

2009 Municipal Street Needs Survey Findings

Prepared For:

Arkansas Blue Ribbon

Committee on

Highway Finance



Survey Findings

In early July the Arkansas Municipal League staff sent a street needs survey to various members in an attempt to obtain a representative sample of their needs. Furthermore the purpose of the survey is to obtain information on the specific municipal street needs and estimated dollar amounts required to meet those needs.

The represented sample survey results indicate that the number one (1) need of Arkansas's municipalities is street construction which consists of overlay, paving and pot hole repairs. The estimated total cost for this need is \$257,665,302. The number two (2) most indicated need is drainage, followed by improved traffic signals as the number three (3) need. The estimated total costs for these improvements from the representative sample cities are \$104,446,900 and \$19,411,000 respectfully.

Enclosed in this report is detailed information outlining the needs and cost estimates to meet these needs. Each of the attached graphs is categorized by population with the exception of one (1) comprehensive graph. The range of costs associated with each municipality is quite large. The lowest overall cost of projects is \$115,000 with \$90,000,000 being the highest overall cost of projects per municipality. The average overall cost of projects per municipality is \$11,296,000.

It is our hope the Committee will find this information useful. If additional information is needed, please contact the Arkansas Municipal League at 501-374-3484.

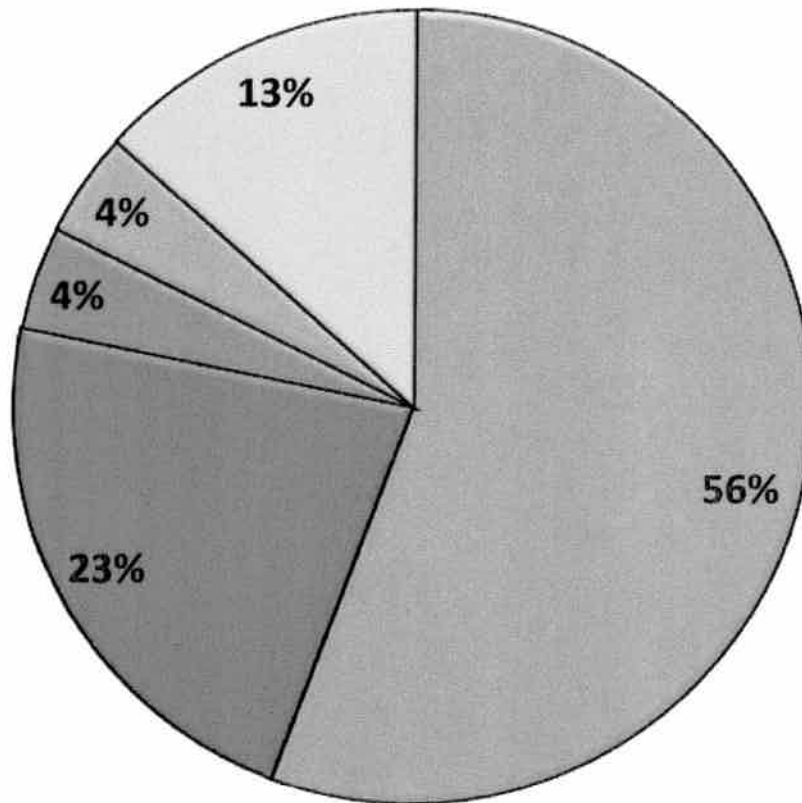
2009 Municipal Street
Needs Survey

	<u>Street Construction</u>	<u>Traffic Signals</u>	<u>Bridge Repairs</u>	<u>Drainage Projects</u>	<u>Other Projects</u>	<u>Amount</u>	<u>TOTAL</u>
	Overlay/Paving/ Potholes	Signs & Intersection Regulations		Curb/Gutter & Storm Drainage			
<u>Large First Class</u>							
Arkadelphia	1	5	4	2	3	\$90,000,000	
Benton	1	3	4	2	5	\$58,640,342	
Bryant	2	4	1	1	2	\$7,850,000	
Camden	5	1	3	4	2	\$7,900,000	
El Dorado	1	4	5	2	3	\$6,649,000	
Helena-West Helena	2	3	4	1	5	\$19,450,000	
Hot Springs	1	3	4	2	5	\$8,000,000	
Jacksonville	2	4	5	3	1	\$3,600,000	
Malvern	3	1	2	4	5	\$1,659,000	
Marion	1	N/A	N/A	2	3	\$2,500,000	
Maumelle	1	4	5	2	3	\$1,450,000	
Mountain Home	1	3	5	2	4	\$8,250,000	
Paragould	1	5	4	2	3	\$1,000,000	
Searcy	1	4	5	2	3	\$19,219,500	
Sherwood	1	5	3	2	4	\$11,800,000	
Stuttgart	1	3	5	2	4	\$1,450,000	
Texarkana	1	3	4	2	5	\$81,152,352	
Van Buren	1	4	3	2	5	\$89,264,000	
TOTAL	\$232,581,134	\$17,889,000	\$17,985,182	\$92,930,900	\$50,597,978	→	\$411,984,194
<u>First Class</u>							
Corning	1	2	5	3	4	\$525,000	
Dumas	1	5	4	2	3	\$935,000	
Farmington	1	4	3	2	5	\$2,733,000	
Heber Springs	4	2	5	3	1	\$4,810,000	
Lake Village	1	4	5	2	3	\$4,300,000	
Leachville	1	5	3	2	4	\$525,000	
Lowell	3	5	4	2	1	\$7,550,000	
Morrilton	1	3	4	2	5	\$300,000	
Pottsville	1	5	4	2	3	\$1,845,000	
Wynne	2	4	3	1	5	\$2,775,000	
TOTAL	\$11,783,000	\$1,385,000	\$1,695,000	\$10,375,000	\$8,910,000	→	\$34,148,000

2009 Municipal Street Needs Survey

	<u>Street Construction</u>	<u>Traffic Signals</u>	<u>Bridge Repairs</u>	<u>Drainage Projects</u>	<u>Other Projects</u>	<u>Amount</u>	<u>TOTAL</u>
	Overlay/Paving/ Potholes	Signs & Intersection Regulations		Curb/Gutter & Storm Drainage			
<u>Second Class</u>							
Caraway	1	5	3	2	4	\$156,000	
Fairfield Bay	2	5	4	1	3	\$10,500,000	
Haskell	1	4	3	2	5	\$750,000	
Marvell	1	N/A	N/A	2	N/A	\$500,000	
Mountain Pine	1	3	5	2	4	\$702,000	
Mulberry	1	N/A	N/A	N/A	2	\$900,000	
Rector	1	4	3	2	5	\$1,405,000	
Traskwood	1	3	4	2	5	\$400,000	
TOTAL	\$11,750,000	\$132,000	\$200,000	\$1,031,000	\$2,200,000	→	\$15,313,000
<u>Inc. Towns</u>							
Bigelow	1	3	4	2	5	\$523,000	
Higginson	1	4	5	2	3	\$115,000	
Lead Hill	1	4	5	2	3	\$175,000	
St. Charles	1	3	5	2	4	\$630,000	
Winchester	1	5	4	2	3	\$243,168	
TOTAL	\$1,551,168	\$5,000	\$20,000	\$110,000	N/A	→	\$1,686,168
<u>Comprehensive Total</u>							
	\$257,665,302	\$19,411,000	\$19,900,182	\$104,446,900	\$61,707,978	→	\$463,131,362
<u>Most Pressing Needs</u>							
#1	#2	#3	#4	#5			
Street Construction	Drainage Projects	Traffic Signals	Bridge Repairs	Other Projects			

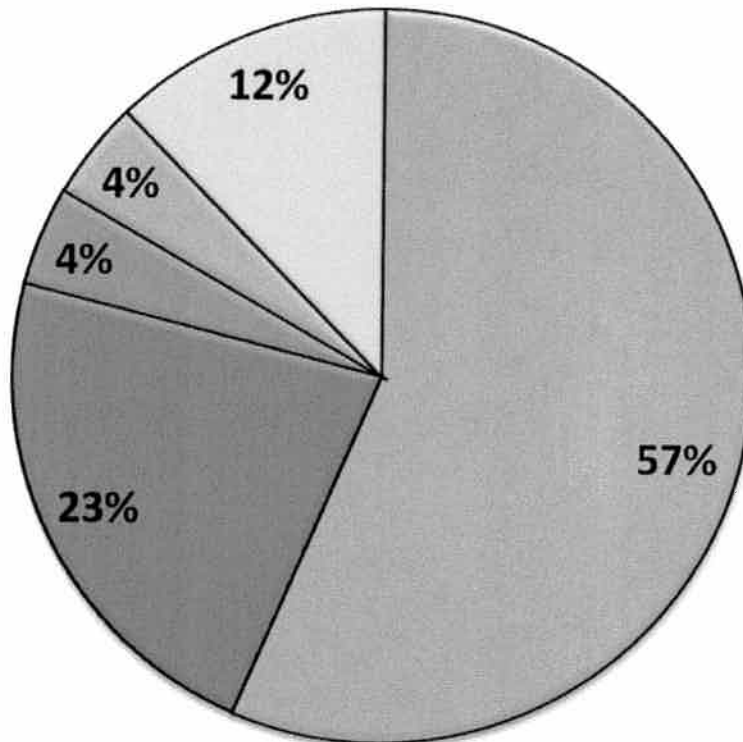
2009 Municipal Street Needs Survey
Comprehensive Results
by
Project Priority



- Street Construction - \$257,665,302
- Drainage Projects - \$104,446,900
- Traffic Signals - \$19,411,000
- Bridge Repairs - \$19,900,182
- Other Projects - \$61,707,978

2009 Municipal Street Needs Survey

Total Project Dollars
Large First Class Cities
Population: 9,000 and Above



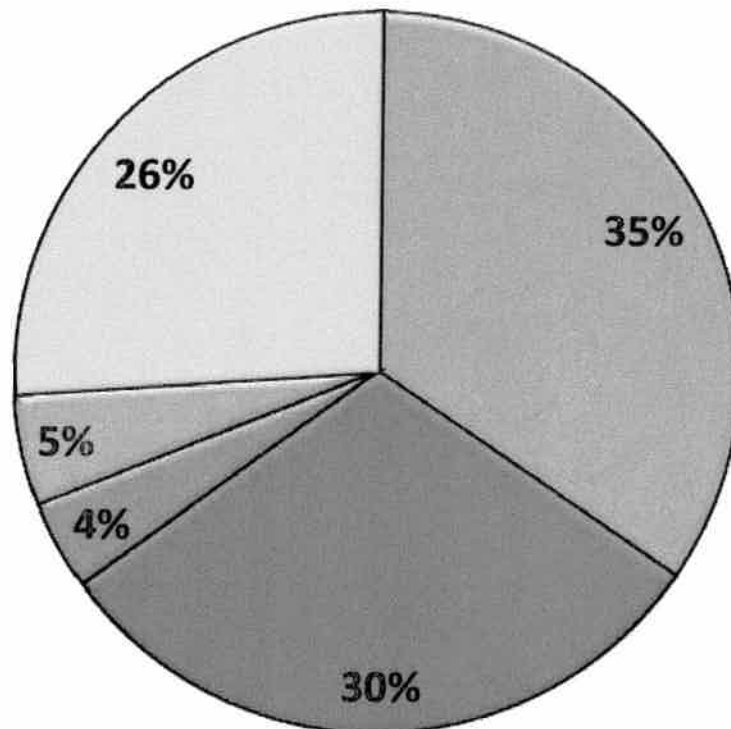
- Street Construction - \$232,581,134
- Drainage Projects - \$92,930,900
- Traffic Signals - \$17,889,000
- Bridge Repairs - \$17,985,182
- Other Projects - \$50,597,978

2009 Municipal Street Needs Survey

Total Project Dollars

First Class Cities

Population: 2,500-8,999



■ Street Construction - \$11,783,000

■ Drainage Projects - \$10,375,000

■ Traffic Signals - \$1,385,000

■ Bridge Repairs - \$1,695,000

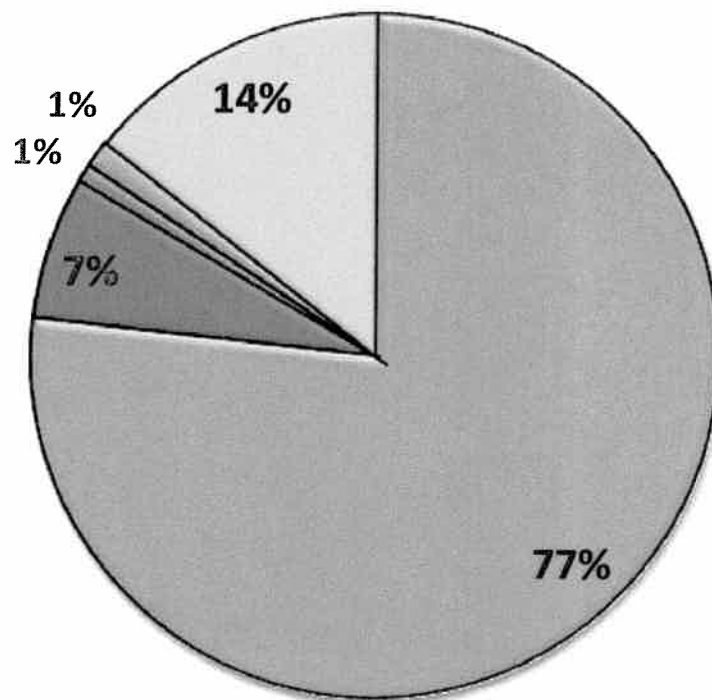
■ Other Projects - \$8,910,000

2009 Municipal Street Needs Survey

Total Project Dollars

Second Class Cities

Population: 500-2,499



■ Street Construction - \$11,750,000

■ Drainage Projects - \$1,031,000

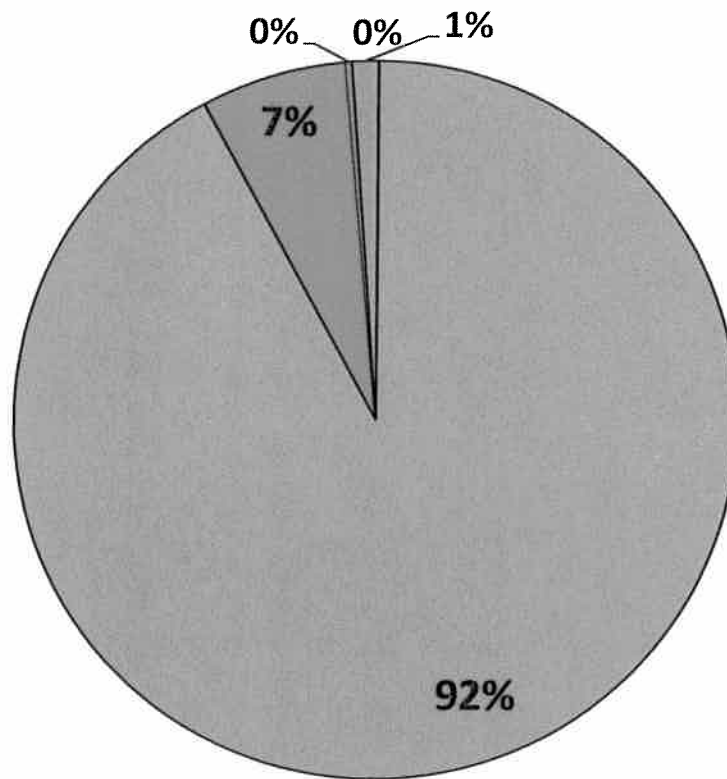
■ Traffic Signals - \$132,000

■ Bridge Repairs - \$200,000

■ Other Projects - \$2,200,000

2009 Municipal Street Needs Survey

Total Project Dollars
Incorporated Towns
Population: 1-499



- Street Construction - \$1,551,168
- Drainage Projects - \$110,000
- Traffic Signals - \$5,000
- Bridge Repairs - \$20,000
- Other Projects - \$0

City Street Program

Annual Funds Available

Federal-aid Surface Transportation Program.....	\$4.0 million
Federal-aid Bridge Program.....	\$2.0 million
State-aid City Street Funds.....	\$0.0 million
(Act 982 of 1975)	
<u>Highway Revenue Turnback.....</u>	<u>\$82.0 million</u>

TOTAL ANNUAL FUNDS AVAILABLE.....\$88.0 million

Chapter 72 Highway Revenues for Local Aid

Subchapter 4 — State Aid Streets

Subchapter 4 — State Aid Streets

- 27-72-401. Definition.
- 27-72-402. Coordination with state aid road system.
- 27-72-403. Prohibited projects.
- 27-72-404. Receipt and expenditure of money.
- 27-72-405. State aid engineer.
- 27-72-406. Notice of municipal eligibility.
- 27-72-407. State Aid Street Account.
- 27-72-408. Apportionment and transfer of funds.
- 27-72-409. Prerequisite for allocations from account.
- 27-72-410. Expenditure requirements.
- 27-72-411. Street maintenance by municipality — Failure to maintain.

Preambles. Acts 1981, Nos. 363 and 522 contained identical preambles which read:

“Whereas, Federal Revenue Sharing funds coming to the State of Arkansas, pursuant to the State and Local Fiscal Assistance Act of 1972, P.L. 92-512, as amended, have been terminated by Congress; and

“Whereas, such Congressional action has thereby terminated future additional funding from revenue sharing sources for the State Aid Street Program; and

“Whereas, the prompt release of outstanding uncommitted ‘revenue sharing funds’ in the State Aid Street Account for use in general street improvement and repair will be economic and efficient for the municipalities as a step toward the amelioration of their very burdensome problems in the construction and upkeep needs for their street programs;

“Now, therefore....”

27-72-401. Definition.

As used in this subchapter, unless the context otherwise requires, “state aid streets” means those streets or state highways determined to be on the Federal-Aid Urban System as defined in the Federal-Aid Highway Act of 1973 and any other public streets jointly selected by the Arkansas State Highway and Transportation Department and responsible municipal officials as determined by the governing body. System mileage and modification will be in accordance with

federal directives or concurrent state and municipal action.

History. Acts 1973, No. 445, Title II, § 1, as added by Acts 1975, No. 982, § 1; A.S.A. 1947, § 76-463.

U.S. Code. The Federal-Aid Highway Act of 1973, referred to in this section, is codified as 23 U.S.C. § 101 et seq.

27-72-402. Coordination with state aid road system.

Every effort will be made to coordinate the establishment of the state aid system with the state aid street system to assure system continuity.

History. Acts 1973, No. 445, Title II, § 1, as added by Acts 1975, No. 982, § 1; A.S.A. 1947, § 76-463.

27-72-403. Prohibited projects.

(a) No funds shall be spent hereunder on any project which shall not culminate directly in a paved hard-surfaced street. None of these funds shall be used for maintenance of state aid streets.

(b) Surface overlays of state aid streets are eligible for funding.

History. Acts 1973, No. 445, Title II, § 7, as added by Acts 1975, No. 982, § 1; A.S.A. 1947, § 76-469.

27-72-404. Receipt and expenditure of money.

Any municipality shall be entitled to receive and to expend state aid street moneys in conjunction with moneys furnished by the municipality or available federal funds on state aid streets within the municipality, provided that:

- (1) The state aid street system has been designated;
- (2) The city has a legally adopted improvement code for city street construction or presents a street improvement plan prepared by a registered professional engineer;
- (3) An annual street improvement program has been approved by the state aid engineer;
- (4) The state aid engineer determines that the street improvements are determined to be adequate based on the local conditions and are not in conflict with federal regulations.

History. Acts 1973, No. 445, Title II, § 2, as added by Acts 1975, No. 982, § 1; 1977, No. 809, § 1; 1977 (Ex. Sess.), No. 24, § 2; 1979, No. 199, § 2; A.S.A. 1947, § 76-464.

27-72-405. State aid engineer.

The state aid engineer, under the direction of the Director of State Highways and Transportation, shall have the following powers and duties:

(1) Supervise and inspect all state aid street projects as the work progresses. Upon final completion of any project, the state aid engineer shall cause a final inspection to be made of such project for the purpose of determining whether the project has been completed satisfactorily in accordance with the plans and specifications. If satisfactorily completed, he shall approve payment of the final estimate on the project. The state aid engineer must certify partial and final completion of municipal street improvement utilizing state aid street funds. No progress or final estimate either on a contract or a force account project shall be paid unless approved in such manner by the state aid engineer, and on all contracts or force accounts projects a percentage of ten percent (10%) of each estimate thereon paid shall be retained until final acceptance of such project;

(2) Be subject to the direction of the State Highway Commission, provided that both the state aid engineer and the State Highway Commission shall be bound by the provisions hereof;

(3) Be responsible for notifying the local municipalities of the state aid street funds that are available for street improvements and certifying payment of the funds when satisfied that street work has been completed by the municipality or by contract;

(4) Prepare and distribute procedures to the various municipalities under which the state aid street funding program will be administered and assist those municipalities desiring aid in developing street improvement standards, but no statewide street specifications will be issued.

History. Acts 1973, No. 445, Title II, § 3, as added by Acts 1975, No. 982, § 1; 1977, No. 809, § 4; A.S.A. 1947, § 76-465.

27-72-406. Notice of municipal eligibility.

When any municipality shall have met the requirements of this subchapter and shall have become eligible for state aid money, the state aid engineer, as soon as practicable, shall notify the municipality in writing of its eligibility and that its proportionate part of any state funds allocated to it for state aid may be utilized for construction or improvement on the state aid street system in the manner provided in this subchapter.

History. Acts 1973, No. 445, Title II, § 4, as added by Acts 1975, No. 982, § 1; 1977, No. 809, § 2; 1977 (Ex. Sess.), No. 24, § 3; 1979, No. 199, § 3; A.S.A. 1947, § 76-466.

27-72-407. State Aid Street Account.

There is created a State Aid Street Account of the State Highway and Transportation Department Fund, which shall consist of those federal general revenue-sharing moneys allocated and distributed in accordance with laws enacted by the General Assembly and there to be used as provided by the provisions of this subchapter, as amended.

History. Acts 1973, No. 445, Title II, § 5, as added by Acts 1975, No. 982, § 1; 1977, No. 241, § 2; 1977 (Ex. Sess.), No. 23, § 3; A.S.A. 1947, § 76-467.

27-72-408. Apportionment and transfer of funds.

(a) Apportionment of state aid street funds, as provided in § 27-72-407, shall be based upon the ratio that the population of each municipality bears to the total municipal population in the state, as determined by the last available census. However, no municipality shall be apportioned more than ten percent (10%) of the revenues.

(b) The balance of revenue-sharing and other funds in the State Aid Street Account standing to the credit of any municipality that does not have a project on which work is underway on April 1, 1981, or provisions made therefor, under the provisions of this subchapter shall be transferred to the street fund of that municipality, there to be used for the construction, maintenance, or repair of the streets of the municipality in such manner as the municipality shall deem appropriate and in accordance with pertinent federal laws and regulations. The municipality shall be forever released from further obligation to the Arkansas State Highway and Transportation Department under the provisions of this subchapter.

(c) Following completion of the work and final payment of all allowable costs on each municipality's projects that were in progress on or after April 1, 1981, under the provisions of this subchapter, the outstanding revenue-sharing and other moneys remaining in the State Aid Street Account to the credit of the municipality shall be transferred to the street fund of that municipality, there to be used for the construction, maintenance, or repair of the streets of the municipality in such a manner as the municipality shall deem appropriate and in accordance with pertinent federal laws and regulations. The municipality shall be forever released from further obligation to the Arkansas State Highway and Transportation Department under the provisions of this subchapter.

(d) In the event that revenue-sharing money shall become available to the municipalities under the provisions of this subchapter subsequent to the calendar year 1981, then the moneys shall be apportioned to the municipalities as above provided and paid to the municipalities in the same manner and for the same purposes as provided herein for the funds credited to the municipalities on April 1, 1981.

History. Acts 1973, No. 445, Title II, § 6, as added by Acts 1975, No. 982, § 1; 1977, No. 809, § 3; 1977 (Ex. Sess.), No. 24, § 4; 1979, No. 199, § 4; 1981, No. 363, § 1; 1981, No. 522, § 1; A.S.A. 1947, § 76-468.

27-72-409. Prerequisite for allocations from account.

Except as otherwise provided in § 27-72-408(a), for a municipality to receive funds available in the State Aid Street Account of the State Highway and Transportation Department Fund, the funds must be matched in a ratio of seventy percent (70%) state aid street funds to not less than thirty percent (30%) municipal matching funds, and the municipality must comply with all provisions in this subchapter.

History. Acts 1973, No. 445, Title II, § 6, as added by Acts 1975, No. 982, § 1; 1977, No. 809, § 3; 1977 (Ex. Sess.), No. 24, § 4; 1979, No. 199, § 4; 1981, No. 363, § 1; 1981, No. 522, § 1; A.S.A. 1947, § 76-468.

27-72-410. Expenditure requirements.

Expenditure of funds credited to the State Aid Street Account of the State Highway and Transportation Department Fund shall be in the following manner:

(1) The combined state and municipal funds may be utilized as matching funds for acquiring additional federal-aid funding for street work, unless specifically prohibited by federal law;

(2) All rights-of-way required on state aid street projects shall be acquired by the municipality, and any cost of rights-of-way shall not be considered a part of the cost of any project contemplated by this subchapter;

(3) No state aid street funds shall be released to the municipality until the municipality executes an annual agreement that the thirty percent (30%) matching share will be available and that the state aid street funds and matching funds will be carried as a special item on the municipal budget and utilized exclusively for street improvements authorized under this subchapter;

(4) Eligible street improvements can be performed by municipal forces or by contract administered by the municipality or Arkansas State Highway and Transportation Department. However, any projects in excess of fifty thousand dollars (\$50,000) shall be submitted to bid, and the lowest responsible bid shall be accepted;

(5) The state aid street funds will be provided on a seventy percent (70%) cost-reimbursable basis as progress vouchers are issued or after the project is complete.

History. Acts 1973, No. 445, Title II, § 8, as added by Acts 1975, No. 982, § 1; A.S.A. 1947, § 76-470.

27-72-411. Street maintenance by municipality — Failure to maintain.

(a) It shall be the duty of each municipality to properly maintain all state aid streets within its jurisdiction that have been constructed or improved with state aid street funds.

(b) Failure to maintain such streets to an acceptable level determined by the state aid engineer can result in denial of future state aid street funds.

History. Acts 1973, No. 445, Title II, § 9, as added by Acts 1975, No. 982, § 1; A.S.A. 1947, § 76-471.

Revenue Generated by:

	<u>TOTAL</u>	<u>AHTD</u>	<u>CITIES/COUNTIES</u>
• Add'l 1¢ gasoline tax	\$14.1M	\$9.6M	\$2.1M
• Add'l 1¢ diesel tax	\$6.6M	\$4.5M	\$1.0M
• Add'l \$10 reg. (cars and p'ups)	\$22.3M	\$15.1M	\$3.2M
• Add'l \$150 reg. (In-State trucks)	\$12.7M	\$8.6M	\$1.8M
• Add'l \$150 reg. (hvy. Trucks)	\$4.6M	\$3.1M	\$0.7M
• Remove sales tax exemption on motor fuels (gasoline and diesel)	\$233.3M	\$158.4M	\$33.9M
• Transfer 4.5% sales tax on:			
New vehicles	\$143.6M	\$97.5M	\$20.9M
Used vehicles	\$90.7M	\$61.6M	\$13.2M
Auto repair parts, services	\$186.3M	\$126.5M	\$27.1M
Retail tire sales	\$14.5M	\$9.9M	\$2.1M
• \$1 battery fee	\$0.6M	\$0.4M	\$0.1M
• \$1 tire fee	\$2.8M	\$1.9M	\$0.4M
• Add'l 1% general sales tax	\$469.0M	\$318.4M	\$68.2M