****									H/A
CONST	0	0	0	0	1,136,450	0	0	1,136,450	
TOTAL	0	0	0	0	1,136,450	0	0	1,136,450	

*173 DEVELOPMENT OF MILWAUKIE PARK AND RIDE*****460*00000**00000*****									H/A
CONST	0	0	0	0	1,136,450	0	0	1,136,450	
TOTAL	0	0	0	0	1,136,450	0	0	1,136,450	

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND ORGANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 3 'DISCRETIONARY' CAPITAL PROGRAM  
(CONTINUED)

**PROJECT DESCRIPTION**

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

1987

1988

1989

1990

POST 1990

AUTHORIZED

FAR

*174 GRANT OR-03-0023 MISCELLANEOUS SUPPORT ELEMENTS*****468*30023**00000*****									N/A
CAP	196,267	0	0	0	0	0	0	196,267	
TOTAL	196,267	0	0	0	0	0	0	196,267	
 *175 CITY/EASTSIDE TRANSFER AND TSM PROJECTS*****607*30029**00000*****									N/A
R/W	19,200	0	0	0	0	0	0	19,200	
CONST	185,146	0	0	0	0	0	0	185,146	
TOTAL	204,346	0	0	0	0	0	0	204,346	
 *176 PURCHASE OF 36 MINI-BUSES(LIFT EQUIPPED W/RADIOS)*****700*30029**00000*****									N/A
CAP	1,115,653	0	0	0	0	0	0	1,115,653	
TOTAL	1,115,653	0	0	0	0	0	0	1,115,653	
 *177 PURCHASE OF FIVE (5) MINI-BUSES*****717*00000**00000*****									N/A
CAP	146,000	0	0	0	0	0	0	146,000	
TOTAL	146,000	0	0	0	0	0	0	146,000	
 *178 PURCHASE OF MOBILE RADIO EQUIPMENT*****721*00000**00000*****									N/A
 *179 SECTION 3 CAPITAL CONTINGENCIES...OR030029*****742*30029**00000*****									N/A
OTHER	11,400	0	0	0	0	0	0	11,400	
TOTAL	11,400	0	0	0	0	0	0	11,400	
 *180 DOWNTOWN PORTLAND BANFIELD LRT IMPROVEMENTS*****767*30025**00000*****									MISC
PE	336,432	0	0	0	0	0	0	336,432	
CONST	3,663,568	0	0	0	0	0	0	3,663,568	
TOTAL	4,000,000	0	0	0	0	0	0	4,000,000	

**ANNUAL ELEMENT YEAR**

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

PORTLAND ORGANIZED AREA

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 3 'DISCRETIONARY' CAPITAL PROGRAM  
(CONTINUED)

## PROJECT DESCRIPTION

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR	
OBLIGATED	ANTICIPATED
	1987

1987

**1988**

1989

1973

POST 1970

**AUTHORIZED**

FA#

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*****181 VINTAGE TROLLEY PROJECT*****768*30025**00000*****
PE          120,000          0          0          0          0          0          120,000
CONST       498,000          0          0          0          0          0          498,000
CAP         382,000          0          0          0          0          0          382,000
TOTAL      1,000,000          0          0          0          0          0          1,000,000

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**MISC**

*****B14*32001**00000*****							
OTHER	124,998	0	0	0	0	0	124,998
TOTAL	124,998	0	0	0	0	0	124,998

TVA

TOTAL UMTA SECTION 3 'DISCRETIONARY' CAPITAL PROGRAM

PE	456,432	0	0	0	0	0	0	456,432
R/W	19,200	0	0	0	896,000	0	0	915,200
CONST	4,589,086	0	0	0	3,568,900	0	0	8,157,986
CAP	82,649,413	8,517,288	1,300,000	0	2,756,552	0	0	95,223,253
RESRV	0	0	0	0	0	0	6,587,915	6,587,915
OTHER	136,398	0	0	0	0	0	0	136,398
TOTAL	87,850,529	8,517,288	1,300,000	0	7,221,452	0	6,587,915	111,477,184

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

**EFFECTIVE OCTOBER 1, 1986**

IN FEDERAL DOLLARS

PORTLAND URBANIZED AREA

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 5 CAPITAL PROGRAM

## PROJECT DESCRIPTION

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR	
OBLIGATED	ANTICIPATED 1987
1	1
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100	100

1987

1988

1989

1950

POST 1973

**AUTHORIZED**

**FA#**

#183 WESTSIDE BUS GARAGE-PHASE I	*****420*	50006**	00000*****					N/A
CONST	1,093,182	0	0	0	0	0	0	1,093,182
TOTAL	1,093,182	0	0	0	0	0	0	1,093,182

*184 PURCHASE/INSTALLATION OF MICROWAVE RADIO TRANSMISSION FACILITY*****	421	50007	<00000	*****	H/A
CONST	14,560	0	0	0	14,560
CAP	497,920	0	0	0	497,920
OTHER	8,806	0	0	0	8,806
TOTAL	511,286	0	0	0	511,286

*185 ARTICULATED BUSES(8) AND PARTIAL PURCHASE SUPPORT TO DR-03-0022*****42450004**00000*****								N/A
CAP	3,320,024	0	0	0	0	0	3,320,024	
TOTAL	3,320,024	0	0	0	0	0	3,320,024	

*186 PURCHASE OF 60 PASSENGER COUNTERS-SEC 5 CAPITAL*****433*50006**00000*****										N/A
CAP	222,528	0	0	0	0	0	0	222,528		
TOTAL	222,528	0	0	0	0	0	0	222,528		

*187 SECTION 5 CONTINGENCIES...DR-05-0006/DR-05-0007*****					456150007**00000***<#####>>>>>>>>>>>	N/A	
OTHER	72,272	0	0	0	0	0	72,272
TOTAL	72,272	0	0	0	0	0	72,272

*188 SMART TERMINALS*****	465*	50007**	00000*****						N/A
CAP	100,699	0	0	0	0	0	0	100,699	
TOTAL	100,699	0	0	0	0	0	0	100,699	

*189 TELEPHONE SYSTEM*****505*50007**00000*****									H/A
CAP	376.000	0	0	0	0	0	0	376.000	
OTHER	40.000	0	0	0	0	0	0	40.000	
TOTAL	416.000	0	0	0	0	0	0	416.000	

**ANNUAL ELEMENT YEAR**

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

EFFECTIVE OCTOBER 1, 1986

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 5 CAPITAL PROGRAM  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

1987

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*190 DEVELOPMENT OF MILWAUKIE TRANSIT CENTER-SEC 5 CAPITAL*****591*50006**00000*****									N/A
R/W	261,422	0	0	0	0	0	0	261,422	
TOTAL	261,422	0	0	0	0	0	0	261,422	

*191 CLACKAMAS TOWN CNTR TRANSIT CENTER/PARK & RIDE-SEC 5 CAPITAL*****592*50006**00000*****									N/A
CONST	356,000	0	0	0	0	0	0	356,000	
TOTAL	356,000	0	0	0	0	0	0	356,000	

*192 VEHICLE PURCHASE-5 CARS/2 PATROL CARS/1 PICKUP TRUCK*****616*50007**00000*****									N/A
CAP	71,200	0	0	0	0	0	0	71,200	
TOTAL	71,200	0	0	0	0	0	0	71,200	

*193 PIONEER SQUARE CUSTOMER ASSISTANCE OFFICE*****684*50007**00000*****									N/A
CONST	449,798	0	0	0	0	0	0	449,798	
OTHER	18,705	0	0	0	0	0	0	18,705	
TOTAL	468,503	0	0	0	0	0	0	468,503	

*194 PURCHASE OF 14 ACCESSIBLE VANS WITH RADIOS*****703*50007**00000*****									N/A
CAP	291,200	0	0	0	0	0	0	291,200	
TOTAL	291,200	0	0	0	0	0	0	291,200	

TOTAL UMTA SECTION 5 CAPITAL PROGRAM

R/W	261,422	0	0	0	0	0	0	261,422	
CONST	1,913,540	0	0	0	0	0	0	1,913,540	
CAP	4,869,571	0	0	0	0	0	0	4,869,571	
OTHER	139,783	0	0	0	0	0	0	139,783	
TOTAL	7,184,316	0	0	0	0	0	0	7,184,316	

ANNUAL ELEMENT YEAR



**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA DEMONSTRATION GRANTS

**PROJECT DESCRIPTION**

**ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR**  
**OBLIGATED ANTICIPATED**

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*195 SPECIAL MARKETING MATERIALS FOR NON-ENGLISH SPEAKING RIDERS-41*****451*34002**00000*****44*****	H/A
OTHER 14,250 0 0 0 0 0 0 14,250	
TOTAL 14,250 0 0 0 0 0 0 14,250	

*196 SPECIAL NEEDS TRANSPORTATION DISPATCH CENTER ASSESSMENT-41*****454*34002**00000*****44*****	H/A
OTHER 12,750 0 0 0 0 0 0 12,750	
TOTAL 12,750 0 0 0 0 0 0 12,750	

*197 SELF SERVICE FARE COLLECTION*****475*60008**00000*****44*****	H/A
CAP 1,218,350 0 0 0 0 0 0 1,218,350	
TOTAL 1,218,350 0 0 0 0 0 0 1,218,350	

*198 HUMAN RESOURCES MANAGEMENT*****787*34001**00000*****44*****	H/A
OTHER 132,000 0 0 0 0 0 0 132,000	
TOTAL 132,000 0 0 0 0 0 0 132,000	

**TOTAL UMTA DEMONSTRATION GRANTS**

CAP 1,218,350 0 0 0 0 0 0 1,218,350	
OTHER 159,000 0 0 0 0 0 0 159,000	
TOTAL 1,377,350 0 0 0 0 0 0 1,377,350	

  
**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 3 TRADED CAPITAL PROGRAM

**PROJECT DESCRIPTION**

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

1987

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AUTHORIZED

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*199 WESTSIDE CORRIDOR RESERVE(T)*****117*30027**00007*****									N/A
RESRV	0	0	0	0	0	0	2,838,252	2,838,252	
TOTAL	0	0	0	0	0	0	2,838,252	2,838,252	
*200 DEVELOPMENT OF TIGARD TRANSIT CENTER*****131*30027**00000*****									N/A
PE	47,184	0	0	0	0	0	0	47,184	
R/U	408,000	0	0	0	0	0	0	408,000	
CONST	435,840	0	0	0	0	0	0	435,840	
RESRV	0	0	0	0	0	0	203,249	203,249	
TOTAL	891,024	0	0	0	0	0	203,249	1,094,273	
*201 MILWAUKIE TRANSIT STATION DEVELOPMENT*****144*30027**00000*****									N/A
PE	3,200	0	0	0	0	0	0	3,200	
CONST	14,800	0	0	0	0	0	0	14,800	
RESRV	0	0	0	0	0	0	545,725	545,725	
TOTAL	18,000	0	0	0	0	0	545,725	563,725	
*202 OREGON CITY TRANSIT STATION*****151*30027**00000*****									N/A
PE	50,820	0	0	0	0	0	0	50,820	
R/U	608,000	0	0	0	0	0	0	608,000	
CONST	181,320	317,480	0	0	0	0	0	498,800	
TOTAL	840,140	317,480	0	0	0	0	0	1,157,620	
*203 BUS PURCHASES*****154*30027**00000*****									N/A
CAP	0	5,564,800	0	0	0	0	0	5,564,800	
TOTAL	0	5,564,800	0	0	0	0	0	5,564,800	
*204 DEVELOPMENT OF TIGARD PARK AND RIDE*****435*30027**00000*****									N/A
RESRV	0	1,600,000	0	0	0	0	0	1,600,000	
TOTAL	0	1,600,000	0	0	0	0	0	1,600,000	

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

EFFECTIVE OCTOBER 1, 1986

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 3 TRADED CAPITAL PROGRAM  
(CONTINUED)

**PROJECT DESCRIPTION**

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

1987

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*205 DEVELOPMENT OF MILWAUKIE PARK AND RIDE*****460*30027**00000*****1									N/A
RESRV	0	800,000	0	0	0	0	0	800,000	
TOTAL	0	800,000	0	0	0	0	0	800,000	

*206 TRANSIT TRANSFER PROJECT*****576*30027**00000*****1									N/A
PE	96,389	68,760	0	0	0	0	0	165,149	
CONST	422,571	458,400	0	0	0	0	0	880,971	
RESRV	0	0	0	0	0	0	1,646,856	1,646,856	
TOTAL	518,960	527,160	0	0	0	0	1,646,856	2,692,976	

*207 WEST BURNSIDE/MORRISON TSM IMPROVEMENTS*****600*30027**00000*****1									FAU9822
PE	10,200	0	0	0	0	0	0	10,200	
CONST	68,040	0	0	0	0	0	0	68,040	
TOTAL	78,240	0	0	0	0	0	0	78,240	

*208 NORTHWEST TRANSIT STATIONS*****602*00000**00000*****1									N/A
RESRV	0	0	0	0	0	0	77,060	77,060	
TOTAL	0	0	0	0	0	0	77,060	77,060	

*209 OREGON CITY PARK-AND-RIDE*****674*30027**00000*****1									N/A
RESRV	0	1,200,000	0	0	0	0	0	1,200,000	
TOTAL	0	1,200,000	0	0	0	0	0	1,200,000	

*210 NORTH TERMINAL FACILITY*****686*30027**00000*****1									N/A
PE	0	47,400	0	0	0	0	0	47,400	
R/W	0	688,000	0	0	0	0	0	688,000	
CONST	0	316,000	0	0	0	0	0	316,000	
TOTAL	0	1,051,400	0	0	0	0	0	1,051,400	

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

EFFECTIVE OCTOBER 1, 1986

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 3 TRADED CAPITAL PROGRAM  
(CONTINUED)

**PROJECT DESCRIPTION**

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR		1987	1988	1989	1990	POST 1990	AUTHORIZED	FA#
OBLIGATED	ANTICIPATED							
<b>*211 BEAVERTON PARK-AND-RIDE STATION*****701*30027**00000*****</b>								
RESRV	0	800,000	0	0	0	0	800,000	N/A
TOTAL	0	800,000	0	0	0	0	800,000	
<b>*212 SUNSET TRANSIT CENTER AND PARK-AND-RIDE STATION*****702*30027**00000*****</b>								
PE	320,435	400,000	0	0	0	0	720,435	N/A
R/W	2,948,800	0	0	0	0	0	2,948,800	
CONST	0	3,960,000	0	0	0	0	3,960,000	
TOTAL	3,269,235	4,360,000	0	0	0	0	7,629,235	
<b>*213 WESTSIDE BUS GARAGE-PHASE III*****704*30027**00000*****</b>								
PE	36,538	0	0	0	0	0	36,538	N/A
CONST	352,000	0	0	0	0	0	352,000	
TOTAL	388,538	0	0	0	0	0	388,538	
<b>*214 WASHINGTON COUNTY TRANSIT TSM IMPROVEMENTS*****705*30027**00000*****</b>								
PE	115,320	0	0	0	0	0	115,320	N/A
R/W	256,000	0	0	0	0	0	256,000	
CONST	968,640	0	0	0	0	0	968,640	
RESRV	0	0	0	0	0	3,460,040	3,460,040	
TOTAL	1,339,960	0	0	0	0	3,460,040	4,800,000	
<b>*215 WESTSIDE BUS GARAGE-PHASE II*****706*30027**00000*****</b>								
CONST	5,640,810	0	0	0	0	0	5,640,810	N/A
CAP	594,803	0	0	0	0	0	594,803	
TOTAL	6,235,613	0	0	0	0	0	6,235,613	
<b>*216 SUPPORT SERVICES...RELOCATION &amp; APPRAISAL COSTS/COST ALLOCATION*****707*30027**00000*****</b>								
OTHER	377,532	118,155	0	0	0	0	495,687	N/A
TOTAL	377,532	118,155	0	0	0	0	495,687	

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

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URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 3 TRADED CAPITAL PROGRAM  
(CONTINUED)

**PROJECT DESCRIPTION**

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

1987

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AUTHORIZED

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*217 SECTION 3 TRADE CONTINGENCIES...OR030027*****741*30027**00000*****									N/A
OTHER	30,195	538,228	0	0	0	0	-596,803	-28,380	
TOTAL	30,195	538,228	0	0	0	0	-596,803	-28,380	
*218 HILLSBORO TRANSIT CENTER WITH PARK AND RIDE*****803*30027**00000*****									N/A
PE	67,240	0	0	0	0	0	0	67,240	
R/W	855,560	0	0	0	0	0	0	855,560	
CONST	672,402	0	0	0	0	0	0	672,402	
TOTAL	1,595,202	0	0	0	0	0	0	1,595,202	
*219 BEAVERTON TRANSIT CENTER*****806*30027**00000*****									N/A
PE	89,600	234,400	0	0	0	0	0	324,000	
R/W	1,012,000	0	0	0	0	0	0	1,012,000	
CONST	0	2,200,000	0	0	0	0	0	2,200,000	
TOTAL	1,101,600	2,434,400	0	0	0	0	0	3,536,000	
*220 WESTSIDE TSM-LOVEJOY RAMP*****809*30027**00000*****									N/A
PE	2,560	0	0	0	0	0	0	2,560	
CONST	25,600	0	0	0	0	0	0	25,600	
RESRV	0	0	0	0	0	0	1,440	1,440	
TOTAL	28,160	0	0	0	0	0	1,440	29,600	
*221 WESTSIDE TSM-SYLVAN BUS PULLOUT*****813*30027**00000*****									N/A
PE	2,611	0	0	0	0	0	0	2,611	
CONST	26,109	0	0	0	0	0	0	26,109	
TOTAL	28,720	0	0	0	0	0	0	28,720	
*222 SOUTHWEST TRANSIT TRANSFER POINTS*****815*00000**00000*****									N/A
RESRV	0	0	0	0	0	0	2,400,000	2,400,000	
TOTAL	0	0	0	0	0	0	2,400,000	2,400,000	

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

EFFECTIVE OCTOBER 1, 1986

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 3 TRADED CAPITAL PROGRAM  
(CONTINUED)

**PROJECT DESCRIPTION**

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

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*223 WASHINGTON SQUARE TRANSIT CENTER*****816*00000**00000*****										N/A
RESRV	0	0	0	0	0	0	320,000	320,000		
TOTAL	0	0	0	0	0	0	320,000	320,000		
*224 TANNESBOURNE TRANSIT CENTER*****817*00000**00000*****										N/A
RESRV	0	160,000	0	0	0	0	400,000	560,000		
TOTAL	0	160,000	0	0	0	0	400,000	560,000		
*225 TUALATIN TRANSIT CENTER*****818*00000**00000*****										N/A
RESRV	0	0	0	0	0	0	720,000	720,000		
TOTAL	0	0	0	0	0	0	720,000	720,000		
*226 DOWNTOWN PORTLAND TSM*****819*0**00000*****										N/A
RESRV	0	0	0	0	0	0	3,564,324	3,564,324		
TOTAL	0	0	0	0	0	0	3,564,324	3,564,324		
*227 CENTRAL BEAVERTON TSM*****820*0**00000*****										N/A
RESRV	0	0	0	0	0	0	1,138,400	1,138,400		
TOTAL	0	0	0	0	0	0	1,138,400	1,138,400		
*228 SUNSET TRUNKLINE TRANSIT TRANSFER POINTS*****821*00000**00000*****										N/A
RESRV	0	0	0	0	0	0	400,000	400,000		
TOTAL	0	0	0	0	0	0	400,000	400,000		
*229 TRANSIT HALL EXTENSION NORTH*****822*30027**00000*****										MISC
PE	0	64,000	0	0	0	0	0	64,000		
RESRV	0	2,880,000	0	0	0	0	0	2,880,000		
TOTAL	0	2,944,000	0	0	0	0	0	2,944,000		

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

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IN FEDERAL DOLLARS

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 3 TRADED CAPITAL PROGRAM  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED 1987 1988 1989 1990 POST 1990

AUTHORIZED FAS

*230 OBLIGATIONAL AUTHORITY RESERVE-TRADE FUNDS*****825*00000**00000*****	N/A							
RESRV 0 0 12,000,000 5,118,543 0 0 -17,118,543 0								
TOTAL 0 0 12,000,000 5,118,543 0 0 -17,118,543 0								

*231 BANFIELD TRANSITWAY*****826*30027**00000*****	FAP68							
CONST 20,150,000 0 0 0 0 0 0 20,150,000								
TOTAL 20,150,000 0 0 0 0 0 0 20,150,000								

*232 GLISAN STREET BUS LANE*****851*30027**00000*****	FAU9314							
PE 0 48,876 0 0 0 0 0 48,876								
CONST 0 325,840 0 0 0 0 0 325,840								
TOTAL 0 374,716 0 0 0 0 0 374,716								

TOTAL UMTA SECTION 3 TRADED CAPITAL PROGRAM

PE	842,097	863,436	0	0	0	0	0	1,705,533
R/W	6,088,360	688,000	0	0	0	0	0	6,776,360
CONST	28,958,132	7,577,719	0	0	0	0	0	36,535,851
CAP	594,803	5,564,800	0	0	0	0	0	6,159,603
RESRV	0	7,440,000	12,000,000	5,118,543	0	0	596,803	25,155,346
OTHER	407,727	656,383	0	0	0	0	-596,803	467,307
TOTAL	36,891,119	22,790,338	12,000,000	5,118,543	0	0	0	76,800,000

  
**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

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URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 9/9A PROJECTS

**PROJECT DESCRIPTION**

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

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FAP

*233 METRO CORRIDOR PLANNING(T)*****126*00000**00000*****									N/A
PE	0	62,800	0	0	0	0	0	62,800	
RESRV	0	0	100,000	100,000	137,200	0	0	337,200	
TOTAL	0	62,800	100,000	100,000	137,200	0	0	400,000	
*234 PROPERTY ACQUISITION-SE 17TH AND BOISE ST...LAND AND BUILDING*****442*70003**00000*****									N/A
CAP	72,407	0	0	0	0	0	0	72,407	
TOTAL	72,407	0	0	0	0	0	0	72,407	
*235 BUS PURCHASE...STANDARDS WITH LIFTS/SECTION 9*****452* 0**00000*****									N/A
CAP	0	2,815,200	0	0	0	0	0	2,815,200	
TOTAL	0	2,815,200	0	0	0	0	0	2,815,200	
*236 BANFIELD LRT-VARIOUS SUPPORTING PROJECTS*****462*00000**00000*****									FAP68
CONST	7,096,000	0	0	0	0	0	0	7,096,000	
TOTAL	7,096,000	0	0	0	0	0	0	7,096,000	
*237 BUS PURCHASE-44 STANDARDS W/LIFTS AND SPARE PARTS*****478*9X007**00000*****									N/A
CAP	5,600,000	0	0	0	0	0	0	5,600,000	
TOTAL	5,600,000	0	0	0	0	0	0	5,600,000	
*238 GRESHAM PARK AND RIDE*****523*9X017** 0*****									N/A
CONST	0	800,000	0	0	0	0	0	800,000	
TOTAL	0	800,000	0	0	0	0	0	800,000	
*239 162ND AVENUE PARK AND RIDE*****525*9X017** 0*****									N/A
CONST	0	1,200,000	0	0	0	0	0	1,200,000	
TOTAL	0	1,200,000	0	0	0	0	0	1,200,000	

**ANNUAL ELEMENT YEAR**



**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

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URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 9/9A PROJECTS  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

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F&A

*240 POWELL GARAGE EXPANSION*****612*000000**00000*****	N/A
*241 PARTS AND EQUIPMENT...OR-90-0003/OR-90-X005/OR-90-X007****776*90005*00000*****	N/A
CAP 4,652,160 2,286,068 0 0 0 0 0 6,938,228	
TOTAL 4,652,160 2,286,068 0 0 0 0 0 6,938,228	
*242 SPECIAL NEEDS TRANSPORTATION(INCL SNT INFO SYSTEM)*****777*90003**00000*****	N/A
CAP 52,000 640,000 0 0 0 0 0 692,000	
TOTAL 52,000 640,000 0 0 0 0 0 692,000	
*243 TELECOMMUNICATION NETWORK SYSTEM*****780*90005**00000*****	N/A
CAP 138,778 0 0 0 0 0 0 138,778	
TOTAL 138,778 0 0 0 0 0 0 138,778	
*244 MANAGEMENT INFORMATION SYSTEMS*****781*90005**00000*****	N/A
CAP 928,575 0 0 0 0 0 0 928,575	
TOTAL 928,575 0 0 0 0 0 0 928,575	
*245 FY1984 UNIFIED WORK PROGRAM*****782*90005**00000*****	N/A
CAP 100,224 0 0 0 0 0 0 100,224	
OTHER 2,057,143 807,280 0 0 0 0 0 2,864,423	
TOTAL 2,157,367 807,280 0 0 0 0 0 2,964,647	
*246 122ND AND BURNSIDE PARK AND RIDE*****785*90003**00000*****	N/A
PE 64,000 0 0 0 0 0 0 64,000	
R/W 1,318,126 0 0 0 0 0 0 1,318,126	
CONST 800,000 0 0 0 0 0 0 800,000	
TOTAL 2,182,126 0 0 0 0 0 0 2,182,126	

**ANNUAL ELEMENT YEAR**

METROPOLITAN SERVICE DISTRICT  
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URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SECTION 9/9A PROJECTS  
(CONTINUED)

## PROJECT DESCRIPTION

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR	
OBLIGATED	ANTICIPATED
	1987

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*247 WESTSIDE PE AND FEIS(UWP)*****786*90003**00000*****									N/A
CAP	917,022	0	0	0	0	0	0	917,022	
TOTAL	917,022	0	0	0	0	0	0	917,022	

#248 SECTION 9 CAPITAL RESERVE*****823**00000**00000*****									N/A
CAP	0	0	8,511,348	0	0	0	0	8,511,348	
TOTAL	0	0	8,511,348	0	0	0	0	8,511,348	

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#249 SECTION 9 OPERATING PROGRAM*****824#90003**00000*****XXXXXXXXXXXXXXXXXXXXX1111111111H/A
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OPRTG	10,610,610	4,661,082	4,661,082	0	0	0	0	19,932,774
TOTAL	10,610,610	4,661,082	4,661,082	0	0	0	0	19,932,774

TOTAL UMTA SECTION 9/9A PROJECTS

PE	64,000	62,800	0	0	0	0	0	126,800
R/W	1,318,126	0	0	0	0	0	0	1,318,126
CONST	7,896,000	2,000,000	0	0	0	0	0	9,896,000
CAP	12,461,166	5,741,268	8,511,348	0	0	0	0	26,713,782
OPRTG	10,610,610	4,661,082	4,661,082	0	0	0	0	19,932,774
RESRV	0	0	100,000	100,000	137,200	0	0	337,200
OTHER	2,057,143	807,280	0	0	0	0	0	2,864,423
TOTAL	34,407,045	13,272,430	13,272,430	100,000	137,200	0	0	61,189,105

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SPECIAL TRANSPORTATION PROGRAM

**PROJECT DESCRIPTION**

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

1987

1988

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AUTHORIZED

FA\*

*250 VOLUNTEERS OF AMERICA-(1) 7 PSGR VAN (1) 10-16 PSGR VAN*****526*00000**00000*****44444*****									N/A
CAP	0	28,180	0	0	0	0	0	0	28,180
TOTAL	0	28,180	0	0	0	0	0	0	28,180
 *251 LAMBERT HOUSE-(1) 10-16 PSGR VAN*****527*00000**00000*****44444*****44444*****44444*****									N/A
CAP	0	19,784	0	0	0	0	0	0	19,784
TOTAL	0	19,784	0	0	0	0	0	0	19,784
 *252 COLTON SENIOR CITIZENS-(1) 10-16 PSGR VAN*****529*00000**00000*****44444*****44444*****44444*****									N/A
CAP	0	14,490	0	0	0	0	0	0	14,490
TOTAL	0	14,490	0	0	0	0	0	0	14,490
 *253 WAVERLY CHILDRENS HOME-(2)15 PSGR VANS(1)12 PSGR VAN(2)7 PSGR VN*****531* 0** 0**44444*****									N/A
CAP	0	56,912	0	0	0	0	0	0	56,912
TOTAL	0	56,912	0	0	0	0	0	0	56,912
 *254 GLADSTONE SENIOR CENTER-(1) 15 PSGR VAN*****533*00000**00000*****44444*****44444*****44444*****									N/A
CAP	0	14,770	0	0	0	0	0	0	14,770
TOTAL	0	14,770	0	0	0	0	0	0	14,770
 *255 ALBERTINA KERR CENTER FOR CHILDREN-(2) 10-16 PSGR VANS*****534*00000**00000*****44444*****44444*****									N/A
CAP	0	33,600	0	0	0	0	0	0	33,600
TOTAL	0	33,600	0	0	0	0	0	0	33,600
 *256 LOAVES AND FISHES-(2) 17-30 PSGR BUSES*****535*00000**00000*****44444*****44444*****44444*****									N/A
CAP	0	63,840	0	0	0	0	0	0	63,840
TOTAL	0	63,840	0	0	0	0	0	0	63,840

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

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PORTLAND URBANIZED AREA

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SPECIAL TRANSPORTATION PROGRAM  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

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FAR

*257 REACH CENTER FOR CHILDREN-(1) 10-16 PSGR VAN*****536*00000**00000*****									N/A
CAP	0	11,400	0	0	0	0	0	11,400	
TOTAL	0	11,400	0	0	0	0	0	11,400	
*258 TRI-MET SPECIAL EFFORTS PROGRAM*****544*00000**00000*****									N/A
OPRTG	0	6,911,967	0	0	0	0	0	6,911,967	
TOTAL	0	6,911,967	0	0	0	0	0	6,911,967	
*259 RURAL SPECIAL TRANS-SEC 18 CAP-9 VANS W/LIFTS & RADIOS-1 REPEAT*****468*00000**00000*****									N/A
CAP	0	228,800	0	0	0	0	0	228,800	
OPRTG	0	141,000	0	0	0	0	0	141,000	
TOTAL	0	369,800	0	0	0	0	0	369,800	
*260 FAIRLAWN TOWN & CARE CNTR...10-16 PSGR BUS W/LIFT*****709* 0**00000*****									N/A
CAP	0	27,200	0	0	0	0	0	27,200	
TOTAL	0	27,200	0	0	0	0	0	27,200	
*261 PTLD ACTION COMM TOGETHER INC...10-16 PSGR VAN W/LIFT*****710* 0**00000*****									N/A
CAP	0	14,490	0	0	0	0	0	14,490	
TOTAL	0	14,490	0	0	0	0	0	14,490	
*262 LOAVES & FISHES CENTER INC...3X10-16 PSGR BUSES W/LIFTS*****711* 0**00000*****									N/A
CAP	0	80,190	0	0	0	0	0	80,190	
TOTAL	0	80,190	0	0	0	0	0	80,190	
*263 TUALATIN VALLEY MENTAL HEALTH CNTR...10-16 PSGR BUS W/LIFT*****713* 0**00000*****									N/A
CAP	0	27,720	0	0	0	0	0	27,720	
TOTAL	0	27,720	0	0	0	0	0	27,720	

  
ANNUAL ELEMENT YEAR

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

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PORTLAND URBANIZED AREA

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IN FEDERAL DOLLARS

URBAN MASS TRANSPORTATION ADMINISTRATION

UMTA SPECIAL TRANSPORTATION PROGRAM  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED GRANT AWARD BY FEDERAL FISCAL YEAR  
OBLIGATED ANTICIPATED

1987

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*264 CLACKAMAS CHALLENGER CENTER...2X10-16 PASSENGER VANS*****716#	0*****						N/A
CAP	0	21,840	0	0	0	0	21,840
TOTAL	0	21,840	0	0	0	0	21,840

*265 ROBISON JEWISH HOME...10-16 PSGR VAN W/LIFT*****719#	0*****						N/A
CAP	0	14,490	0	0	0	0	14,490
TOTAL	0	14,490	0	0	0	0	14,490

*266 FRIENDLY HOUSE...10-16 PASSENGER VAN W/LIFT*****720#	0*****						N/A
CAP	0	14,490	0	0	0	0	14,490
TOTAL	0	14,490	0	0	0	0	14,490

*267 HOMESTREET INC...10-16 PASSENGER VAN*****722#	0*****						N/A
CAP	0	11,400	0	0	0	0	11,400
TOTAL	0	11,400	0	0	0	0	11,400

TOTAL UMTA SPECIAL TRANSPORTATION PROGRAM

CAP	0	683,596	0	0	0	0	683,596
OPRTG	0	7,052,967	0	0	0	0	7,052,967
TOTAL	0	7,736,563	0	0	0	0	7,736,563

TOTAL URBAN MASS TRANSPORTATION ADMINISTRATION

PE	1,362,529	926,236	0	0	0	0	2,288,765
R/W	7,687,108	688,000	0	0	896,000	0	9,271,108
CONST	43,401,012	9,533,465	0	0	5,321,700	0	58,256,177
CAP	82,708,891	39,730,364	9,811,348	0	2,756,552	0	135,007,155
OPRTG	10,610,610	11,714,049	4,661,082	0	0	0	26,985,741
RESRV	0	7,440,000	12,100,000	5,218,543	137,200	0	32,255,267
OTHER	2,940,209	1,423,505	0	0	26,400	0	3,793,311
TOTAL	148,710,359	71,455,619	26,572,430	5,218,543	9,137,852	0	267,857,524

**ANNUAL ELEMENT YEAR**

INTERSTATE AND OTHER PROGRAMS

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

FEDERAL AID INTERSTATE AND OTHER

FEDERAL AID INTERSTATE SYSTEM

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

1988

**1989**

1990

POST 1993

**AUTHORIZED**

FA#

*****299*****00000*****00000*****							
#268 REGION 1 AUTOMATED VEHICLE ID AND WEIGH IN MOTION INSTALL-4R							
CONST	0	0	46,000	46,000	0	0	92,000
TOTAL	0	0	46,000	46,000	0	0	92,000

FAIS

*269	I84-COLUMBIA RIVER HWY(ARATA RD)	BRIDGE	HA7097*****	300*00000*	000000*	#####	#####
CONST	0	0	0	0	0	1,159,000	0 1,159,000
TOTAL	0	0	0	0	0	1,159,000	0 1,159,000

FAI84

*270 I5-FREMONT VIADUCT & GREELEY AVE CONNECTION-OLAY-4R*****4304*10004**00005*****									
PE	0	19,412	0	0	0	0	0	19,412	
CONST	0	2,065,400	0	0	0	0	0	2,065,400	
TOTAL	0	2,084,812	0	0	0	0	0	2,084,812	

FATS

*****305*****00000*****00000*****									
#271 15-INTERSTATE BRIDGE DECK RESTORATION-4R	0	0	1,472,000	0	0	0	0	1,472,000	
CONST	0	0	1,472,000	0	0	0	0	1,472,000	
TOTAL	0	0	1,472,000	0	0	0	0	1,472,000	

FALS

[illegible]

FAL295

*****313*10214**01473*****									
PE	142,755	0	0	0	0	0	0	142,755	
CONST	1,420,304	0	0	0	0	2,300,000	0	3,720,304	
TOTAL	1,563,059	0	0	0	0	2,300,000	0	3,863,059	

F415

*****314*****00000*****00000*****1244*****							
#274 I205-SE POWELL BLVD TO SE FOSTER RD LANDSCAPING-4R							
CONST	0	0	828,000	0	0	0	828,000
TOTAL	0	0	828,000	0	0	0	828,000

FAT205

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

FEDERAL AID INTERSTATE AND OTHER

FEDERAL AID INTERSTATE SYSTEM  
(CONTINUED)

**PROJECT DESCRIPTION**

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

1986

1987

1988

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AUTHORIZED

FA#

*275 I5-COLUMBIA BLVD TO PORTLAND BLVD-GRADING/PAVING-4R*****315*10215**0140*****									FAIS
PE	79,816	74,098	0	0	0	0	0	153,914	
CONST	0	0	0	3,220,000	0	0	0	3,220,000	
TOTAL	79,816	74,098	0	3,220,000	0	0	0	3,373,914	
 *276 I5-IOWA STREET VIADUCT(8197)-DECK RESTORATION-4R*****317*10218**01505*****									FAIS
PE	17,480	10,120	0	0	0	0	0	27,600	
CONST	0	727,720	0	0	0	0	0	727,720	
TOTAL	17,480	737,840	0	0	0	0	0	755,320	
 *277 I5-EAST MARQUAM INTCHG GRAND AV/UNION AV RAMPS-PHS 2*****319*76011**00597*****									FAIS
PE	1,499,140	0	0	0	0	0	0	1,499,140	
R/W	3,882,506	0	0	0	0	0	0	3,882,506	
CONST	0	0	0	0	19,320,000	0	0	19,320,000	
TOTAL	5,381,646	0	0	0	19,320,000	0	0	24,701,646	
 *278 I5-EAST MARQUAM INTCHG-NB/SB/BANFIELD ACCESS*****319*76011**00597*****									FAIS
CONST	0	0	0	0	9,200,000	0	0	9,200,000	
TOTAL	0	0	0	0	9,200,000	0	0	9,200,000	
 *279 I5-SWIFT INTERCHANGE TO DELTA PARK INTERCHANGE-PHS 3*****322*74010**00598*****									FAIS
CONST	0	0	0	14,168,000	0	0	0	14,168,000	
TOTAL	0	0	0	14,168,000	0	0	0	14,168,000	
 *280 I5-DELTA PARK TO MARQUAM BRIDGE-BASE SHOULDER OVERLAY-4R*****323*10213**01472*****									FAIS
PE	160,462	0	0	0	0	0	0	160,462	
CONST	0	0	0	1,840,000	0	0	0	1,840,000	
TOTAL	160,462	0	0	1,840,000	0	0	0	2,000,462	

**ANNUAL ELEMENT YEAR**



METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

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PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

FEDERAL AID INTERSTATE AND OTHER

FEDERAL AID INTERSTATE SYSTEM  
(CONTINUED)

## PROJECT DESCRIPTION

[illegible]

1986

1987

1988

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**AUTHORIZED**

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*281 I405-NW NICOLAI/WEST FREMONT INTERCHANGE*****328*79037*400505*****4*****
PE          989,797          0          0          0          0          0          0          989,797
R/W        12,985,769          0          0          0          0          0          0      12,985,769
CONST       958,918      21,141,082          0          0          0          0      22,100,000
TOTAL      14,934,484      21,141,082          0          0          0          0      36,075,566

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FAI405

*****332*00000**00000*****							
CONST	0	0	0	119,600	0	0	119,600
TOTAL	0	0	0	119,600	0	0	119,600

FAI205

#283 I5-OVERCROSSING HASSALO/HOLIDAY(8583)-DECK RESTORATION-4R*****334*10219**01507*****									
PE	0	15,640	0	0	0	0	0	15,640	
CONST	0	437,920	0	0	0	0	0	437,920	
TOTAL	0	453,560	0	0	0	0	0	453,560	

FALS

*284 I5-NB CONNECTION TO SB I405(8958E)-DECK RESTORATION-4R*****336*10217*401489*****44444*****									
PE	18,400	0	0	0	0	0	0	18,400	
CONST	0	0	0	0	0	875,840	0	875,840	
TOTAL	18,400	0	0	0	0	875,840	0	894,240	

FALS

*285 15-OVERCROSSING COLUMBIA BLVD/UNION AVE(8682)-DECK RESTORATION-4*****33**10220**01509*****									
PE	17,480	0	0	0	0	0	0	17,480	
CONST	0	0	0	811,440	0	0	0	811,440	
TOTAL	17,480	0	0	811,440	0	0	0	828,920	

FAT5

#286 I5-OVERCROSSING COLUMBIA SLOUGH(8883)-DECK RESTORATION-4R*****338*10221*01510*****									
PE	19,320	0	0	0	0	0	0	0	19,320
CONST	0	0	0	1,294,440	0	0	0	0	1,294,440
TOTAL	19,320	0	0	1,294,440	0	0	0	0	1,313,760

FATS

**ANNUAL ELEMENT YEAR**

METROPOLITAN SERVICE DISTRICT  
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PORTLAND URBANIZED AREA

FEDERAL AID INTERSTATE AND OTHER

FEDERAL AID INTERSTATE SYSTEM  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988 1989 1990 POST 1990 AUTHORIZED FA#

*287 I205-SUNNYSIDE INTERCHANGE IMPROVEMENTS-4R*****339*00000**00000*****									FAI205
CONST	0	0	0	349,600	0	0	0	349,600	
TOTAL	0	0	0	349,600	0	0	0	349,600	
*288 I205-GLENN JACKSON BRIDGE WATER MAIN/CALL SYSTEM-4R*****343*00000**00000*****									FAI205
CONST	0	0	0	395,600	0	0	0	395,600	
TOTAL	0	0	0	395,600	0	0	0	395,600	
*289 I405-STADIUM FREEWAY AT SW 6TH AVENUE-4R*****344*00000**00000*****									FAI405
CONST	0	0	0	64,400	0	0	0	64,400	
TOTAL	0	0	0	64,400	0	0	0	64,400	
*290 I5-COLUMBIA BLVD TO MARQUAM BRIDGE PAVING-4R*****345*00000**00000*****									FAI5
CONST	0	0	0	0	2,300,000	0	0	2,300,000	
TOTAL	0	0	0	0	2,300,000	0	0	2,300,000	
*291 I5-SW 26TH AVE OXING(8203)-DECK RESTORATION-4R*****348*84004**01484*****									FAI5
PE	0	21,252	0	0	0	0	0	21,252	
CONST	0	180,320	0	0	0	0	0	180,320	
TOTAL	0	201,572	0	0	0	0	0	201,572	
*292 I5-OXING SW HOOD AVE(8195)-DECK RESTORATION-4R*****349*84008**01504*****									FAI5
PE	0	13,800	0	0	0	0	0	13,800	
CONST	0	303,600	0	0	0	0	0	303,600	
TOTAL	0	317,400	0	0	0	0	0	317,400	
*293 I5-E BANK VIADUCT SO OF BURNSIDE BR-OVERLAY AND JOINTS-4R*****350*84006**0148E*****									FAI5
PE	43,988	0	0	0	0	0	0	43,988	
CONST	0	1,343,200	0	0	0	0	0	1,343,200	
TOTAL	43,988	1,343,200	0	0	0	0	0	1,387,188	

ANNUAL ELEMENT YEAR

METROPOLITAN SERVICE DISTRICT  
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IN FEDERAL DOLLARS

FEDERAL AID INTERSTATE AND OTHER

FEDERAL AID INTERSTATE SYSTEM  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

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*294 I5-OXING VICTORY BLVD(9316)-DECK RESTORATION-4R*****351484007**01503*****1*****1										FA15
PE	13,188	0	0	0	0	0	0	0	13,188	
CONST	0	0	0	231,840	0	0	0	0	231,840	
TOTAL	13,188	0	0	231,840	0	0	0	0	245,028	

*295 I205-COLUMBIA RIVER TO SO BANFIELD INTCHG GRADING/LANDSCAPING-4R*****352**0**0*****1*****1										FAI205
CONST	0	0	0	0	1,288,000	1,196,000	0	0	2,484,000	
TOTAL	0	0	0	0	1,288,000	1,196,000	0	0	2,484,000	

*296 I205-82ND AVE TO CLACKAMAS HWY-GRADING/PAVING/WIDEN-4R*****353*10121**01455*****1*****1										FAI205
PE	55,566	0	0	0	0	0	0	0	55,566	
CONST	1,056,685	26,113	0	0	0	0	0	0	1,082,798	
TOTAL	1,112,251	26,113	0	0	0	0	0	0	1,138,364	

*297 I205-ROCKY BUTTE TO NE MULTNOMAH ST BIKEWAY*****354*10257**02925*****1*****1										FAI205
PE	32,200	0	0	0	0	0	0	0	32,200	
CONST	496,994	0	0	0	460,000	0	0	0	956,994	
TOTAL	529,194	0	0	0	460,000	0	0	0	989,194	

*298 I5-SW TERWILLIGER CONNECTION(8199)-DECK RESTORATION-4R*****355*84017**00709*****1*****1										FA15
PE	17,060	0	0	0	0	0	0	0	17,060	
CONST	0	0	0	92,000	0	0	0	0	92,000	
TOTAL	17,060	0	0	92,000	0	0	0	0	109,060	

*299 I205-GLADSTONE INTCHG TO PARK PL-GRADING/PAVING/ADD LANE-4R*****356*10178**01537*****1*****1										FAI205
PE	34,996	0	0	0	0	0	0	0	34,996	
CONST	0	1,437,086	0	0	0	0	0	0	1,437,086	
TOTAL	34,996	1,437,086	0	0	0	0	0	0	1,472,082	

ANNUAL ELEMENT YEAR

METROPOLITAN SERVICE DISTRICT  
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FEDERAL AID INTERSTATE AND OTHER

FEDERAL AID INTERSTATE SYSTEM  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

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*300 I205-S BANFIELD TO SE STARK ST GRADING/LANDSCAPE-4R*****357*00000**00000*****									FAI205
CONST	0	0	0	0	0	0	1,012,000	1,012,000	
TOTAL	0	0	0	0	0	0	1,012,000	1,012,000	
*301 I5-S0 TIGARD INTERCHANGE TO E PORTLAND FWY LANDSCAPING-4R*****358*84044**01234*****									FAI5
PE	34,120	0	0	0	0	0	0	34,120	
CONST	0	0	0	0	230,000	0	0	230,000	
TOTAL	34,120	0	0	0	230,000	0	0	264,120	
*302 I5-TERWILLIGER OVERCROSSING RAMPS-4R*****360*84055**01945*****									FAI5
PE	0	135,010	0	0	0	0	0	135,010	
CONST	0	0	0	0	4,949,600	0	0	4,949,600	
TOTAL	0	135,010	0	0	4,949,600	0	0	5,084,610	
*303 I5-AT I84 INTERCHANGE-DECK RESTORATION AND JOINTS-4R*****361*84005**01435*****									FAI5
PE	55,885	0	0	0	0	0	0	55,885	
CONST	0	1,495,000	0	0	0	0	0	1,495,000	
TOTAL	55,885	1,495,000	0	0	0	0	0	1,550,885	
*304 I84-NE 111TH TO NE 134TH-GRADING/PAVING/STRUCTURE/INT/SIG*****362*78044**01225*****									FAI84
PE	1,186,367	0	0	0	0	0	0	1,186,367	
R/W	18,444	0	0	0	0	0	0	18,444	
CONST	0	0	8,629,600	0	0	0	0	8,629,600	
TOTAL	1,204,811	0	8,629,600	0	0	0	0	9,834,411	
*305 I84-181ST INTERCHANGE-GRADING/PAVING/WIDEN STRUCTURE*****364*78046**01458*****									FAI84
R/W	0	1,061,500	0	0	0	0	0	1,061,500	
CONST	314,792	0	0	0	13,156,000	0	0	13,470,792	
TOTAL	314,792	1,061,500	0	0	13,156,000	0	0	14,532,292	

ANNUAL ELEMENT YEAR

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

**EFFECTIVE OCTOBER 1, 1986**

IN FEDERAL DOLLARS

PORTLAND URBANIZED AREA

FEDERAL AID INTERSTATE AND OTHER

FEDERAL AID INTERSTATE SYSTEM  
(CONTINUED)

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR

**OBLIGATED**

1986

1987

1988

1989

1990

POST 1993

**AUTHORIZED**

**FA#**[illegible]**ANNUAL ELEMENT YEAR**

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

PORTLAND URBANIZED AREA

FEDERAL AID INTERSTATE AND OTHER

FEDERAL AID INTERSTATE SYSTEM  
(CONTINUED)

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR	1986	1987	1988	1989	1990	POST 1990	AUTHORIZED	FA#
OBLIGATED								

[illegible]

#313 I405-FREMONT BRIDGE RAMPS JOINT RECONSTRUCTION-4R*****#376#00000**0000)**<*****>>>>>>>>>>>>>>>>>>	
CONST           0                 0                 0                 0      2,300,000                 0                 0      2,300,000	
TOTAL          0                 0                 0                 0      2,300,000                 0                 0      2,300,000	FAI405

[illegible]

#315 I5-METRO AREA FREEWAY CALL BOXES AND VARIABLE MESSAGE SIGNING-4R*****379*		DJH	Q44444*****#	FAT5
CONST	0	0	0	0
TOTAL	0	0	0	0
			2,815,200	2,815,200
			2,815,200	2,815,200

#316 I5-HIGHWAY 217/KRUSE WAY INTERCHANGE-DEVELOPMENT*****	394*	0**	0**	*****		FAIS
CONST	0	0	0	10,672,000	0	10,672,000
TOTAL	0	0	0	10,672,000	0	10,672,000

#317 I5-CAPITOL HWY/BARBUR BLVD INTERCHANGE-DEVELOPMENT*****394*	0**	C*****	FATS
CONST	0	0	
TOTAL	0	0	

*****394*****00000*****1111*****										FAI205
CONST	0	0	0	0	0	0	5,520,000	5,520,000		
TOTAL	0	0	0	0	0	0	5,520,000	5,520,000		

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

PORTLAND URBANIZED AREA

FEDERAL AID INTERSTATE AND OTHER

FEDERAL AID INTERSTATE SYSTEM  
(CONTINUED)

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

1988

1989

1990

POST 1970

**AUTHORIZED**

## FAQ

[illegible]

FAIS

*****409*10180**00614*****							
PE	45,003	0	0	0	0	0	45,003
CONST	0	285,882	276,000	0	0	0	561,882
TOTAL	45,003	285,882	276,000	0	0	0	606,885

FAI205

```
#321 I205-SUNNYSIDE RD TO WEST LINN BIKEWAY UNIT 2-4R*****409*10180**00614*****d44****d44*****
CONST          0              0              0              0      460,000              0              0      460,000
TOTAL          0              0              0              0      460,000              0              0      460,000
```

FAI205

```
#322 I5-UPPER BOONES FERRY RD TO I205 INTERCHANGE-4R*****436#      0##      0#####436#####
CONST              0              0              0              0              0          0    4,876,000    4,876,000
TOTAL              0              0              0              0              0          0    4,876,000    4,876,000
```

FAIS

```

#323 I84-SIGNING PORTLAND TO IDAHO STATE LINE-4R*****437*84077**01843*****
PE          50,721          0          0          0          0          0          50,721
CONST       0          0          0          0      552,000          0      552,000
TOTAL      50,721          0          0          0      552,000          0      602,721

```

FATB4

#324 I5-FREWAY ILLUMINATION-SWIFT/UNION INTCHG TO MARQUAM INTCHG-4R*****437*84088**02620****								
PE	10,448	0	0	0	0	0	0	10,448
CONST	61,208	124,266	0	0	0	0	0	185,474
TOTAL	71,656	124,266	0	0	0	0	0	195,922

FAT5

[illegible]

FATS

**ANNUAL ELEMENT YEAR**

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS.

PORTLAND URBANIZED AREA

FEDERAL AID INTERSTATE AND OTHER

FEDERAL AID INTERSTATE SYSTEM  
(CONTINUED)

## PROJECT DESCRIPTION

### ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR

OBLIGATED

1984

1987

1988

1987

1990

POST 1990

**AUTHORIZED**

**F43**

*326 15-INTERSTATE BRIDGE RAILING REPLACEMENT-ODOT/WDOT-4R*****467*84105**02626*****									
PE	16,046	774	0	0	0	0	0	0	16,820
CONST	0	0	1,784,800	0	0	0	0	0	1,784,800
TOTAL	16,046	774	1,784,800	0	0	0	0	0	1,801,620

FATS

```
*327 IS-GEOLOGICAL INVESTIGATION OF PAVEMENT SUBSIDENCE MP287-4R*****472*8-D036**02910*****  
PE              0          23,690             0           0            0           0          23,690  
TOTAL           0          23,690             0           0            0           0          23,690
```

FATS

*328 I405-FREMONT BRIDGE DEBRIS CONTROL FENCING-4R*****473*85001**02869*****									
PE	11,250	9,959	0	0	0	0	0	21,209	
CONST	0	1,502,048	0	0	0	0	0	1,502,048	
TOTAL	11,250	1,512,007	0	0	0	0	0	1,523,257	

FAI405

```

*****47485023*****02936*****
#329 I5-INTERSTATE BRIDGE NB LIFT SPAN IMPROVEMENTS-4R
CONST      0      0  1,033,000      0      0      0  1,033,000
TOTAL      0      0  1,033,000      0      0      0  1,033,000

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F415

[illegible]

FAI4G5

*331 I205-GUIDE SIGN AND CONTROL SIGN REPAIR-4R*****	482*	85036**	03440*****	*****	*****	*****	*****	*****
PE	0	31,500	0	0	0	0	0	31,500
CONST	0	0	0	0	432,000	0	0	432,000
TOTAL	0	31,500	0	0	432,000	0	0	463,500

FAI295

*****670*84065**00461*****									
PE	25,821	0	0	0	0	0	0	0	25,821
CONST	0	0	0	0	368,000	0	0	0	368,000
TOTAL	25,821	0	0	0	368,000	0	0	0	393,821

F415

# ANNUAL ELEMENT YEAR



**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

**EFFECTIVE OCTOBER 1, 1986**

**IN FEDERAL DOLLARS**

PORTLAND ORGANIZED AREA

FEDERAL AID INTERSTATE AND OTHER

FEDERAL AID INTERSTATE SYSTEM  
(CONTINUED)

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

1986

1987

1988

1989

1950

POST 1953

**AUTHORIZED**

F44#

[illegible][illegible][illegible]

*****677*00000**00000*****421*****1444444444*****4										FAI405
#336 I405-STADIUM FREEWAY LANDSCAPING-4R	0	0	0	0	0	0	772,800	772,800		
CONST	0	0	0	0	0	0	772,800	772,800		
TOTAL	0	0	0	0	0	0	772,800	772,800		

[illegible][illegible]

### TOTAL FEDERAL AID INTERSTATE SYSTEM

PE	5,959,316	816,086	0	0	0	0	38,724	6,814,126
R/W	16,886,719	2,009,433	0	432,400	1,840,000	0	3,723,648	24,892,200
CONST	4,308,901	31,069,637	14,069,400	28,004,920	47,212,160	86,702,840	84,043,420	295,411,278
TOTAL	27,154,936	33,895,156	14,069,400	28,437,320	49,052,160	86,702,840	87,805,792	327,117,604

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND UNPAVING AREA

EFFECTIVE OCTOBER 1, 1986

FEDERAL AID INTERSTATE AND OTHER

STATE HIGHWAY FUNDS FINANCING

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

1986

1987

1988

1989

1990

**POST 1993**

**AUTHORIZED**

**FAX**

#339 METRO CORRIDOR PLANNING(T) *****		*****126*****	*****00000*****	*****0*****	*****0*****	*****0*****	*****0*****	*****0*****	*****75,949*****
PE	0	0	75,949	0	0	0	0	0	75,949
RESRV	0	0	0	100,000	100,000	124,051	0	0	324,051
TOTAL	0	0	75,949	100,000	100,000	124,051	0	0	400,000

H/A

```

#340 OR43 STATE STREET CORRIDOR-E AVENUE TO LADD ST-STM*****133*77068**003*9*****
CONST          0    1,850,000          0          0          0          0    1,850,000
TOTAL          0    1,850,000          0          0          0          0    1,850,000

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FA 19565

[illegible]

FAJ9326

K342 99U-PACIFIC HWY AT SW FISCHER ROAD SIGNAL*****389*84029**02093*****							
CONST	0	0	0	0	70,000	0	70,000
TOTAL	0	0	0	0	70,000	0	70,000

**FAD9**

*343 US26-MT HOOD HWY AT PALMQUIST/ORIENT RD-GRADE/PAVE/SIGNAL-ST*****397410234**01470*****									
PE	34,265	0	0	0	0	0	0	0	34,265
R/W	198,337	36,256	0	0	0	0	0	0	234,593
CONST	0	0	240,000	0	0	0	0	0	240,000
TOTAL	232,602	36,256	240,000	0	0	0	0	0	508,858

FAP24

#344 US26-SUNSET HWY AT SYLVAN-EB RAMP SIGNAL-ST*****400*84028**02079*****							
PE	19,500	0	0	0	0	0	19,500
CONST	0	0	0	90,000	0	0	90,000
TOTAL	19,500	0	0	90,000	0	0	109,500

FAP27

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

FEDERAL AID INTERSTATE AND OTHER

STATE HIGHWAY FUNDS FINANCING  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

1986

1987

1988

1989

1990

POST 1990

AUTHORIZED

FA#

*345 JOHNSON CK BLVD IMPROVEMENT-CASCADE HWY N TO LESTER INTCHG-STM*****411*	0**	0*****411*****4						FAU9704
CONST	0	0	0	1,800,000	0	0	0	1,800,000
TOTAL	0	0	0	1,800,000	0	0	0	1,800,000
 *346 NE 181ST AVENUE EXTENSION-STM*****411*	0**	0*****411*****4						FAU9891
CONST	0	0	0	15,000,000	0	0	0	15,000,000
TOTAL	0	0	0	15,000,000	0	0	0	15,000,000
 *347 US308-NE PORTLAND HWY IMPROVEMENTS AT 201ST AND 223RD AVES-STM*****411*	0**	0*****411*****4						FAU9966
CONST	0	0	0	0	320,000	0	0	320,000
TOTAL	0	0	0	0	320,000	0	0	320,000
 *348 OR210-SCHOLLS HWY IMPROVEMENTS-MURRAY BLVD TO FANNO CREEK-STM*****411*	0**	0*****411*****4						FAU9234
CONST	0	0	0	0	3,115,000	0	0	3,115,000
TOTAL	0	0	0	0	3,115,000	0	0	3,115,000
 *349 US26-SUNSET HWY/CANYON CT INTCHG(WB ON-RAMP)-STM*****411*	0**	0*****411*****4						FAP27
CONST	0	0	0	0	2,700,000	0	0	2,700,000
TOTAL	0	0	0	0	2,700,000	0	0	2,700,000
 *350 SWIFT HIGHWAY-N MARINE DR RR CROSSING IMPROVEMENTS-STM*****411*	0**	0*****411*****4						FAU9962
CONST	0	0	0	0	6,405,000	0	0	6,405,000
TOTAL	0	0	0	0	6,405,000	0	0	6,405,000
 *351 SHUTE ROAD CONSTRUCTION-SUNSET TO EVERGREEN-STM*****411*	0**	0*****411*****4						FASA689
CONST	0	1,750,000	0	0	0	0	0	1,750,000
TOTAL	0	1,750,000	0	0	0	0	0	1,750,000

**ANNUAL ELEMENT YEAR**

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

FEDERAL AID INTERSTATE AND OTHER  
STATE HIGHWAY FUNDS FINANCING  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

	1986	1987	1988	1989	1990	POST 1990	AUTHORIZED	FA#
*352 US30-LWR COLUMBIA RIVER HWY LT LANE-MP 5.17 TO SALTZMAN CK-ST*****412*								
CONST	0	0	450,000	0	0	0	450,000	FAP1
TOTAL	0	0	450,000	0	0	0	450,000	
*353 OR8-TV HWY RIGHT TURN LANES AT SW 170TH/198TH/BROOKWOOD AVES-ST*****412*								
CONST	0	0	10,000	0	0	0	10,000	FAP32
TOTAL	0	0	10,000	0	0	0	10,000	
*354 OR43-OSWEGO HWY BARRIERS-SOUTH MIDVALE RD TO MP 6.9-ST*****412*								
CONST	0	0	110,000	0	0	0	110,000	FAU9565
TOTAL	0	0	110,000	0	0	0	110,000	
*355 OR210-SCHOLLS HWY CHANNELIZATION-MP 8.95 TO SW CASCADE AVE-ST*****412*								
CONST	0	0	200,000	0	0	0	200,000	FAU9234
TOTAL	0	0	200,000	0	0	0	200,000	
*356 BEAVERTON/TUALATIN HWY AT SW PFAFFLE ST-LEFT TURN LANE-ST*****412*								
CONST	0	0	40,000	0	0	0	40,000	FAU9091
TOTAL	0	0	40,000	0	0	0	40,000	
*357 US30-LWR COLUMBIA RIVER HWY GUARDRAIL-DOANE CR TO HODGE AVE-ST*****412*								
CONST	0	0	0	160,000	0	0	160,000	FAP1
TOTAL	0	0	0	160,000	0	0	160,000	
*358 OR210-SCHOLLS HWY AT DENNY ROAD-SIGNAL/LEFT TURN LANE-ST*****412*								
CONST	0	0	0	110,000	0	0	110,000	FAU9234
TOTAL	0	0	0	110,000	0	0	110,000	

ANNUAL ELEMENT YEAR

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

FEDERAL AID INTERSTATE AND OTHER

STATE HIGHWAY FUNDS FINANCING  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

1986

1987

1988

1989

1990

POST 1990

AUTHORIZED

FA#

*359 OR210-SCHOLLS HWY AT SW JAMIESON ROAD LEFT TURN REFUGE-ST*****412*	0**	0*****412*****412*****						FAU9234
CONST	0	0	80,000	0	0	0	80,000	
TOTAL	0	0	80,000	0	0	0	80,000	
*360 US30-NE PORTLAND HWY AT NE 201ST AVENUE LEFT TURN LANE-ST*****412*	0**	0*****412*****412*****						FAU9956
CONST	0	0	0	50,000	0	0	50,000	
TOTAL	0	0	0	50,000	0	0	50,000	
*361 OR43-OSWEGO HWY SIGNAL REHABILITATION-RIVERWOOD TO BRIARWOOD-ST*****412*	0**	0*****412*****412*****						FAU9565
CONST	0	0	0	420,000	0	0	420,000	
TOTAL	0	0	0	420,000	0	0	420,000	
*362 OR43-OSWEGO HWY AT JOLIE POINTE ROAD LEFT TURN REFUGE-ST*****412*	0**	0*****412*****412*****						FAU9565
CONST	0	0	0	80,000	0	0	80,000	
TOTAL	0	0	0	80,000	0	0	80,000	
*363 BEAVERTON/TUALATIN HIGHWAY AT SW WASHINGTON DR LT REFUGE-ST*****412*	**	*****412*****412*****						FAU9091
CONST	0	0	50,000	0	0	0	50,000	
TOTAL	0	0	50,000	0	0	0	50,000	
*364 BEAVERTON/TUALATIN HIGHWAY AT SW BURNHAM ST LT LANE-ST*****412*	**	*****412*****412*****						FAU9091
CONST	0	0	80,000	0	0	0	80,000	
TOTAL	0	0	80,000	0	0	0	80,000	
*365 MULTNOMAH COUNTY TRAFFIC LOOP REPAIR-ST*****412*0	**0	*****412*****412*****						MISC
CONST	0	0	230,000	230,000	0	0	460,000	
TOTAL	0	0	230,000	230,000	0	0	460,000	

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

FEDERAL AID INTERSTATE AND OTHER

STATE HIGHWAY FUNDS FINANCING  
(CONTINUED)

**PROJECT DESCRIPTION**

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988 1989 1990 POST 1990 AUTHORIZED FA#

*366 BEAVERTON/TUALATIN HWY AT SW OAK-SIGNAL/LEFT TURN*****414*84066**0076*****									FA#9091
R/W	0	7,200	0	0	0	0	0	7,200	
CONST	0	0	140,000	0	0	0	0	140,000	
TOTAL	0	7,200	140,000	0	0	0	0	147,200	

*367 US26-SUNSET/CORNELIUS PASS ROAD INTCHG-STM*****422*84038**01556*****									FA#27
PE	302,971	0	0	0	0	0	0	302,971	
R/W	511,270	0	0	0	0	0	0	511,270	
CONST	0	0	4,715,000	0	0	0	0	4,715,000	
TOTAL	814,241	0	4,715,000	0	0	0	0	5,529,241	

*368 US26-SUNSET/CORNELL ROAD INTERCHANGE-STM*****427*79069**00779*****									FA#27
PE	165,440	123,200	0	0	0	0	0	288,640	
R/W	0	1,320,000	0	0	0	0	0	1,320,000	
CONST	0	0	0	0	5,300,000	0	0	5,300,000	
TOTAL	165,440	1,443,200	0	0	5,300,000	0	0	6,908,640	

*369 US308-NE PORTLAND HIGHWAY-NE 82ND AVE TO I205-STM*****428*79055**00456*****									FA#9966
CONST	0	0	1,568,000	0	0	0	0	1,568,000	
TOTAL	0	0	1,568,000	0	0	0	0	1,568,000	

**TOTAL STATE HIGHWAY FUNDS FINANCING**

PE	539,076	123,200	75,949	0	0	0	0	738,225
R/W	709,607	1,363,456	0	0	0	0	0	2,073,063
CONST	0	3,996,000	7,703,000	17,600,000	9,285,000	9,175,000	0	47,759,000
RESRV	0	0	0	100,000	100,000	124,051	0	324,051
TOTAL	1,248,683	5,482,656	7,778,949	17,700,000	9,385,000	9,299,051	0	50,894,339

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

FEDERAL AID INTERSTATE AND OTHER

OTHER

**PROJECT DESCRIPTION**

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED                      1986                      1987                      1988

1989

1990

POST 1990

AUTHORIZED

FAP

*370 HIGHWAY 217 AND SUNSET...FAIX/FAP OFFSET TRANSFERS*****121*79076**00376*****										FAP79
RESRV	0	0	0	0	0	0	2,000,000	2,000,000		
TOTAL	0	0	0	0	0	0	2,000,000	2,000,000		
*371 OREGON CITY BYPASS...FAIX/FAP OFFSET TRANSFERS*****125*76007**01670*****										FAU0078
RESRV	0	0	0	0	0	0	890,000	890,000		
TOTAL	0	0	0	0	0	0	890,000	890,000		
*372 HIGHWAY 217 OVERLAY-SUNSET HIGHWAY TO I5*****342*10224**00829*****										FAP79
PE	221,760	0	0	0	0	0	0	221,760		
CONST	4,601,065	7,230	0	0	0	0	0	4,608,295		
TOTAL	4,822,825	7,230	0	0	0	0	0	4,830,055		
*373 US30-SW DOANE AVE TO SW BALBOA AVE-CHANNELIZATION-FAP*****387*10255**02107*****										FAP1
PE	0	25,200	0	0	0	0	0	25,200		
R/W	0	56,250	0	0	0	0	0	56,250		
CONST	0	0	0	0	0	369,000	0	369,000		
TOTAL	0	81,450	0	0	0	369,000	0	450,450		
*374 OR210-SCHOLLS HWY AT 135TH AVE-SIGNAL/REALIGNMENT-FAP*****390*80112**00046*****										FAU9234
PE	0	15,435	0	0	0	0	0	15,435		
R/W	33,300	0	0	0	0	0	0	33,300		
CONST	0	0	260,000	0	0	0	0	260,000		
TOTAL	33,300	15,435	260,000	0	0	0	0	308,735		
*375 US26-SUNSET OVERLAY-GLENCOE RD TO CORNELIUS PASS RD-FAP*****391**041 0*****										FAP27
CONST	0	0	1,478,000	0	0	0	0	1,478,000		
TOTAL	0	0	1,478,000	0	0	0	0	1,478,000		

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

FEDERAL AID INTERSTATE AND OTHER

PORTLAND URBANIZED AREA

OTHER  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

1986

1987

1988

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FA#

*376 OR8-TV HIGHWAY PAVING/ILLUM-SW HOCKEN TO SE MAPLE-FAP*****392*	0**	0*****						FAP32
CONST	0	0	0	0	2,270,000	0	0	2,270,000
TOTAL	0	0	0	0	2,270,000	0	0	2,270,000
 *377 OR99W-PACIFIC HIGHWAY WEST AT BEAVERTON-TIGARD HWY-DEVELOPMENT*****394*00000**00000*****								FAP9
CONST	0	0	0	0	3,704,800	0	0	3,704,800
TOTAL	0	0	0	0	3,704,800	0	0	3,704,800
 *378 OR208-FARMINGTON ROAD 189TH TO MURRAY-DEVELOPMENT*****394*00000**00000*****								FAI9064
CONST	0	0	0	0	4,866,400	0	0	4,866,400
TOTAL	0	0	0	0	4,866,400	0	0	4,866,400
 *379 UPRR(GRAHAM ROAD) BRIDGE #6967 CONNECTION-DEVELOPMENT*****394*00000**00000*****								FAI9883
CONST	0	0	0	0	0	0	1,496,000	1,496,000
TOTAL	0	0	0	0	0	0	1,496,000	1,496,000
 *380 BVTN/TUALATIN HWY AT SW BRIDGEPORT-SIGNAL/CHANNELIZE-FAP*****395*10251**402089*****								FAI9091
PE	0	12,600	0	0	0	0	0	12,600
R/W	0	24,300	0	0	0	0	0	24,300
CONST	0	0	0	0	246,400	0	0	246,400
TOTAL	0	36,900	0	0	246,400	0	0	283,300
 *381 I205-WILLAMETTE RIVER BR(W LINN) SLAG WELD INSPECTION-HBR*****396*84075**01221*****								FAI205
PE	56,902	4,876	0	0	0	0	0	61,778
CONST	0	322,000	0	0	0	0	0	322,000
TOTAL	56,902	326,876	0	0	0	0	0	383,778
 *382 US30-BURLINGTON RR TO WILLBRIDGE UNIT 1-OVERLAY-FAP*****402*10122**00665*****								FAP1
CONST	0	1,584,000	0	0	0	0	0	1,584,000
TOTAL	0	1,584,000	0	0	0	0	0	1,584,000

**ANNUAL ELEMENT YEAR**



**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

FEDERAL AID INTERSTATE AND OTHER

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**PROJECT DESCRIPTION**

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
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*383 US30B-NE PORTLAND HWY AT NE 158TH-SIGNAL/CHANNELIZE-FAP*****404*78049**02091*****								FA#9966
PE 19,620 0 0 0 0 0 0	19,620							
R/W 18,000 0 0 0 0 0 0	18,000							
CONST 0 138,380 0 0 0 0 0	138,380							
TOTAL 37,620 138,380 0 0 0 0 0	176,000							
*384 HAWTHORNE BRIDGE(W2757) PHASE II-SERVICE LIFE EXTENSION-HBR*****407*8*037**04069*****								FA#9366
PE 0 0 127,800 0 0 0 0	127,800							
CONST 0 0 1,137,600 0 0 0 0	1,137,600							
TOTAL 0 0 1,265,400 0 0 0 0	1,265,400							
*385 US26-SUNSET HWY CLIMB LANE-CANYON RD TO VISTA RIDGE TUNNEL-FAP*****410*84014**00491*****								FA#27
PE 172,712 86,213 0 0 0 0 0	258,925							
R/W 0 0 0 0 792,000 0 0	792,000							
CONST 0 0 0 0 0 0 4,026,800	4,026,800							
TOTAL 172,712 86,213 0 0 792,000 0 4,026,800	5,077,805							
*386 RESERVE FOR SURFACE PRESERVATION-METRO REGION-FAP*****412*00000**00000*****								TES
RESRV 0 0 0 0 0 1,760,000 3,168,000	4,928,000							
TOTAL 0 0 0 0 0 1,760,000 3,168,000	4,928,000							
*387 BEAVERTON/TUALATIN HWY AT PACIFIC HWY WEST*****413*84052**00762*****								FA#9091
PE 21,596 0 0 0 0 0 0	21,596							
R/W 0 0 0 0 0 0 0	0							
CONST 0 0 0 0 132,000 0 0	132,000							
TOTAL 21,596 0 0 0 132,000 0 0	153,596							
*388 US26-SUNSET/HELVETIA ROAD INTERCHANGE-DEVELOPMENT*****416*10069**00038*****								FA#27
PE 163,048 0 0 0 0 0 0	163,048							
R/W 0 375,519 0 0 0 0 0	375,519							
CONST 3,245,431 0 0 0 0 0 0	3,245,431							
TOTAL 3,408,479 375,519 0 0 0 0 0	3,783,998							

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METROPOLITAN SERVICE DISTRICT  
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FEDERAL AID INTERSTATE AND OTHER

PORTLAND URBANIZED AREA

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(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
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*389 US308-NE COLUMBIA BLVD TO NE LOMBARD ST-DEVELOPMENT*****423*80011**00833*****									FA#19966
CONST	0	0	0	0	0	0	2,200,000	2,200,000	
TOTAL	0	0	0	0	0	0	2,200,000	2,200,000	
*390 US26-SUNSET/JACKSON ROAD OVERPASS-DEVELOPMENT*****425*84040**00984*****									FA#27
PE	94,585	53,242	0	0	0	0	0	147,827	
R/W	0	88,000	0	0	0	0	0	88,000	
CONST	0	0	0	0	0	0	2,108,400	2,108,400	
TOTAL	94,585	141,242	0	0	0	0	2,108,400	2,344,307	
*391 US26-SUNSET/NE 185TH AVE INTERCHANGE-DEVELOPMENT*****426*84013**00847*****									FA#27
PE	0	146,306	0	0	0	0	0	146,306	
CONST	0	0	0	0	4,250,000	0	0	4,250,000	
TOTAL	0	146,306	0	0	4,250,000	0	0	4,396,306	
*392 NW CORNELI RD BRIDGES-AUDUBON SOCIETY BLDG TO TUNNEL #1-HBR*****447*84030**02463*****									FA#9022
PE	76,480	0	0	0	0	0	0	76,480	
CONST	1,683,656	36,166	0	0	0	0	0	1,719,822	
TOTAL	1,760,136	36,166	0	0	0	0	0	1,796,302	
*393 HWY212 CLIMBING LANE-ROCK CREEK JCT TO MP 0.75-FAP DEVELOPMENT*****450*84045**00775*****									FA#74
PE	36,141	18,216	0	0	0	0	0	54,357	
R/W	0	44,000	0	0	0	0	0	44,000	
CONST	0	0	0	0	520,960	0	0	520,960	
TOTAL	36,141	62,216	0	0	520,960	0	0	619,317	
*394 BROOKWOOD AVE BRIDGE REPLACEMENT OVER ROCKCREEK-BR#13043-HBR*****461*84086**02589*****									FA#19009
PE	39,680	0	0	0	0	0	0	39,680	
CONST	0	0	372,000	0	0	0	0	372,000	
TOTAL	39,680	0	372,000	0	0	0	0	411,680	

ANNUAL ELEMENT YEAR

**METROPOLITAN SERVICE DISTRICT  
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PORTLAND ORGANIZED AREA

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FEDERAL AID INTERSTATE AND OTHER

OTHER  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
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*395 FERN HILL RD BRIDGES REPLACEMENT-13256/7/8-HBR*****463*10167**00477*****1414*****1									FA#9032
PE	27,360	0	0	0	0	0	0	27,360	
CONST	0	240,000	0	0	0	0	0	240,000	
TOTAL	27,360	240,000	0	0	0	0	0	267,360	
*396 OR8-TV HIGHWAY-HILLSBORD TO BEAVERTON DEVELOPMENT*****501* 0**0000*****1414*****1									FA#32
CONST	0	0	0	0	0	15,000,000	0	15,000,000	
TOTAL	0	0	0	0	0	15,000,000	0	15,000,000	
*397 CLACKAMAS PARK(PACIFIC EAST) BRIDGE NO. 1618-HBR*****504*85042**03329*****1414*****1									FA#26
PE	118,956	0	0	0	0	0	0	118,956	
CONST	0	1,558,480	0	0	0	0	0	1,558,480	
TOTAL	118,956	1,558,480	0	0	0	0	0	1,677,436	
*398 HAWTHORNE BRIDGE EAST APPROACH RAMPS REPLACEMENT(#2757C)-HBR*****506*84097**02914*****1414*****1									FA#9366
PE	0	180,800	0	0	0	0	0	180,800	
CONST	0	0	0	0	4,564,000	0	0	4,564,000	
TOTAL	0	180,800	0	0	4,564,000	0	0	4,744,800	
*399 NE PORTLAND HWY-N LOMBARD/BURGARD ST @ N TERMINAL RD(#25801)-HBR*****513*85073**033/7*****1414*****1									FA#9956
PE	115,760	0	0	0	0	0	0	115,760	
R/W	0	15,200	0	0	0	0	0	15,200	
CONST	0	559,016	0	0	0	0	0	559,016	
TOTAL	115,760	574,216	0	0	0	0	0	689,976	
*400 OR8 TV HWY-HILLSBORD SIGNAL PROGRAM AT 11 LOCATIONS-FAP*****522*84034**03334*****1414*****1									FA#32
PE	65,000	7,900	0	0	0	0	0	72,900	
CONST	0	0	0	0	0	255,200	0	255,200	
TOTAL	65,000	7,900	0	0	0	255,200	0	328,100	

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PORTLAND URBANIZED AREA

FEDERAL AID INTERSTATE AND OTHER

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(CONTINUED)

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

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**AUTHORIZED**

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[illegible]

FAD27

*402 OR8-TV HWY AT MURRAY BLVD INTERSECTION IMPROVEMENT-FAP*****680*80020*03369*****									
PE	43,649	0	0	0	0	0	0	0	43,649
R/W	250,346	70,520	0	0	0	0	0	0	320,866
CONST	0	0	581,000	0	0	0	0	0	581,000
TOTAL	293,995	70,520	581,000	0	0	0	0	0	945,515

FAD32

*403 HAWTHORNE BRIDGE EMERGENCY REPAIRS-HBRR*****689*85037**02951*****									
PE	116,000	0	0	0	0	0	0	0	116,000
CONST	941,600	412,720	0	0	0	0	0	0	1,354,320
TOTAL	1,057,600	412,720	0	0	0	0	0	0	1,470,320

FAI 19366

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#404 OR8-TUALATIN VALLEY HIGHWAY-SE 21ST AVE TO SE OAK ST-FAP*****828*79085*403691*****
PE          139,765      264,494      0      0      0      0      0      404,259
TOTAL       139,765      264,494      0      0      0      0      0      404,259

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FAP32

TOTAL OTHER

PE	1,615,136	857,593	127,800	0	0	0	0	2,600,529
R/W-	301,646	761,789	0	0	792,000	0	0	1,855,435
CONST	10,471,752	4,857,992	3,828,600	0	22,603,560	15,624,200	9,831,360	67,214,464
RESRV	0	0	0	0	0	1,753,000	6,058,000	7,818,000
TOTAL	12,388,534	6,477,374	3,956,400	0	23,392,560	17,384,200	15,889,360	79,488,428

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METROPOLITAN SERVICE DISTRICT  
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FEDERAL AID INTERSTATE AND OTHER

TITLE II SAFETY PROGRAM

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR

OBLIGATED 1986 1987 1988 1989 1990 POST 1990 AUTHORIZED FAP

*405 FARMINGTON AT 160TH-HES*****236*78057**01570*****									FAU9064
PE	38,250	0	0	0	0	0	0	38,250	
R/W	0	70,200	0	0	0	0	0	70,200	
CONST	0	0	297,000	0	0	0	0	297,000	
TOTAL	38,250	70,200	297,000	0	0	0	0	405,450	
*406 POWELL AND 190TH INTERSECTION IMPROVEMENT*****293*77064**00366*****									FAP24
CONST	0	675,000	0	0	0	0	0	675,000	
TOTAL	0	675,000	0	0	0	0	0	675,000	
*407 99W-PACIFIC HWY AT 30TH AVE-LT TURN/BEACON-HES*****383*10161**00896*****									FAP9
PE	13,770	0	0	0	0	0	0	13,770	
CONST	151,212	0	0	0	0	0	0	151,212	
TOTAL	164,982	0	0	0	0	0	0	164,982	
*408 OR213-AT JOHNSON CREEK BRIDGE #4566-HES*****385*00000**01457*****									FAU9713
CONST	0	0	0	297,000	0	0	0	297,000	
TOTAL	0	0	0	297,000	0	0	0	297,000	
*409 SUNSET HWY AT VISTA RIDGE TUNNEL MESSAGE SIGNING-HES*****386*10143**01892*****									FAP27
CONST	445,000	0	0	495,000	0	0	0	940,000	
TOTAL	445,000	0	0	495,000	0	0	0	940,000	
*410 TV HIGHWAY AT SW 91ST SIGNAL-HES*****405*84036**02085*****									FAP32
PE	13,500	0	0	0	0	0	0	13,500	
R/W	0	1,800	0	0	0	0	0	1,800	
CONST	494,500	0	0	0	0	0	0	494,500	
TOTAL	508,000	1,800	0	0	0	0	0	509,800	

ANNUAL ELEMENT YEAR

METROPOLITAN SERVICE DISTRICT  
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FISCAL YEARS 1987 TO POST 1990

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FEDERAL AID INTERSTATE AND OTHER

TITLE II SAFETY PROGRAM  
(CONTINUED)

PORTLAND URBANIZED AREA

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988 1989 1990 POST 1990 AUTHORIZED FA#

*411 SIGNAL-PACIFIC HWY WEST(OR99W) AT CANTERBURY LANE-HES*****469*85006**02933*****4									FAP9
PE	18,900	0	0	0	0	0	0	18,900	
CONST	0	0	0	0	0	138,600	0	138,600	
TOTAL	18,900	0	0	0	0	138,600	0	157,500	
*412 MCLOUGHLIN BLVD MEDIAN BARRIER-SE OCHOCO TO SE 17TH-HES*****470*84094**02588*****4									FAP26
PE	8,730	0	0	0	0	0	0	8,730	
CONST	230,160	9,867	0	0	0	0	0	240,027	
TOTAL	238,890	9,867	0	0	0	0	0	248,757	
*413 REPLACE SIGNAL-NE GLISAN STREET AT NE 148TH AVENUE-HES*****518*85079**03975*****4									FAI9834
PE	0	7,650	0	0	0	0	0	7,650	
CONST	0	71,250	0	0	0	0	0	71,250	
TOTAL	0	78,900	0	0	0	0	0	78,900	
*414 REPLACE SIGNAL-SE STARK STREET AT 148TH AVENUE-HES*****519*85080**03973*****4									FAI9810
PE	0	7,650	0	0	0	0	0	7,650	
CONST	0	69,750	0	0	0	0	0	69,750	
TOTAL	0	77,400	0	0	0	0	0	77,400	
*415 INSTALL SIGNAL-CLACKAMAS HIGHWAY AT 142ND AVENUE-HES*****520*85088**03935*****4									FAP74
PE	21,420	0	0	0	0	0	0	21,420	
CONST	0	0	0	0	104,400	0	0	104,400	
TOTAL	21,420	0	0	0	104,400	0	0	125,820	
*416 INSTALL SIGNAL/NEW CONTROLLER-NE PORTLAND HIGHWAY AT 121ST-HES*****521*86002**04035*****4									FAI9966
PE	0	0	10,800	0	0	0	0	10,800	
CONST	0	0	90,000	0	0	0	0	90,000	
TOTAL	0	0	100,800	0	0	0	0	100,800	

ANNUAL ELEMENT YEAR

**METROPOLITAN SERVICE DISTRICT  
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FEDERAL AID INTERSTATE AND OTHER

TITLE II SAFETY PROGRAM  
(CONTINUED)

PROJECT DESCRIPTION	ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR	1986	1987	1988	1989	1990	POST 1990	AUTHORIZED	FA#
OBLIGATED									
*417 OR99E-MCLOUGHLIN MEDIAN BARRIER-END 1WAY COUPLET/SE TACOMA-HES*****522*85020**02931*****									FAP26
PE	28,620	0	0	0	0	0	0	28,620	
CONST	0	0	810,000	0	0	0	0	810,000	
TOTAL	28,620	0	810,000	0	0	0	0	838,620	
*418 INSTALL SIGNAL-NE KANE DRIVE AT NE 17TH DRIVE-HES*****522*85078**03974*****									FAU9883
PE	0	0	6,300	0	0	0	0	6,300	
CONST	0	0	59,220	0	0	0	0	59,220	
TOTAL	0	0	65,520	0	0	0	0	65,520	
*419 RUBBERIZED GRADE RRRNG-SINGER HILL AT 10TH STREET(OR CITY)-HES*****522*86018**0*****									FAU9607
PE	0	3,800	0	0	0	0	0	3,800	
CONST	0	32,200	0	0	0	0	0	32,200	
TOTAL	0	36,000	0	0	0	0	0	36,000	
*420 OATFIELD ROAD AT JENNINGS AVENUE-HES*****522*78116**01182*****									FAU9665
PE	25,839	0	0	0	0	0	0	25,839	
R/W	45,000	1,800	0	0	0	0	0	46,800	
CONST	0	316,800	0	0	0	0	0	316,800	
TOTAL	70,839	318,600	0	0	0	0	0	389,439	
*421 OR99W-PACIFIC WEST AT NORTH PORTLAND BLVD-HES*****522*85027**00000*****									FAP9
PE	19,170	0	0	0	0	0	0	19,170	
CONST	0	0	0	0	180,000	0	0	180,000	
TOTAL	19,170	0	0	0	180,000	0	0	199,170	
*422 SIGNALS-OSWEGO HWY AT 6TH ST AND AT 5TH ST-OREGON CITY/HES*****522*86003**04064*****									FAU9565
PE	0	11,250	0	0	0	0	0	11,250	
CONST	0	132,750	0	0	0	0	0	132,750	
TOTAL	0	144,000	0	0	0	0	0	144,000	

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FEDERAL AID INTERSTATE AND OTHER

TITLE II SAFETY PROGRAM  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

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*423 E STREET PEDESTRIAN UNDERPASS-PACIFIC AVE TO 23RD AVE-FOREST GRO*****522*86020**00000*****									FAU5020
CONST	0	68,040	0	0	0	0	0	68,040	
TOTAL	0	68,040	0	0	0	0	0	68,040	
*424 SIGNAL UPGRADE-LAKE ROAD AT CLACKAMAS HWY INTERCHANGE RAMPS-HES*****522*86022**00000*****									FAU9659
CONST	0	0	16,000	0	0	0	0	16,000	
TOTAL	0	0	16,000	0	0	0	0	16,000	
*425 PROTECTED LT PHASE-CASCADE HWY N AT SE FLAVEL ST-HES*****522*86023**00000*****									FAU9713
CONST	0	0	21,150	0	0	0	0	21,150	
TOTAL	0	0	21,150	0	0	0	0	21,150	
*426 REFLECTIVE CENTERLINE DELINEATORS-CLACKAMAS COUNTY AREA ROADS*****522*86024**00000*****									MISC
CONST	0	0	40,293	0	0	0	0	40,293	
TOTAL	0	0	40,293	0	0	0	0	40,293	
*427 US26-MT HOOD HWY AT RENE AVENUE SIGNAL-HES*****522* 0** 0*****									FAP24
CONST	0	0	90,000	0	0	0	0	90,000	
TOTAL	0	0	90,000	0	0	0	0	90,000	
*428 OR43-OSWEGO HWY AT PIMLICO DR INTERSECTION IMPROVEMENTS-HES*****522* 0** 0*****									FAU9565
CONST	0	0	0	0	180,000	0	0	180,000	
TOTAL	0	0	0	0	180,000	0	0	180,000	
*429 8TH/9TH/DIVISION PLACE RAILROAD GATES-RRP*****522*86042**03386*****									FAU9800
CONST	0	0	430,200	0	0	0	0	430,200	
TOTAL	0	0	430,200	0	0	0	0	430,200	

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FISCAL YEARS 1987 TO POST 1990

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IN FEDERAL DOLLARS

FEDERAL AID INTERSTATE AND OTHER

TITLE II SAFETY PROGRAM  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988

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\*430 SCHOLLS FERRY ROAD/HALL BOULEVARD INTERSECTION\*\*\*\*\*829\*85010\*\*01536\*\*\*\*\*  
CONST 0 290,000 0 0 0 0 0 290,000  
TOTAL 0 290,000 0 0 0 0 0 290,000

FA#9234

TOTAL TITLE II SAFETY PROGRAM

PE 188,199 30,350 17,100 0 0 0 0 235,649  
R/W 45,000 73,800 0 0 0 0 0 118,800  
CONST 1,320,872 1,645,657 1,556,863 297,000 1,256,400 138,600 0 6,235,392  
TOTAL 1,554,071 1,769,807 1,573,963 297,000 1,256,400 138,600 0 6,589,841

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PORTLAND URBANIZED AREA

FEDERAL AID INTERSTATE AND OTHER

BICYCLE TRANSPORTATION AND PEDESTRIAN WALKWAYS

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
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*431 BEAVERTON/TUALATIN BIKEWAY-SW MCDONALD ST TO SW DURHAM RD-ST*****384*	**	*****						FAU9091
CONST	0	0	240,000	0	0	0	0	240,000
TOTAL	0	0	240,000	0	0	0	0	240,000
*432 BEAVERTON/TUALATIN BIKEWAY-SAGGERT ST TO TUALATIN/SHERWOOD RD-ST*****384*	**	*****						FAU9091
CONST	0	0	30,000	0	0	0	0	30,000
TOTAL	0	0	30,000	0	0	0	0	30,000
*433 RIVER ROAD BIKEWAY-GLEN ECHO AVE TO GLADSTONE CL-ST*****384*	**	*****						FAU9671
CONST	0	0	20,000	0	0	0	0	20,000
TOTAL	0	0	20,000	0	0	0	0	20,000
*434 BEAVERTON/TUALATIN BIKEWAY-OLESON/GREENBURG RD TO LOCUST ST-ST*****384*	**	*****						FAU9091
CONST	0	0	0	60,000	0	0	0	60,000
TOTAL	0	0	0	60,000	0	0	0	60,000
*435 BEAVERTON/TUALATIN BIKEWAY-DURHAM RD TO LOWER BOONES FERRY RD-ST*****384*	**	*****						FAU9091
CONST	0	0	0	170,000	0	0	0	170,000
TOTAL	0	0	0	170,000	0	0	0	170,000
*436 CEDAR HILLS BLVD BIKEWAY-HUNTINGTON AVE TO PARKWAY-ST*****384*	**	*****						FAU9097
CONST	0	0	0	130,000	0	0	0	130,000
TOTAL	0	0	0	130,000	0	0	0	130,000
*437 BEAVERTON/TUALATIN BIKEWAY-HALL BLVD TO UPPER BOONES FERRY RD-ST*****384*	**	*****						FAU9091
CONST	0	0	0	0	250,000	0	0	250,000
TOTAL	0	0	0	0	250,000	0	0	250,000

ANNUAL ELEMENT YEAR

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

FEDERAL AID INTERSTATE AND OTHER

BICYCLE TRANSPORTATION AND PEDESTRIAN WALKWAYS  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988

1989

1990

POST 1990

AUTHORIZED

FA#

*438 BH HWY-CAPITOL HWY TO TERWILLIGER BLVD BIKEWAY-BIKE*****388*10162**00009*****	FAU9228
PE 0 11,000 0 0 0 0 0 11,000	
CONST 0 194,000 0 0 0 0 0 194,000	
TOTAL 0 205,000 0 0 0 0 0 205,000	

*439 BVTN HILLSDALE HWY-SCHOLLS FY RD TO 65TH BIKEWAY-BIKE*****406*10166**00608*****	FAU9228
PE 11,000 6,000 0 0 0 0 0 17,000	
R/W 0 66,000 0 0 0 0 0 66,000	
CONST 0 50,000 0 0 0 0 0 50,000	
TOTAL 11,000 122,000 0 0 0 0 0 133,000	

TOTAL BICYCLE TRANSPORTATION AND PEDESTRIAN WALKWAYS

PE 11,000 17,000 0 0 0 0 0 28,000	
R/W 0 66,000 0 0 0 0 0 66,000	
CONST 0 244,000 290,000 360,000 250,000 0 0 1,144,000	
TOTAL 11,000 327,000 290,000 360,000 250,000 0 0 1,238,000	

TOTAL FEDERAL AID INTERSTATE AND OTHER

PE 8,312,727 1,844,229 220,849 0 0 0 38,724 10,416,529	
R/W 17,942,972 4,274,478 0 432,400 2,632,000 0 3,723,648 29,005,498	
CONST 16,101,525 41,833,286 27,447,863 46,261,920 80,604,120 111,640,640 97,483,260 421,372,614	
RESRV 0 0 0 100,000 100,000 1,884,051 6,058,000 8,142,051	
TOTAL 42,357,224 47,951,993 27,668,712 46,794,320 83,336,120 113,524,691 107,303,632 468,936,692	

**ANNUAL ELEMENT YEAR**

FEDERAL-AID URBAN PROGRAM

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

FEDERAL AID URBAN SYSTEM

CITY OF PORTLAND FEDERAL AID URBAN SYSTEM

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR

OBLIGATED

1986

1987

1988

1989

1990

POST 1993

**AUTHORIZED**

FA#

*****0000*****										00:00
*440 FINAL VOUCHERED PROJECTS*****										
PE	804,944	-1	0	0	0	0	0	0	804,943	
R/W	35,592	0	0	0	0	0	0	0	35,592	
CONST	4,562,911	0	0	0	0	0	0	0	4,562,911	
OPRTG	217,108	0	0	0	0	0	0	0	217,108	
TOTAL	5,620,555	-1	0	0	0	0	0	0	5,620,554	FINAL

*441 BANFIELD HOV LANES - FAU TO FAUE(SEE FAP)	*****8*00000**00000*****114*****44*****						FAP68
CONST	459,510	0	0	0	0	0	459,510
TOTAL	459,510	0	0	0	0	0	459,510

*442 N COLUMBIA BLVD-0.25 MI W OF TERMINAL RD TO W OSWEGO AVE*****9*75019**X00000*****	FAU9956
PE           191.766         0           0           0           0           0           0           191.766	
TOTAL       191.766         0           0           0           0           0           0           191.766	

```
*****  
#443 SUNSET TRANSIT STUDY-FAU TO FAUE*****12X12 *****00000*****1XXXXXXXXXXXXXXX1XXXXXXXXXXXX  
PE          115,617      0              0              0              0              0             115,617  
TOTAL       115,617      0              0              0              0              0             115,617
```

\*444 BANFIELD TRANSIT STUDY - FAU TO FAUE\*\*\*\*\*14\*00000\*\*00000\*\*\*\*\*XXXXXXXXXXXXXXXXXXXXX\*\*\*\*\*FA269

PE	195,381	0	0	0	0	0	195,381
TOTAL	195,381	0	0	0	0	0	195,381

[illegible][illegible]

## ANNUAL ELEMENT YEAR

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

FEDERAL AID URBAN SYSTEM

CITY OF PORTLAND FEDERAL AID URBAN SYSTEM  
(CONTINUED)

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

1986

1987

1988

1989

1990

POST 1990

AUTHORIZED

FA#

*447 GRAND AVE(OR99E)-HARRISON TO CLAY-FAU TO FAUE(SEE FAP)*****35*00000**00000*****										FAP26
CONST	195,400	0	0	0	0	0	0	0	195,400	
TOTAL	195,400	0	0	0	0	0	0	0	195,400	

*448 GRAND AVENUE(OR99E)-HOLLADAY TO BROADWAY*****37*00000**00000*****										FAU9809
CONST	197,734	0	0	0	0	0	0	0	197,734	
TOTAL	197,734	0	0	0	0	0	0	0	197,734	

*449 SE HOLGATE BLVD-SE 17TH AVE TO SE 28TH AVE-BRIDGE AND APPROACHES*****42*76002**00000*****										FAU9793
PE	147,732	0	0	0	0	0	0	0	147,732	
R/W	407,406	0	0	0	0	0	0	0	407,406	
TOTAL	555,138	0	0	0	0	0	0	0	555,138	

*450 ARTERIAL STREET 3R PROGRAM*****43*10050**01568*****										MISC
PE	8,109	0	0	0	0	0	0	0	8,109	
RESRV	0	646,872	0	0	0	0	0	0	646,872	
TOTAL	8,109	646,872	0	0	0	0	0	0	654,981	

*451 CITY OF PORTLAND FAU CONTINGENCY*****44*00000**00000*****										N/A
RESRV	0	0	1,634,050	1,634,050	1,634,050	1,634,050	0	0	6,536,200	
TOTAL	0	0	1,634,050	1,634,050	1,634,050	1,634,050	0	0	6,536,200	

*452 BUS PURCHASE - FAU TO UMTA TRANSFER*****98*00000**00000*****										N/A
CAP	131,555	0	0	0	0	0	0	0	131,555	
TOTAL	131,555	0	0	0	0	0	0	0	131,555	

*453 BUS SUBSTATION - FAU TO UMTA TRANSFER*****99*00000**00000*****										N/A
CONST	1,156,083	0	0	0	0	0	0	0	1,156,083	
TOTAL	1,156,083	0	0	0	0	0	0	0	1,156,083	

  
ANNUAL ELEMENT YEAR

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

PORTLAND URBANIZED AREA

IN FEDERAL DOLLARS

FEDERAL AID URBAN SYSTEM

CITY OF PORTLAND FEDERAL AID URBAN SYSTEM  
(CONTINUED)

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

1986

1987

1988

1989

1990

POST 1970

**AUTHORIZED**

FA:4

*454 NW CORNELL RD RETAINING WALLS-NW 29TH/600FT W OF NW 30TH*****105*84104**02702*****						
PE	17,982	20,000	0	0	0	37,982
CONST	256,961	192,361	0	0	0	449,322
TOTAL	274,943	212,361	0	0	0	487,304

FAIJG22

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*****455 SW BROADWAY-SW 4TH TO SW 6TH*****200*10092**00582*****455 SW BROADWAY-SW 4TH TO SW 6TH*****
CONST      404,500          0          0          0          0          0          0          404,500
TOTAL      404,500          0          0          0          0          0          0          404,500
```

FAJ9318

*****575*10018**0240X*****							
PE	61,500	0	0	0	0	0	61,500
R/W	0	222,540	0	0	0	0	222,540
CONST	0	54,349	0	0	0	0	54,349
TOTAL	61,500	276,889	0	0	0	0	338,389

MISC

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*****
#457 CITYWIDE SIGNAL SYSTEMS ANALYSIS*****660*80042**00620*****
PE          72,218      0      0      0      0      0      72,218
TOTAL       72,218      0      0      0      0      0      72,218
*****

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VARIOUS

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#458 NEW CBD TRAFFIC SIGNALS(5)*****841*84003**02363*****
CONST      11.548      61.500      0      0      0      0      73.048
TOTAL      11.548      61.500      0      0      0      0      73.048

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MISC

TOTAL CITY OF PORTLAND FEDERAL AID URBAN SYSTEM

PE	2,318,532	20,000	0	0	0	0	0	2,338,532
R/W	442,998	222,540	0	0	0	0	0	665,538
CONST	7,244,647	308,210	0	0	0	0	0	7,552,857
CAP	131,555	0	0	0	0	0	0	131,555
OPRTG	217,108	0	0	0	0	0	0	217,108
RESRV	0	646,872	1,634,050	1,634,050	1,634,050	1,634,050	0	7,183,072
TOTAL	10,354,840	1,197,622	1,634,050	1,634,050	1,634,050	1,634,050	0	18,088,662

# ANNUAL ELEMENT YEAR

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

FEDERAL AID URBAN SYSTEM

MULTNOMAH COUNTY FEDERAL AID URBAN SYSTEM

PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED 1986 1987 1988

1989

1990

POST 1990

AUTHORIZED

FA#

*459 FINAL VOUCHERED PROJECTS*****0000*****								00300
PE	91,437	0	0	0	0	0	91,437	
CONST	917,181	0	0	0	0	0	917,181	
TOTAL	1,008,618	0	0	0	0	0	1,008,618	FINAL

*460 SE BURNSIDE STREET-SE STARK ST TO BULL RUN RD(1ST ST)*****56*76034**00000*****								FAU9822
PE	224,564	0	0	0	0	0	224,564	
R/W	9,201	0	0	0	0	0	9,201	
RESRV	0	169,000	0	0	0	0	169,000	
TOTAL	233,765	169,000	0	0	0	0	402,765	

TOTAL MULTNOMAH COUNTY FEDERAL AID URBAN SYSTEM

PE	316,001	0	0	0	0	0	316,001	
R/W	9,201	0	0	0	0	0	9,201	
CONST	917,181	0	0	0	0	0	917,181	
RESRV	0	169,000	0	0	0	0	169,000	
TOTAL	1,242,383	169,000	0	0	0	0	1,411,383	

ANNUAL ELEMENT YEAR



METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

PORTLAND UNBURNED AREA

IN FEDERAL DOLLARS

FEDERAL AID URBAN SYSTEM

CLACKAMAS COUNTY FEDERAL AID URBAN SYSTEM

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

1986

1987

1988

1989

1990

POST 1990

**AUTHORIZED**

**Fast**

*461 FINAL VOUCHERED PROJECTS*****
PE           248,064          1          0          0          0          0          0          248,065
R/W         74,366          0          0          0          0          0          0          74,366
CONST      2,449,968       -1          0          0          0          0          0       2,449,967
TOTAL      2,772,398          0          0          0          0          0          0       2,772,398

00300

[illegible]

FAU 9473

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#463 SUNNYSIDE ROAD-STEVEN'S ROAD TO 122ND UNIT I*****77*77147**00127*****
PE      73.616      0      0      0      0      0      0      73.616
TOTAL  73.616      0      0      0      0      0      0      73.616

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FAUJ9718

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*****
#464 HARMONY ROAD-LAKE ROAD TO 82ND DRIVE*****79*77148**00468*****
PE          36,992          0          0          0          0          0          36,992
TOTAL      36,992          0          0          0          0          0          36,992
*****

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FAJ9702

TOTAL CLACKAMAS COUNTY FEDERAL AID URBAN SYSTEM

PE	519,371	1	0	0	0	0	519,372
R/W	74,366	0	0	0	0	0	74,366
CONST	3,012,139	709,309	0	0	0	0	3,721,448
RESRV	0	385,899	0	0	0	0	385,899
TOTAL	3,605,876	1,095,209	0	0	0	0	4,701,085

# ANNUAL ELEMENT YEAR

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

FEDERAL AID URBAN SYSTEM

WASHINGTON COUNTY FEDERAL AID URBAN SYSTEM

**PROJECT DESCRIPTION**

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

1986

1987

1988

1989

1990

POST 1990

AUTHORIZED

FA#

*465 FINAL VOUCHERED PROJECTS*****0000*****									00000
PE 194,970	1	0	0	0	0	0	0	194,971	
R/W 186,878	0	0	0	0	0	0	0	186,878	
CONST 975,404	0	0	0	0	0	0	0	975,404	
TOTAL 1,357,252	0	0	0	0	0	0	0	1,357,252	FINAL
*466 SW NYBERG ROAD-SW 89TH AVE TO I5-UNIT #2*****84*77139**00000*****									FAU9282
PE 224,305	0	0	0	0	0	0	0	224,305	
TOTAL 224,305	0	0	0	0	0	0	0	224,305	
*467 NW 185TH-WALKER ROAD TO SUNSET HIGHWAY-PHASE I*****92*77076**01695*****									FAU9043
PE 95,360	0	0	0	0	0	0	0	95,360	
TOTAL 95,360	0	0	0	0	0	0	0	95,360	
*468 ALLEN BLVD RECONSTRUCTION-MURRAY BLVD TO HWY217*****93*80085**00306*****									FAU9088
PE 207,527	0	0	0	0	0	0	0	207,527	
RESRV 0	105,000	0	0	0	0	0	0	105,000	
TOTAL 207,527	105,000	0	0	0	0	0	0	312,527	
*469 SW BARNES ROAD-HIGHWAY 217 TO SW 84TH-PHASE I*****95*77070**00469*****									FAU9326
PE 205,773	0	0	0	0	0	0	0	205,773	
TOTAL 205,773	0	0	0	0	0	0	0	205,773	
*470 SW JENKINS/158TH-MURRAY BLVD TO SUNSET HIGHWAY*****97*77046**00850*****									FAU9030
PE 110,742	0	0	0	0	0	0	0	110,742	
TOTAL 110,742	0	0	0	0	0	0	0	110,742	
TOTAL WASHINGTON COUNTY FEDERAL AID URBAN SYSTEM									
PE 1,038,677	1	0	0	0	0	0	0	1,038,678	
R/W 186,878	0	0	0	0	0	0	0	186,878	
CONST 975,404	0	0	0	0	0	0	0	975,404	
RESRV 0	105,000	0	0	0	0	0	0	105,000	
TOTAL 2,200,959	105,000	0	0	0	0	0	0	2,305,959	

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

FEDERAL AID URBAN SYSTEM

TRI-MET FEDERAL AID URBAN SYSTEM

**PROJECT DESCRIPTION**

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR  
OBLIGATED

1986

1987

1988

1989

1990

POST 1990

AUTHORIZED

FA#

*471 FINAL VOUCHERED PROJECTS*****0000*****									0000
TOTAL	0	0	0	0	0	0	0	0	FINAL

*472 BUS PURCHASE - FAU TO UMTA TRANSFER*****98*00000**00000*****									N/A
CAP	126,395	0	0	0	0	0	0	126,395	
TOTAL	126,395	0	0	0	0	0	0	126,395	

*473 BUS SUBSTATION - FAU TO UMTA TRANSFER*****99*00000**00000*****									N/A
CONST	1,110,747	0	0	0	0	0	0	1,110,747	
TOTAL	1,110,747	0	0	0	0	0	0	1,110,747	

*474 TRI-MET RIDESHARE PROGRAM*****102*80043**00000*****									N/A
OPRTG	681,184	135,021	0	0	0	0	0	816,205	
TOTAL	681,184	135,021	0	0	0	0	0	816,205	

**TOTAL TRI-MET FEDERAL AID URBAN SYSTEM**

CONST	1,110,747	0	0	0	0	0	0	1,110,747	
CAP	126,395	0	0	0	0	0	0	126,395	
OPRTG	681,184	135,021	0	0	0	0	0	816,205	
TOTAL	1,918,326	135,021	0	0	0	0	0	2,053,347	

**ANNUAL ELEMENT YEAR**

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

PORTLAND URBANIZED AREA

FEDERAL AID URBAN SYSTEM

HIGHWAY DIVISION FEDERAL AID URBAN SYSTEM

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR

ESTIMATED  
OBLIGATED

1986

1987

1988

1989

1970

PGSR 1990

**AUTHORIZED**

FA#

[illegible]

PE	103,479	-1	0	0	0	0	0	103,478
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R/W	94,226	0	0	0	0	0	0	94,226
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CONST	812,390	0	0	0	0	0	0	812,390
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TOTAL	1,010,095	0	0	0	0	0	0	1,010,095
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**FINAL**

\*476 OSWEGO CREEK BRIDGE(OR43)-BRIDGE REPLACEMENT AND NEW BIKEWAY\*\*\*\*\*103\*76\*85\*\*00000\*\*\*\*\*

PE	123,999	0	0	0	0	0	0	123,999
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TOTAL	123,999	0	0	0	0	0	0	123,999
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FAU9565

## TOTAL HIGHWAY DIVISION FEDERAL AID URBAN SYSTEM

PE	227,478	-1	0	0	0	0	0	227,477
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R/W	94,226	0	0	0	0	0	0	94,226
-----	--------	---	---	---	---	---	---	--------

CONST	812,390	0	0	0	0	0	0	812,390
-------	---------	---	---	---	---	---	---	---------

TOTAL	1,134,094	0	0	0	0	0	0	1,134,094
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**ANNUAL EVENT VEA**

METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 1987 TO POST 1990

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

PORTLAND URBANIZED AREA

FEDERAL AID URBAN SYSTEM

CITY OF FOREST GROVE FEDERAL AID URBAN SYSTEM

## PROJECT DESCRIPTION

ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR			
OBLIGATED	1986	1987	1

1986

1987

1988

1989

1990

POST 1993

**AUTHORIZED**

FA-4.

#477 FOREST GROVE FEDERAL AID URBAN RESERVE\*\*\*\*\*570\*

XX

MISC

CONST		RESRV		TOTAL	
307,855	0	0	0	0	0
0	273,287	0	0	0	0
307,855	273,287	0	0	0	0

TOTAL CITY OF FOREST GROVE FEDERAL AID URBAN SYSTEM

CONST	307,855	0	0	0	0	0	0	307,855
RESRV	0	273,287	0	0	0	0	0	273,287
TOTAL	307,855	273,287	0	0	0	0	0	581,142

**ANNUAL ELEMENT YEAR**

**METROPOLITAN SERVICE DISTRICT  
TRANSPORTATION IMPROVEMENT PROGRAM**

FISCAL YEARS 1987 TO POST 1990

PORTLAND URBANIZED AREA

EFFECTIVE OCTOBER 1, 1986

IN FEDERAL DOLLARS

FEDERAL AID URBAN SYSTEM

METRO REGIONAL RESERVE FEDERAL AID URBAN SYSTEM

**PROJECT DESCRIPTION**

**ESTIMATED EXPENDITURES BY FEDERAL FISCAL YEAR**  
OBLIGATED

1986

1987

1988

1989

1990

POST 1990

AUTHORIZED

FA#

*478 FINAL VOUCHERED PROJECTS*****0000*****11									00000
PE	164,478	0	0	0	0	0	0	164,478	
R/W	318,162	0	0	0	0	0	0	318,162	
CONST	706,165	0	0	0	0	0	0	706,165	
TOTAL	1,188,805	0	0	0	0	0	0	1,188,805	FINAL

*479 BANFIELD HOV LANES - FAU TO FAUE(SEE FAP)*****8*00000*****11									FAP68
CONST	441,490	0	0	0	0	0	0	441,490	
TOTAL	441,490	0	0	0	0	0	0	441,490	

*480 SUNSET TRANSIT STUDY-FAU TO FAUE*****12*12 **00000*****11									FAP27
PE	111,083	0	0	0	0	0	0	111,083	
TOTAL	111,083	0	0	0	0	0	0	111,083	

*481 BANFIELD TRANSIT STUDY - FAU TO FAUE*****14*00000*****11									FAP68
PE	187,719	0	0	0	0	0	0	187,719	
TOTAL	187,719	0	0	0	0	0	0	187,719	

*482 REGIONAL FAU AND FAU REPLACEMENT CONTINGENCY*****114* 0**00000*****11									N/A
RESRV	0	-102,468	2,310,072	2,310,072	2,310,072	2,310,072	0	9,137,820	
TOTAL	0	-102,468	2,310,072	2,310,072	2,310,072	2,310,072	0	9,137,820	

**TOTAL METRO REGIONAL RESERVE FEDERAL AID URBAN SYSTEM**

PE	463,280	0	0	0	0	0	0	463,280	
R/W	318,162	0	0	0	0	0	0	318,162	
CONST	1,147,655	0	0	0	0	0	0	1,147,655	
RESRV	0	-102,468	2,310,072	2,310,072	2,310,072	2,310,072	0	9,137,820	
TOTAL	1,929,097	-102,468	2,310,072	2,310,072	2,310,072	2,310,072	0	11,066,917	

**TOTAL FEDERAL AID URBAN SYSTEM**

PE	4,883,339	20,001	0	0	0	0	0	4,903,340	
R/W	1,125,831	222,540	0	0	0	0	0	1,348,371	
CONST	15,528,018	1,017,519	0	0	0	0	0	16,545,537	
CAP	257,950	0	0	0	0	0	0	257,950	
DPRTG	878,272	133,021	0	0	0	0	0	1,011,293	
RESRV	0	1,477,590	3,944,122	3,944,122	3,944,122	3,944,122	0	17,254,078	
TOTA	22,693,430	2,872,671	3,944,122	3,944,122	3,944,122	3,944,122	0	41,342,589	

**ANNUAL FISCAL YEAR**

EXCERPTS FROM

OREGON ROADS FINANCE STUDY NEEDS ASSESSMENT

## **SECTION III.     NEEDS COSTS**

20-year statewide highway needs have been defined for:

- state highway and bridge facilities
- county roads and bridges
- city streets

Costs have been stratified:

- by categories of work -- Operations and Maintenance, Preservation, Construction
- by urban/rural areas
- by year between now and 2005
- with and without inflation



Total Highway Needs - 1986 to 2005

**SYSTEM ROADWAY AND BRIDGE REQUIREMENTS**  
**(1985 Dollars in Millions)**

WORK CATEGORY/COMPONENT	STATE	COUNTY	CITY	TOTAL
Operations & Maintenance	1,734.9	1,918.5	1,264.4	4,917.8
Repair & Preservation				
Roadway	2,976.1	3,101.1	1,536.9	7,614.1
Bridge	376.0	108.4	19.7	504.1
Construction Improvement				
Roadway	2,256.0	2,725.8	623.4	5,605.2
Bridge	428.2	233.4	33.3	694.9
TOTAL NEEDS	7,771.2	8,087.2	3,477.7	19,336.1

# ROADWAY SYSTEM REPAIR AND PRESERVATION REQUIREMENTS

(1985 \$)

	<u>State Roadways</u>	<u>County Roadways</u>	<u>City Roadways</u>	<u>Total Roadways</u>
<b>RURAL:</b>				
Interstate	\$ 589,869	\$ -	\$ -	\$ 589,869
Principal Arterial	749,127	-	-	749,127
Minor Arterial	754,310	181,623	19,823	955,756
Major Collector	414,346	1,340,680	24,397	1,779,423
Minor Collector	10,605	501,407	3,910	515,922
Local Road	<u>          </u>	<u>555,785</u>	<u>146,753</u>	<u>702,538</u>
<b>TOTAL RURAL</b>	<u>2,518,257</u>	<u>2,579,495</u>	<u>194,883</u>	<u>5,292,635</u>
<b>URBAN:</b>				
Interstate	74,103	-	-	74,103
Expressway	39,727	-	1,661	41,388
Principal Arterial	313,688	21,679	73,813	409,180
Minor Arterial	29,395	103,079	158,541	291,015
Collector	958	220,803	333,958	555,719
Local Street	<u>          </u>	<u>176,057</u>	<u>774,009</u>	<u>950,066</u>
<b>TOTAL URBAN</b>	<u>457,871</u>	<u>521,618</u>	<u>1,341,982</u>	<u>2,321,471</u>
<b>TOTAL</b>	<u>\$2,976,128</u>	<u>\$3,101,113</u>	<u>\$1,536,865</u>	<u>\$7,614,106</u>

Urban/Rural Preservation Needs - 1986 to 2005

ROADWAY SYSTEM CONSTRUCTION AND IMPROVEMENT REQUIREMENTS

(1985 \$)

	<u>State Roadways</u>	<u>County Roadways</u>	<u>City Roadways</u>	<u>Total Roadways</u>
<b>RURAL:</b>				
Interstate	\$ 224,983	\$ -	\$ -	\$ 224,983
Principal Arterial	1,159,894	-	-	1,159,894
Minor Arterial	296,261	56,260	126,900	479,421
Major Collector	54,671	563,733	66,029	684,433
Minor Collector	2,877	423,718	640	427,235
Local Road - paved	-	119,766	19,174	138,940
Local Road - unpaved	<u>-</u>	<u>1,267,301</u>	<u>31,114</u>	<u>1,298,415</u>
<b>TOTAL RURAL</b>	<u>1,738,686</u>	<u>2,430,778</u>	<u>243,857</u>	<u>4,413,321</u>
<b>URBAN:</b>				
Interstate	269,222	-	-	269,222
Expressway	32,500	-	-	32,500
Principal Arterial	164,721	5,959	124,412	295,092
Minor Arterial	48,155	162,446	86,597	297,198
Collector	2,752	57,013	51,844	111,609
Local Street - paved	-	-	18,428	18,428
Local Street - unpaved	<u>-</u>	<u>69,651</u>	<u>98,225</u>	<u>167,876</u>
<b>TOTAL URBAN</b>	<u>517,350</u>	<u>295,069</u>	<u>379,506</u>	<u>1,191,925</u>
<b>TOTAL</b>	<u>\$2,256,036</u>	<u>\$2,725,847</u>	<u>\$ 623,363</u>	<u>\$5,605,246</u>

Urban/Rural Construction Needs - 1986 to 2005

BRIDGE SYSTEM REQUIREMENTS

1986 - 2005  
(1985 Dollars in Thousands)

ROAD CLASS	CATEGORY 2 REPAIR AND PRESERVATION	CATEGORY 3 CONSTRUCTION IMPROVEMENT	TOTAL
<b>RURAL:</b>			
Interstate	\$ 71,602	\$ 80,937	\$ 152,539
Principal Arterial	72,641	90,320	162,961
Minor Arterial	55,331	84,186	139,517
Major Collector	47,777	88,332	136,059
Minor Collector	36,610	102,614	139,224
Local Road	6,100	20,539	26,639
<b>TOTAL RURAL</b>	<b>290,011</b>	<b>466,928</b>	<b>756,939</b>
<b>URBAN:</b>			
Interstate	99,319	96,079	195,398
Expressway	54,812	57,072	111,884
Principal ARterial	38,412	40,721	79,133
Minor Arterial	5,951	9,824	15,775
Collector	11,400	19,060	30,460
Local Street	4,194	5,286	9,480
<b>TOTAL URBAN</b>	<b>\$214,088</b>	<b>\$228,042</b>	<b>\$ 442,130</b>
<b>TOTAL</b>	<b>\$504,099</b>	<b>\$694,970</b>	<b>\$1,199,069</b>

\* Does not include Operations and Maintenance

Urban/Rural Bridge Needs - 1986 to 2005

**TOTAL ROAD SYSTEM REQUIREMENTS  
BY FIVE-YEAR PERIOD**

(1985 Dollars in Thousands)

JURISDICTION/WORK CATEGORY	BACKLOG	1987-1990	1991-1995	1996-2000	2001-2005	TOTAL
<b>STATE HIGHWAYS</b>						
Operations & Maintenance	NA	365,244	456,555	456,555	456,555	1,734,909
Repair & Preservation						
Roadway	906,894	341,858	1,120,170	564,846	42,360	2,976,128
Bridge	56,406	150,415	75,210	47,005	47,004	376,040
Construction Improvement						
Roadway	1,109,773	505,458	432,507	143,597	64,701	2,256,036
Bridge	64,237	171,295	85,646	53,530	53,529	428,237
<b>TOTAL STATE</b>	<b>2,137,310</b>	<b>1,534,270</b>	<b>2,170,088</b>	<b>1,265,533</b>	<b>664,149</b>	<b>7,771,350</b>
<b>COUNTY ROADS</b>						
Operations & Maintenance	NA	403,896	504,870	504,870	504,870	1,918,506
Repair & Preservation						
Roadway	902,424	505,481	899,323	614,020	179,865	3,101,113
Bridge	16,254	32,507	27,087	16,254	16,254	108,356
Construction Improvement						
Roadway	2,306,067	38,162	171,728	128,115	81,775	2,725,847
Bridge	35,005	70,018	58,346	35,010	35,010	233,389
<b>TOTAL COUNTY</b>	<b>3,259,750</b>	<b>1,050,064</b>	<b>1,661,354</b>	<b>1,298,269</b>	<b>817,774</b>	<b>8,087,211</b>
<b>CITY STREETS</b>						
Operations & Maintenance	NA	266,192	332,740	332,740	332,740	1,264,412
Repair & Preservation						
Roadway	793,380	93,201	301,697	250,050	98,537	1,536,865
Bridge	2,957	6,895	4,925	2,955	1,971	19,703
Construction Improvement						
Roadway	303,906	76,775	145,104	60,566	37,012	623,363
Bridge	5,004	11,670	8,336	4,999	3,335	33,344
<b>TOTAL CITY</b>	<b>1,105,247</b>	<b>454,733</b>	<b>792,802</b>	<b>651,310</b>	<b>473,595</b>	<b>3,477,687</b>
<b>TOTAL NEEDS</b>	<b>6,502,307</b>	<b>3,039,067</b>	<b>4,624,234</b>	<b>3,215,112</b>	<b>1,955,528</b>	<b>19,336,248</b>

# INFLATION EFFECT ON 19-YEAR NEEDS

## BY JURISDICTION (DOLLARS IN MILLIONS)

	STATE	COUNTY	CITY	TOTAL
<b>1986 NEEDS:</b>				
Operations and Maintenance	\$ 1,735	1,919	1,264	4,918
Repair and Preservation	2,976	3,101	1,537	7,614
New Construction	2,256	2,726	623	5,605
Bridges	804	342	53	1,199
	<u>7,771</u>	<u>8,088</u>	<u>3,477</u>	<u>19,336</u>
<b>INFLATION:</b>				
Operations and Maintenance	1,365	1,511	996	3,872
Repair and Preservation	2,598	2,858	1,574	7,030
New Construction	2,123	3,240	661	6,024
Bridges	553	272	38	863
	<u>6,639</u>	<u>7,881</u>	<u>3,269</u>	<u>17,789</u>
<b>NINETEEN-YEAR NEEDS</b>				
Operations and Maintenance	3,100	3,430	2,260	8,790
Repair and Preservation	5,574	5,959	3,111	14,644
New Construction	4,379	5,966	1,284	11,629
Bridges	1,357	614	91	2,062
	<u>14,410</u>	<u>15,969</u>	<u>6,746</u>	<u>37,125</u>
	=====	=====	=====	=====

## **SECTION VII. UNFUNDED NEED**

Expected revenues for the period 1986 to 2005 have been estimated to compare to needs and determine the degree of shortfall. Revenues account for future federal highway funds, other federal funds including forest receipts, state highway funds and local revenues.

**OREGON ROADS FINANCE STUDY**  
**UNFUNDED NEEDS ANALYSIS 1987 TO 2005**

**INCLUDES INFLATION**  
**(Millions of Dollars)**

<u>Revenues</u>	<u>State</u>	<u>County</u>	<u>City</u>	<u>Total</u>
Federal Trust Fund	2,537	329	136	3,002
Other Federal	-	1,500	3	1,503
State	4,283	1,242	769	6,294
County	-	759	-	759
City	-	-	1,028	1,028
Total revenues	6,820	3,830	1,936	12,586
<b>Needs:</b>				
Operations and maintenance	3,100	3,430	2,260	8,790
Repair and preservation	5,574	5,959	3,111	14,644
New construction and expansion	4,379	5,966	1,284	11,629
Bridges	1,357	614	91	2,062
Total needs	14,410	15,969	6,746	37,125
Estimated unfunded needed	7,590	12,139	4,810	24,539
Percent Unfunded	53%	76%	71%	66%

This projection is prepared on the basis of information and assumptions set forth in the accompanying text and accompanying appendix and cannot be properly interpreted without reference to the underlying assumptions described therein. The projections are not intended to be used to solicit or obtain external financing for any roadway or bridge projects. It should be noted that the achievement of any financial projection is dependent upon the occurrence of future events which cannot be assured, as well as on the assumptions and estimation methods. Actual results, therefore, may differ from these projections, and others may arrive at conclusions different from those which are present in this report.



# INFLATED COSTS BY JURISDICTION, BY CLASS, BY NEEDS CATEGORY

## COMPARISON OF NEEDS TO REVENUES BY FUNCTIONAL CLASSIFICATION

JURISDICTION: STATE RURAL AND URBAN FOR NINETEEN YEARS ENDED: 2005		FUNCTIONAL CLASS DOLLARS IN \$000'S								
		INTERSTATE	FREE & EXP	PR ART OTH	MINOR ART	MAJ COLL.	MINOR COLL	COLLECTOR	LOCAL	TOTAL
NON-DEDICATED REVENUE		\$831,743	\$55,641	\$1,953,033	\$1,015,200	\$402,254	\$19,413	\$5,349	\$0	\$4,202,713
OPERATIONS AND MAINTENANCE		\$302,675	\$20,420	\$1,116,082	\$908,226	\$436,317	\$24,346	\$3,599	\$0	\$3,100,465
REMAIN. NON-DEDICATED REVENUE		\$529,068	\$27,221	\$836,151	\$27,054	(\$234,063)	(\$4,932)	\$1,749	\$0	\$1,182,248
FEDERAL DEDICATED REVENUE		\$1,276,000	\$14,736	\$610,026	\$473,259	\$150,596	\$918	\$3,425	\$0	\$2,537,760
NEEDS:										
REPAIR AND PRESERVATION		\$1,089,043	\$77,675	\$2,055,054	\$1,561,005	\$770,760	\$10,594	\$1,753	\$0	\$5,573,892
NEW CONSTRUCTION AND EXPANSION:		\$775,574	\$63,033	\$2,697,046	\$711,917	\$110,412	\$6,413	\$6,008	\$0	\$4,379,203
BRIDGES		\$576,152	\$104,451	\$343,010	\$169,951	\$30,794	\$19,779	\$23,573	\$0	\$1,356,509
CATEGORY 2 & 3 NEEDS		\$2,440,769	\$325,959	\$5,095,910	\$2,442,073	\$927,975	\$44,706	\$31,334	\$0	\$11,309,605
DIFFERENCE		(\$635,701)	(\$204,001)	(\$3,648,934)	(\$1,942,560)	(\$1,003,441)	(\$40,000)	(\$26,159)	\$0	(\$7,589,597)

←Insufficient \$  
for Preservation  
and Construction

JURISDICTION: COUNTY RURAL AND URBAN OR NINETEEN YEARS ENDED: 2005		FUNCTIONAL CLASS DOLLARS IN \$000'S								
		INTERSTATE	FREE & EXP	PR ART OTH	MINOR ART	MAJ COLL.	MINOR COLL	COLLECTOR	LOCAL	TOTAL
NON-DEDICATED REVENUE		\$0	\$2,513	\$21,268	\$245,269	\$1,191,642	\$631,904	\$92,363	\$1,315,540	\$3,500,579
OPERATIONS AND MAINTENANCE		\$0	\$0	\$13,221	\$207,395	\$1,090,465	\$791,797	\$154,008	\$1,093,045	\$3,430,011
REMAIN. NON-DEDICATED REVENUE		\$0	\$2,513	\$8,048	(\$42,126)	\$101,177	(\$159,813)	(\$61,725)	\$222,494	\$70,569
FEDERAL DEDICATED REVENUE		\$0	\$0	\$2,877	\$51,900	\$159,180	\$20,950	\$37,734	\$56,420	\$329,069
EDS:										
REPAIR AND PRESERVATION		\$0	\$0	\$50,082	\$562,545	\$2,570,728	\$944,909	\$453,563	\$1,377,292	\$5,959,119
NEW CONSTRUCTION AND EXPANSION:		\$0	\$0	\$13,010	\$460,653	\$1,214,646	\$942,490	\$122,254	\$3,212,935	\$5,965,997
BRIDGES		\$0	\$15,026	\$47,769	\$57,129	\$202,723	\$227,667	\$5,815	\$56,605	\$613,535
CATEGORY 2 & 3 NEEDS		\$0	\$15,026	\$110,861	\$1,000,327	\$3,908,090	\$2,115,075	\$501,632	\$4,646,832	\$12,530,651
DIFFERENCE		\$0	(\$13,313)	(\$99,936)	(\$1,070,553)	(\$3,727,740)	(\$2,253,930)	(\$405,622)	(\$4,367,910)	(\$12,139,013)
=====										

←Insufficient \$  
for Preservation  
and Construction

JURISDICTION: CITY RURAL AND URBAN OR NINETEEN YEARS ENDED: 2005		FUNCTIONAL CLASS DOLLARS IN \$000'S								
		INTERSTATE	FREE & EXP	PR ART OTH	MINOR ART	MAJ COLL.	MINOR COLL	COLLECTOR	LOCAL	TOTAL
NON-DEDICATED REVENUE		00	04,566	0170,605	0313,560	095,737	05,002	0310,066	0091,264	01,799,600
OPERATIONS AND MAINTENANCE		00	01,152	0166,536	0370,279	040,563	07,270	0372,412	01,293,303	02,259,597
REMAIN. NON-DEDICATED REVENUE		00	03,414	012,140	(044,711)	055,174	(02,260)	(061,547)	(0402,119)	(0459,909)
FEDERAL DEDICATED REVENUE		00	00	05,421	039,161	01,920	00	063,134	026,475	0136,111
EDS:										
REPAIR AND PRESERVATION		00	05,101	0145,092	0360,592	046,277	07,196	0677,933	01,060,201	03,111,351
NEW CONSTRUCTION AND EXPANSION:		00	00	0209,440	0364,275	0143,573	01,317	0120,514	0364,722	01,203,842
BRIDGES		00	06,003	036,277	014,576	0779	01,447	023,004	07,059	090,826
CATEGORY 2 & 3 NEEDS		00	012,064	0471,609	0747,443	0190,620	09,960	0821,451	02,232,062	04,406,019
DIFFERENCE		00	(00,650)	(0454,040)	(0772,993)	(0133,535)	(012,220)	(0019,064)	(02,600,507)	(04,009,017)

←Insufficient \$  
for Operations  
& Maintenance

←Insufficient \$  
for Preservation  
and Construction

## **SECTION IV. ROAD PERFORMANCE**

With inadequate resources to meet the needs on the highway system, road condition and level of traffic service deteriorate. This, in turn, increases the travel operating cost for the motorist and trucker.

## SECTION 4 - ROAD PERFORMANCE

This section focuses on one scenario:

- What would happen to road performance if current funding policy were continued into the future?

Impacts on: (1) backlogs, (2) vehicle operating costs, (3) pavement condition, and (4) traffic service are presented in this section.

### BACKLOGS

One way to measure performance or status of the road system is to study how roadway backlog needs change over time. If the backlog decreases, the system is improving. If it increases, the road system is getting worse. The analysis in this area indicates the following:

- Fund Base Case Needs as They Occur — If road needs were funded as they occur, backlogs obviously would be reduced dramatically to less than 5 percent of their current values in all jurisdictions. This example is given only to illustrate the impact on backlog. Funding needs as they occur is not practical considering the distribution of needs over time, funding constraints, the capacity of the construction industry to efficiently absorb peak investment, and negative localized inflationary impacts.

- Uniformly Fund Base Case Needs — If the needs were funded uniformly over the next 19 years, backlogs would be reduced in the short range (by 1990) and gradually increase to approximately their current values in the longer range (by 2000).
- Fund Under Status Quo — In general, under status quo funding, the backlog gradually will increase to more than two-and-one-half times its 1986 value by the year 2000. This is illustrated in Table 4.1. The numbers in this table indicate comparisons of real value and do not include inflation costs.

#### VEHICLE OPERATING COSTS

Vehicle operating costs represent more than 80 percent of the total road transport costs — 92 percent under status quo funding policy and 85 percent if base case needs were funded. If vehicle operating costs rise, it costs more to move goods and people in Oregon. Our findings on vehicle operating cost impacts indicate the following:

- Fund Base Case Needs — If the base case needs are funded, the unit cost of vehicle operations (cost per vehicle-mile) can be held near current values. The value will vary depending on the distribution of funding over time.

TABLE 4.1

GROWTH IN ROADWAY BACKLOG NEEDS UNDER STATUS QUO FUNDING  
(Millions of 1985 Dollars)

	1986	1990	1995	2000
STATE	\$2,016.7	\$2,448.3	\$ 3,906.3	\$ 5,457.2
COUNTY	3,208.5	3,606.4	5,711.1	7,690.8
CITY	1,097.3	961.2	1,707.4	2,894.7
TOTAL	\$6,322.5	\$7,015.9	\$11,324.8	\$16,042.7

→ Without sufficient resources, the cost to fund the backlog of inadequate facilities continuously grows.

- Fund Under Status Quo — If status quo funding were continued, the cost per mile of operating vehicles will increase over the base year (1986) by the percentages shown below:

<u>Year</u>	<u>Percent Increase in the Cost of Vehicle Operation</u>	
1990	5 to 7 percent	As the system deteriorates, oper- ating costs con- tinuously grow ↓
1995	19 to 21 percent	
2000	37 to 42 percent	
2005	50 to 70 percent	

The above are also real value comparisons and do not include inflation.

An analysis of the total cost of vehicle operation was performed for :  
(1) status quo funding policy and (2) a policy to fund the base case road needs. The results are shown in Table 4.2. They indicate the following:

- The total road transportation costs of the status quo funding policy would exceed those of a policy to fund base case road needs by \$25.6 billion over the 19-year period from 1987 to 2005.
- On the average \$5.00 in vehicle operating costs will be saved by road users for each additional dollar invested in roads to meet base case road needs.

TABLE 4.2

TOTAL ROAD COSTS  
(Billions of 1985 Dollars)

## ALTERNATE 1

ALTERNATE 1		TIME PERIOD				
<u>COST CATEGORY</u>		<u>1987- 1990</u>	<u>1991- 1995</u>	<u>1996- 2000</u>	<u>2000- 2005</u>	<u>19-YEAR TOTAL</u>
<u>FUND UNDER STATUS QUO</u>						
Vehicle Operation	As public funding is constrained, the share of costs for vehicle operation grows.	21.14	32.00	40.65	51.58 (93%)	145.37
Road Investment		<u>2.47</u>	<u>3.07</u>	<u>3.37</u>	<u>3.69</u> (7%)	<u>12.60</u>
Total Road Sector		23.61	35.07	44.02	55.27	157.97
<u>FUND BASE CASE ROAD NEEDS</u>						
Vehicle Operation		19.90	27.65	30.90	34.55 (87%)	113.00
Road Investment		<u>4.07</u>	<u>5.09</u>	<u>5.09</u>	<u>5.09</u> (13%)	<u>19.34</u>
TOTAL ROAD SECTOR		23.97	32.74	35.99	39.64	132.34

Total cost to the consumer is less if the highway system is adequately funded.

The following are various tables showing the number of miles of the road system that deteriorate into a substandard condition without sufficient resources.

The number of miles of roads with "poor" pavement condition grows from 3,920 miles in 1990 to 16,325 miles by 2005.

The number of miles of roads operating at a congested level of traffic service grows from 541 miles in 1990 to 1,207 miles by 2005.



- Operating cost savings on state highways range from 70 percent of total savings in 1990 to 58 percent in 2005.

The above statements and the numbers in Table 4.2 are real value comparisons and do not include inflation costs. Details on performance measures are contained in Appendix H.

#### ROAD CONDITION

The physical conditions of roadways are easily perceived by the public, particularly the pavement condition. Tables 4.3 through 4.8 contain the arterial and collector miles with projected good, fair and poor pavement condition for state, counties and urbanized cities. Status quo funding and funding of the base case needs are shown alternately in the tables. The tables show that:

- funding the base case needs either holds the line on heavy pavement deterioration or improves condition; and
- funding under status quo would permit extensive pavement deterioration on the majority of roadway miles. With the exception of the interstate roadways, many miles of road would be below tolerable standards.

Table 4.3

STATUS QUO FUNDING  
PAVEMENT CONDITION ON STATE ROADS  
(Arterial and Collector Miles)

ROAD CLASS	CONDITION	YEAR			
		1990	1995	2000	2005
RURAL: Interstate	GOOD	292	435	316	238
	FAIR	304	161	268	358
	POOR	0	0	12	0
Principal Arterial	GOOD	793	589	249	204
	FAIR	702	385	476	340
	POOR	770	1,291	1,540	1,721
Minor Arterial	GOOD	937	312	192	144
	FAIR	721	889	241	120
	POOR	745	1,202	1,970	2,139
Major Collector	GOOD	486	454	357	146
	FAIR	876	567	308	243
	POOR	259	600	956	1,232
Minor Collector	GOOD	26	42	27	41
	FAIR	35	20	28	14
	POOR	1	0	7	7
TOTAL RURAL	GOOD	2,534	1,832	1,141	773
	FAIR	2,638	2,022	1,321	1,075
	POOR	1,775	3,093	4,485	5,099
URBAN: Interstate	GOOD	60	57	34	36
	FAIR	56	40	46	32
	POOR	26	45	62	74
Expressway	GOOD	31	16	20	21
	FAIR	12	21	12	9
	POOR	11	17	22	24
Principal Arterial	GOOD	167	47	0	0
	FAIR	140	111	43	38
	POOR	120	269	384	389
Minor Arterial	GOOD	36	24	20	23
	FAIR	42	39	32	15
	POOR	8	23	34	48
Collector	GOOD	3	9	6	3
	FAIR	6	0	3	6
	POOR	0	0	0	0
TOTAL URBAN	GOOD	297	153	80	83
	FAIR	256	211	136	100
	POOR	165	354	502	535
TOTAL	GOOD	2,831	1,985	1,221	856
	FAIR	2,894	2,233	1,457	1,175
	POOR	1,940	3,447	4,987	5,634

Table 4.4

**BASE CASE FUNDING  
PAVEMENT CONDITION ON STATE ROADS  
(Arterial and Collector Miles)**

ROAD CLASS	CONDITION	YEAR			
		1990	1995	2000	2005
RURAL: Interstate	GOOD	292	435	316	238
	FAIR	304	161	268	358
	POOR	0	0	12	0
Principal Arterial	GOOD	1,767	1,382	1,472	1,586
	FAIR	498	883	770	656
	POOR	0	0	23	23
Minor Arterial	GOOD	1,802	1,202	1,586	1,490
	FAIR	577	1,201	817	913
	POOR	24	0	0	0
Major Collector	GOOD	811	973	940	892
	FAIR	810	632	649	713
	POOR	0	16	32	16
Minor Collector	GOOD	26	42	27	41
	FAIR	36	20	28	14
	POOR	0	0	7	7
TOTAL RURAL	GOOD	4,698	4,034	4,341	4,247
	FAIR	2,225	2,897	2,532	2,654
	POOR	24	16	74	46
URBAN: Interstate	GOOD	85	88	58	91
	FAIR	56	53	75	51
	POOR	1	1	9	0
Expressway	GOOD	42	24	31	44
	FAIR	12	30	21	10
	POOR	0	0	2	0
Principal Arterial	GOOD	278	231	222	329
	FAIR	140	192	192	94
	POOR	9	4	13	4
Minor Arterial	GOOD	46	46	56	52
	FAIR	40	34	30	30
	POOR	0	6	0	4
Collector	GOOD	3	9	6	3
	FAIR	6	0	3	6
	POOR	0	0	0	0
TOTAL URBAN	GOOD	454	398	373	519
	FAIR	254	309	321	191
	POOR	10	11	24	8
TOTAL	GOOD	5,152	4,432	4,714	4,766
	FAIR	2,479	3,206	2,853	2,845
	POOR	34	27	98	54

Table 4.5

STATUS QUO FUNDING  
PAVEMENT CONDITION ON COUNTY ROADS  
(Arterial and Collector Miles)

ROAD CLASS	CONDITION	YEAR			
		1990	1995	2000	2005
RURAL: 0 Interstate	GOOD				
	FAIR				
	POOR				
0 Principal Arterial	GOOD				
	FAIR				
	POOR				
516 Minor Arterial	GOOD	294	331	423	190
	FAIR	222	164	93	294
	POOR	0	21	0	32
5,989 Major Collector	GOOD	2,156	838	120	0
	FAIR	3,054	1,617	958	419
	POOR	779	3,534	4,911	5,570
5,345 Minor Collector	GOOD	1,711	1,603	1,123	1,016
	FAIR	2,565	1,337	1,175	908
	POOR	1,069	2,405	3,047	3,421
11,850 TOTAL RURAL	GOOD	4,161	2,772	1,666	1,206
	FAIR	5,841	3,118	2,226	1,621
	POOR	1,848	5,960	7,958	9,023
URBAN: 0 Interstate	GOOD				
	FAIR				
	POOR				
0 Expressway	GOOD				
	FAIR				
	POOR				
43 Principal Arterial	GOOD	36	16	34	20
	FAIR	7	27	8	23
	POOR	0	0	1	0
517 Minor Arterial	GOOD	253	72	0	0
	FAIR	186	197	113	16
	POOR	78	248	404	501
678 Collector	GOOD	278	176	89	41
	FAIR	380	272	128	69
	POOR	20	230	461	568
1,238 TOTAL URBAN	GOOD	567	264	123	61
	FAIR	573	496	249	108
	POOR	98	478	866	1,069
13,088 TOTAL	GOOD	4,728	3,036	1,789	1,267
	FAIR	6,414	3,614	2,475	1,729
	POOR	1,946	6,438	8,824	10,092

Table 4.6

**BASE CASE FUNDING  
PAVEMENT CONDITION ON COUNTY ROADS  
(Arterial and Collector Miles)**

ROAD CLASS	CONDITION	YEAR			
		1990	1995	2000	2005
RURAL: 0 Interstate	GOOD				
	FAIR				
	POOR				
0 Principal Arterial	GOOD				
	FAIR				
	POOR				
516 Minor Arterial	GOOD	294	331	423	190
	FAIR	222	164	93	294
	POOR	0	21	0	32
5,989 Major Collector	GOOD	3,952	4,012	3,114	3,234
	FAIR	1,977	1,977	2,755	2,695
	POOR	60	0	120	60
5,345 Minor Collector	GOOD	3,154	2,940	2,673	2,565
	FAIR	1,924	2,351	1,923	2,031
	POOR	267	54	749	749
11,850 TOTAL RURAL	GOOD	7,400	7,283	6,210	5,989
	FAIR	4,123	4,492	4,771	5,020
	POOR	327	75	869	841
URBAN: 0 Interstate	GOOD				
	FAIR				
	POOR				
0 Expressway	GOOD				
	FAIR				
	POOR				
43 Principal Arterial	GOOD	36	16	36	19
	FAIR	7	27	7	24
	POOR	0	0	0	0
517 Minor Arterial	GOOD	398	393	217	321
	FAIR	113	124	300	165
	POOR	6	0	0	31
678 Collector	GOOD	495	495	250	482
	FAIR	183	183	421	189
	POOR	0	0	7	7
1,238 TOTAL URBAN	GOOD	929	904	503	822
	FAIR	303	334	728	378
	POOR	6	0	7	38
13,088 TOTAL	GOOD	8,329	8,187	6,713	6,811
	FAIR	4,426	4,826	5,499	5,398
	POOR	333	75	876	879

Table 4.7

STATUS QUO FUNDING  
PAVEMENT CONDITION ON URBANIZED CITY ROADS  
(Arterial and Collector Miles)

ROAD CLASS	CONDITION	YEAR			
		1990	1995	2000	2005
RURAL: Interstate	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Principal Arterial	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Minor Arterial	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Major Collector	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Minor Collector	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
TOTAL RURAL	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
URBAN: Interstate	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Expressway	GOOD	2	0	0	0
	FAIR	0	2	2	0
	POOR	0	0	0	2
Principal Arterial	GOOD	103	79	52	54
	FAIR	51	47	53	35
	POOR	0	28	49	65
Minor Arterial	GOOD	127	47	13	7
	FAIR	47	91	41	11
	POOR	5	41	125	161
Collector	GOOD	237	110	29	4
	FAIR	142	155	97	33
	POOR	29	143	282	371
TOTAL URBAN	GOOD	469	236	94	65
	FAIR	240	295	193	79
	POOR	34	212	456	599
TOTAL	GOOD	469	236	94	65
	FAIR	240	295	193	79
	POOR	34	212	456	599

Table 4.8

**BASE CASE FUNDING**  
**PAVEMENT CONDITION ON URBANIZED CITY ROADS**  
**(Arterial and Collector Miles)**

ROAD CLASS	CONDITION	YEAR			
		1990	1995	2000	2005
RURAL: Interstate	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Principal Arterial	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Minor Arterial	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Major Collector	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Minor Collector	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
TOTAL RURAL	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
URBAN: Interstate	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Expressway	GOOD	2	0	2	2
	FAIR	0	2	0	0
	POOR	0	0	0	0
Principal Arterial	GOOD	105	114	82	95
	FAIR	49	34	67	50
	POOR	0	6	5	9
Minor Arterial	GOOD	145	107	104	91
	FAIR	34	72	73	83
	POOR	0	0	2	5
Collector	GOOD	335	277	159	282
	FAIR	73	123	249	126
	POOR	0	8	0	0
TOTAL URBAN	GOOD	587	498	347	470
	FAIR	156	231	389	259
	POOR	0	14	7	14
TOTAL	GOOD	587	498	347	470
	FAIR	156	231	389	259
	POOR	0	14	7	14

## TRAFFIC SERVICE

The impacts of status quo funding and funding the base case needs on arterial and collector traffic service are shown in Tables 4.9 through 4.14 for the state, counties and urbanized cities. The traffic volume-to-capacity ratio is used to describe the traffic service. In general, if the traffic volume-to-capacity ratio is low, the roadway has less traffic and the traffic service is good. As the ratio increases to levels greater than .80 traffic service becomes poorer and is characterized by congestion during peak hours.

The tables show that:

- traffic service under status quo funding would become intolerable on many more miles of arterials and collectors than by funding the base case needs.



Table 4.9

STATUS QUO FUNDING  
TRAFFIC SERVICE ON STATE ROADS  
(Arterial and Collector Miles)

ROAD CLASS	VOLUME TO CAPACITY RATIO	YEAR			
		1990	1995	2000	2005
RURAL: Interstate	Less than .41	441	405	334	322
	.41 to .80	149	185	243	274
	More than .80	6	6	19	0
Principal Arterial	Less than .41	1,450	1,291	1,110	951
	.41 to .80	679	793	906	952
	More than .80	136	181	249	362
Minor Arterial	Less than .41	2,259	2,211	2,067	2,019
	.41 to .80	120	168	288	336
	More than .80	24	24	48	48
Major Collector	Less than .41	1,556	1,556	1,540	1,523
	.41 to .80	65	65	81	82
	More than .80	0	0	0	16
Minor Collector	Less than .41	62	62	62	62
	.41 to .80	0	0	0	0
	More than .80	0	0	0	0
TOTAL RURAL	Less than .41	5,768	5,525	5,113	4,877
	.41 to .80	1,013	1,211	1,518	1,644
	More than .80	166	211	316	426
URBAN: Interstate	Less than .41	44	41	36	26
	.41 to .80	94	97	93	100
	More than .80	4	4	13	16
Expressway	Less than .41	17	17	13	9
	.41 to .80	28	32	29	24
	More than .80	9	5	12	21
Principal Arterial	Less than .41	192	175	128	115
	.41 to .80	184	154	201	180
	More than .80	51	98	98	132
Minor Arterial	Less than .41	31	31	27	27
	.41 to .80	26	25	24	22
	More than .80	29	30	35	37
Collector	Less than .41	2	2	2	2
	.41 to .80	7	4	4	3
	More than .80	0	3	3	4
TOTAL URBAN	Less than .41	286	266	206	179
	.41 to .80	339	312	351	329
	More than .80	93	140	161	210
TOTAL	Less than .41	6,954	5,791	5,319	5,056
	.41 to .80	1,352	1,523	1,869	1,973
	More than .80	259	351	477	636

Table 4.10

BASE CASE FUNDING  
TRAFFIC SERVICE ON STATE ROADS  
(Arterial and Collector Miles)

ROAD CLASS	VOLUME TO CAPACITY RATIO	YEAR			
		1990	1995	2000	2005
RURAL: Interstate	Less than .41	441	405	334	322
	.41 to .80	149	185	244	274
	More than .80	6	6	18	0
Principal Arterial	Less than .41	1,789	1,744	1,699	1,631
	.41 to .80	453	498	543	589
	More than .80	23	23	23	45
Minor Arterial	Less than .41	2,283	2,235	2,139	2,067
	.41 to .80	120	144	264	336
	More than .80	0	24	0	0
Major Collector	Less than .41	1,556	1,556	1,556	1,540
	.41 to .80	65	65	65	81
	More than .80	0	0	0	0
Minor Collector	Less than .41	62	62	62	62
	.41 to .80	0	0	0	0
	More than .80	0	0	0	0
TOTAL RURAL	Less than .41	6,131	6,002	5,790	5,622
	.41 to .80	787	892	1,116	1,280
	More than .80	29	53	41	45
URBAN: Interstate	Less than .41	44	45	36	28
	.41 to .80	98	97	105	110
	More than .80	0	0	1	4
Expressway	Less than .41	18	18	15	11
	.41 to .80	33	35	31	31
	More than .80	3	1	8	12
Principal Arterial	Less than .41	201	184	137	124
	.41 to .80	183	200	239	230
	More than .80	43	43	51	73
Minor Arterial	Less than .41	31	34	30	29
	.41 to .80	31	28	36	38
	More than .80	24	24	20	19
Collector	Less than .41	2	2	2	2
	.41 to .80	7	4	4	3
	More than .80	0	3	3	4
TOTAL URBAN	Less than .41	296	283	220	194
	.41 to .80	352	364	415	412
	More than .80	70	71	83	112
TOTAL	Less than .41	6,427	6,285	6,010	5,816
	.41 to .80	1,139	1,256	1,531	1,692
	More than .80	99	124	124	157

Table 4.11

STATUS QUO FUNDING  
TRAFFIC SERVICE ON COUNTY ROADS  
(Arterial and Collector Miles)

ROAD CLASS	CONDITION	YEAR			
		1990	1995	2000	2005
RURAL: Interstate	GOOD				
	FAIR				
	POOR				
Principal Arterial	GOOD				
	FAIR				
	POOR				
Minor Arterial	GOOD	407	377	377	382
	FAIR	109	139	93	129
	POOR	0	0	46	5
Major Collector	GOOD	5,809	5,750	5,690	5,630
	FAIR	120	180	180	239
	POOR	60	59	119	120
Minor Collector	GOOD	5,291	5,291	5,238	5,238
	FAIR	54	54	107	107
	POOR	0	0	0	0
TOTAL RURAL	GOOD	11,507	11,418	11,305	11,250
	FAIR	283	373	380	475
	POOR	60	59	165	125
URBAN: Interstate	GOOD				
	FAIR				
	POOR				
Expressway	GOOD				
	FAIR				
	POOR				
Principal Arterial	GOOD	31	28	28	28
	FAIR	12	15	15	12
	POOR	0	0	0	3
Minor Arterial	GOOD	321	316	305	300
	FAIR	103	93	93	67
	POOR	93	108	119	150
Collector	GOOD	509	494	413	408
	FAIR	121	130	196	176
	POOR	48	54	69	94
TOTAL URBAN	GOOD	861	838	746	736
	FAIR	236	238	304	255
	POOR	141	162	188	247
TOTAL	GOOD	12,368	12,256	12,051	11,986
	FAIR	519	611	684	730
	POOR	201	221	353	372

Table 4.12

BASE CASE FUNDING  
TRAFFIC SERVICE ON COUNTY ROADS  
(Arterial and Collector Miles)

ROAD CLASS	CONDITION	YEAR			
		1990	1995	2000	2005
RURAL: Interstate	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Principal Arterial	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Minor Arterial	GOOD	407	377	377	382
	FAIR	109	139	93	129
	POOR	0	0	46	5
Major Collector	GOOD	5,809	5,809	5,749	5,749
	FAIR	180	180	180	180
	POOR	0	0	60	60
Minor Collector	GOOD	5,292	5,345	5,345	5,345
	FAIR	53	0	0	0
	POOR	0	0	0	0
TOTAL RURAL	GOOD	11,508	11,531	11,471	11,476
	FAIR	342	319	273	309
	POOR	0	0	106	65
URBAN: Interstate	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Expressway	GOOD	/	/	/	/
	FAIR	/	/	/	/
	POOR	/	/	/	/
Principal Arterial	GOOD	31	28	28	28
	FAIR	12	15	15	12
	POOR	0	0	0	3
Minor Arterial	GOOD	321	316	316	310
	FAIR	139	135	124	103
	POOR	57	66	77	104
Collector	GOOD	509	509	433	413
	FAIR	135	120	176	183
	POOR	34	49	69	82
TOTAL URBAN	GOOD	861	853	777	751
	FAIR	286	270	315	298
	POOR	91	115	146	189
TOTAL	GOOD	12,369	12,384	12,248	12,227
	FAIR	628	589	588	607
	POOR	91	115	252	254

Table 4.13

STATUS QUO FUNDING  
TRAFFIC SERVICE ON URBANIZED CITY ROADS  
(Arterial and Collector Miles)

ROAD CLASS	VOLUME TO CAPACITY RATIO	YEAR			
		1990	1995	2000	2005
RURAL: Interstate	Less than .41	/	/	/	/
	.41 to .80	/	/	/	/
	More than .80	/	/	/	/
Principal Arterial	Less than .41	/	/	/	/
	.41 to .80	/	/	/	/
	More than .80	/	/	/	/
Minor Arterial	Less than .41	/	/	/	/
	.41 to .80	/	/	/	/
	More than .80	/	/	/	/
Major Collector	Less than .41	/	/	/	/
	.41 to .80	/	/	/	/
	More than .80	/	/	/	/
Minor Collector	Less than .41	/	/	/	/
	.41 to .80	/	/	/	/
	More than .80	/	/	/	/
TOTAL RURAL	Less than .41	/	/	/	/
	.41 to .80	/	/	/	/
	More than .80	/	/	/	/
URBAN: Interstate	Less than .41	/	/	/	/
	.41 to .80	/	/	/	/
	More than .80	/	/	/	/
Expressway	Less than .41	0	0	0	0
	.41 to .80	2	2	2	2
	More than .80	0	0	0	0
Principal Arterial	Less than .41	49	51	46	46
	.41 to .80	83	72	63	51
	More than .80	22	31	45	57
Minor Arterial	Less than .41	75	70	61	57
	.41 to .80	74	70	59	49
	More than .80	30	39	59	73
Collector	Less than .41	257	253	237	228
	.41 to .80	122	114	106	111
	More than .80	29	41	65	69
TOTAL URBAN	Less than .41	381	374	344	331
	.41 to .80	281	258	230	213
	More than .80	81	111	169	199
TOTAL	Less than .41	381	374	344	331
	.41 to .80	281	258	230	213
	More than .80	81	111	169	199

Table 4.14

BASE CASE FUNDING  
TRAFFIC SERVICE ON URBANIZED CITY ROADS  
(Arterial and Collector Miles)

ROAD CLASS	VOLUME TO CAPACITY RATIO	YEAR			
		1990	1995	2000	2005
RURAL: Interstate	Less than .41				
	.41 to .80				
	More than .80				
Principal Arterial	Less than .41				
	.41 to .80				
	More than .80				
Minor Arterial	Less than .41				
	.41 to .80				
	More than .80				
Major Collector	Less than .41				
	.41 to .80				
	More than .80				
Minor Collector	Less than .41				
	.41 to .80				
	More than .80				
TOTAL RURAL	Less than .41				
	.41 to .80				
	More than .80				
URBAN: Interstate	Less than .41				
	.41 to .80				
	More than .80				
Expressway	Less than .41	0	0	0	0
	.41 to .80	2	2	2	2
	More than .80	0	0	0	0
Principal Arterial	Less than .41	49	55	46	46
	.41 to .80	87	76	70	68
	More than .80	18	23	38	40
Minor Arterial	Less than .41	75	70	64	59
	.41 to .80	88	89	79	72
	More than .80	16	20	36	48
Collector	Less than .41	269	265	253	245
	.41 to .80	119	119	110	126
	More than .80	20	24	45	37
TOTAL URBAN	Less than .41	393	390	363	350
	.41 to .80	296	286	261	268
	More than .80	54	67	119	125
TOTAL	Less than .41	393	390	363	350
	.41 to .80	296	286	261	268
	More than .80	54	67	119	125

COMMITTEE MEETING TITLE

TPACT

DATE

9-11-86

NAME

AFFILIATION

MA - Tom Bingham

DEQ

M - LARRY COLE

CITIES OF WASHINGTON COUNTY

M - Mark Waidya

Cities of Multnomah Co

M - George Van Bergen

MSD.

M - RICHARD WAKER

METRO

M - James Allison

Tri-Met

M - Margaret A. Shacker

Portland

M - And muller

ODOT

M - ED FERGUSON

WSDOT

MA - Jim Gardner

Metro

G - Keith Ahola

WSDOT

G - GRACE CEUNICAN

Pdx

G - Bob Bothman

ODOT

G - Julia Pomeroy

Portland

G - Steve Dotterer

Portland

G - Wmny Moore

ODOT, Transit

G - RICK KUEHN

ODOT, REGION 1

S - Richard Brandom

Metro

G - Gary Splavovich

Clackamas County

S - Bar Peters

Metro

S - Cathy Thomas

Metro

S - Varen Thackston

Metro

S - Andy Cotugno

Metro