

# **CHAPTER 3**

## **TRANSIT PROJECTS**

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## **TRANSIT PROJECTS**

This chapter of the TIP contains projects funded through Federal Transit Administration (FTA) and the State Public Transportation Fund (PTF). The following table lists the United States Code section reference number and describes the activity for the transit grant programs funded through the FTA and PTF:

<b>49 U.S.C. Section</b>	<b>Description</b>
5309	Discretionary
5303	MPO Planning
5307	Urbanized Program
5310	Elderly/Disabled
5311	Rural/Nonurbanized
5313	State Planning

# 3-4 2002-2004 TRANSPORTATION IMPROVEMENT PROGRAM

2002 - 2004 TRANSPORTATION IMPROVEMENT PROGRAM:  
Section 5307 Transit Projects  
(\$ X 000)

PROJECT NUMBER	GRANT NUMBER	LEAD AGENCY	CATEGORY	PROJECT NAME	PROJECT COST				UNCOMMITTED BALANCE *	PROGRAM YEAR
					FEDERAL COST	STATE COST	LOCAL COST	TOTAL COST		
		METRO	5307	FY2002 Program of Projects: Bus Acquisitions Acquisition of 25 40' buses Bus project management Bus Improvements/Capital Maintenance	\$6,062.1 \$100.0 \$21,500.0		\$1,241.6 \$25.0 \$5,375.0	\$7,303.7 \$125.0 \$26,875.0	\$7,303.7 \$125.0 \$26,875.0	2002 2002 2002
		METRO	5307	FY2002 Program of Projects: Enhancement Project Shelters	\$514.2		\$128.5	\$642.7	\$642.7	2002
		METRO	5307	FY2002 Program of Projects ADA Paratransit Support	\$5,141.9		\$1,285.4	\$6,427.3	\$6,427.3	2002
		METRO	5307	FY2002 Program of Projects Preventive Maintenance/Major Facilities Rehabilitation Initiative	\$1,496.5		\$374.0	\$1,870.5	\$1,870.5	2002
		METRO	5307	FY2002 Program of Projects Administrative Office Building	\$16,604.6		\$4,151.1	\$20,755.7	\$20,755.7	2002
		METRO	5307	FY2002 Program of Projects New Service Routes (CMAQ \$) (Yr 3/Gp 2) New Service Routes (CMAQ \$) (Yr 2/Gp 3) New Service Routes (CMAQ \$) (Yr 1/Gp 4)	\$1,630.7 \$3,166.0 \$13,000.0		\$407.7 \$791.5 \$3,250.0	\$2,038.4 \$3,957.5 \$16,250.0	\$2,038.4 \$3,957.5 \$16,250.0	2002 2002 2002
		METRO	5307	FY2002 Program of Projects Regional Computerized Traffic Signal System (CMAQ \$)	\$2,500.0		\$625.0	\$3,125.0	\$3,125.0	2002
		METRO	5307	FY2003 Program of Projects: Bus Acquisitions Acquisition of 51 40' buses Acquisition of 136 METROLift vans Bus project management Bus Improvements/Capital Maintenance	\$12,366.7 \$6,332.6 \$476.0 \$23,341.6		\$2,532.9 \$1,297.0 \$119.0 \$5,835.4	\$14,899.6 \$7,629.6 \$595.0 \$29,177.0	\$14,899.6 \$7,629.6 \$595.0 \$29,177.0	2003 2003 2003 2003
		METRO	5307	FY2003 Program of Projects: Enhancement Project Shelters	\$557.9		\$139.5	\$697.4	\$697.4	2003
		METRO	5307	FY2003 Program of Projects ADA Paratransit Support	\$5,579.0		\$1,394.7	\$6,973.7	\$6,973.7	2003
		METRO	5307	FY2003 Program of Projects Preventive Maintenance/Major Facilities Rehabilitation Initiative	\$3,845.8		\$961.4	\$4,807.2	\$4,807.2	2003
		METRO	5307	FY2003 Program of Projects Administrative Office Building	\$3,290.4		\$822.6	\$4,113.0	\$4,113.0	2003
		METRO	5307	FY2003 Program of Projects New Service Routes (CMAQ \$) (Yr 3/Gp 3) New Service Routes (CMAQ \$) (Yr 2/Gp 4) New Service Routes (CMAQ \$) (Yr 1/Gp 5)	\$13,000.0 \$1,753.0 \$1,753.0		\$3,250.0 \$438.2 \$438.2	\$2,038.4 \$3,957.5 \$16,250.0	\$16,250.0 \$2,191.2 \$2,191.2	2003 2003 2003

\* Not under contract or yet expended

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2002 - 2004 TRANSPORTATION IMPROVEMENT PROGRAM:  
Section 5307 Transit Projects  
(\$ x 000)

PROJECT NUMBER	GRANT NUMBER	LEAD AGENCY	CATEGORY	PROJECT NAME	PROJECT COST				UNCOMMITTED BALANCE *	PROGRAM YEAR
					FEDERAL COST	STATE COST	LOCAL COST	TOTAL COST		
		METRO	5307	FY2003 Program of Projects Regional Computerized Traffic Signal System (CMAQ \$)	\$2,500.0		\$625.0	\$3,125.0	\$3,125.0	2003
		METRO	5307	FY2004 Program of Projects: Bus Acquisitions Acquisition of 71 40' buses Bus project management Bus Improvements/Capital Maintenance	\$18,083.3 \$284.0 \$25,272.9		\$3,705.1 \$71.0 \$6,318.2	\$21,794.4 \$355.0 \$31,591.1	\$21,794.4 \$355.0 \$31,591.1	2004 2004 2004
		METRO	5307	FY2004 Program of Projects: Enhancement Project Shelters	\$575.7		\$144.0	\$719.7	\$719.7	2004
		METRO	5307	FY2004 Program of Projects ADA Paratransit Support	\$5,757.5		\$1,439.4	\$7,196.9	\$7,196.9	2004
		METRO	5307	FY2004 Program of Projects Preventive Maintenance/Major Facilities Rehabilitation Initiative	\$5,000.0		\$1,250.0	\$6,250.0	\$6,250.0	2004
		METRO	5307	FY2004 Program of Projects Administrative Office Building	\$2,595.8		\$648.9	\$3,244.7	\$3,244.7	2004
		METRO	5307	FY2004 Program of Projects New Service Routes (CMAQ \$) (Yr 3/Gp 4) New Service Routes (CMAQ \$) (Yr 2/Gp 5) New Service Routes (CMAQ \$) (Yr 1/Gp 6)	\$1,037.7 \$1,037.7 \$1,037.7		\$259.4 \$259.4 \$259.4	\$1,297.1 \$1,297.1 \$1,297.1	\$1,297.1 \$1,297.1 \$1,297.1	2004 2004 2004
		Gulf Coast Ctr	5307	FY 2002 Galveston County - Routine Transit Planning	\$60.0		\$15.0	\$75.0	\$75.0	2002
		Gulf Coast Ctr	5307	FY 2003 Galveston County - Routine Transit Planning	\$60.0		\$15.0	\$75.0	\$75.0	2003
		Gulf Coast Ctr	5307	FY 2004 Galveston County - Routine Transit Planning	\$60.0		\$15.0	\$75.0	\$75.0	2004
		Gulf Coast Ctr	5307	FY 2002 Galveston County - Capital & Operating	\$982.7		\$245.5	\$1,228.2	\$1,228.2	2002
		Gulf Coast Ctr	5307	FY 2003 Galveston County - Capital & Operating	\$982.7		\$245.5	\$1,228.2	\$1,228.2	2003
		Gulf Coast Ctr	5307	FY 2004 Galveston County - Capital & Operating	\$982.7		\$245.5	\$1,228.2	\$1,228.2	2004

\* Not under contract or yet expended

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# 3-6 2002-2004 TRANSPORTATION IMPROVEMENT PROGRAM

2002 - 2004 TRANSPORTATION IMPROVEMENT PROGRAM:  
Section 5307 Transit Projects  
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PROJECT NUMBER	GRANT NUMBER	LEAD AGENCY	CATEGORY	PROJECT NAME	PROJECT COST				UNCOMMITTED BALANCE •	PROGRAM YEAR
					FEDERAL COST	STATE COST	LOCAL COST	TOTAL COST		
		City of Galveston	5307	FY 2002 General Transit Planning	\$80.0		\$20.0	\$100.0	\$100.0	2002
		City of Galveston	5307	FY 2003 General Transit Planning	\$80.0		\$20.0	\$100.0	\$100.0	2003
		City of Galveston	5307	FY 2004 General Transit Planning	\$80.0		\$20.0	\$100.0	\$100.0	2004
		City of Galveston	5307	FY 2002 City of Galveston Operating Assistance - Fixed Rt. Bus & Rail	\$765.4		\$191.3	\$956.7	\$956.7	2002
		City of Galveston	5307	FY 2003 City of Galveston Operating Assistance - Fixed Rt. Bus & Rail	\$833.0		\$208.3	\$1,041.3	\$1,041.3	2003
		City of Galveston	5307	FY 2004 City of Galveston Operating Assistance - Fixed Rt. Bus & Rail	\$905.1		\$226.4	\$1,131.5	\$1,131.5	2004

2002 - 2004 TRANSPORTATION IMPROVEMENT PROGRAM:  
Section 5309 Transit Projects  
(\$ x 000)

PROJECT NUMBER	GRANT NUMBER	LEAD AGENCY	CATEGORY	PROJECT NAME	PROJECT COST				UNCOMMITTED BALANCE *	PROGRAM YEAR
					FEDERAL COST	STATE COST	LOCAL COST	TOTAL COST		
		METRO	5309	FY 2002-2005 New Starts - HOV Katy Transit Improvements West Loop Transit Improvements	\$16,823.8		\$16,823.8	\$33,647.6	\$33,647.6	2002
		METRO	5309	FY 2002 Fixed Guideway Modernization	\$8,492.7		\$2,123.2	\$10,615.9	\$10,615.9	2002
		METRO	5309	FY 2003 Fixed Guideway Modernization	\$9,224.5		\$2,306.1	\$11,530.6	\$11,530.6	2003
		METRO	5309	FY 2004 Fixed Guideway Modernization	\$9,000.0		\$2,250.0	\$11,250.0	\$11,250.0	2004
		METRO	5309	Advanced Transit Plan (2004-2009) (See project listing)	\$186,795		\$186,795	\$373,590	\$373,590	2004
		City of Galveston	5309	FY 2002 Downtown Livable Communities Initiative - Phase 2	\$2,000.0		\$500.0	\$2,500.0	\$2,500.0	2002
		City of Galveston	5309	FY 2002 ITS Demonstration Project	\$750.0		\$187.5	\$937.5	\$937.5	2002
		City of Galveston	5309	FY 2003 Purchase Buses	\$1,500.0		\$375.0	\$1,875.0	\$1,875.0	2003
		City of Galveston	5309	FY 2003 Purchase Vans	\$1,400.0		\$350.0	\$1,750.0	\$1,750.0	2003
		City of Galveston	5309	FY 2004 Extend Rail Trolley to Stewart Beach	\$4,500.0		\$1,125.0	\$5,625.0	\$5,625.0	2004
		City of Galveston	5309	FY 2004 Downtown Livable Communities Initiative - Phase 3	\$200.0		\$500.0	\$2,500.0	\$2,500.0	2004
		Brazos Transit	5309	FY 2002 Reimbursement of eligible capital operating expenses for the Montgomery Co. Commuter Program	\$1,000.0		\$250.0	\$1,250.0	\$1,250.0	2002

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2002 - 2004 TRANSPORTATION IMPROVEMENT PROGRAM:  
Section 5309 Transit Projects  
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PROJECT NUMBER	GRANT NUMBER	LEAD AGENCY	CATEGORY	PROJECT NAME	PROJECT COST				UNCOMMITTED BALANCE *	PROGRAM YEAR
					FEDERAL COST	STATE COST	LOCAL COST	TOTAL COST		
		Brazos Transit	5309	FY 2003 Reimbursement of eligible capital operating expenses for the Montgomery Co. Commuter Program	\$1,000.0		\$250.0	\$1,250.0	\$1,250.0	2003
		Brazos Transit	5309	FY 2004 Reimbursement of eligible capital operating expenses for the Montgomery Co. Commuter Program	\$1,000.0		\$250.0	\$1,250.0	\$1,250.0	2004



2002 - 2004 TRANSPORTATION IMPROVEMENT PROGRAM:  
Section 5311 Transit Projects  
(\$ x 000)

PROJECT NUMBER	GRANT NUMBER	LEAD AGENCY	CATEGORY	PROJECT NAME	PROJECT COST				UNCOMMITTED BALANCE *	PROGRAM YEAR
					FEDERAL COST	STATE COST	LOCAL COST	TOTAL COST		
		Gulf Coast Ctr	5311	FY 2002 Brazoria County Transit Svcs - Capital, Administrative & Operating Assistance	\$161.1					2002
		Gulf Coast Ctr	5311	FY 2003 Brazoria County Transit Svcs - Capital, Administrative & Operating Assistance	\$173.7					2003
		Gulf Coast Ctr	5311	FY 2004 Brazoria County Transit Svcs - Capital, Administrative & Operating Assistance	\$186.4					2004
		Brazos Transit	5311	FY 2002 Rural Mobility Operating Cost for Liberty & Montgomery Counties	\$1,137.0					2002
		Brazos Transit	5311	FY 2003 Rural Mobility Operating Cost for Liberty & Montgomery Counties	\$1,137.0					2003
		Brazos Transit	5311	FY 2004 Rural Mobility Operating Cost for Liberty & Montgomery Counties	\$1,137.0					2004
		Colorado Valley	5311	FY 2002 Rural Mobility Operating Cost for Waller County	\$68.7	\$132.6	\$50.3	\$251.7	\$251.7	2002
		Colorado Valley	5311	FY 2003 Rural Mobility Operating Cost for Waller County	\$68.7	\$132.6	\$50.3	\$251.7	\$251.7	2003
		Colorado Valley	5311	FY 2004 Rural Mobility Operating Cost for Waller County	\$68.7	\$132.6	\$50.3	\$251.7	\$251.7	2004

2002 - 2004 TRANSPORTATION IMPROVEMENT PROGRAM:  
Locally Funded Transit Projects  
(\$ X 000)

# 3-10 2002-2004 TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT NUMBER	LEAD AGENCY	CATEGORY	PROJECT NAME	FY2002	FY2003	FY2004
	METRO	Local	Downtown to Astrodome Light Rail	\$72,200	\$62,050	\$25,550
	METRO	Local	Downtown to Astrodome Light Rail "Test Track"	\$5,830	\$0	\$0
	METRO	Local	Downtown to Astrodome Light Rail - Additional Parking	\$0	\$0	\$0
	METRO	Local	Transit Street	\$4,575	\$956	\$0
	METRO	Local	System Accessibility	\$28	\$0	\$0
	METRO	Local	Enron Field Transit Center	\$0	\$0	\$0
	METRO	Local	Eastex HOV Segment 1-A (CBD to Tidwell)	\$1,018	\$1,041	\$0
	METRO	Local	Inner Loop West Side Transit Center	\$0	\$0	\$0
	METRO	Local	HOV Surveillance, Communications and Control System Eastex HOV SC&C	\$261	\$1,496	\$2,581
	METRO	Local	Facility Upgrades	\$13,646	\$6,482	\$6,318
	METRO	Local	Support Vehicles	\$2,559	\$2,105	\$2,064
	METRO	Local	Telephone Interconnect System	\$25	\$25	\$30
	METRO	Local	Tools and Equipment	\$1,760	\$1,720	\$1,801
	METRO	Local	Management Information Systems (Information Technology (IT) )	\$16,000	\$10,000	\$9,000
	METRO	Local	Furniture and Office Equipment	\$560	\$560	\$0
	METRO	Local	Leasehold Improvements (1201 Louisiana & Ridestores)	\$253	\$253	\$253

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2002 - 2004 TRANSPORTATION IMPROVEMENT PROGRAM:  
Locally Funded Transit Projects  
(\$ X 000)

PROJECT NUMBER	LEAD AGENCY	CATEGORY	PROJECT NAME	FY2002	FY2003	FY2004
	METRO	Local	Intelligent Transportation System - New ITS Projects	\$94	\$0	\$0
	METRO	Local	Priority Corridor Projects Integrated Corridor Transportation Management Quickride (Priority Lane Pricing) Program Administration Integrated Transit into Translar ITS Enhanced Incident Management Auto Traffic Management In Flood Prone Areas Dissemination of Information Automated Incident Management Strategies & Support System Future Projects	\$1,152	\$403	\$110
	METRO	Local	Intelligent Transportation System - Research Center of Excellence Future Projects	\$269	\$0	\$0
	METRO	Local	Intelligent Transportation System - Translink Laboratory	\$189	\$189	\$0
	METRO	Local	Transit Mobility Improvement Program Bus Pads / Bus Lanes Curb Cut / Intersection Improvements	\$380	\$390	\$410
	METRO	Local	Transit Capital Program Development Long Range Plan Other MIS/Capital Development Major Investment Studies MIS Study Support Travel Model Adapt HGAC Special Projects Engineering Studies Capital & Environmental Studies Interagency Coordination Corridor Level Modeling Model Validation	\$1,964	\$1,069	\$631

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# 3-12 2002-2004 TRANSPORTATION IMPROVEMENT PROGRAM

## 2002 - 2004 TRANSPORTATION IMPROVEMENT PROGRAM: Locally Funded Transit Projects (\$ X 000)

PROJECT NUMBER	LEAD AGENCY	CATEGORY	PROJECT NAME	FY2002	FY2003	FY2004
			Federal Clean Air Act Americans with Disabilities Act CPTED			
	METRO	Local	Strategic Planning and C.I.P. Management	\$100	\$100	\$100
	METRO	Local	Development Projects	\$500	\$500	\$500
	METRO	Local	Contingency and Land	\$13,000	\$13,000	\$14,900
	METRO	Local	HOV System - Operational Development	\$50	\$50	\$50
	METRO	Local	Future MIS/Capital Project Development	\$0	\$2,000	\$2,000
	METRO	Local	Bus Acquisitions (Local Component)	\$0	\$0	\$0
	METRO	Local	Greenspoint Transit Center Relocation/Expansion	\$0	\$1,000	\$3,250
	METRO	Local	Fairfield Park & Ride	\$0	\$0	\$0
	METRO	Local	South Freeway Transit Center	\$300	\$1,775	\$3,534
	METRO	Local	Future Park & Ride Expansion/Modification	\$0	\$0	\$0
	METRO	Local	Kingsland Park & Ride Expansion	\$350	\$240	\$1,539
	METRO	Local	West Belfort Park & Ride Expansion	\$2,300	\$0	\$0
	METRO	Local	FY2004 O/D Survey	\$0	\$0	\$502

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**2002-2004 TIP – METRO PROJECTS  
REGIONAL BUS PLAN (RBP)**

Engineering / Environmental – Transit Projects  
Downtown Transit Center  
Downtown/Midtown Transit Street Improvements  
    Includes Main Street Transit Street (Mall)  
        Pierce Transit Street Improvements  
        Franklin Transit Street Improvements  
South Main/TMC – Transit Amenities  
Texas Medical Center Transit Center  
Westchase Park & Ride  
Northwest Station Park & Ride – 3<sup>rd</sup> Expansion  
Eastex HOV Lane Extension to Kingwood  
Eastex HOV Ramp at Townsen Park & Ride  
Eastex HOV Terminus at Kingwood  
Fifth Ward/Denver Harbor Transit Center Modifications  
Magnolia Transit Center Modifications  
Eastwood Transit Center Modifications  
Regional Computerized Traffic Signal System (RCTSS)  
Integrated Vehicle Operation Management System (IVOMS)  
Clean Fuel Engine Program  
Bus Acquisitions  
Real Estate Acquisition  
Gulfgate Transit Center  
Hobby Transit Center  
Barker Cypress Park & Ride  
Uptown/Galleria Package of Projects  
    Richmond Transit Center  
    Transit Amenities

**2002-2004 TIP – METRO PROJECTS  
ADVANCED TRANSIT PLAN (ATP)**

Bus Acquisitions  
SH 6/FM 1960 Transit Improvements  
North Loop Transit Improvements  
Katy/West Belt Park & Ride Relocation  
Katy Park & Ride  
Heights Transit Center Modification  
Memorial City Transit Center  
Northwest Transit Center Modification  
Southeast Transit Center Modification  
Regional Computerized Traffic Signal System (RCTSS)  
Intelligent Transportation Systems (ITS)  
Transit Streets

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