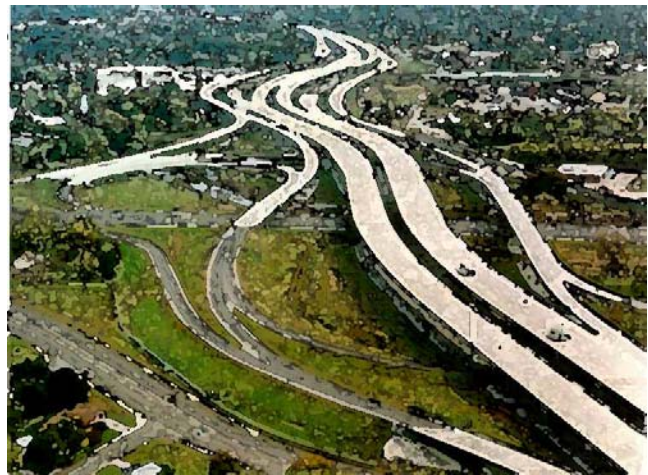


TRANSPORTATION IMPROVEMENT PROGRAM

FY 2008 - 2012



HUNTSVILLE AREA TRANSPORTATION STUDY

Prepared by the Huntsville Planning Division
in Cooperation with the
Bureau of Transportation Planning,
Alabama Department of Transportation

Adopted by the Metropolitan Planning Organization
September 2007

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HUNTSVILLE AREA TRANSPORTATION STUDY FY 2008-2012 TRANSPORTATION IMPROVEMENT PROGRAM

SECTION I.: INTRODUCTION

In 1963, a continuous, comprehensive, and coordinated (3C) transportation planning process was established for the Huntsville area with the creation of the Huntsville Area Transportation Study (HATS). This planning process (as set forth by Section 134, Title 23 of the United States Code) seeks to insure that all transportation plans and programs are consistent and coordinated with the planned development of the Urban Study Area. Transportation planning includes all transportation modes and analyzes their present and future demands based upon existing and historic trends, local goals and objectives, and forecasted urban development.

In order to insure that the planning process is comprehensive, the Huntsville Area Transportation Study analyzes more than just the City of Huntsville. The study area depicted in **Map A** also includes the cities and towns of Madison, Triana, Owens Cross Roads, Madison County, and parts of Limestone County.

The transportation planning process must have a coordinated organization in order to be effective. The general guidance for the process is provided by the Metropolitan Planning Organization (MPO). The MPO is composed of local elected officials who are legally empowered to implement transportation plans. They consider transportation planning goals and objectives along with financial and social consequences when adopting transportation plans. A Technical Coordinating Committee (TCC) provides the technical and professional guidance for the planning process and is composed of experienced professional people who can determine if developed plans will be feasible for the local area. Public involvement in the transportation planning process is provided through a Citizens' Advisory Committee (CAC). The Huntsville Planning Division has been designated as the agency responsible for transportation planning. The Planning Division staff provides professional manpower required locally for transportation planning. The Bureau of Transportation Planning of the Alabama Department of Transportation is responsible for the travel demand modeling portion of all urbanized area highway studies within the State.

Purpose/Scope

The Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991, the Transportation Equity Act for the 21st Century (TEA-21), and the latest transportation legislation – the Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A Legacy for Users (SAFETEA-LU), amended the requirements for the Transportation Improvement Program (TIP). The TIP is now considered to be a central program management tool for structuring metropolitan transportation programs.

A TIP must be developed for each metropolitan area by the MPO in cooperation with the State and transit operators. Beginning July 1, 2007, the TIP must be updated and approved at least every four years by the MPO and the Governor. It must include all projects (including pedestrian walkways and bicycle transportation facilities) to be funded under Title 23 and the

Federal Transit Administration. There must be a reasonable opportunity for public comment prior to approval. The Federal Highway Administration requires this plan to at least cover fiscal years 2008 – 2011 to meet the new legislatively required 4-year schedule. The Huntsville Area MPO's policy has been to develop the TIP to cover a period of five years; hence, this document covers fiscal years 2008-2012, with the last year being presented for information purposes only.

The TIP encompasses all major elements of the area's surface transportation system and takes into consideration both federal and non-federally funded projects. The TIP must include a priority list of projects to be carried out in each 4-year period after initial adoption. This specific TIP for the Huntsville Urbanized Area details planned improvements to the area's transportation system for a period of 5 years; through fiscal year 2012. Prior to the publication of this document, several projects were tentatively scheduled for authorization in either July, August, or September of 2007. Since there is a possibility that these projects may not be authorized during fiscal year 2007, these projects are included in this document so they may be carried over to fiscal year 2008 if necessary.

The TIP must also include a financial plan that demonstrates how it can be implemented, and must be consistent with funding that will reasonably be available during the relevant period. While the inclusion of a project in the TIP does not guarantee that federal funding will be authorized, federal funds cannot be authorized for a project if it is not listed in the TIP. Additionally, all projects appearing in the TIP must be consistent with the long range transportation plan.

The Urban Transportation Planning Process

The TIP evolves from a "comprehensive, cooperative, and continuing" transportation planning process. Documentation of the overall planning process is provided in the "Prospectus – Huntsville Area Transportation Study."

Improvements to the surface transportation system are basically implemented under three different planning formats:

1. Long Range Planning

In accordance with federal guidelines, the local MPO maintains a continuous "long-range" transportation planning effort. In December 2004, a Transportation Plan was adopted which documents needed roadway improvements through the year 2030. This plan also outlines public transportation needs, traffic operations improvements, major investments and other multimodal needs such as airport and bicycle/pedestrian facilities.

2. Congestion Management System (CMS)

The local MPO staff has developed a "Congestion Management System" or "CMS". The objective of the CMS process is to insure that the urbanized area has considered a wide range of potential "low capital" solutions to existing or projected transportation problems before long-range commitments to major capital-intensive projects must be

made. The CMS provides information on the location and extent of recurring and non-recurring congestion, and develops strategies to mitigate these problems.

3. Project Planning

The improvement projects programmed in the TIP constitute the final phase of the planning, programming, and implementation process. Projects from the Long Range Transportation Plan and the Congestion Management System element are scheduled for implementation in the TIP as feasible.

Adopting and Amending the TIP

The TIP will be reviewed periodically and will be adopted every four years. The Huntsville Area Transportation Study (HATS) serves as the mechanism from which the final document is produced. Each of the HATS two standing committees (Technical Coordinating Committee and Citizens' Advisory Committee) receive the TIP and makes recommendations for adoption or amendment. The final TIP is officially adopted by the Metropolitan Planning Organization before it is forwarded to the various state and federal agencies.

The TIP can be amended at any time during the year. Procedures for amendment are the same as those for initial adoption.

Financial Constraint

Federal legislation requires that TIPs must be "financially constrained", that is, projects listed in the TIP must be consistent with funding reasonably expected to be available during the relevant period. Tables depicting financial constraint are shown for all funding categories identified in this TIP. Projects in the 4-year planning cycle are included within this plan. While some projects shown for FY 2012 may not show financial constraint for that specific year, they are included in the plan for illustrative purposes; to show the intent of the project's progression. An annual rebalancing of the TIP will be performed during fiscal years 2009 and 2010.

Visualization

Visualization of all projects included in this Transportation Improvement Program was accomplished by assigning map numbers to all projects where appropriate, and by providing maps at the end of each section which correlate to the maps numbers and project numbers. Additionally, a map is provided on page 2-1 which shows all projects scheduled within the MPO boundary.

Project Prioritization

According to federal legislation, the TIP must include a priority list of projects to be carried out in each four-year period after initial adoption and a financial plan that demonstrates how it can be implemented. The Alabama Department of Transportation reviews the proposed projects, along with all other projects proposed state-wide, and makes a recommendation to the Transportation Director. The Transportation Director determines the projects that will be included in the state TIP.

Locally, projects in the Surface Transportation Program Attributable Projects category, are selected by the MPO. This funding category makes limited federal appropriations available to local governments, with project costs shared locally and federally. Priorities established at the local level for inclusion in the TIP are based upon the following:

Status – A project that has advanced into actual pre-construction activity (preliminary engineering, right of way acquisition) or into some phase of construction would have higher priority than a project that is only scheduled for pre-construction activity.

Immediate Need – The quality of current traffic flow on an individual facility can be represented by the volume/capacity ratio. A route currently beginning to experience congestion would have a higher immediate improvement need than a route with free-flowing conditions.

Financial Factors – High priority projects are those with an implementation commitment, funding availability, and low implementation costs. Very costly projects that have not reached formal local project agreement or have not had funds allocated would be lower priority.

Other Factors – A project would be high priority if it complemented a companion project, enhanced safety, improved roadway conditions, coordinated with urban development activities, and other related factors.

At the present time, this TIP does not propose any new projects, but either carries over projects that were already identified in the previously adopted TIP or moves them up in the construction schedule. These actions were taken based upon anticipated funding availability. Additionally, the various scopes of projects have been programmed in specific years based upon the reasonable expected dates that the project will be ready to progress to the next pre-construction activity or be bid for construction. The sequence or progression of a project's scope is typically identified as: preliminary engineering, right-of-way acquisition, utility relocation, and construction.

Projects Authorized for Funding

Once a project is ready to begin or progress to its next level and funding is intact, the project is authorized. This action allows the project to start or move forward to the next pre-construction or construction activity, and releases appropriate funding sources for the project. The **Authorized Projects** table that follows shows a listing of all projects authorized for funding in FY 2006 and 2007.

Authorized Projects

Program	Table No.	FANBR	Project Number	Scope	Project Description	Project Length (miles)	Start Date	Type Of Work	Estimated Total Cost
Sponsor : ALDOT									
APD8	4	APD - 0235 (900)	100009791	PE	UPGRADE LANES ON SR-2 (US-72 - CORRIDOR "V") FROM CR-393 (MOORE'S MILL RD) TO EAST OF CR-321 (DUG HILL RD)	3.931	4/1/07	GRADE, DRAIN, BASE AND PAVE	\$300,000
DPSP	14	DPS - AL11 (903)	100046045	PE	MEMPHIS TO ATLANTA CORRIDOR FROM SR-53 (US-231) TO SR-1 (US-431), SOUTH OF HUNTSVILLE	8.3	10/1/06	PRELIMINARY DESIGN PE	\$375,000
EBSPL	2	EB - 0053 (501)	100032159	CN	SR-53 ADDITIONAL LANES FR CR-75 (MASTIN LAKE RD) TO SR-255 (RIDEOUT RD)	1.798	1/13/06	ADDITIONAL ROADWAY LANES	\$6,196,209
IBRCP	12	IBRCPF -STPAAF - I565 (306)	100043649	CN	REPAIR OF GIRDER ENDS ON I-565 BIN #015821 FROM RAMPS TO SR-1 (US-431) TO RAMPS @ WASHINGTON STREET IBRC PROJECT.	0.5	8/31/07	BRIDGE REPAIR	\$80,000
STAAL	2	IBRCPF -STPAAF - I565 (306)	100043649	CN		0.5	8/31/07	BRIDGE REPAIR	\$133,549
IMD05	5	IMD - I565 (307)	100050067	PE	I-565 NEW INTERCHANGE @ CR-3 (COUNTY LINE ROAD), ADD RAMPS TO EXISTING UNDERPASS	0.0	8/1/07	INTERCHANGE	\$500,000
STAAL	2	STPAA - 8525 (601)	100046322	PE	CR-17 (OLD MADISON PIKE RD) WIDEN & INTERSECTION IMPROVEMENTS AT SR-255 (RESEARCH PARK BLVD) AND RAMPS	0.0	2/1/06	GRADE, DRAIN, BASE, PAVE & BRG	\$75,000
STAAL	2	STPAA - 8525 (601)	100046323	CN	CR-17 (OLD MADISON PIKE RD) WIDEN & INTERSECTION IMPROVEMENTS AT SR-255 (RESEARCH PARK BLVD) AND RAMP	17.429	3/28/07	GRADE, DRAIN, BASE AND PAVE	\$1,761,695
STATS	7	ST-045-888-009 - ()	100047367	CN	WIDEN & RECONSTRUCT CR-266 (TAYLOR LN) FROM CR-263 (TAYLOR RD) TO SR-1 (US-431)	0.49	11/15/06	ROADWAY WIDENING	\$1,750,000
EBSPL	2	EBF - 0001 (524)	100047729	FM	SR-1 (US-431) RESURFACE FROM CR-250 (OLD BIG COVE RD) TO CALIFORNIA ST.	4.876	12/1/06	RESURFACING	\$2,186,731

Authorized Projects

Program	Table No.	FANBR	Project Number	Scope	Project Description	Project Length (miles)	Start Date	Type Of Work	Estimated Total Cost
99007	10	99-701-015-821 -601 ()	100048138	MC	REPAIR OF FIRE DAMAGED GIRDERS ON I-565 BRIDGE OVER DOWNTOWN HUNTSVILLE (BIN 015821)	0.0	1/15/06	BRIDGE REPAIR	\$42,794
SOLB	12	LB-124-045-001 - ()	100048694	LB	CONSTRUCTION OF MATERIALS AND EQUIPMENT STORAGE BUILDING AT THE FIRST DIVISON, DISTRICT TWO YARD	0.0	9/15/06	CONSTRUCT BUILDING LAND AND BUILDING FUNDS ONLY	\$350,000
IARA	7	IAR-045-000-006 - ()	100050351	CN	CONSTRUCT ACCESS ROAD BIOTECH DRIVE FROM CHALLENGER DRIVE TO EXPLORER BLVD. (PHASE I) TO BENEFIT HUDSON ALPHA INSTITUTE FOR BIOTECHNOLOGY	0.563	6/15/07	GRADE, DRAIN, BASE AND PAVE	\$600,000
OJTPL	12	OJT - SP07 (903)	100050703	SP	STATE TRANSPORTATION PROGRAM FOR HIGH SCHOOL STUDENTS AT ALABAMA A & M UNIVERSITY	0.0	9/2/07	UNCLASSIFIED	\$51,500
HPPH1	14	HPP - A148 (900)	100050926	PE	INVESTMENT GRADE STUDY ON SR-255X (HUNTSVILLE SOUTH BYPASS) FROM SR-53 (US-231) TO SR-255 (RIDEOUT ROAD) AND EXTENDING TO INTERSTATE I-565.	12.52	9/1/07	CORRIDOR STUDY	\$513,284
HPPL1	14	HPP - A148 (900)	100050926	PE		12.52	9/1/07	CORRIDOR STUDY	\$517,065
BACPH	11	BAC - BAC6 (903)	100048241	SP	ALDOT AND DPS OVERTIME ENFORCEMENT PROJECT SR-2 (US-72) LIMESTONE COUNTY	26.238	4/1/06	UNCLASSIFIED	\$282,310

Total By Sponsor

\$15,715,137

Sponsor : Ability Plus

UMTAC	9	UMTAC - TR10 ()	100050013	TR	SECTION 5310 ABILITY PLUS, INC., CAPITAL VEHICLE	0.0	6/15/07	UNCLASSIFIED	\$133,277
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Authorized Projects

Program	Table No.	FANBR	Project Number	Scope	Project Description	Project Length (miles)	Start Date	Type Of Work	Estimated Total Cost
Total By Sponsor									\$133,277
Sponsor : City of Huntsville									
HNTOA	1	STPAA - 4500 (210)	100008378	CN	ADD LANES ON TAYLOR RD FR SUTTON RD TO TERRY DRAKE RD PROJECT SPONSOR: CITY OF HUNTSVILLE.	2.5	3/31/06	ADDITIONAL ROADWAY LANES	\$9,323,615
HVST	1	STPHV- STPAA - 4500 (210)	100047803	UT		2.5	2/1/06	UTILITY ADJUSTMENT	\$107,750
STHVH	1	STPHV - 8539 (600)	100008534	RW	ADD LANES CR-388 (MERIDIAN ST) FROM CR-85 (OAKWOOD AV) TO PRATT AVENUE	0.72	2/1/06	ADDITIONAL ROADWAY LANES	\$1,175,000
HNTOA	1	STPAA - 4500 (213)	100033489	RW	WIDEN MERIDIAN ST (PH 2) FR PRATT AV TO MONROE ST PROJECT SPONSOR CITY OF HUNTSVILLE.	0.03	7/1/06	ADDITIONAL ROADWAY LANES	\$480,000
HVST	1	STPHV - CN06 (902)	100040805	CN	HUNTSVILLE TRAFFIC SIGNAL IMPROVEMENTS (VARIOUS LOCATIONS)	0.0	6/30/06	SIGNALIZATION	\$394,145
STHVL	1	STPHV - 8540 (600)	100041622	RW	WIDEING & RELOCATION OF CHURCH STREET TO ORCHARD ST. (PHASE 2) FROM PRATT AVE. TO CR-85 (OAKWOOD AVE.)	0.08	2/1/07	ADDITIONAL ROADWAY LANES	\$6,400,000
STHVH	1	STPHV - PE06 (903)	100042899	PE	HUNTSVILLE TRAFFIC SIGNAL IMPROVEMENTS (VARIOUS LOCATIONS)	0.0	2/1/06	SIGNALIZATION	\$75,000
GSPH5	12	DE - AL89 (905)	100046716	PE	FIVE POINTS IMPROVEMENT PROJECT, PHASE 3, IN THE CITY OF HUNTSVILLE; WILL MAKE CURB, SIDEWALK AND STREETSCAPE IMPROVEMENTS ALONG ANDREW JACKSON WAY, RUSSELL STREET	0.0	8/1/07	STREETSCAPE	\$50,000

Authorized Projects

Program	Table No.	FANBR	Project Number	Scope	Project Description	Project Length (miles)	Start Date	Type Of Work	Estimated Total Cost
AND WELLMAN AVENUE									
DEM04	8	DE - AL61 (900)	100046718	PE	FIVE POINTS IMPROVEMENT PROJECT LOCATED AT THE INTERSECTION OF HOLMES AVE & ANDREW JACKSON AVE IN DOWNTOWN HUNTSVILLE TO IMPROVE PEDESTRIAN FACILITIES (DE-AL61())	0.0	8/1/07	STREETSCAPE	\$50,000
GSPH5	12	DE - A105 (906)	100047433	PE	STREETSCAPE, DESIGN STREETSCAPE IMPROVEMENTS TO CR-74 (PROVIDENCE MAIN ST) BETWEEN SR-2 (US-72 - UNIVERSITY DR) AND CR-28 (OLD MONROVIA RD) TO PROVIDE TRAFFIC CALMING AND IMPROVED PEDESTRIAN ACCESS.	0.0	8/1/07	STREETSCAPE	\$100,000
UMPL	12	UMPL - TR06 ()	100047498	TR	SECTION 5303 HUNTSVILLE FOR FY 06	0.0	11/15/05	UNCLASSIFIED	\$48,975
STHVL	1	STPHV - 8514 (601)	100048352	PE	TRAFFIC SIGNAL INSTALLATION AT THE INTERSECTION OF CR-263 (TAYLOR RD) AND CR-242 (SUTTON RD) NEAR BIG COVE	0.0	2/1/07	SIGNALIZATION	\$15,000
STTEH	8	STPTE - TE04 (908)	100045025	CN	FLINT RIVER GREENWAY TRAIL LOCATED NEAR CHERRYTREE, SOUTH EAST OF BIG COVE, NORTH OF SR-1 (US-431) & WEST OF CR-242 (OLD 431 HIGHWAY)	0.0	3/15/06	UNCLASSIFIED	\$839,000

Total By Sponsor	\$19,058,485
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Sponsor : City of Madison									
STTEH	8	STPTE - TE04 (929)	100045052	CN	MADISON, BRADFORD CREEK GREENWAY & TRAIL, LOCATED WEST OF MADISON NEAR CR-3 (COUNTY LINE RD) FROM NORTH OF CR-21 (BROWN FERRY RD) TO NORTH OF SR-20	0.0	5/15/07	UNCLASSIFIED	\$1,170,000

Authorized Projects

Program	Table No.	FANBR	Project Number	Scope	Project Description	Project Length (miles)	Start Date	Type Of Work	Estimated Total Cost
STHVV	1	STPAA-STPHV - 4500 (212)	100008379	CN	GILLESPIE RD EXT , BROWN FERRY RD TO BALCH RD PROJECT SPONSOR: CITY OF MADISON.	1.165	7/27/07	GRADE, DRAIN, BASE AND PAVE	\$4,031,377
STHVV	1	STPAA-STPHV - 4500 (212)	100049461	UT	CR-26 (GILLESPIE RD) EXT., FROM CR-21 (BROWN FERRY RD) TO CR-17 (BALCH RD) NEAR MADISON.	0.9	7/1/07	UTILITY ADJUSTMENT	\$292,714

Total By Sponsor

\$5,494,091

Sponsor : Huntsville International Airport

AEROF	12	AEROF - M82 ()	100048744	CN	CONSTRUCT T-HANGAR & PARKING APRON - MADISON COUNTY - 2006	0.0	9/15/06	GRADE, DRAIN, BASE AND PAVE	\$1,434,895
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Total By Sponsor

\$1,434,895

Sponsor : Madison County

RPTO	9	RPTO - TR07 ()	100046657	TR	SECTION 5311 MADISON COUNTY OPERATING ASSISTANCE FOR FY 2007	0.0	1/15/07	UNCLASSIFIED	\$191,360
RPTO	9	RPTO - TR07 ()	100046662	TR	SECTION 5311 MADISON COUNTY ADMINISTRATION ASSISTANCE FOR FY 2007	0.0	1/15/07	UNCLASSIFIED	\$57,312
BROFL	6	BRZ - 4500 (214)	100043348	CN	BIN 002073 - BR ON CR-150 (WALKER LANE) OVER FLINT CREEK AND RELIEF, @ SULPHUR SPRINGS NE OF MERIDIANVILLE (AASHTO & PRECAST) MCP 45-116-03	0.593	6/30/06	BRIDGE REPLACEMENT	\$2,599,996

Authorized Projects

Program	Table No.	FANBR	Project Number	Scope	Project Description	Project Length (miles)	Start Date	Type Of Work	Estimated Total Cost
JARC	9	JARC - TR06 ()	100047908	TR	JARC, MADISON COUNTY, FY2006	0.0	1/15/06	UNCLASSIFIED	\$0
RPTO	9	RPTO - TR06 ()	100047943	TR	MADISON COUNTY, OPERATING ASSISTANCE, FY 2006	0.0	11/15/05	UNCLASSIFIED	\$172,602
RPTO	9	RPTO - TR06 ()	100047944	TR	MADISON COUNTY, ADMINISTRATION ASSISTANCE, FY 2006	0.0	11/15/05	UNCLASSIFIED	\$56,536
RPTOC	9	RPTOC - TR07 ()	100048916	TR	SECTION 5311, MADISON CO COMM, CAPITAL VEHICLE	0.0	10/15/06	UNCLASSIFIED	\$85,992
RPTO	9	RPTO - TR06 ()	100049120	TR	SECTION 5311 OPERATING FOR MADISON COUNTY	0.0	9/15/06	UNCLASSIFIED	\$10,000
RPTOC	9	UMTAC - TR07 ()	100049247	TR	SECTION 5311 MADISON CO COMM BUS SUPPORT EQUIPMENT	0.0	11/16/06	UNCLASSIFIED	\$22,317
JARC	9	JARC - TR07 ()	100049651	TR	JARC, MADISON COUNTY, TRANSIT, FY 2007	0.0	12/15/06	UNCLASSIFIED	\$23,889
RPTOC	9	RPTOC - TR11 ()	100050706	TR	SECTION 5311 MADISON COUNTY TRANSIT CAPITAL BUSES FOR FY 2007 (2MV)	0.0	9/3/07	UNCLASSIFIED	\$88,872

Total By Sponsor

\$3,308,876

Authorized Projects

Program	Table No.	FANBR	Project Number	Scope	Project Description	Project Length (miles)	Start Date	Type Of Work	Estimated Total Cost
Sponsor : Oakwood College									
FTA3C	9	FTA3C - TR05 ()	100046192	TR	SECTION 5309 OAKWOOD COLLEGE SHUTTLE PROJECT.	0.0	2/15/06	UNCLASSIFIED	\$159,566
Total By Sponsor									\$159,566

PROGRAM DESCRIPTIONS

INTERSTATE SYSTEM

Funds allocated for the local urbanized area in this category are typically through the Interstate Maintenance (IM) Program. The program provides funding for resurfacing, restoring, rehabilitating, and reconstructing routes on the Interstate System, including I-565 in the Huntsville Urbanized Area.

NATIONAL HIGHWAY SYSTEM

The National Highway System (NHS) Program provides funding for improvements to rural and urban roads that are part of the NHS, including the Interstate System and designated connections to major intermodal terminals. Major NHS corridors in the Huntsville urban area include I-565, U.S. 72, U.S. 231, U.S. 431 and the planned Southern Bypass.

SURFACE TRANSPORTATION PROGRAM

The Surface Transportation Program (STP) provides flexible funding that may be used by States and localities for projects on any Federal-aid highway, including the NHS, bridge projects on any public road, transit capital projects, and intracity and intercity bus terminals and facilities. A portion of funds reserved for rural areas may be spent on rural minor collectors. This funding appropriation is broken into two categories in this TIP: STP Attributable Funds (which requires a local match of funding to federal dollars) and Other STP Projects (which requires a State match of funding to federal dollars).

ENHANCEMENT PROJECTS

Enhancement Project funds are used to construct facilities such as bikeways, greenways, and other non-traditional projects that serve to strengthen the cultural, aesthetic, and environmental aspects of the intermodal system. Funding for these projects is typically procured through competitive grants. Included in this category is the Transportation and Community and System Preservation Pilot Program – a comprehensive initiative of research and grants to investigate the relationships between transportation and community and system preservation and private sector-based initiatives.

TRANSIT PROJECTS

Transit projects are typically funded through grants awarded by the Federal Transit Administration (FTA). These awards are in the following major categories:

FTA Section 5307 – This Urbanized Area Formula Grants Program provides transit capital and operating assistance to urbanized areas with populations of more than 50,000.

FTA Section 5309 – Assists in financing capital projects that benefit the country's transit system. Funding can be for the following: bus and bus-related activities, modernization of fixed guideway systems, and construction of new fixed guideway systems and extensions.

FTA Section 5311 – This Non-Urbanized Area Transportation Program provides transit capital and operating assistance, through the States, to non-urbanized areas (less than 50,000 population).

HIGH PRIORITY &
CONGRESSIONAL EARMARK
PROJECTS

These are projects that receive specially designated federal appropriations. Examples of these projects are the Memphis to Atlanta Highway and the Southern Bypass

OTHER FEDERAL &
STATE AID PROJECTS

These projects are funded with other federal or state designated revenues.

BRIDGE PROJECTS

Included in this category is the Highway Bridge Replacement and Rehabilitation Program. This program provides funds to assist the States in their programs to replace or rehabilitate deficient highway bridges and to seismic retrofit bridges located on any public road.

APPALACHIAN HIGHWAY
SYSTEM PROJECTS

This category provides funds for the construction of the Appalachian corridor highways in 13 States to promote economic development and to establish a State-Federal framework to meet the needs of the region. ARC Corridor V follows U.S. 72 through the urban area.

SYSTEM MAINTENANCE

These funds are used to perform maintenance on existing eligible facilities.

LEVEL OF EFFORT

Projects in the STIP/TIP which are referred to as LEVEL OF EFFORT (LVOE), represent certain unidentified projects which will be authorized during the given fiscal year. These projects are placed in the STIP/TIP according to selected funding programs with their anticipated apportionments for each fiscal year within the plan. The selected funding programs include:

- Transportation Enhancement Projects
- Safety Projects such as hazard elimination roadway and rail, high speed rail, seat belt, blood alcohol content, etc.
- Transportation and Community and System Preservation
- Recreational Trails
- Federal Aid Resurfacing Program
- GARVEE Bond Projects
- County Allocated Funds such as, off system bridge, optional bridge, and STP non-urban
- Federal Transit Sections 5311 (non-urban), and 5310 (Elderly and Disabilities)

Any of these LVOE type projects are pre-approved by the MPO and will not require any further MPO action prior to authorization. The MPOs will be notified as soon as the specific projects within their urban areas are selected and will have five days to decline the project.

ABBREVIATIONS

ALDOT	Alabama Department of Transportation
APD	Appalachian Development Program
BRG	Bridge
BRON	Bridge On-System
BS	Base
CN	Construction
DR	Drainage
FTA	Federal Transit Administration
G	Grade
ISTEA	Intermodal Surface Transportation Efficiency Act
LVOE	Level of Effort
NHS	National Highway System
P	Pavement
PE	Preliminary Engineering
RW	Right of Way
ST	State (Alabama Department of Transportation)
STP	Surface Transportation Program
STPAA	STP Any Area Program
STPHV	STP Huntsville Urbanized Area Program
TEA-21	Transportation Equity Act for the 21 st Century
TCSP	Transportation and Community and System Preservation Pilot Program
UT	Utilities Relocation

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