

Complete
1998-2002

Iowa Transportation
Improvement Program

HE
213
.18
169
1998

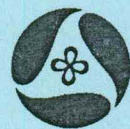


Iowa Department
of Transportation

Partial
1998-2002
Iowa Transportation
Improvement Program

Does Not Include

Transit and Highway Sections



Iowa Department
of Transportation

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Partial 1998-2002 Iowa Transportation Improvement Program

Does Not Include

Transit and Highway Sections

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DEPARTMENT OF TRANSPORTATION



Iowa Department
of Transportation



Aviation

Aviation Program

Prior to 1991, funding for the aviation program came from the State Aviation Fund. Revenues for the fund came from aircraft registrations, an 8-cent-per-gallon user fee on aviation gasoline and a 3-cent-per-gallon user fee on jet fuel. In 1991 the Iowa General Assembly passed legislation which transferred these receipts into the General Fund. In lieu of funding from the State Aviation Fund, the Legislature appropriates funds for aviation projects. The Legislature appropriated \$2.472 million for the aviation program during FY 1998.

Airport System Planning

The Iowa Aviation System Plan provides guidance for the Iowa Transportation Commission's policy and programming decisions. An updated system plan was approved by the Commission in November 1991. Highlights of the 1991 Iowa Aviation System Plan include:

- stratification of the state's publicly owned airports into levels of national, regional, state and local significance;
- introduction of commercial and general aviation investment strategies; and
- a greater emphasis on planning and programming efforts of state system airports.

Continuous system planning efforts have concentrated on plan implementation, including reviewing airport layout plans, reviewing airport master plans, assisting in the review and updating of five-year capital improvement programs, and developing long-range needs assessments for all general aviation airports. Also, the aviation data collection activities have expanded to include landside facilities inventories for all airports, and aircraft counts being taken on a three-year cycle. FY 1998 system planning efforts include:

- developing alternatives to help determine the direction of the state's long-range aviation plan;
- reviewing and updating selected airport layout plans;
- reviewing and updating the 1991 Aviation System Plan as an element of state transportation planning; and
- Pavement Management.

Air Service Marketing

One of the most cost-effective means of building demand for air service is to increase public awareness of the service that already exists. Therefore, the Department will provide matching grants to assist commercial air service airports in planning and implementing public awareness programs. These grants are also aimed at improving air service by existing or entry air lines.

There is \$300,304 in state funds allocated to the FY 1998 air service marketing program. The funding is available to the 10 commercial service airports in the state on a reimbursement basis of 50 percent of the project cost. The FY 1998 allocations are shown on page 4.

Aviation Education/Promotion

Chapter 328.12 of the Iowa Code directs the Department to "encourage, foster and assist in the general development and promotion of aeronautics in this state and make disbursements from the State Aviation Fund for such purposes." A specific program allocation of \$26,500 is provided this year for aviation education and promotion.

Aviation Weather

The current Iowa Aviation Weather System (IAWS) consists of a network of automated weather observation systems (AWOS) around the state. These AWOS sites supplement existing and proposed federal AWOS and automatic service observation systems (ASOS) installations, and are interconnected via the state telecommunications network. A map showing AWOS locations is on page 6.

This year's Aviation Program includes \$100,000 for the operation and maintenance of the AWOS and data transfer systems.

Runway Marking Program

This safety-related program involves runway and taxiway marking at public airports. Funding for the FY 1997 runway marking program is \$100,000. The 1998 runway program schedule is shown on page 4.

Windsock Program

The Iowa Department of Transportation stocks and distributes windsocks to all public airports in Iowa. The windsocks are provided at no cost to the airports as a state investment in aviation safety. This year \$12,000 has been allocated to the windsock program.

Airport Improvement Program

Funds are programmed each year for major construction to enhance safety, preserve existing infrastructure, and expand publicly owned and operated airports in Iowa. State funding is available on a reimbursement basis of 70 percent of the project cost. FY 1998 projects are listed on page 4.

Facilities and Equipment Program

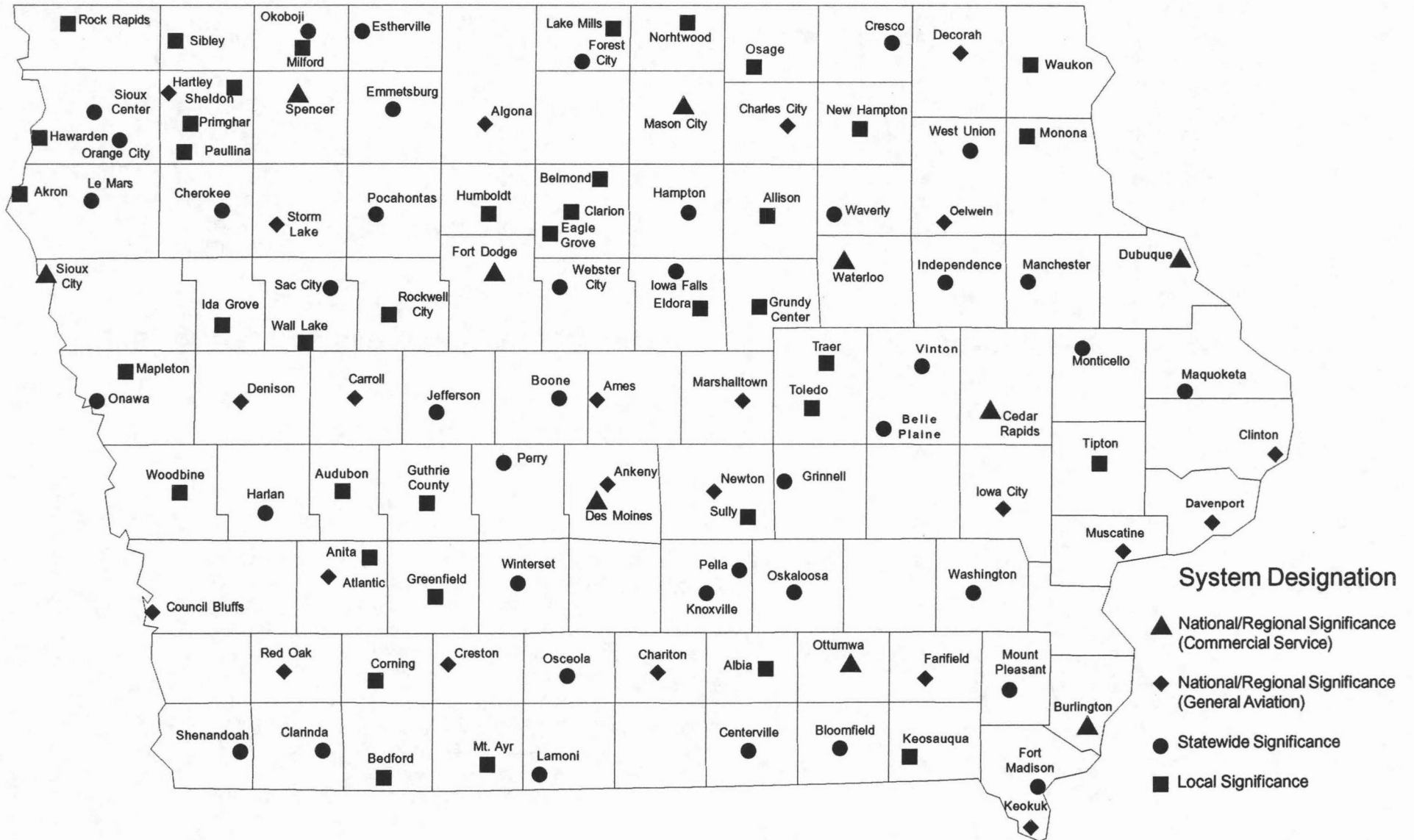
Applications for funds to purchase and install visual and navigational aids, communications equipment, obstruction lighting and meteorological equipment can be submitted to the DOT for possible inclusion in the State Airport Improvement Program. In addition, the state sets aside funding each year for "emergency" facility and equipment needs. Fifty thousand dollars has been set aside for emergency needs in FY 1998.

Departmental Information and Services

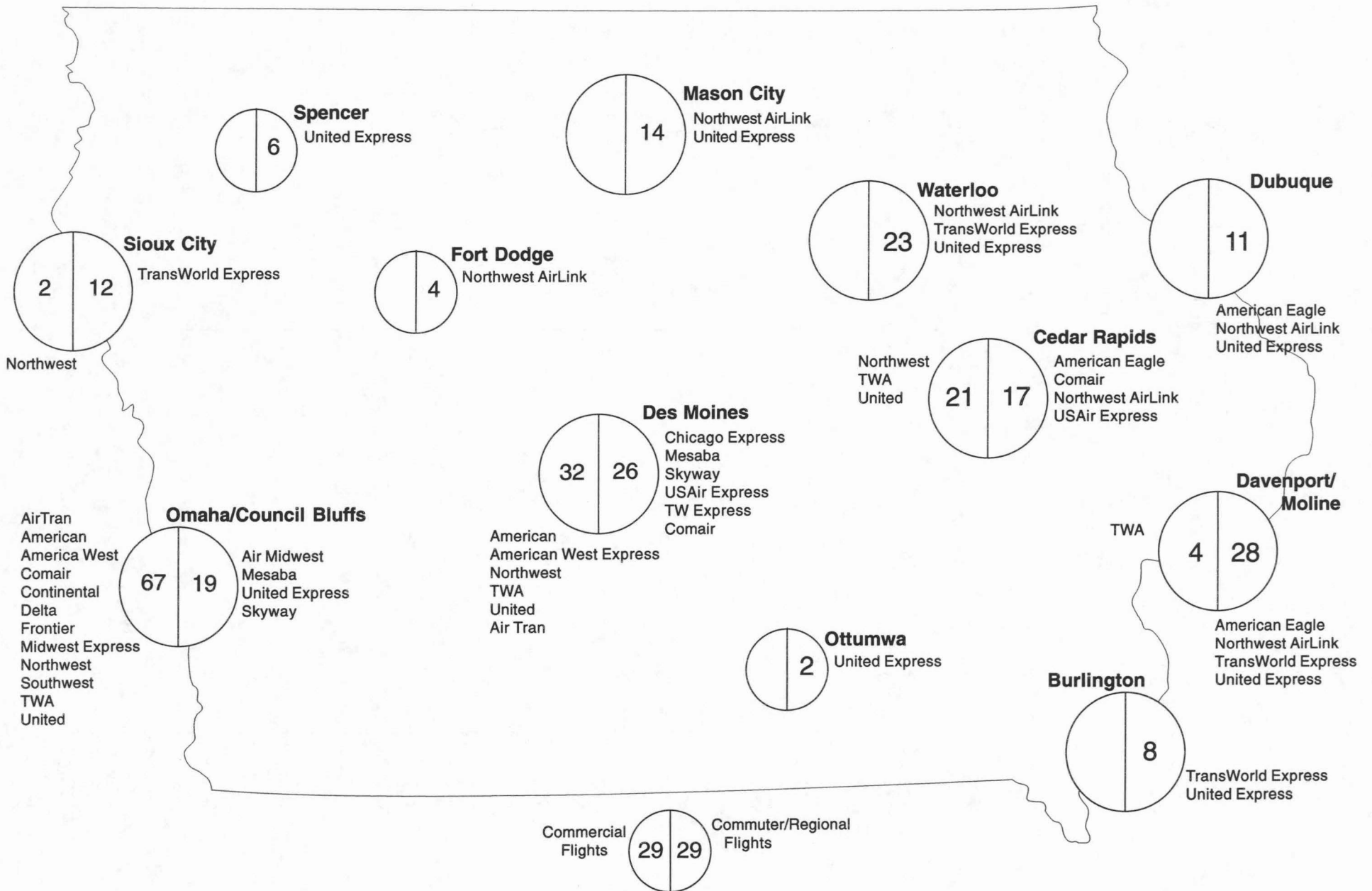
The Iowa DOT provides management and technical assistance in airport design, construction, safety, zoning and community air service needs.

Requests for assistance or information should be addressed to the Iowa Department of Transportation, Office of Local Systems - Airports, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1378.

Iowa Publicly Owned Airports

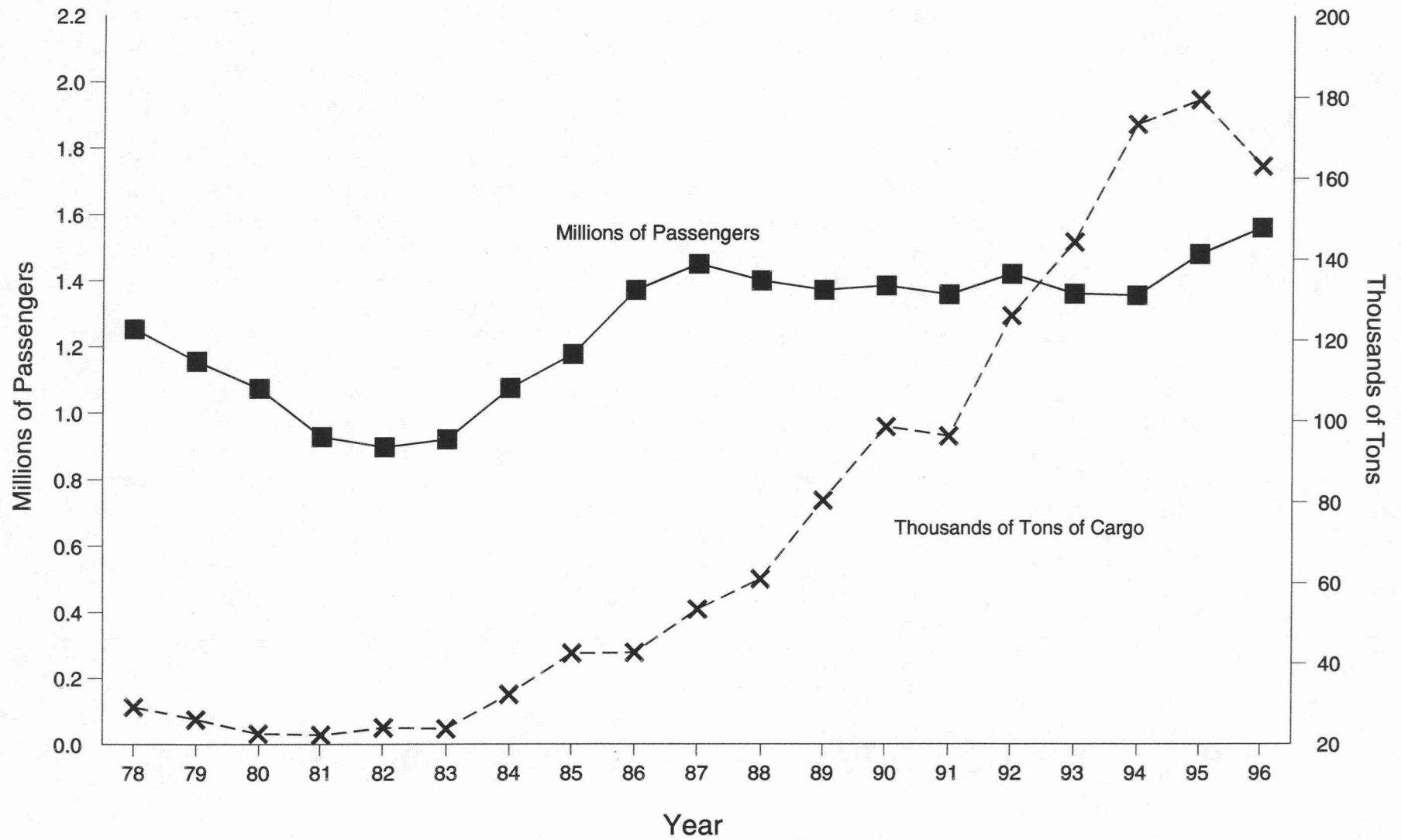


Air Passenger Service, September 1997



Average Weekday Departures

Cargo/Air Passenger Movement in Iowa



Railroad

Railroad Program

These programs and activities are administered to encourage and assist development and maintenance of a safe, efficient and economical railroad transportation system.

Planning and Programming Division

Rail System Planning

As an element of *Iowa in Motion*, an update to the 1995 Iowa Rail Plan is in progress that will implement the rail directions set forth in the adopted State Transportation Plan. The purpose of the rail implementation action plan is to provide guidance in the decision-making process associated with investing state resources in the Iowa rail system. Specific program guidelines will be developed in the rail implementation plan update.

The Transportation Improvement Program identifies the state railroad policies and directions, provides information regarding the condition of rail transportation in Iowa, reviews the accomplishments of the state rail assistance and safety programs, evaluates new candidates for state and federal assistance, identifies current railroad issues, and proposes some possible alternative strategies and actions. For more information call 515-23-1669.

Rail Assistance Program

A total of 1,730 miles of Iowa railroad branchline has been rehabilitated since the start of Iowa's Rail Assistance Program in 1974. Many of these lines were in such bad shape they would have been abandoned had they not been repaired. Repair was financed with \$160 million in shipper, railroad, federal and state funds.

State and federal funds are available to aid preservation of service to Iowa rail shippers and to encourage economic development along Iowa's rail system. Preservation of rail service is supported by rail assistance projects. Development or retention of industries is aided by economic development projects. The Rail Assistance Program may provide grants or loans for up to 80 percent of the costs for either type of project.

A rail assistance project may involve restoration, improvement or construction of rail lines used in common carrier freight service. Generally, the Department, shippers on the rail line, and the railroad company each provide a share of the financing for projects. A rail assistance project must have an evaluation in the "Iowa Railroad Analysis Update" (rail plan) or represent an immediate need to be eligible for funding. For more information call 515-239-1145.

Rail Economic Development Program

Rail economic development projects may be used to restore, improve or construct new rail lines. Funding is based on the non-speculative creation of new jobs and capital investment, or the retention of existing jobs and capital investment that would otherwise be lost to Iowa. These projects usually involve

rehabilitation or construction of spur tracks needed to serve a new industry, or improvement of facilities at an existing industry. A total of 40 projects has received funding approval by the Transportation Commission since the inception of the Rail Economic Development Program in 1986. These projects have been financed with \$3.6 million in state funds, and 3,040 jobs have been assisted. A list of these projects along with some related information, is on page 18 of this report. Applicants for economic development funds must be cities or counties, and there is a maximum of \$100,000 per project. For more information call 515-239-1145.

Iowa Railway Finance Authority

The Legislature created the Iowa Railway Finance Authority (IRFA) in 1981. As a separate state board appointed by the Governor and staffed by Iowa DOT personnel, IRFA offers financial assistance for acquisition, refinancing or improvement of essential rail lines. IRFA financial assistance may take the form of low-interest loans, grants, limited partnerships, or state ownership and operation. This program can provide loans or grants for up to 80 percent of the cost of rail line acquisitions and up to 90 percent of the cost of rehabilitation projects. For more information call 515-239-1145.

Railroad Restructuring

Restructuring of Iowa's rail system is an ongoing process due to line abandonments, company mergers and acquisitions of existing lines by shippers or other railroads. There have been 3,452 miles of track lost in Iowa since 1975. Rail carriers or shipper organizations have acquired an additional 1,673 miles of abandoned lines to provide continued service.

The DOT holds public meetings with shippers along lines proposed for abandonment to review and discuss alternatives to abandonment. Options include shipper purchase and operation, or operation by regional or short-line railroads. In addition, the DOT may submit comments to the Surface Transportation Board.

The DOT reviews proposed railroad mergers, consolidations or acquisitions of Iowa rail carriers or lines, and other transactions that may affect the ability of carriers to provide competitive service to Iowa shippers. For more information call 515-239-1145.

Intrastate Regulation

The DOT is responsible for supervising and regulating railroad companies operating within Iowa. The division may adjudicate disputes involving spur track abandonments and removal, bridge repairs, blocked crossings, crossing repairs, rail property arbitration cases, right-of-way fencing, and railroad operations addressed by state laws. An average of 30 cases have been considered by the Department each year since 1986.

Freight Service Provided by Railroads Operating in Iowa

December 31, 1996

Railroad Companies		Total Miles Owned/Leased	Percent of Total	Miles Operated Under Trackage Rights #
Class I	Burlington Northern Santa Fe Railroad (BNSF)	693	16.14%	39
	Norfolk & Western Railway (NW)	22	0.51%	37
	CP Rail System (Soo)	654	15.24%	35
	Union Pacific Railroad (UP)	1,676	39.05%	77
	Subtotal	3,045	70.94%	188
Class II	Chicago Central & Pacific Railroad Company (CC)	558	13.00%	0
	Dakota, Minnesota & Eastern (DME)	0	0.00%	24
	Iowa Interstate Railroad (IAIS)	335	7.81%	23
	Subtotal	893	20.81%	47
Class III	Appanoose County Community Railroad Company (APNC)	35	0.82%	0
	Burlington Junction Railway(BJRY)	2	0.05%	0
	Cedar Rapids & Iowa City(CIC)	60	1.39%	0
	Cedar River Railroad (CEDR)	83	1.93%	0
	Council Bluffs Railway Co. (CBGR)	3	0.07%	0
	D & I Railroad Company (DAIR)*	0	0.00%	39
	Iowa Northern Railroad Co. (IANR)	118	2.75%	29
	Iowa Traction Railway Company (IATR)	13	0.31%	0
	Keokuk Junction Railway Co. (KJRY)	1	0.02%	0
	Subtotal	315	7.34%	68
Other	State of South Dakota *	39	0.91%	0
Total		4,292	100%	303

Rights obtained by one carrier to operate over the tracks of another carrier.

* The State of South Dakota owns the track that D & I operates under trackage rights.

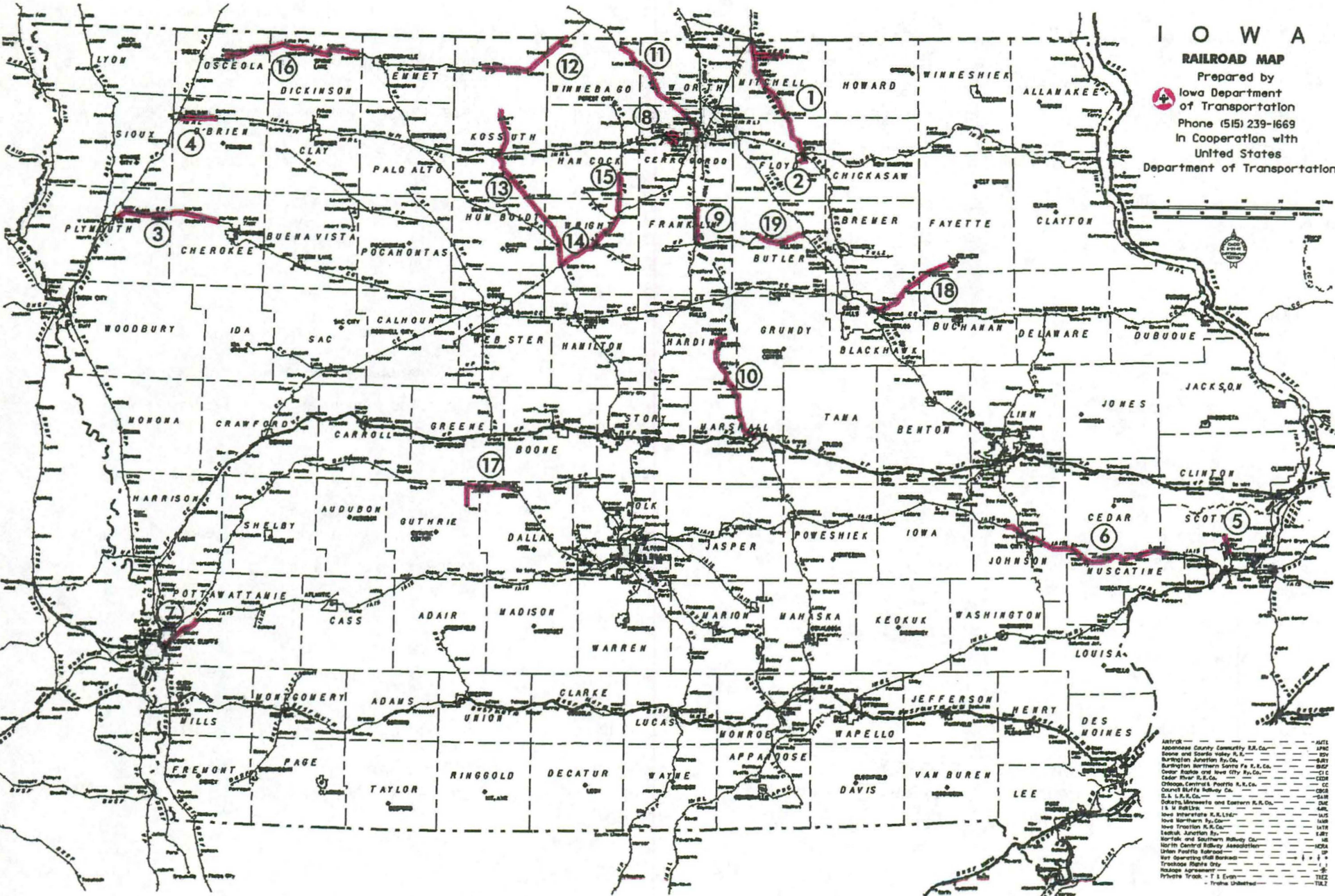
Figures as reported in Annual Reports for Class I, II or III Railroads. According to the AAR's 1996 Edition "Railroad Facts", the revenue threshold for Class I Railroads is \$255.9 million or more in annual operating revenues. Class II Railroads are those earning between \$20.5 million and \$255.9 million, and Class III Railroads are those earning below \$20.5 million.

Potential Rail Assistance Projects and IRFA Projects

I O W A

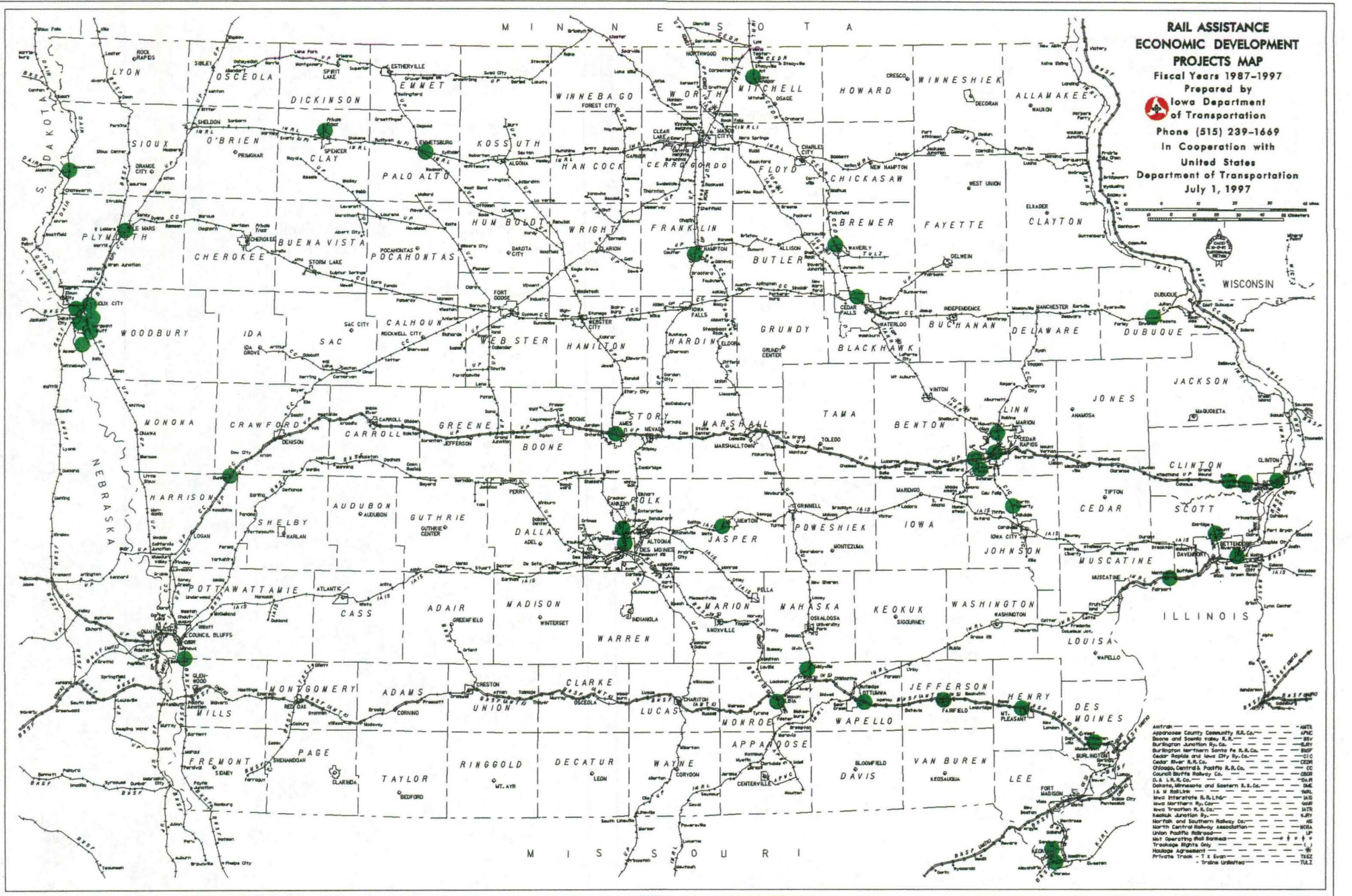
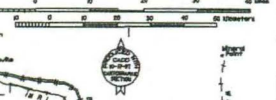
RAILROAD MAP

Prepared by
 Iowa Department
 of Transportation
 Phone (515) 239-1669
 In Cooperation with
 United States
 Department of Transportation



Atlantic Coast Community R.R. Co.	ATCC
Ames and Boone Valley R.R. Co.	ABV
Burlington Junction R.R. Co.	BJR
Burlington Northern Santa Fe R.R. Co.	BN
Cedar Rapids and Iowa City R.R. Co.	CRIC
Chicago, Central & Pacific R.R. Co.	CCP
Central Bluffs Railway Co.	CB
C.S. & N.W. Ry. Co.	C&N
Chicago, Milwaukee and Eastern R.R. Co.	CME
D.S. & N.W. Ry. Co.	D&N
Iowa Interstate R.R. Ltd.	IIR
Iowa Northern Ry. Co.	IN
Iowa Traction R.R. Co.	ITR
Keokuk Junction Ry.	KJR
North and Southern Railway Co.	NS
North Central Railway Association	NCRA
Union Pacific Railroad	UP
Not Operating Rail Bureau	NRB
Trackage Rights Only	TR
House Agreement	HA
Private Track - T. E. Express	TE
Private Track - Trunk Unbuilt	TU

**RAIL ASSISTANCE
ECONOMIC DEVELOPMENT
PROJECTS MAP**
Fiscal Years 1987-1997
Prepared by
**Iowa Department
of Transportation**
Phone (515) 239-1669
In Cooperation with
**United States
Department of Transportation**
July 1, 1997



—	AMT	—	AMT
—	Appalachian County Community R.R.	—	APC
—	Boone and South Valley R.R.	—	BSV
—	Burlington Junction R.R. Co.	—	BJR
—	Burlington Northern Santa Fe R.R. Co.	—	BN
—	Cedar Rapids and Iowa City R.R. Co.	—	CRIC
—	Cedar River R.R. Co.	—	CR
—	Chicago Central & Pacific R.R. Co.	—	CCP
—	Conrad Burns Railway Co.	—	CB
—	D.S. R.R. Co.	—	DSR
—	I.A. M. Rail Line	—	IAM
—	Iowa Interstate R.R. Co.	—	IIR
—	Iowa Northern R.R. Co.	—	INR
—	Iowa Traction R.R. Co.	—	ITR
—	Madison Junction R.R. Co.	—	MJR
—	North Central Railway Association	—	NCRA
—	Union Pacific Railroad	—	UP
—	West Quarry Hill Branch	—	WQH
—	Trunkline Right of Way	—	TRK
—	Holiday Agreement	—	HLA
—	Private Trunk - T & E	—	PTK
—	Trunk Unimproved	—	TU

Federal-Aid Rail/Highway Safety Fund

1998 Accomplishment Program

County	Federal ID#	RR	Highway Jurisdiction	Road Location	Type Improvement	Federal Funds (90%)
	100045A			Statewide	Close & Signs	18,000
	100046A			Statewide	Pre. Eng. 1998	54,000
Boone	190305U	UP	Boone	Crawford	Upgrade	31,500
	190309W	UP	Boone	Marion St	Upgrade	31,500
	190314T	UP	Boone	75E07S NW/C 25-84-27	Signal/Gate Arms	112,500
	190324Y	UP	Ogden	Fourth St	Upgrade	31,500
Carroll	190769Y	UP	Carroll	County Rd N-33	Upgrade	31,500
	190773N	UP	Carroll	Clark St	Upgrade	31,500
	190774V	UP	Carroll	Main St	Upgrade	31,500
	190771A	UP	Carroll	Grant Rd	Upgrade	31,500
	190790E	UP	Carroll	County Rd M-64	Upgrade	31,500
	190767K	UP	Carroll	County Rd N-38	Upgrade	31,500
Cedar	190414X	UP	Lowden	Washington Ave	Upgrade	31,500
	190413R	UP	Lowden	NR S.E. Corp.Line	Signal/Gate Arms	112,500
	190452G	UP	Mechanicsville	S Cherry St	Upgrade	31,500
Cherokee	307573K	CC	Cherokee	Elm St.	Upgrade	49,500
	307575Y	CC	Cherokee	Willow St.	Upgrade	49,500
Crawford	190997L	UP	Crawford	IBP Xing Co Rd	Upgrade	17,500
	191013B	UP	Crawford	50E14S NW/C 17-82-40	Signal/Gate Arms	62,500
	191009L	UP	Dow City	Clark St	Signal/Gate Arms	62,500
	190800H	UP	Vail	Warren St.	Upgrade	31,500
Des Moines	078056M	BN	Des Moines	Sullivan Slough Rd	Signal/Gate Arms	110,160
Dubuque	306980K	CC	Epworth	Center Ave N	Upgrade	54,000
Franklin	876170P	UP	Franklin	C-25 Near Hampton	Upgrade	39,595
Greene	190730V	UP	D.O.T.	Ia 4 Jefferson	Upgrade	31,500
	190337A	UP	Greene	County Rd P-46	Upgrade	31,500
	190344K	UP	Greene	County Rd P-33	Upgrade	31,500
	190733R	UP	Jefferson	N Grimmell St.	Upgrade	31,500
	190753C	UP	Ralston	Co Rd N-58	Upgrade	31,500
Hardin	876139D	UP	Hardin	80E50S NW/C 7-89-20	Signal/Gate Arms	112,500
	876129X	UP	Hardin	80E50S NW/C 23-89-21	Signal/Gate Arms	112,500

Federal-Aid Rail/Highway Safety Fund

1999 Program Candidates
1998 Preliminary Engineering

County	Federal ID#	RR	Highway Jurisdiction	Road Location	Type Improvement	Federal Funds (90%)
Adair	603383W	IAIS	Stuart	Division St	Upgrade	4,297
Benton	190572X	UP	Benton	60S NW/C 17-82-11	Signal/Gate Arms	112,500
	190564F	UP	Benton	90E10S NW/C 19-82-10	Signal/Gate Arms	112,500
Buena Vista	307515P	CC	Storm Lake	Vestal St	Upgrade	76,500
	307505J	CC	Storm Lake	Cayuga St	Signal/Gate Arms	99,000
Butler	307210S	CC	Butler	25S NW/C 33-90-15	Upgrade	7,200
	307229J	CC	D.O.T.	6th St	Upgrade	7,200
	307221E	CC	Butler	70S NW/C 27-90-16	Upgrade	7,200
	307247G	CC	Butler	40E05S NW/C 27-90-18	Upgrade	7,200
	307207J	CC	Butler	40S NW/C 34-90-15	Upgrade	7,200
	307240J	CC	Aplington	Tenth St	Upgrade	7,200
Cedar	190449Y	UP	Cedar	50S NW/C 21-82-3	Signal/Gate Arms	99,000
Clinton	865544M	IMRL	Camanche	4th Ave	Signal/Gate Arms	81,000
	376021H	IMRL	Clinton	6th Ave. S	Signal/Gate Arms	81,000
	190348M	IMRL	Clinton	First St Clinton	Signal/Gate Arms	81,000
	376026S	IMRL	Clinton	6th Ave N	Signal/Gate Arms	90,000
	376022P	IMRL	Clinton	5th Ave S	Signal/Gate Arms	81,000
	865549W	IMRL	Camanche	9th Ave	Signal/Gate Arms	81,000
Dallas	603345M	IAIS	Van Meter	Mill St	Upgrade	4,297
	603374X	IAIS	Dexter	Marshall St	Upgrade	4,297
Guthrie	603283S	IAIS	Menlo	Sherman St	Upgrade	4,297
Hamilton	309080E	CC	Webster City	Harris Dr.	Upgrade	7,200
	307337F	CC	Webster City	Prospect St	Upgrade	7,200
	307338M	CC	Webster City	Broadway St	Upgrade	7,200
	307336Y	CC	Webster City	Des Moines St	Upgrade	7,200
	307322R	CC	Hamilton	65S NW/C 32-89-24	Upgrade	7,200
	307319H	CC	Blairsburg	Lake St	Upgrade	7,200
	307339U	CC	Webster City	Grove St	Upgrade	7,200
	307342C	CC	Webster City	15E01S NW/C 2-88-26	Upgrade	7,200
	307329N	CC	Hamilton	70E98S NW/C 34-89-25	Upgrade	7,200

Federal-Aid Rail/Highway Safety Fund

1999 Program Candidates
1998 Preliminary Engineering (continued)

County	Federal ID#	RR	Highway Jurisdiction	Road Location	Type Improvement	Federal Funds (90%)	
Scott	604342V	IAIS	Davenport	Gaines and 5th	Upgrade	540	
	865650V	IMRL	Davenport	Brady St	Upgrade	40,500	
	603892T	IAIS	Davenport	Marquette St & W.5th	Upgrade	540	
	865649B	IMRL	Davenport	Perry St	Upgrade	40,500	
	393008N	IAIS	Davenport	Fairmount St	Upgrade	540	
	865653R	IMRL	Davenport	Ripley St	Upgrade	40,500	
	606805X	IAIS	Walcott	Main St	Upgrade	4,297	
	603896V	IAIS	Davenport	W. Fourth St	Upgrade	810	
	375970S	IMRL	Davenport	53rd St	Upgrade	1,080	
	865639V	IMRL	Bettendorf	33rd St	Signal/Gate Arms	81,000	
	865652J	IMRL	Davenport	Harrison St	Upgrade	40,500	
	Story	196983Y	UP	Ames	13th St	Signal/Gate Arms	112,500
		197072Y	UP	Ames	24th St	Signal/Gate Arms	112,500
	Tama	190599G	UP	Tama	LL Ave.	Signal/Gate Arms	135,000
Wapello	375761J	IMRL	Wapello	87th St	Signal/Gate Arms	81,000	
	375808C	IMRL	Wapello	Co Rd V-37	Signal/Gate Arms	72,000	
Washington	375879Y	IMRL	Washington	N Marion Ave	Signal/Gate Arms	81,000	
	375878S	IMRL	Washington	N Ave B	Signal/Gate Arms	81,000	
	375880T	IMRL	Washington	N Iowa Ave	Signal/Gate Arms	81,000	
Webster	307353P	CC	Dumcombe	Simpson St	Upgrade	7,200	
	307366R	CC	Webster	80S NW/C 35-89-28	Upgrade	7,200	
	307370F	CC	Webster	50E70S NW/C 34-89-28	Upgrade	7,200	
Total						\$2,991,321	

Iowa Grade Crossing Surface Repair Fund

1998 Accomplishment Program

County	Federal ID#	RR	Highway Jurisdiction	Road Location	Crossing Surface Repair Fund (60%)
Linn	376681U	CC	Marion	9th St	24,416
Linn	376679T	CC	Marion	11th St	36,550
Buchanan	307075B	CC	Buchanan Co	38S NW/C 33-89-9	17,849
Mills	095256R	BN	Emerson	Harris St	61,440
Hamilton	307336Y	CC	Webster CITY	Des Moines Street	97,663
Buchanan	307048E	CC	D.O.T.	la 187, Masonville	22,320 *
Hardin	307259B	CC	Ackley	Franklin Street	23,450
Hancock	599316S	UP	Garner	E. Lyon St	16,380
Webster	201774E	UP	Webster Co	D26,48E NW/C12-88-30	14,400
Cerro Gordo	385520X	IMRL	Clear Lake	Clark Road	15,600
Cerro Gordo	385512F	IMRL	Clear Lake	Tenth Street No	20,400
Cerro Gordo	385503G	IMRL	Clear Lake	North 40th Street	15,600
Cerro Gordo	385518W	IMRL	Clear Lake	Shorewood Way	15,600
Cerro Gordo	385510S	IMRL	Clear Lake	Thirteenth St No	20,400
Cerro Gordo	385514U	IMRL	Clear Lake	Sixth Street No	39,600
Cerro Gordo	385509X	IMRL	Clear Lake	No Fourteenth St	20,400
Cerro Gordo	385517P	IMRL	Clear Lake	No Sixteenth St W.	20,400
Polk	607878L	IAIS	ALTOONA	5th Ave S.W.	99,360
Mitchell	309010P	COOP	Stacyville	Railroad St	4,320
Mitchell	309009V	COOP	Stacyville	Albion St	4,320
Johnson	607302H	CIC	Iowa City	Clinton St	10,245
Total					\$1,460,653

* Requires Primary Road Fund Match

Iowa Grade Crossing Surface Repair Fund

Recommended for 1998 Programming
(If Funds Become Available)

County	Federal ID#	RR	Highway Jurisdiction	Road Location	Crossing Surface Repair Fund (60%)
Polk	192641K	UP	Des Moines	Dean Ave	46,800
Benton	607654N	IANR	D.O.T.	Ia 150, Vinton	30,287 *
Benton	607937L	IANR	Shellsburg	Pearl St.	14,581
Linn	307832U	CC	Hiawatha	Boysin Rd	34,200
Black Hawk	307862L	CC	Waterloo	Alley	6,113
Black Hawk	307865G	CC	Waterloo	Dawson St	17,955
Black Hawk	307868C	CC	Waterloo	Alley	6,113
Black Hawk	307860X	CC	Waterloo	Alley	6,113
Black Hawk	307866N	CC	Waterloo	Alley	6,113
Black Hawk	307864A	CC	Waterloo	Alley	6,113
Black Hawk	307915H	CC	Waterloo	Westfield-Duryea	108,565
Black Hawk	307857P	CC	Waterloo	Brees St	30,540
Black Hawk	307867V	CC	Waterloo	Riehl St	17,955
Black Hawk	307914B	CC	Waterloo	Vaughn St	31,650
Black Hawk	307884L	CC	Waterloo	Burton Ave	17,955
Black Hawk	307859D	CC	Waterloo	West Parker St	18,210
Black Hawk	307861E	CC	Waterloo	Newton St	17,955
Black Hawk	307871K	CC	Waterloo	Fairview St	17,955
Black Hawk	309101V	CC	Waterloo	Westfield-Ida	68,952
Black Hawk	309102C	CC	Waterloo	Westfield Ave	69,210
Black Hawk	307863T	CC	Waterloo	Kern St	17,760
Buchanan	200854U	UP	D.O.T.	Ia 281, Fairbank	30,000 *
Warren	602507J	COOP	Indianola	N 6th St	24,900
Warren	602512F	COOP	Indianola	Euclid Ave	9,840
Warren	196622U	COOP	Indianola	E Girard St	12,180
Warren	602505V	COOP	Indianola	E Iowa Ave	15,660
Mitchell	308994A	CEDR	D.O.T.	US 218, 10S NW/C	22,710 *
Polk	876022V	UP	D.O.T.	Ia 931, Enterprise	41,400 *
Webster	201738J	UP	D.O.T.	Ia 175, S of Gowrie	17,458 *

* Requires Primary Road Fund Match

Iowa Grade Crossing Surface Repair Fund

Recommended for 1998 Programming
(If Funds Become Available)

County	Federal ID#	RR	Highway Jurisdiction	Road Location	Crossing Surface Repair Fund (60%)
Kossuth	196744Y	UP	BURT	Walnut St	77,760
Black Hawk	307944T	CC	D.O.T.	US 63, Waterloo	40,412 *
Mills	074392H	BNSF	D.O.T.	Ia 935, East of I-29	17,280 *
Pottawattamie	378195L	BNSF	D.O.T.	Ia 244, 2nd St Neola	17,280 *
Adair	073798N	BNSF	D.O.T.	Ia 25, S. of Ia 92	15,600 *
Story	190686K	UP	COLO	West St	47,520
Story	190685D	UP	COLO	Fourth St	47,520
Sac	190945U	CC	D.O.T.	Ia 39, Odeboldt	14,576 *
Monroe	079402D	BNSF	Monroe	20E 75S NW/C 4-72-16	20,160
Benton	607939A	IANR	Shellsburg	Canton St.	10,385
Benton	607938T	IANR	Shellsburg	Railroad St.	15,553
Louisa	607229M	IMRL	D.O.T.	Ia 305, Linn St, Letts	54,300 *
Linn	840203X	CIC	Cedar Rapids	J St SW N.of Pr. Cr	20,778
Linn	376717A	CIC	Cedar Rapids	1st St.SW 800 Blk	48,736
Linn	376730N	CIC	Cedar Rapids	Wilson Ave 1400 Blk	35,040
Linn	376708B	CIC	Cedar Rapids	3rd St.Se 800 Blk	21,348
Linn	376718G	CIC	Cedar Rapids	2nd St. SW.	16,245
Linn	840201J	CIC	Cedar Rapids	6th St SW N.of H.Dns	26,553 *
Polk	192845W	UP	D.O.T.	US 69, NE 14th, Des Moines	39,780 *
Pocahontas	201662F	UP	D.O.T.	Ia 3, Gilmore City	35,100 *
Palo Alto	875831C	UP	D.O.T.	US 18, Emmetsburg	112,320 *
Pocahontas	201649S	UP	D.O.T.	Ia 15, Broad St ,Rolfe	32,760 *
Palo Alto	200966T	UP	D.O.T.	Ia 4, Mallard	60,840 *
Kossuth	875870T	UP	D.O.T.	Ia 15, West Bend	65,520 *
Buena Vista	377581T	UP	D.O.T.	Ia 10, Marathon	32,760 *
Johnson	840195H	CIC	Iowa City	Benton St	27,969
Johnson	607300U	CIC	Iowa City	Dubuque St.	25,708
Butler	607408D	IANR	D.O.T.	Ia 188, Clarksville	8,849 *
Black Hawk	607599R	IANR	Cedar Falls	12th St.	11,135

* Requires Primary Road Fund Match



River

River Program

Nearly five hundred miles of the Mississippi and Missouri rivers along Iowa's borders are open to commercial navigation. These rivers provide shippers a gateway to an extensive inland waterway system that has access to ports in the Twin Cities, Chicago, Pittsburgh, Houston and New Orleans. Most docks in Iowa are privately owned and all are privately operated.

Role of the Department of Transportation

The Department promotes commercial navigation and participates in policy and resource use forums. The DOT works closely with the Iowa Department of Natural Resources, other states, the U.S. Army Corps of Engineers and the Coast Guard regarding resource management of the Mississippi and Missouri rivers.

The DOT does not provide funding for terminal or system improvements. Department funding is available, however, for associated rail and roadway improvements which support economic development.

Navigation Safety

The U.S. Coast Guard establishes and enforces navigation and equipment regulations, tests and licenses pilots and deck hands, and maintains physical aids to navigation. Coast Guard responsibilities include search and rescue, enforcement of the Federal Water Pollution Control Act, and a program for recreational boating safety.

Resource Management

The Department works closely with state and federal agencies and private organizations involved in developing and administering resource management plans. Issues include channel maintenance and placement of dredged material, response to low-water conditions and other aspects of Corps operations, and multipurpose management of the rivers.

Navigation Facilities Improvements

The Corps of Engineers is responsible for developing and maintaining the inland navigation system. The Department has been active in promoting improvements to locks and dams on the Mississippi River.

The Corps of Engineers developed a program of system improvements for major rehabilitation of locks and dams along Iowa's eastern border. The program was initiated in 1986. Projects have been completed at Locks and Dams 15, 16, 17, 18, 20, 21 and 22. Rehabilitation of Lock and Dam 13 (Clinton)

is nearing completion. Work requiring closure of Lock and Dam 14 (LeClaire) is scheduled to begin in December 1997. Work includes concrete repairs or reconstruction; lock gate and valve machinery improvements or replacements; upgrading of electrical equipment; scour protection and gate repairs for dams; and extensions of upper guidewalls.

Opening of the new 1,200-foot Melvin Price Lock at Alton, Illinois, in 1990 and a 600-foot lock in 1994 relieved a transportation bottleneck that had slowed barge operations for years. The increased flow of river traffic, however, has caused congestion at other locks upstream. A study to determine the extent of additional repairs or new construction and a proposed sequence of work is ongoing. Public meetings are being held as the study progresses. The Department will continue to work with the Corps of Engineers toward implementation of needed waterway improvements.

Current Policy Issues

Management of Missouri River impoundments and flows has become a significant issue for various beneficiaries of the river system. Releases of water from Missouri River basin reservoirs have a significant effect on Missouri and Mississippi river operations. Drought conditions during 1988-1992 caused shortened navigation seasons on the Missouri River, and narrower channels, lighter barge loadings and longer transit times on both the Missouri and the Mississippi rivers.

These conditions prompted the Missouri River Division of the Corps of Engineers to initiate a research program to determine the best use of impounded water under various weather conditions. A draft environmental impact statement addressing various proposals for Missouri River resource management was released in July 1994. Subsequent public hearings revealed strong opposition to the preferred alternatives identified by the study. Based on public input concerning proposed spring season releases and water levels for navigation, the Corps is restudying navigation and landside drainage issues. A revised draft plan is expected from the Corps in May 1998.

Department Information and Services

Information about commercial navigation may be obtained from the Iowa Department of Transportation, Director's Staff, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1685.



Recreational Trails

Recreational Trails Program

The State Recreational Trails Program was created by the Iowa Legislature in 1988 to acquire, develop, promote and manage existing and new trails for recreation and tourism activities. The Recreational Trails Program was initially divided into two phases: development of a long-range plan for the acquisition, development, promotion and management of recreation trails throughout the state; and granting funding assistance to individual trail projects. The Recreational Trails Program is funded by an appropriation of \$1 million from the General Fund.

Representatives from the departments of Natural Resources, Economic Development and Cultural Affairs assisted the Department of Transportation in developing the structure of the trails program. A consultant was then retained to develop the plan. The completed plan is used as a guide in evaluating applications for funding. Applicants whose trails projects fall within the corridors identified in the proposed plan will be given priority for funding.

The Recreational Trails Funding Assistance Program provides funds to establish recreational trails in Iowa for the use and enjoyment of the public. Eligible applicants include state and local government agencies, municipal corporations, counties and nonprofit organizations. The program is restricted to the acquisition, construction or improvement of recreational trails open for public use, or trails which will be dedicated to public use when completed. A proposed recreational trail project must meet the following requirements:

- The project must be part of a local, area-wide, regional or statewide plan.
- The trail route must be designed to allow enjoyment of scenic views or points of historical interest, and to maximize safety.
- The project must include a contribution of at least 25 percent matching funds from other sources. This match is not to include grants from other state agencies or provision of in-kind services.

Deadlines for applications are January 2 and July 1 of each year.

Applications are evaluated primarily on the basis of whether the predicted use of the trail justifies construction and maintenance costs including, but not limited to, the following criteria:

- Need, in terms of the population to be served and existing trails in the area, (25 points)
- Compatibility with local, area-wide, regional or statewide plans, (15 points)
- Benefits of multiple uses and recreational opportunities, (20 points)

- Quality of the site, (25 points)
- Economic benefits to the local area, (10 points)
- Special facilities for the handicapped, (5 points)

Final funding commitments are the responsibility of the Iowa Transportation Commission.

Fourteen applications were received by the January 2, 1997, deadline. The applications represented total project costs of \$3.5 million, with \$2.5 million requested from the state trails fund. Two projects were approved by the Commission for a total state commitment of \$500,000. Total cost for the projects was estimated to be \$868,594.

Eleven applications were received by the July 1, 1997, deadline. The applications represented total project costs of \$4.2 million and a \$3.1 million request from the state trails fund. Two projects were approved by the Commission for a total state commitment of \$988,425. Total cost for the projects was estimated to be \$1,317,900.

The 1997 session of the Iowa legislature passed House File 733, appropriations from the Rebuild Iowa Infrastructure Fund. The bill included funding for the state Recreational Trails Fund for FY 1998, as follows:

- \$75,000 for the Nishna Valley Trail project at Anita State Park;
- \$1 million (minus the above \$75,000) for acquiring, constructing, and improving recreational trails within the state; and
- \$1 million for funding recreational trail projects, with priority given to completion of trail connections and sections between existing trails and parks within the established recreational trail system.

Funding for FY 1999 was also included, as follows:

- \$1 million for acquiring, constructing, and improving recreational trails within the state; and
- \$1 million for funding recreational trail projects, with priority given to completion of trail connections and sections between existing trails and parks within the established state recreational trail system.

Department Information and Services

Requests for application forms for the State Recreational Trails Program or for additional information about either the State Recreational Trail Program or Scenic Byways should be addressed to the Iowa Department of Transportation, Office of Project Planning, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1225.



**Park &
Institutional
Roads**

The State Park and Institutional Roads Program

One of the duties of the Iowa Transportation Commission is to construct, reconstruct, improve and maintain roadways, including bridges, within state-owned lands. Over \$75 million has been expended by the Park and Institutional Roads Program for roadway maintenance and improvement projects since specific funding was created for this program by the Legislature in 1960.

Program funding is intended for roads or streets within the boundaries of state parks, institutions, other state agencies or community colleges. There are over 500 miles of roadways in the Park and Institutional Roads System. State agencies participating in the program are the Department of Corrections, the Department of Education, the State Fair Board, the Department of Human Services, the Iowa National Guard, the Department of Natural Resources, and the Board of Regents. Also eligible for the first time during 1996 were the State Capitol Complex streets.

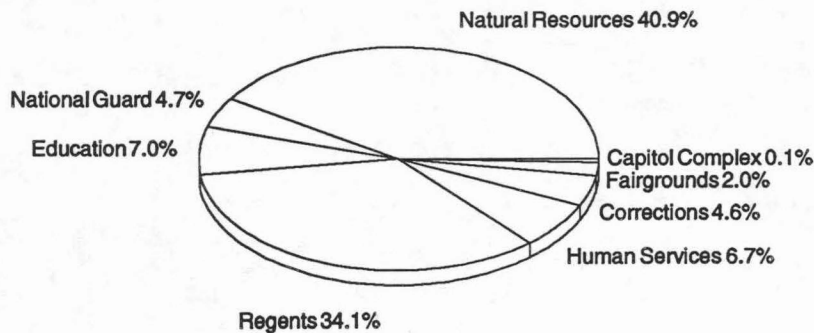
Park and Institutional Roads Program projects were constructed at more than 20 locations during 1997.

Program Funding

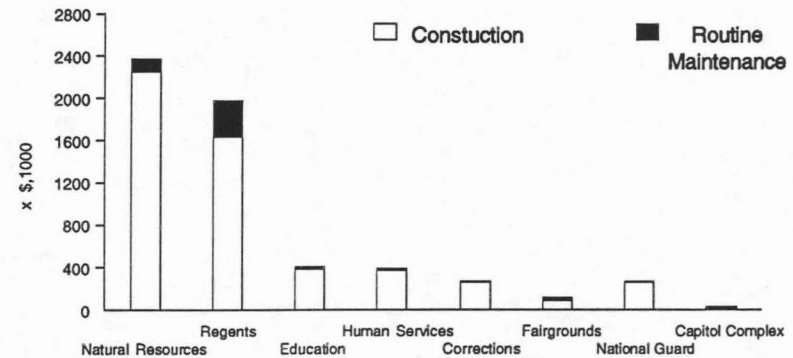
Sixty-five one-hundredths of one percent of the Road Use Tax Fund is allocated for maintenance and improvement of the State Park and Institutional Roads System. Apportionment of funds between agencies is based on the agencies' relative needs, as determined by the DOT's Quadrennial Need Study. The current study addresses maintenance and improvements for 1994 through 2013.

The first priority of the Park and Institutional Roads Program is maintenance and preservation of existing facilities. A portion of each agency's allocation is reserved for routine maintenance. Remaining funds may be used for reconstruction or improvement of existing roads or construction of new ones.

Funding Distribution
1994 Need Study



Apportionment of Estimated 1998 Allocations



Programming

Work is funded at the request of the agencies that have jurisdiction over the respective roadways. Each year participating agencies are provided projections of allocations for ensuing years. Determination of project priorities and schedules is the responsibility of each agency. All projects are reviewed by the Department to ensure consistency with Park and Institutional Roads Program policies and standards.

Project candidates for 1998 through 2002 are listed on the following pages. Some recommended projects may not be done during the period of this program. Accomplishments will depend on actual program income, annual maintenance expenditures, project costs, and priorities of participating agencies. Program dollars are shown in the year construction or project phases are proposed to begin. The program dollars listed are the estimated share of project costs from the Park and Institutional Roads Fund.

Agency Project Location /Description	County	Mileage	1998 Accomplishment Program	Parks & Institutional Roads Projects Planning Program			
				1999	2000	2001	2002
				Amount	Amount	Amount	Amount
Department of Corrections							
Men's Reformatory, Anamosa Roadway construction/patching/sealing	Jones	0.30	\$350,000				
Department of Education							
Area X-Kirkwood CC, Cedar Rapids Construct new access road	Linn	0.44	\$275,000				
Area I-NE Iowa CC, Peosta Construct new access road	Dubuque	0.20		\$118,665			
Area I-NE Iowa CC, Calmar Resurface existing road	Winneshiek	1.10		\$82,368			
Area III-Iowa Lakes CC, Emmetsburg Farm Construct new road	Palo Alto	0.11		\$40,000			
Area IV-NW Iowa CC, Sheldon Reconstruct existing road	Sioux	0.03		\$10,000			
Area V-Iowa Central CC, Ft. Dodge Construct Library Service Rd Resurface Ave M & Campus Dr	Webster	0.07 0.24			\$75,000 \$196,600		

Project funding is dependent upon determination of eligibility under the Parks & Institutional Roads Program.
Project costs shown are estimates only. Annual programs will be adjusted as necessary to accomplish low bids above or below these estimates and to remain within annual appropriations.

Agency Project Location /Description	County	Mileage	1998 Accomplishment Program	Parks & Institutional Roads Projects Planning Program			
				1999	2000	2001	2002
				Amount	Amount	Amount	Amount
Department of Natural Resources							
Brushy Creek Recreation Area	Webster	-	\$520,000	\$980,000			
Box culvert construction on dam		3.00	\$400,000				
Roadway construction		4.00					
Roadway paving							
Echo Valley State Park	Fayette	-	\$58,000				
Ford replacement							
Kiowa Marsh	Sac	0.10	\$35,000				
Roadway surfacing							
Lake Manawa State Park	Pottawattamie	1.50	\$178,000				
Roadway resurfacing							
Ledges State Park	Boone	-	\$230,000				\$144,000
Culvert construction		-					
Replace fords/repair bridges							
Loess Hills State Forest	Monona	0.30	\$69,000				
Roadway construction							
Lower Gar Access	Dickinson	0.30	\$63,000				
Roadway surfacing							
Prairie Rose State Park	Shelby	2.50	\$218,000				
Roadway construction/resurfacing							
Rathbun Wildlife Area	Lucas	0.25	\$58,000				
Roadway surfacing							

Project funding is dependent upon determination of eligibility under the Parks & Institutional Roads Program.
Project costs shown are estimates only. Annual programs will be adjusted as necessary to accomplish low bids above or below these estimates and to remain within annual appropriations.

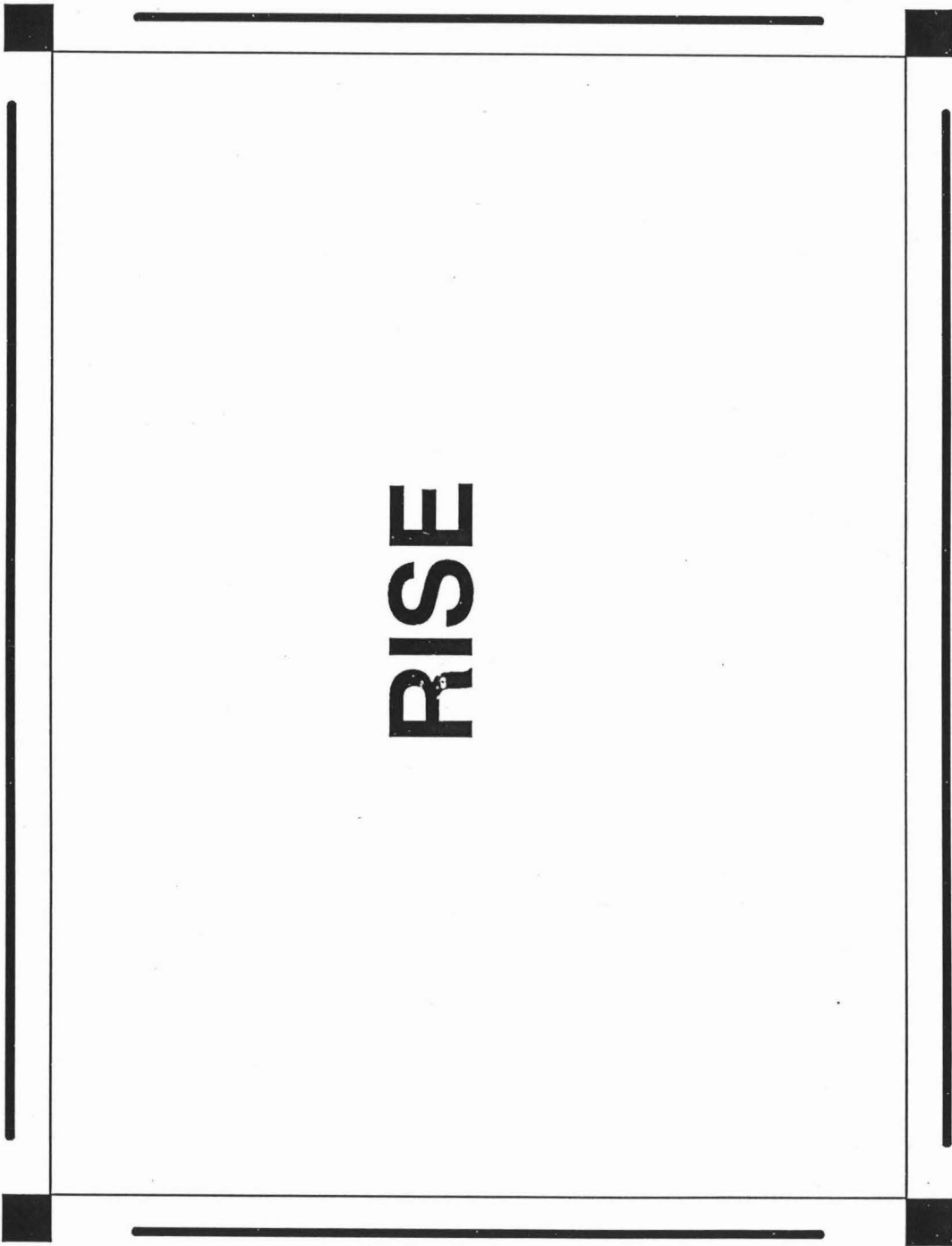
Agency Project Location /Description	County	Mileage	1998 Accomplishment Program	Parks & Institutional Roads Projects Planning Program			
				1999	2000	2001	2002
				Amount	Amount	Amount	Amount
Stephens State Forest Construct box culvert	Lucas	-		\$58,000			
Three-Mile Lake Wildlife Area Roadway surfacing	Union	0.50		\$75,000			
Beeds Lake State Park Roadway resurfacing	Franklin	0.60			\$132,000		
Bellevue State Park Roadway surfacing	Jackson	0.70			\$98,000		
Big Creek State Park Roadway resurfacing	Polk	3.00			\$397,000		
Elk Rock State Park Roadway surfacing	Marion	0.25			\$58,000		
Fairport Hatchery Roadway surfacing	Muscatine	0.10			\$29,000		
Lake Wapello State Park Roadway resurfacing	Davis	3.00			\$397,000		
Mines of Spain Recreation Area Roadway surfacing	Dubuque	1.00			\$144,000		
Rice Lake Wildlife Area Roadway surfacing	Winnebago	0.70			\$115,000		
Springbrook State Park Construct box culvert	Guthrie	-			\$173,000		

Project funding is dependent upon determination of eligibility under the Parks & Institutional Roads Program.
 Project costs shown are estimates only. Annual programs will be adjusted as necessary to accomplish low bids above or below these estimates and to remain within annual appropriations.

Agency Project Location /Description	County	Mileage	1998 Accomplishment Program	Parks & Institutional Roads Projects Planning Program			
				1999	2000	2001	2002
				Amount	Amount	Amount	Amount
Waubonsie State Park Roadway resurfacing	Fremont	1.00					\$144,000
Wildcat Den State Park Roadway resurfacing/culvert replacement	Muscatine	0.50					\$115,000
Board of Regents							
Iowa Braille and Sight Saving School, Vinton Reconstruct Rec Complex Access from Service Bldg Reconstruct Rec Complex Connector to Rice Hall	Benton	0.07 0.07		\$65,000	\$82,100		
Iowa School for the Deaf, Council Bluffs Special maintenance Reconstruct Bell Dr/Dobson Circle Int, Phase 2	Pottawattamie	- -	\$23,000	\$20,000			
Iowa State University, Ames Resurface various roads Reconstruct 6th St Pammel Dr pedestrian traffic signals Install Stange Rd storm sewer Reconstruct Stange Rd at CNW overpass W Pammel Court construction Reconstruct Marston Court Widen Stange Rd/13th St intersection (incl bridge)	Story	5.84 0.13 - - 0.08 - 0.08 -	\$462,000 \$187,000 \$165,000	\$186,800 \$75,000 \$125,000 \$80,000	\$128,200 \$170,000 \$165,000 \$113,200	\$445,000	\$281,500 \$522,600

Project funding is dependent upon determination of eligibility under the Parks & Institutional Roads Program.
Project costs shown are estimates only. Annual programs will be adjusted as necessary to accomplish low bids above or below these estimates and to remain within annual appropriations.

RISE



Revitalize Iowa's Sound Economy (RISE)

The RISE Fund was created by the Iowa Legislature in 1985 to promote economic development in Iowa through construction or improvement of roads and streets. Funded by a 1.55-cent-per-gallon motor fuel tax, the RISE program currently receives approximately \$26 million annually.

Representatives of all levels of local government, private sector business leaders and developers aided the Iowa Department of Transportation in developing the direction and structure of the RISE Program. The program is designed to target value-adding activities, provide maximum economic benefit, emphasize local involvement and initiative, and address situations requiring an immediate response and commitment of funds.

RISE funding assists the efforts of local communities to attract industries to Iowa, as well as to expand existing ones. Since its beginning, RISE has assisted in creating or retaining more than 20,000 jobs. In addition, many other jobs may be created as new and expanding industries take advantage of land which is opened up for development with the help of RISE funding.

Several factors must be considered when evaluating RISE applications. These factors include: the effect on competition; the economic impact to the state; the quality of jobs to be assisted; and a business' record of law violations.

The Code of Iowa provides that 32.3 percent of the funding be spent on city streets, 3.2 percent on secondary roads, and 64.5 percent on primary roads. City and county governments can apply for the city street and secondary road funds. Primary road RISE funds are deposited directly into the Primary Road Fund for use on the Commercial and Industrial Network. Commercial and Industrial Network projects are initiated by the Department through its normal programming process. The Iowa Transportation Commission selects the projects to be funded, regardless of jurisdiction.

There are three types of projects which may be funded under the RISE Program.

Immediate Opportunity Projects

This category is reserved for projects which are related to an immediate, nonspeculative opportunity for permanent job creation

or retention. The applicant should be in the process of negotiating a location or retention decision with a developer or firm, and must be able to demonstrate that an immediate funding commitment is essential to influence the job location or retention decision.

Applications are presented to the Iowa Transportation Commission for a decision as quickly as possible following a reasonable period for review and evaluation.

Local Development Projects

This category is for projects which support local economic development, but which do not require an immediate commitment of funds or do not meet the threshold set for Immediate Opportunity projects. These projects are selected through a competitive evaluation process conducted semiannually. Deadlines for submittal are February 1 and September 1 of each year.

RISE Overview

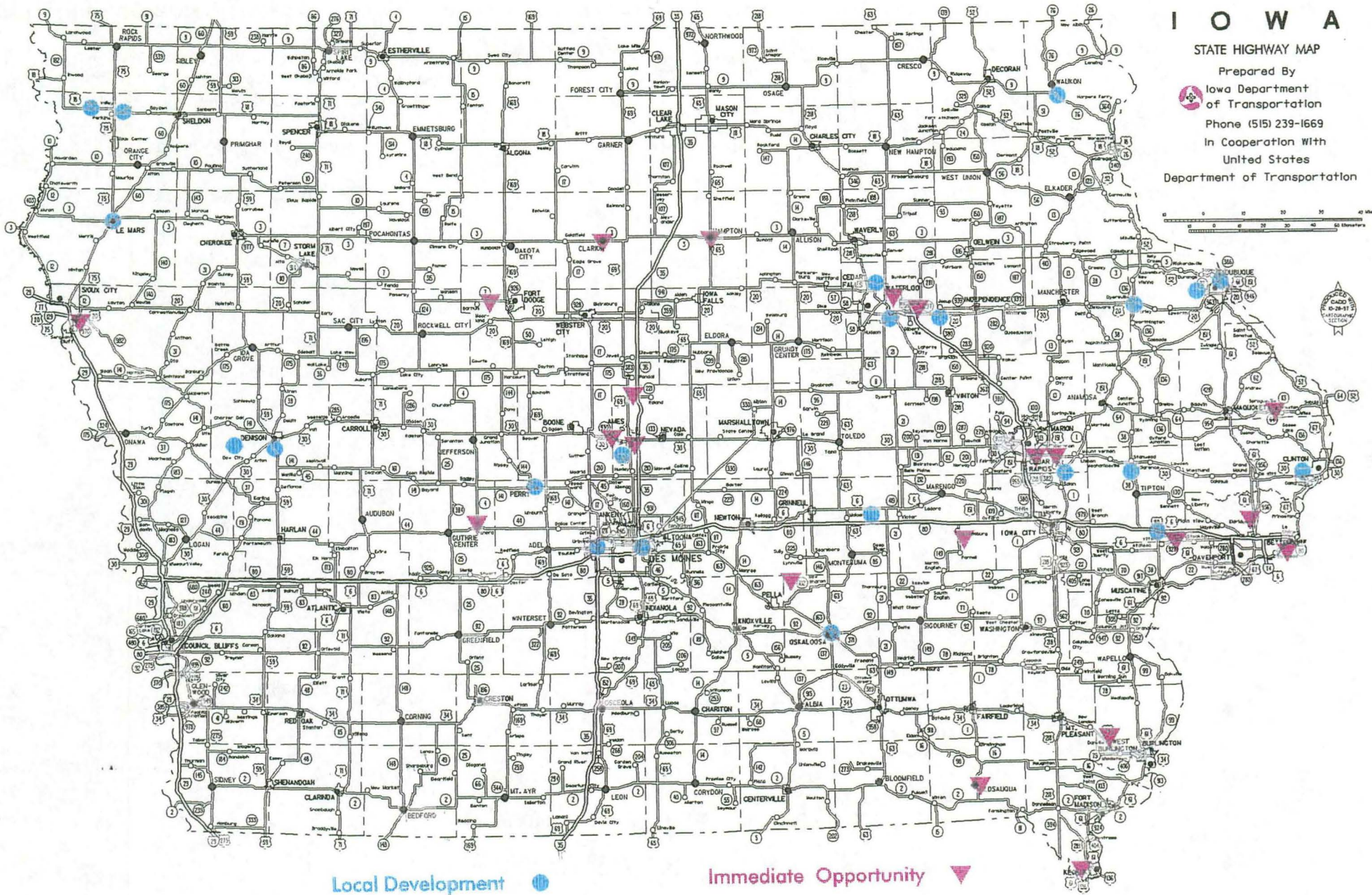
There were over 598 Immediate Opportunity and Local Development applications submitted during the first 12 years of the RISE Program (July 1, 1985 - June 30, 1997). From these, 373 projects were approved for RISE funding totaling over \$165 million. Of the 373 approved projects, 152 received funding from the Immediate Opportunity category and the remaining 221 from the competitive Local Development portion of the RISE Program. The program is successful in achieving a high level of local participation in funding roadway projects.

Information about the 373 approved projects is shown on page 50. A more detailed summary of the 43 projects awarded funding during FY 1997 is included on page 48.

Department Information and Services

Requests for application forms or additional information about this program should be addressed to the Iowa Department of Transportation, Office of Project Planning, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1621.

RISE Projects (Fiscal Year 1997)





Statewide Enhancements

Iowa Statewide Transportation Enhancements

The Intermodal Surface Transportation Act of 1991 (ISTEA) requires transportation enhancement activities be a part of the Statewide Transportation Improvement Program. ISTEA requires that at least 10 percent of each state's surface transportation program apportionment be programmed for transportation enhancement activities.

Regional/Metropolitan Enhancement Funds

The Iowa Transportation Commission has determined that 50 percent of the state's total allocation for transportation enhancement be targeted to the metropolitan planning organizations (MPOs) and regional planning affiliations (RPAs) for their prioritization and programming in accordance with MPO/RPA developed criteria. The remaining 50 percent will be prioritized and programmed by the Iowa Department of Transportation for projects of statewide significance in accordance with the criteria set out below.

Statewide Project Qualifications

Transportation enhancement projects are intended to go beyond the normal mitigation of a transportation improvement project. Activities already required under ISTEA or any other federal law may not be funded as transportation enhancements. In addition, transportation enhancements must have a direct relationship to the intermodal transportation system, either as it exists or as it is planned.

To be eligible as a transportation enhancement activity, any project or area served by the project must fit one (or more) of the following categories:

- facilities for pedestrians and bicycles;
- acquisition of scenic easements and scenic or historic sites;
- scenic or historic highway programs;
- landscaping and other scenic beautification;
- historic preservation;
- rehabilitation and operation of historic transportation buildings, structures or facilities, including historic railroad facilities and canals;
- preservation of abandoned railway corridors for pedestrian or bicycle trails;
- control and removal of outdoor advertising;
- archaeological planning and research; and/or
- mitigation of water pollution due to highway runoff.

In order to offset administrative costs, the minimum total project size for statewide enhancements will normally be \$10,000.

Statewide Enhancement Projects

Projects of statewide significance may be defined as having one or more of the following characteristics:

- importance or use statewide;
- impact extends beyond regional or metropolitan area boundaries;
- enhances the quality or utility of the state transportation system;
- benefits state tourism efforts; and/or
- is consistent with statewide planning.

Statewide enhancement funding is available by submitting a project application. Forms are available from DOT transportation centers.

Applications for statewide enhancement projects will be reviewed and recommended priorities set by one of three project review committees; Trails and Bikeways, Historic and Archaeological,

or Scenic and Natural Resources. Projects that may qualify under several categories will be prioritized by the committee specified by the project sponsor. A committee may refer an application to another committee for evaluation.

The Trails and Bikeways Project Review Committee will review statewide projects predominantly categorized as:

- facilities for pedestrians and bicycles; and/or
- preservation of abandoned railway corridors, including the conversion and use of those corridors for pedestrian or bicycle trails.

The Historical and Archaeological Project Review Committee will review statewide projects predominantly categorized as:

- acquisition of historic sites;
- historic highway programs;
- historic preservation;
- rehabilitation and operation of historic transportation buildings, structures, or facilities, including historic railroad facilities and canals; and/or
- archaeological planning and research.

The Scenic and Natural Resources Project Review Committee will review statewide projects predominantly categorized as:

- acquisition of scenic easements and scenic sites;
- scenic highway programs;
- landscaping and other scenic beautification;
- removal of outdoor advertising; and/or
- mitigation of water pollution due to highway runoff.

Committee members include recognized experts and representatives of interest groups appointed by the Iowa DOT and representatives of the Iowa departments of Natural Resources, Cultural Affairs, Economic Development and Transportation.

Funding

Federal funding can cover up to 70 percent of the proposed cost of eligible activities. Applicants must provide a commitment of at least 30 percent of eligible costs. Federal funds cannot be used as matching funds unless expressly permitted by law. State funds are eligible for use as a match. Volunteer services cannot be used as matching funds.

Federal Funding Requirements

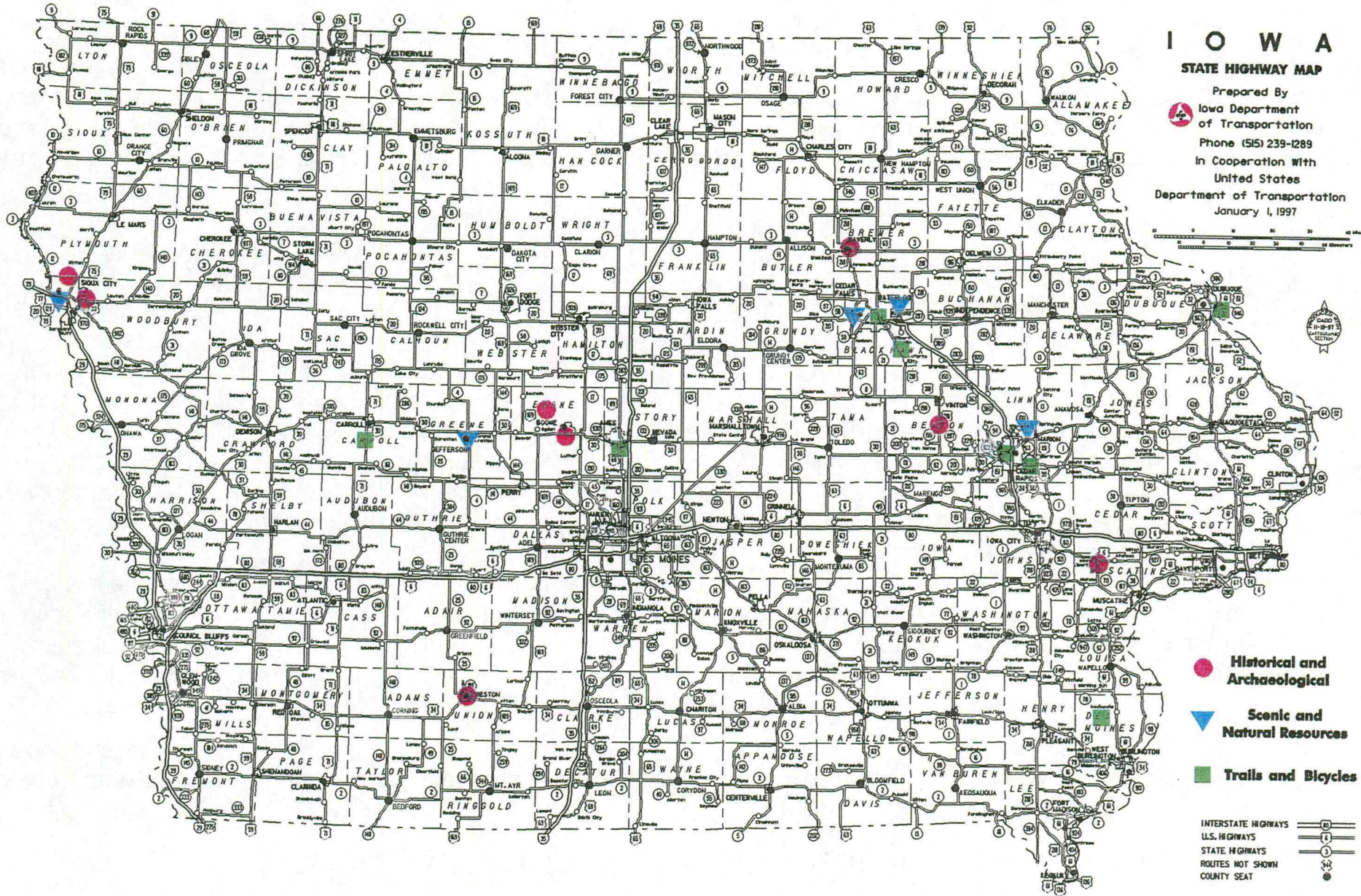
All projects are subject to all applicable federal requirements and FHWA approval.

Program Administration

A core committee of Iowa DOT staff will coordinate the transportation enhancement program. Committee members will include the director of the Office of Project Planning (chair), and the directors of the offices of Systems Planning and Program Management. The director of the Office of Project Planning will submit project priorities to the Iowa Transportation Commission for its approval. This committee will also coordinate the overall direction of the program and the dissemination of information.

Requests for assistance or information should be addressed to the Iowa Department of Transportation, Office of Project Planning, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1225.

Funded Statewide Enhancement Projects





ICAAP

Iowa's Clean Air Attainment Program

The Intermodal Surface Transportation Act of 1991 (ISTEA) established a Congestion Mitigation and Air Quality Improvement Program. ISTEA authorized \$6 billion for the CMAQ Program nationally and provides each state a guaranteed one-half of one percent minimum apportionment annually. Since Iowa does not have any ozone and carbon monoxide nonattainment areas which meet the nonattainment classification contained in the Clean Air Act Amendments of 1990 (CAAA), the state may use its funds for any eligible project under the CMAQ Program or Statewide Transportation Improvement Program.

To reflect the spirit of Congress in establishing the CMAQ program under ISTEA and to assist in maintaining Iowa's clean air condition, the Iowa Department of Transportation has chosen to implement a compatible program for Iowa (Iowa's Clean Air Attainment Program).

Priorities for Iowa's program should result in a project list that maximizes emission reductions via traffic flow improvements, reduction in vehicle miles of travel, reduction of single-occupant vehicle trips, or other transportation improvements which improve air quality or reduce congestion. Also, projects should reflect a strong planning process involving close coordination among the DOT, metropolitan planning organizations, transportation management areas, regional planning affiliations, and other state and local air quality agencies. Projects should have a high priority in appropriate congestion management systems or be included in transportation improvement programs. Transportation control measures or other projects which are documented as improving air quality in Iowa's State Implementation Plan will receive the highest priority if Iowa should become a nonattainment state.

The following types of projects are priorities for funding in Iowa's program:

- projects that demonstrate a direct benefit to an ozone, carbon monoxide, or PM-10 air quality problem;
- projects which result in a reduction of single-occupant vehicle trips or vehicle miles of travel;
- transportation projects which reduce highway congestion and improve roadway traffic flow;
- Surface Transportation Program 4R projects which includes rehabilitation, restoration, resurfacing, and reconstruction of roadways;
- Transportation control measures or other transportation-related projects identified in an approved state transportation program if applicable; and/or
- projects that assist in the development of management systems for traffic congestion, public transportation, or intermodal facilities.

Eligibility

Iowa's program funds may be used anywhere in the state for any activity eligible under the Surface Transportation Program as described in Section 1007 of the 1991 ISTEA, or the CMAQ program as indicated in Section 1008 of the 1991 ISTEA. To be eligible for Iowa program funds, the project should fit into one or more of the following categories:

Traffic Flow Improvements

- Highway and street projects which improve air quality or reduce congestion.

Shared-Ride Services

- Establishment of carpool and vanpool programs, parking areas for people using these services, and programs to match drivers and riders.

Transit Improvements

- Includes system and service expansion for bus and rail services, operational improvements, or demand and market strategies to make transit a more attractive transportation alternative and divert riders from single occupant vehicle trips.

Demand Management Strategies

- Techniques or programs that attempt to reduce demand for single occupant vehicle travel, such as promotion of employee trip reduction programs, development of transportation management plans, and establishment of "auto-free zones."

Pedestrian and Bicycle Programs

- Programs such as bicycle and pedestrian facilities, promotional activities designed to encourage bicycle commuting, and improved pedestrian walkways.

Inspection and Maintenance Programs

- Includes start-up activities such as updating quality assurance software, developing mechanic training curricula, construction of "high-tech" diagnostic facilities, and equipment purchases in networks meeting EPA criteria.

Other Projects and Programs

- Other projects and programs that use promising technologies and feasible approaches to reduce transportation emissions.
- Conversion of public fleets to alternative-fueled vehicles is eligible under certain conditions.
- Feasibility studies necessary to provide environmental documentation are eligible, although general planning studies, traffic data collection activities, and similar assessments are not.
- Activities to develop and establish three of the six ISTEA management systems (congestion, public transportation, and intermodal).

Transportation Control Measures

- Generally, the transportation control measures specified in Section 108 (f)(1)(A) of the CAAA are eligible.
(Many of these also fall into one of the categories listed above.)

Transportation Activities in State Implementation Plan

- Transportation activities in an approved state implementation plan, if applicable.

Surface Transportation Program Projects

- All other surface transportation program projects including rehabilitation, restoration, resurfacing and reconstruction of roadways.

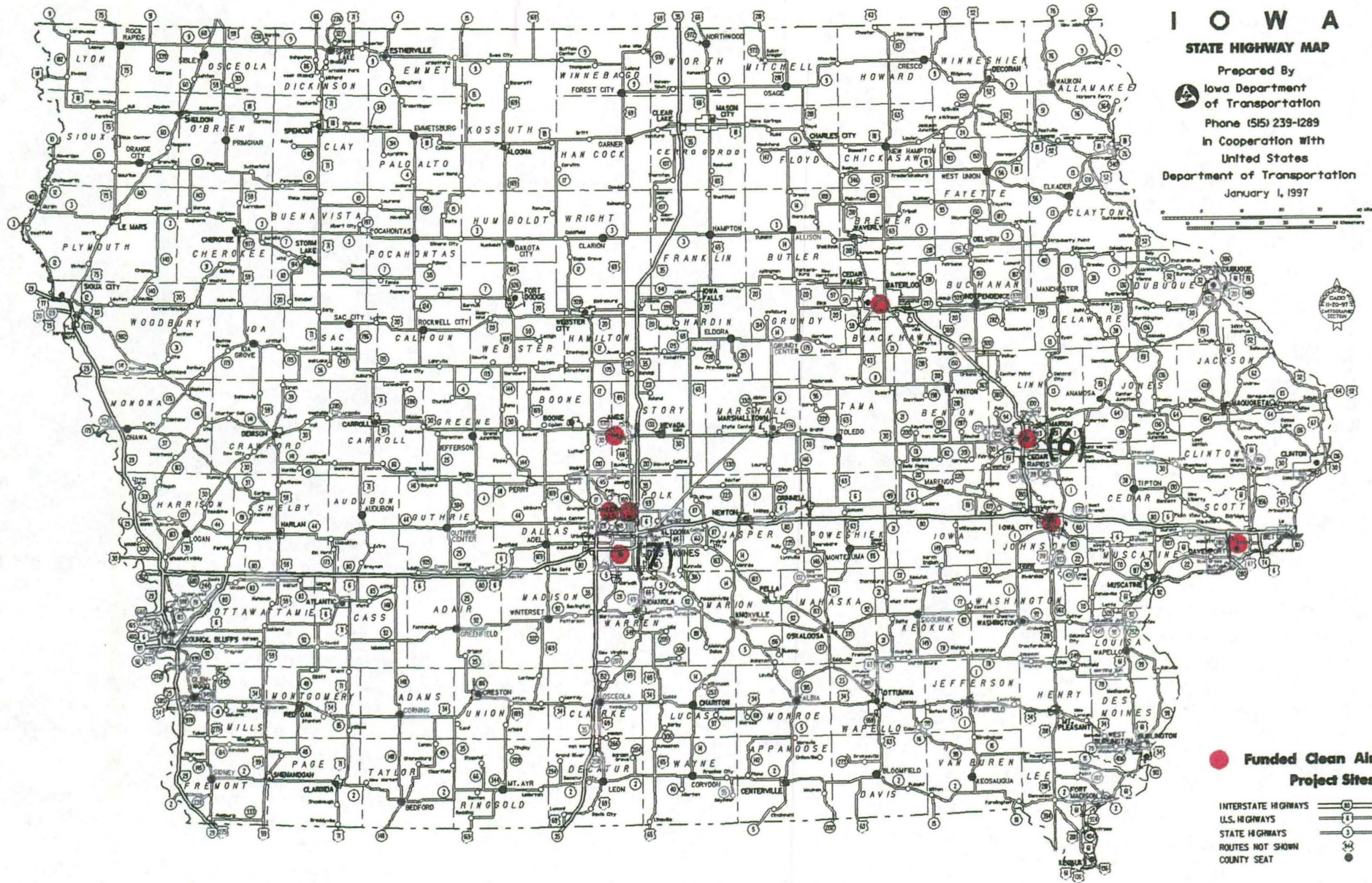
Program Administration

Iowa's program administration, project coordination, and eligibility determination will be coordinated by the Office of Project Planning. The Office of Project Planning will also coordinate the overall implementation of the program and the dissemination of information in accordance with the Iowa Transportation Commission's direction. A project evaluation committee will evaluate and rank projects. The Office of Project Planning will then submit project funding recommendations to the Iowa Transportation Commission for approval. The Project Evaluation Committee will consist of one representative selected from each of the following organizations: Iowa DOT, Iowa Department of Natural Resources, Iowa Public Transit Association, metropolitan planning organization, and regional planning affiliations. The Iowa Transportation Commission has final project selection authority.

Department Information and Services

Requests for assistance or information should be addressed to the Iowa Department of Transportation, Office of Project Planning, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1225.

Funded Clean Air Attainment Projects





Traffic Safety

Traffic Safety Improvement Program

In 1987 Iowa's Legislature provided that one-half of one percent of Iowa's Road Use Tax Fund be used for traffic safety improvements or studies on public roads under county, city or state jurisdiction. Projects can be initiated by any incorporated city, county or the Iowa Department of Transportation. The program is administered by the Iowa DOT, with funding of about \$4.3 million per year.

Three separate funding categories are available.

Construction or Improvement of Traffic Operations at a Specific Site

Eligible projects for construction or improvement of traffic operations at a specific site include the following:

- road modernization, upgrading or reconstruction;
- bridge and culvert modernization, replacement or removal;
- road intersection and interchange improvement, including channelization, traffic control devices and lighting;
- right of way required for a traffic safety project;
- drainage and erosion control measures which are an integral part of the project;
- traffic control devices required by the project;
- guardrail;
- tree removal; or
- other construction activities directly related to or required by the safety project.

Purchase of Materials for Installation of New or Replacement of Obsolete Signs or Signals

Cost of materials purchased for the initial installation of traffic control devices or replacement of obsolete traffic control devices to comply with the applicable warrants in the Manual of Uniform Traffic Control Devices are also eligible for funding.

Transportation Safety Research, Studies or Public Information Initiatives

Funding is available for research, studies and public information initiatives relating to traffic safety. Research, studies and public information initiatives can include:

- research addressing traffic safety concerns;
- studies to address remedies for traffic operations safety at a specific location; or
- public information initiatives to emphasize traffic safety.

The maximum traffic safety funding for a site-specific project generally shall not exceed \$500,000, and total funding allotted for traffic control materials cannot exceed \$500,000 annually. Total funding allotted for all research, studies and public information initiatives shall not exceed \$500,000 annually.

Applications for FY 1998 funding consideration were due July 1, 1997. Applications were submitted requesting \$8.6 million in safety funding. Thirty-four of the applications requested site specific funding, 15 requested traffic control device funding, and 16 requested funding for studies and public information initiatives. On November 25, 1997, the Transportation Commission approved funding for 37 projects for \$3.7 million in traffic safety improvement funding. A list of the approved projects is shown on pages 60 through 62.

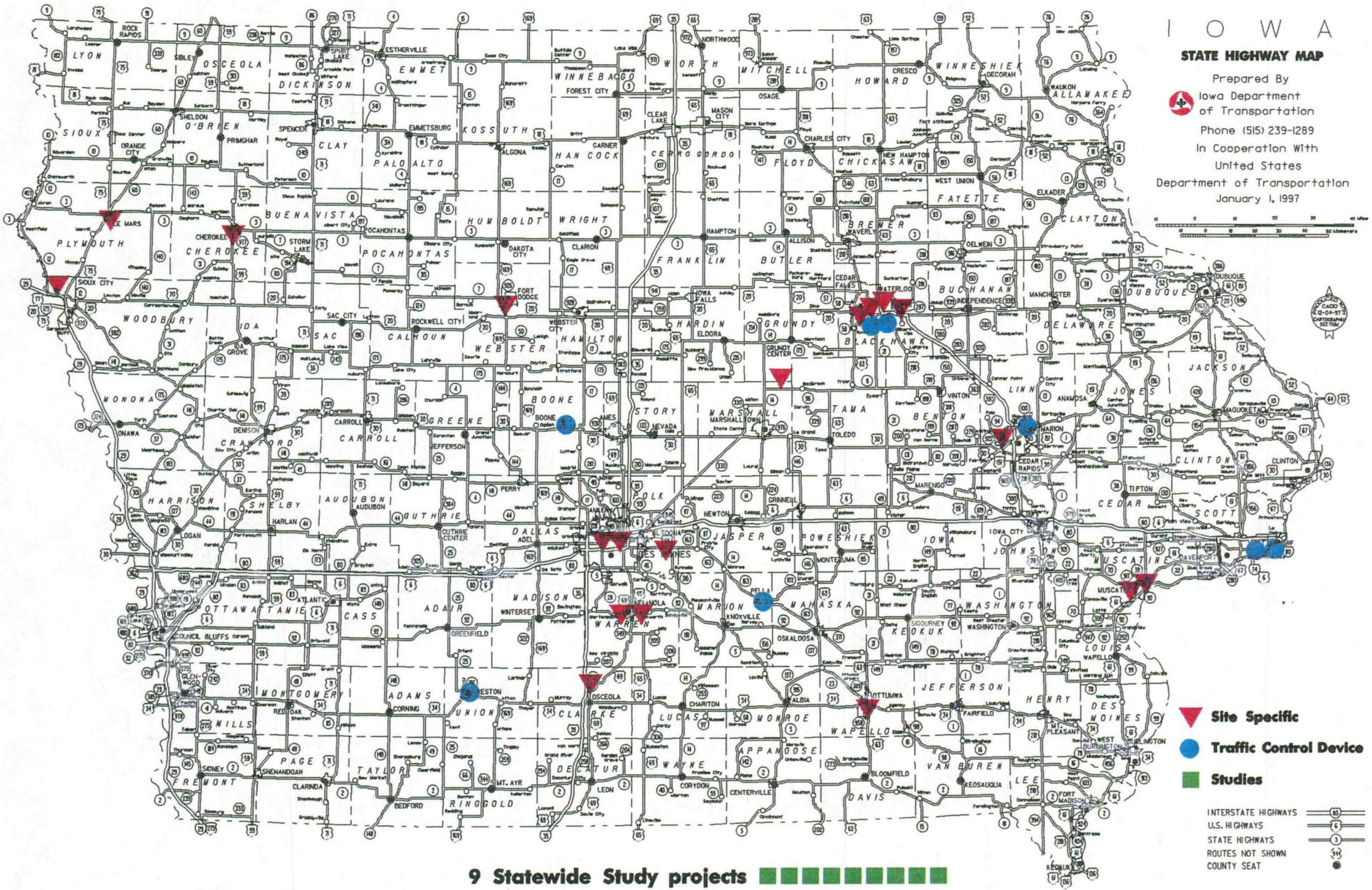
Department Information and Services

Applications for funding consideration in FY 1999 are due by July 1, 1998. Application forms or further information concerning the Traffic Safety Improvement Fund may be obtained by contacting the Iowa Department of Transportation, Office of Transportation Safety, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1184.

Traffic Safety Improvement Projects (FY 1998)

Applicant	Location	Type of Funds	Approved Safety Funding
Iowa DOT	Portable Water Filled Barriers - Pilot Program	Study	45,000
Iowa DOT	Sign Vandalism	Study	20,000
Iowa DOT	Traffic Sign Inventories/Replacement Program, FY 98	Study	155,000
Iowa DOT	GIS - ALAS Phase 2	Study	100,000
Iowa DOT	PC - ALAS Training for Local Agencies	Study	30,000
Iowa DOT	Work Zone Safety Training	Study	30,000
Iowa DOT	US 61 Bypass at Isett Ave. in Muscatine	Site Specific	212,000
Iowa DOT	US 61 Bypass at Mulberry Ave. in Muscatine	Site Specific	330,000
Iowa DOT	US 65/69 and Clinton Ave. in Indianola	Site Specific	165,000
Iowa DOT	US 65/69 and Iowa Ave. in Indianola	Site Specific	175,000
Iowa DOT	US 69 at +/- 4 miles North of Osceola at Milepost 44.99 in Clarke County	Site Specific	100,000
Iowa DOT	Statewide Sign Inventory/Replacement	Traffic Control Device	152,580
Iowa Safety Mgmt. Systems Committee	Animal Related Roadway Accidents - Pilot Projects and Improved Data Collection	Study	30,000

Approved Traffic Safety Applications



I O W A
STATE HIGHWAY MAP
 Prepared By
 Iowa Department
 of Transportation
 Phone (515) 239-1289
 In Cooperation With
 United States
 Department of Transportation
 January 1, 1997

9 Statewide Study projects ■■■■■■■■■■
1 Statewide Traffic Control Device Project ●



Planning Study

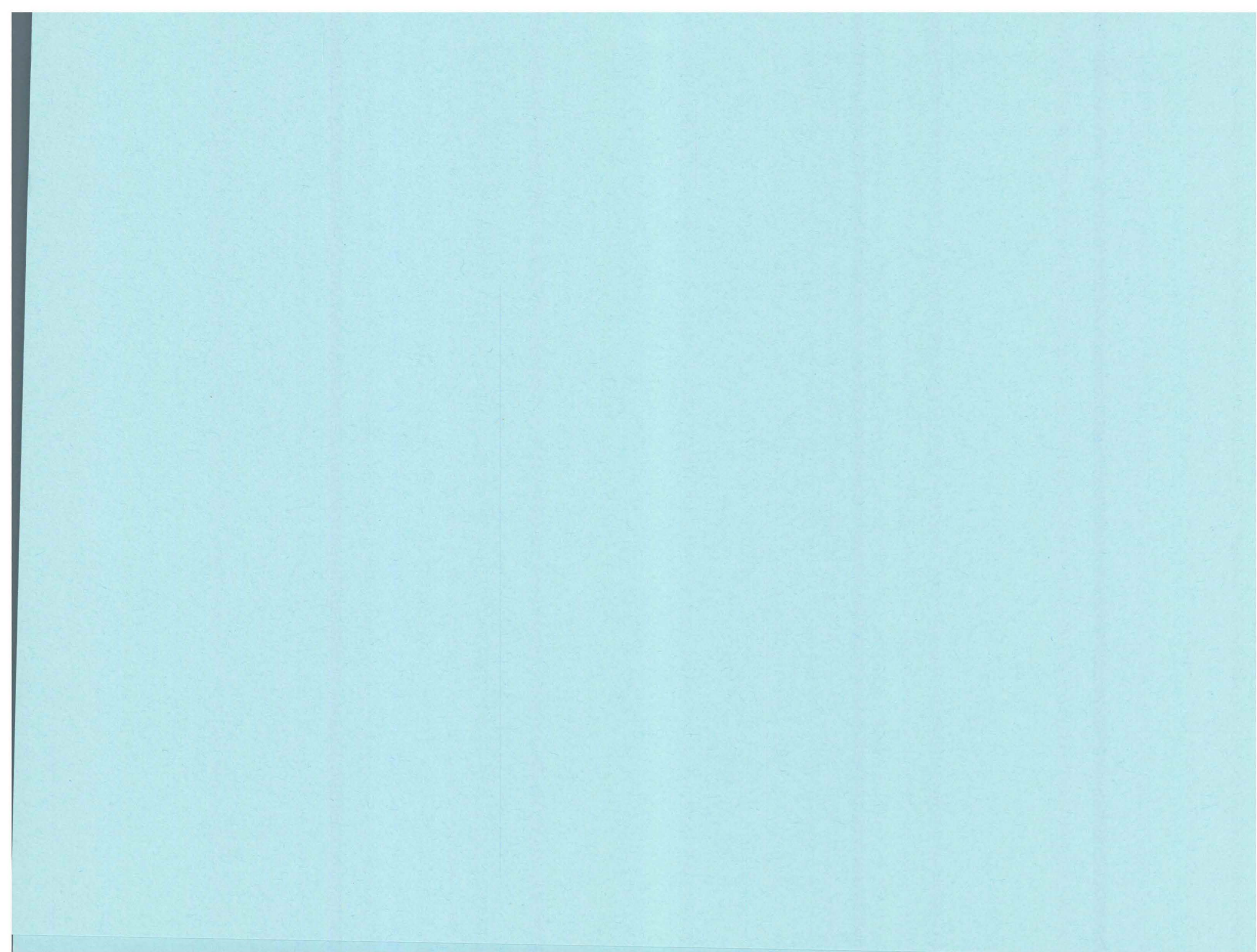
Planning Study Section

This section identifies large or complicated projects on which initial planning activities are underway, or which planning activities will be initiated within the next year. Usually seven to 10 years are needed to develop a complicated or large highway construction project. This time is required to accomplish necessary location and concept planning studies, environmental studies, archaeological research, preliminary and final design plan development, right of way acquisition and actual project construction. The Five-Year Construction Program often does not provide enough time to include all development steps required for a large project. Consequently, the Planning Study Section is included in the Five-Year Construction Program.

As projects listed in this section become sufficiently developed to be considered for the Five-Year Construction Program, each will be reviewed by the commission. The review may conclude that some projects are not priority candidates for further action or construction, and others may be selected for further activity in the Five-Year Construction Program. Inclusion of a project or a corridor in the Planning Study Section does not guarantee it will be constructed.

The Planning Study Section also includes projects for which the study objective is a Prelocation Study. These projects normally consist of extended highway corridors and regional studies to determine overall improvement concepts. A prelocation study may identify sections of a highway corridor where a detailed Environmental Study and location study could be required. Prelocation studies will assist the Commission in selecting sections of highway to be improved to achieve corridor continuity and an organized highway improvement plan.

Route Group 1	Location <i>(in alphabetical order)</i>	Approx Miles	Study Objective
30	Crawford Denison Bypass (Corridor Preservation)	5.0	Prelocation Study
20	Dubuque Mississippi River Bridge		Need, Location and Environmental Studies (Locally Administered)
32	Dubuque U.S. 61/151 to U.S. 20 (Southwest Arterial)	4.6	Need, Location and Environmental Studies (Locally Administered)
30	Greene/Boone From Ia. 25 to the E Jct. U.S. 169	27.1	Environmental and Location Studies
30	Harrison Missouri Valley Bypass		Environmental and Location Study re-eval



Partial - Part II
1998-2002
Iowa Transportation
Improvement Program

Transit and Highway Sections



**Iowa Department
of Transportation**



Iowa Department of Transportation

Citizens of Iowa:

July 15, 1998

The Iowa Department of Transportation and the Iowa Transportation Commission have developed this transportation improvement program to inform you how they plan to invest the limited funds available to serve Iowa's transportation needs. It shows when and where we propose to improve Iowa's transportation system during the five years of 1998 through 2002.

Normally a transportation improvement program is provided to the public each December. However, passage of the federal legislation replacing the Intermodal Surface Transportation Efficiency Act (ISTEA), which provides funds for highway and transit programs, was delayed. ISTEA expired September 30, 1997, and legislation to replace it was not passed by Congress until late May 1998, and signed by the President on June 9, 1998. The new legislation is called the Transportation Equity Act for the 21st Century (TEA 21) and covers six years from 1998 to 2003.

Federal funds are a major portion of the investments for highway and transit and this funding was unknown in December. The Iowa Code requires a transportation improvement program be approved by the Commission each year. However, understanding the difficulty of doing this when no federal legislation is in place, the Iowa Legislature enacted Iowa Code Section 307A.2(12) which states "... in years when the federal government is reauthorizing federal highway funding, the commission shall not be required to adopt and publish the annual plan of improvements to be accomplished until at least ninety days from the enactment of the new federal funding formula." In January 1998 we used this authority to delay publication of an annual plan.

This document is Part 2 of the 1998-2002 Transportation Program and includes the approved programs for transit funding and highway transportation investments. In December 1997 the Transportation Commission approved Part 1 of the 1998-2002 program which included the Aviation, Railroad, River, Recreational Trails, Park and Institutional Roads, Traffic Safety, RISE, Statewide Enhancements, Iowa Clean Air Attainment Program and Planning Study Sections, and was distributed.

This highway program is based on the historical funding levels provided in ISTEA and the continuation of ISTEA funding categories and programs. The Transportation Improvement Program for 1999 to 2003 will be the first program with projects based on any additional funding that may be available from TEA-21.

The highway program places emphasis on improving and completing major corridors in Iowa. Six corridors have been identified by the Commission as high priority corridors. These corridors are Iowa 5 from Knoxville to I-35; Iowa 60 from Sioux City to the Minnesota state line; U.S. 151 from Cedar Rapids to Dubuque; Iowa 330 from Des Moines to Marshalltown; the Avenue of the Saints; and the Des Moines-to-Burlington corridor. Based on current information, the development activities have been scheduled to open to traffic as a four-lane facility as follows: Iowa 5 corridor in 2002; the Iowa 60 corridor in 2004; the U.S. 151 corridor in 2003; the Iowa 330 corridor in 2002; the Avenue of the Saints in 2003; and the Des Moines-to-Burlington corridor in 2004. The Commission is dedicated to completing improvements on these corridors as soon as possible.

The continuation of the Iowa in Motion planning process was a major focus of the department and the Commission during 1997 and 1998. Iowa in Motion is the long-range planning process which will guide the department's investment of limited transportation dollars. Part I, accomplished in 1995, described the current programs and investment policy, and issues raised by the initial public input. Part II, done in 1996, developed five investment plan alternatives for comparison to the current "benchmark" alternative. Part III led to the Commission adoption of the State Transportation Plan on July 15, 1997. In 1998 we continue to update and develop modal implementation plans that will identify specific modal program guidelines and investment plans.

We emphasize this report is a planning guide only and does not represent a binding commitment or obligation of the department. This document is subject to revisions and changes which may be required by unforeseen situations, congressional or legislative action, or general economic conditions.

Many of you have given your valuable time to meet with us at our meetings or written to keep us informed of the transportation needs in your area. We appreciate your information and guidance and thank you for your interest. We encourage your continued involvement in Iowa's transportation future.

Catherine Dunn, BVM
Chair
Dubuque

Darrel Rensink
Director
Department of Transportation

Bonnie L. Vetter
Vice Chair
Spencer

Thomas L. Aller
Cedar Rapids
Commissioner

Janice M. Johnson
Waverly
Commissioner

Gordon Kokenge
Clarinda
Commissioner

Ronald N. Langston
Des Moines
Commissioner

Daniel Wiedemeier
Burlington
Commissioner



Public Transit

Public Transit Program

Iowa's public transit service program consists of 19 urban and 16 regional transit systems which have projected operating costs over \$46.9 million for fiscal year 1998. They have also programmed approximately \$23.2 million in capital improvements.

Iowa's transit program is funded from: federal transit assistance programs; local funds generated from the farebox, service contracts, local taxes, interest earnings and sale of advertising; and from one-twentieth of the first 4 cents of the state's motor vehicle use tax. It is projected that for FY 1998, approximately \$8.1 million will be appropriated for the support of public transit.

This portion of the Transportation Improvement Program shows expected expenditures for transit projects and services for fiscal year 1998, and a projection of transit needs for FY 1999 and FY 2000. Projected needs are an estimate based on information obtained from planning done by the urban and regional transit systems. The estimated expenditure by the 35 transit systems for operations and capital improvements during the next three years is approximately \$198.8 million, an average of slightly less than \$66.3 million per year.

Projects shown in this section reflect information received from local agencies concerning their needs and proposed schedules. Inclusion of these projects does not commit state or federal funds.

Operating and Capital Assistance

The largest element in the Iowa DOT's transit program is distribution of state and federal financial assistance for transit operations and capital improvements. The Iowa DOT is responsible for distributing and administering all state transit assistance. Federal transit assistance for rural areas and small urban areas of less than 50,000 population is also administered by the Iowa DOT. Federal assistance to transit systems in urbanized areas between 50,000 and 200,000 population is administered by the federal government, based on allocations and programming

determined by the Iowa DOT. Federal transit assistance to areas over 200,000 population is administered by the federal government with Iowa DOT approval.

Planning Assistance

The Iowa DOT also distributes federal transit planning assistance funds to all agencies with the exception of those using a portion of Section 5307 capital for planning purposes. These funds, along with local matching funds, support the preparation of regional transit development plans in rural areas, or transit improvement programs in urbanized areas.

Training Assistance

The Iowa DOT administers a multifaceted training program to develop the skills of local transit personnel. This includes conducting statewide seminars on topics of general interest, funding local training sessions conducted by the transit systems for their employees, and offering training fellowships which help to underwrite the cost for individuals to attend training sessions available from other sources.

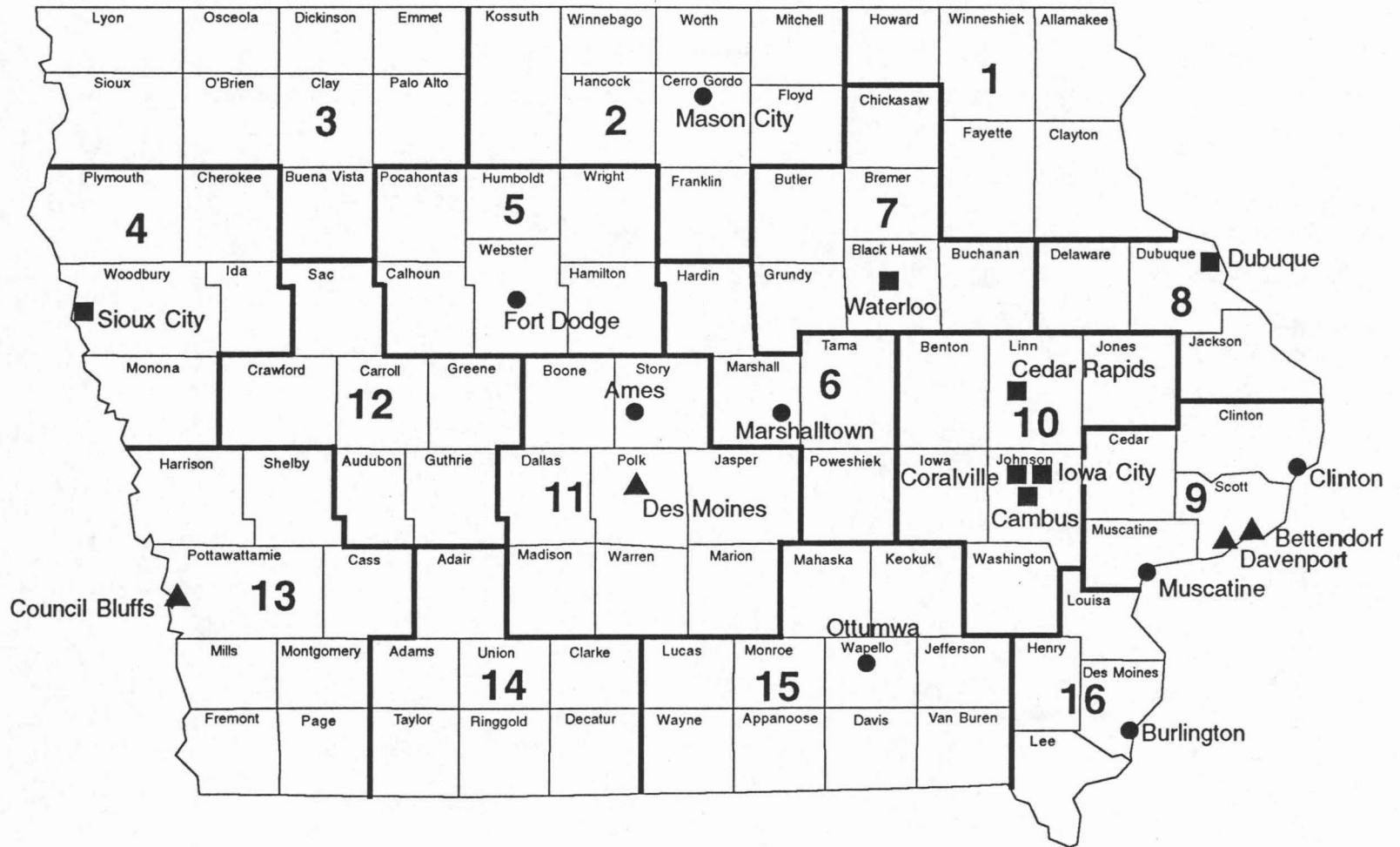
Procurement Assistance

The Iowa DOT has the responsibility to oversee local transit-related procurements involving federal funds. Procurement assistance is provided to transit systems for preparation of specifications and analysis of proposals. Local agencies are also provided the option of state-conducted procurements; access to open state procurement contracts for vans, automobiles, fuel, computers, etc.; or consortium purchases among local systems.

Department Information and Services

Financial assistance applications are distributed to the 35 designated public transit systems each year by the Planning and Programming Division. Requests for technical assistance should be addressed to the Iowa Department of Transportation, Office of Local Systems, Park Fair Mall, 100 E. Euclid, Suite 7, Des Moines, IA 50313, telephone 515-237-3302.

Large Urban, Small Urban, and Regional Transit Systems



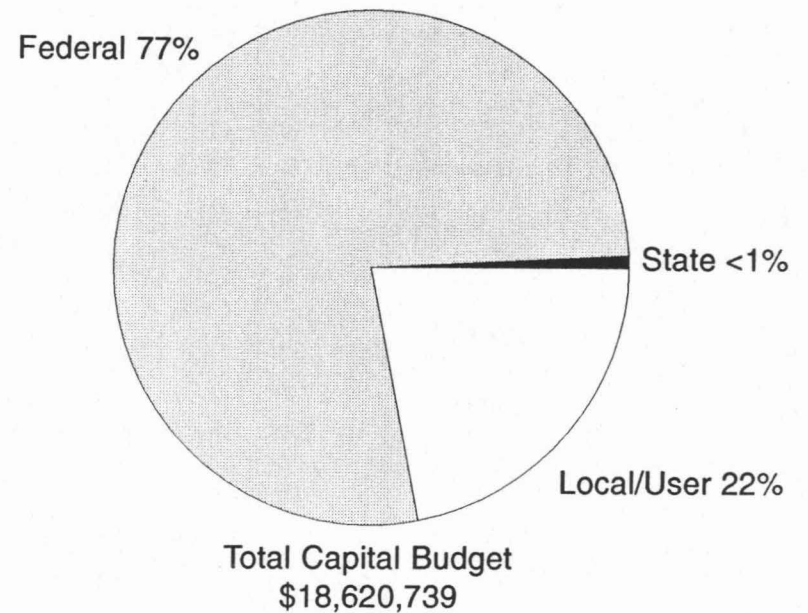
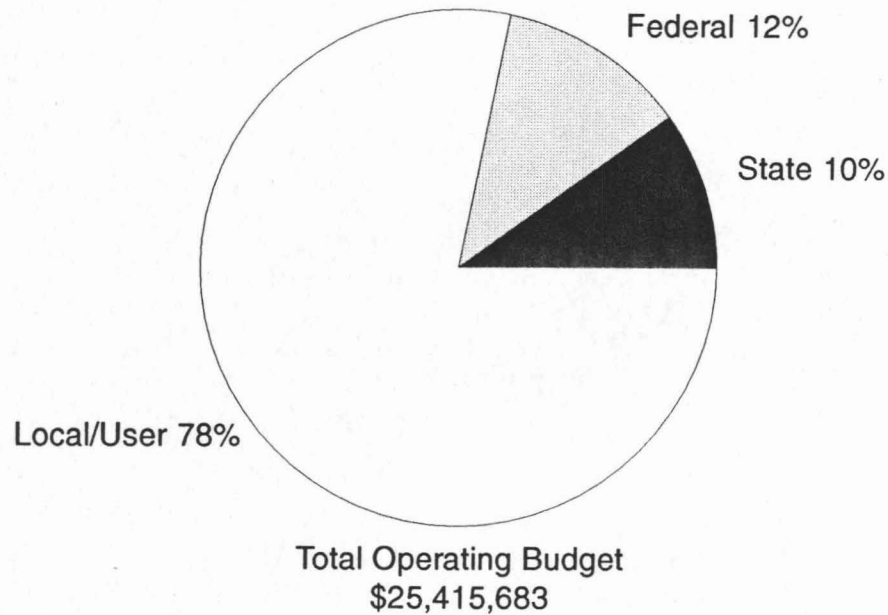
▲ 4 Transit Systems in Urbanized areas > 200,000 Population

● 8 Transit Systems in Small Urban areas < 50,000 Population

■ 7 Transit Systems in Urbanized areas 50,000 to 200,000 Population

— 16 Regional Transit Systems

Fiscal Year 1998 Operating and Capital Budgets Large Urban Transit Systems By Funding Source



Total Operating and Capital Funds \$44,036,422

Federal Fund Type Code		Type of Project O - Operating C - Capital P - Planning Type of Expenditure Reh - Rehabilitation Rep - Replace Ret - Retrofit Exp - Expansion				Total Estimated Cost			Federal Aid			STA
Planning Region/ Federal Fund Type	System	Description of Project	Vehicle I.D. #	Type Exp	Type Project	1998	1999	2000	1998	1999	2000	1998
Cedar Rapids UZA- 5307/STA	5 Seasons	General Operations/Maint./Admin./Planning/ Assoc. Capital Maint.		O/P/C		3,580,000	3,817,892	3,850,000	773,464 110,000	753,967	753,967	255,392
5309	5 Seasons	Construct skywalk to Ground Transportation Center		C	Exp		52,506			42,005		
5307	5 Seasons	Downtown Park & Ride Lot		C	Exp	437,500			191,813			
5309	5 Seasons	Intermodal bus/rail/Amtrak terminal		C	Exp		600,000			480,000		
5309	5 Seasons	Remanufacture three buses with wheelchair lifts	13, 19, 197	C	Rmf	382,800			306,240			
5307	5 Seasons	Remanufacture one buses with wheelchair lift	139	C	Rmf		127,600			102,080		
5307	5 Seasons	One service vehicle	41	C	Rep	20,000			16,000			
5307	5 Seasons	Computerized digital surveillance/camera/ public safety system on buses*		C	Exp	428,000			164,155			
5309	5 Seasons	Phone system		C	Rep	100,000			63,000			
5309	5 Seasons	Up to five driver simulators		C	Exp		250,000			200,000		
5309	5 Seasons	Electric bus project (final grant)		C	Exp	5,596,627			4,477,302			
5309	5 Seasons	Computer upgrade		C	Rep		10,000			8,000		
5307	5 Seasons	Computer upgrade		C	Rep		15,000			12,000		
5309	5 Seasons	Three service vehicles	38, 39, 40	C	Rep		105,000			84,000		
5309	5 Seasons	Retrofit two buses	747, 762	C	Ret		62,000			55,800		
5309	5 Seasons	Maintenance facility paving		C	Reh		58,000			46,400		
5309	5 Seasons	Maintenance facility accessibility (ADA)		C	Reh		30,000			27,000		
5309	5 Seasons	Remanufacture one bus with lift	808	C	Rep			127,300			101,840	
5309	5 Seasons	Rehabilitate garage		C	Reh			18,000			14,400	
5309	5 Seasons	Three service vehicles	42, 43, 168	C	Rep			160,000			128,000	
5303	Linn Co. RPC	MPO Transportation Planning		P		31,530	31,530	31,530	25,225	25,225	25,225	
* It is assumed that a congressional waiver will be made on the percentage of federal participation for this project.												
Council Bluffs - 5307/STA 5307	Council Bluffs/MAPA Council Bluffs/MAPA Council Bluffs/MAPA	General Operations/Maintenance/Administration One Minibus for Council Bluffs Special Transit Service One Minibus for Council Bluffs Special Transit Service		O C C	 Rep Rep	840,000	873,000 50,000	885,000 52,500	79,000	79,000 40,000	79,000 42,000	108,220

Federal Fund Type Code		Type of Project O - Operating C - Capital P - Planning		Total Estimated Cost			Federal Aid			STA		
5309 - Capital Discretionary Program 5303 - Metropolitan Planning Program 5307 - Urbanized Area Formula Program 5310 - Elderly & Persons with Disabilities Program 5311 - Nonurbanized Area Formula Program 5313 - State Planning & Research		Type of Expenditure Reh - Rehabilitation Rep - Replace Ret - Retrofit Exp - Expansion		1998	1999	2000	1998	1999	2000	1998		
Planning Region/ Federal Fund Type	System	Description of Project	Vehicle I.D. #	Type Exp	Type Project	1998	1999	2000	1998	1999	2000	1998
Dubuque UZA - 5307/STA	Keyline	General Operations/Maintenance/Administration/Planning		O/P/C		1,350,000	1,350,000	1,350,000	363,000	363,000	363,000	123,166
5307	Keyline	Bus Overhaul		C	Exp	60,000	60,000	60,000	48,000	48,000	48,000	
5307	Keyline	HVAC Unit for administration office		C	Rep	55,000			44,000			
5307	Keyline	Fifteen fareboxes		C	Rep	8,970			5,983			
5307	Keyline	Two chainfalls		C	Rep	3,880			3,104			
5309	Keyline	One HD bus	2547	C	Rep		205,000			170,200		
5309	Keyline	One HD bus	2548	C	Rep		205,000			170,200		
5309	Keyline	One accessible bus	2520	C	Rep		208,900			173,400		
5309	Keyline	One HD bus	2549	C	Rep			207,600			172,300	
5309	Keyline	One HD bus	2950	C	Rep			207,600			172,300	
5309	Keyline	Transit facility improvements		C	Rep			50,000			40,000	
5303	ECIA	MPO Transportation Planning		P		27,100	27,100	27,100	21,700	21,700	21,700	
Iowa City UZA - 5307/STA	la City Transit	General Operations/Maintenance/Administration/Planning		O/P		3,411,600	3,529,300	3,670,100	197,600	197,600	197,600	252,906
5307	la City Transit	Bus maintenance & bus overhaul				112,800			50,000			
5309	la City Transit	Three 35" low-floor, HD buses		C	Exp		780,000			647,400		
5309	la City Transit	Ten bus shelters & pads		C	Rep	60,000			48,000			
5307	la City Transit	One ramp-access low-floor minivan	660	C	Rep	36,000			29,880			
5307	la City Transit	Energy management system at transit building		C	Rep	10,500			8,400			
5307	la City Transit	One sweeper/scrubber for transit facility		C	Rep	35,100			28,080			
5309	la City Transit	Roof on transit facility		C	Rep		80,000			64,000		
5309	la City Transit	Five bus shelters & pads		C	Rep		30,000			24,000		
5309	la City Transit	One steam cleaner at maintenance facility		C			4,500			3,600		
5309	la City Transit	One bus-wash/cleaner at transit facility		C			168,000			134,400		
5309	la City Transit	Five bus shelters & pads		C	Rep			30,000			24,000	
5307/STA	CAMBUS	General Operations/Maintenance/Administration		O		1,662,000	1,745,100	1,832,000	68,200	68,200	68,200	338,758
5307	CAMBUS	Bus maintenance/bus overhaul		C		82,700			23,517			
5309	CAMBUS	Two passenger shelters		C	Exp		20,000			16,000		
5309	CAMBUS	Equipment for expanded maintenance facility		C	Exp		20,000			16,000		
5309	CAMBUS	Photo copy machine		C	Rep		10,200			8,160		
5307	CAMBUS	Associated Capital Maintenance		C		48,800			39,040			
5309	CAMBUS	Energy Management System for Maint. Bldg.		C	Rep		10,000			8,000		
STP	CAMBUS	Retrofit one 40' HD bus with wheelchair lift	64	C	Ret	35,000			28,000			
5309	CAMBUS	One 40' HD bus	79	C	Rep		270,000			224,100		
5309	CAMBUS	Five passenger shelters		C	Exp			68,500			54,800	
5307/STA	Coraville Transit	General Operations/Maintenance/Administration		O		920,300	938,700	957,500	52,500	52,500	52,500	121,116
STA	Coraville Transit	In-floor hoist**		C	Exp	55,000			20,800			7,315
5309	Coraville Transit	Retrofit two 40' HD buses with wheelchair lifts	96, 97	C	Ret		70,000			63,000		
5307	Coraville Transit	Transit vehicle maintenance and overhaul		C		26,400	27,200	27,200	21,120	21,760	21,760	
5309	Coraville Transit	Evaluate existing transit bldg for repair/rehabilitation						100,000			80,000	
5307	Johnson Co. COG	MPO Transportation Planning		P		14,900	14,900	14,900	11,900	11,900	11,900	

** Funded with previously approved grant.

Federal Fund Type Code		Type of Project O - Operating C - Capital P - Planning				Total Estimated Cost			Federal Aid			STA
5309 - Capital Discretionary Program 5303 - Metropolitan Planning Program 5307 - Urbanized Area Formula Program 5310 - Elderly & Persons with Disabilities Program 5311 - Nonurbanized Area Formula Program 5313 - State Planning & Research		Type of Expenditure Reh - Rehabilitation Rep - Replace Ret - Retrofit Exp - Expansion				1998	1999	2000	1998	1999	2000	1998
Planning Region/ Federal Fund Type	System	Description of Project	Vehicle I.D. #	Type Exp	Type Project	1998	1999	2000	1998	1999	2000	1998
Region 1 -												
5311/STA	NRTS	General Operations/Maintenance/Administration		O		605,481	619,621	631,866	60,918	77,109	63,379	233,977
STA	NRTS	Interior wall replacement project for ADA conversion vans				11,200						5,000
5311	NRTS	One Non-ADA standard vans	1011	C	Rep	24,000			19,200			
5309	NRTS	One Non-ADA standard vans	1017	C	Rep		24,000			19,200		
5309	NRTS	One conversion van	1005	C	Rep	38,000			31,540			
5309	NRTS	One conversion van	911	C	Rep	38,000			31,540			
STP	NRTS	One Non-ADA standard van	916	C	Rep	24,000			14,000			
5309	NRTS	Three Non-ADA standard vans		C	Rep		74,100			59,280		
5309	NRTS	One 158" LD bus		C	Rep		41,200			34,196		
5309	NRTS	One Non-ADA standard van		C	Rep			25,400			20,320	
5309	NRTS	Three 138" LD buses		C	Rep			127,200			105,576	
5309	NRTS	Bus overhaul		C	Rep			38,200			31,706	
5309	NRTS	RPA Transportation Planning		P		11,016	11,875	11,016	8,813	9,500	8,813	
5311	UERPC					11,016	11,875	11,016	8,813	9,500	8,813	
Region 2 -												
5311/STA	NIARTS	General Operations/Maintenance/Administration		O		1,092,000	1,147,000	1,204,000	79,000	91,188	84,000	280,786
5309**	NIARTS	One diesel 138" LD buses	D028	C	Rep	44,000			36,520			
5309	NIARTS	Four diesel 138" LD buses	4006, D032, E003, G006	C	Rep		176,000			146,080		
5309	NIARTS	One diesel 158"e wb LD bus	B005	C	Reh	15,000			12,000			
5309	NIARTS	Three Non-ADA standard vans	D030, D031, F001	C	Rep		72,000			57,600		
STP	NIARTS	Two minivans (low-floor)		C	Exp	72,000			55,800			
5309	NIARTS	Nine diesel 138" LD buses	6004, 8003, D033, E004, G007, M004, N005, S012, N006	C	Rep		396,000			333,000		
5309	NIARTS	Three diesel 158"e wb buses	D034, D035, G008	C	Rep		153,000			126,000		
5309	NIARTS	Two diesel 138" LD buses	D024, D025	C	Rep		88,000			74,000		
5309	NIARTS	One diesel LD bus	S013	C	Rep			53,000			44,000	
5309	NIARTS	Two diesel 158"e wb LD buses	D036, D037	C	Rep			102,000			84,000	
5309	NIARTS	Seven diesel 138" LD buses	G009, D038, D041, D042, S014, E005, D039	C	Rep			308,000			259,000	
5311/STA	Mason City Transit	General Operations/Maintenance/Administration		O		483,400	512,400	543,100	76,410	86,138	178,500	155,086
5309	Mason City Transit	Two diesel 176" LD bus	20	C	Rep	58,000			40,860			
5309	Mason City Transit	One diesel 176" LD bus	22	C	Rep		58,000			48,140		
5309	Mason City Transit	Two diesel 176" LD buses	23, 25	C	Rep		116,000			96,280		
5309	Mason City Transit	Bus Barn		C	Exp		700,000			560,000		
5309	Mason City Transit	Two diesel 176" LD buses	26, 27	C	Rep			116,000			96,280	
5311	NIACOG	RPA Transportation Planning		P		17,674	17,674	17,674	14,139	14,139	14,139	

** Funded with previously approved grant.

Federal Fund 5309 - Capital Discretionary Program Type Code 5303 - Metropolitan Planning Program 5307 - Urbanized Area Formula Program 5310 - Elderly & Persons with Disabilities Program 5311 - Nonurbanized Area Formula Program 5313 - State Planning & Research		Type of Project O - Operating C - Capital P - Planning Type of Expenditure Reh - Rehabilitation Rep - Replace Ret - Retrofit Exp - Expansion				Total Estimated Cost			Federal Aid			STA
Planning Region/ Federal Fund Type	System	Description of Project	Vehicle I.D. #	Type Exp	Type Project	1998	1999	2000	1998	1999	2000	1998
Region 5 - 5310*/5311*/STA	MIDAS	General Operations/Maintenance/Administration		O		742,000	759,000	797,000	55,237	59,115	55,200	240,925
5309	MIDAS	Associated Capital Maintenance		C		23,200	25,000	27,000	7,737	20,000	21,600	
STA	MIDAS	Special Marketing Project				20,000						10,000
5309	MIDAS	Clarion storage		C			69,000			55,200		
5309	MIDAS	Two 176" LD buses	P3, CC11	C	Reh		31,800			25,440		
5311	MIDAS	Two 176" LD buses	H11, CC1	C	Rep	106,000			87,980			
5309	MIDAS	One 176" LD buses	CC2	C	Rep	53,000			43,990			
5309	MIDAS	One 30' MD bus	CC9	C	Rep	96,000			79,680			
5309	MIDAS	Radio		C	Rep		60,000			48,000		
5309	MIDAS	One minivan	EG4	C	Rep		36,000			29,900		
5309	MIDAS	One Non-ADA 25 passenger LD bus	HC7	C	Reh		13,200			10,600		
5309	MIDAS	One 176" LD bus	H12	C	Reh		15,900			12,700		
5309	MIDAS	One 176" LD bus	HC8	C	Reh			15,900			12,700	
5311/STA	DART/Fort Dodge	General Operations/Maintenance/Administration		O		533,100	551,800	571,100	65,678	91,532	65,700	148,054
STA	DART/Fort Dodge	Special Project - Monitor/Scanner				2,000						1,000
5309	DART/Fort Dodge	Associated Capital Maintenance		C		23,400	25,000	27,000	7,804	20,000	21,600	
5311	DART/Fort Dodge	One 176" LD buses	FD31	C	Reh	17,300			13,840			
5309**	DART/Fort Dodge	One 176" LD buses	FD32	C	Reh	17,300			13,840			
5311	DART/Fort Dodge	Two 30' MD buses	FD29, FD16	C	Rep	200,000			166,000			
5309	DART/Fort Dodge	Park & Ride		C	Exp		2,212,000			1,769,600		
5309	DART/Fort Dodge	One 176" LD bus	FD21	C	Reh		15,800			12,600		
5309	DART/Fort Dodge	Two 30' MD buses	FD22, FD17	C	Rep		178,000			147,600		
5309	DART/Fort Dodge	One 176" LD bus	FD28	C	Reh			17,300			13,800	
5309	DART/Fort Dodge	One 30' MD bus	FD10	C	Rep			84,000			69,700	
5309	DART/Fort Dodge	One 30' MD bus	FD24	C	Rep			89,000			73,800	
5309**	DART/Fort Dodge	Shelters		C		48,000	16,000	16,000	16,008	3,200	3,200	
5313	MIDAS	RPA Transportation Planning		P		13,200	13,200	13,200	10,574	10,600	10,600	
<p>* 1998 Federal Participation: 5310 = \$32,877, 5311 = \$22,323 ** Funded with previously approved grant</p>												
Region 6 - 5311/STA	R6PC	General Operations/Maintenance/Administration		O		420,000	425,000	425,000	26,951	32,241	20,000	155,519
STA	R6PC	Hardin & Marshall Cos Mental Health Transportation Shuttle		O		25,000						7,700
STA	R6PC	Region 6 Rural Health Demonstration Project		O		150,000						31,000
5309	R6PC	One 176" LD bus	212	C	Rep	49,000			40,670			
5311	R6PC	Two conversion vans	502, 506	C	Rep	76,000			63,080			
5309	R6PC	Two conversion vans		C	Exp		76,000			63,080		
5309	R6PC	Three minivans		C	Exp		108,000			89,640		
STP	R6PC	Three conversion vans	213, 520, 307	C	Reh		30,000			24,000		
STP	R6PC	One 158" LD bus	109	C	Reh		10,000			8,000		

Federal Fund Type Code		Type of Project O - Operating C - Capital P - Planning Type of Expenditure Reh - Rehabilitation Rep - Replace Ret - Retrofit Exp - Expansion				Total Estimated Cost			Federal Aid			STA
Planning Region/ Federal Fund Type	System	Description of Project	Vehicle I.D. #	Type Exp	Type Project	1998	1999	2000	1998	1999	2000	1998
Region 11 - (continued)												
5311	Heart of Iowa	One 138" LD bus	7612	C	Rep	40,000			33,200			
5309	Heart of Iowa	One 138" LD bus	4410	C	Rep	42,410			35,200			
5309	Heart of Iowa	One minivan	5505	C	Rep	36,000			29,880			
5309	Heart of Iowa	Two 176" LD bus		C	Exp	98,000			65,366			
5309	Heart of Iowa	Four 176" LD bus		C	Exp		196,000			162,680		
5309	Heart of Iowa	One 176" LD bus (transfer from Cy-Ride)	906A	C	Exp		49,000			40,670		
5309	Heart of Iowa	One 176" LD bus		C	Exp		53,000			43,990		
5309	Heart of Iowa	Fifteen 176" LD buses	1116, 1117, 1118, 2214, 2215, 3310, 3314, 3315, 4411, 6516, 6518, 7616, 7620, 7621, 8713	C	Rep		795,000			659,850		
5309	Heart of Iowa	One minivan		C	Exp		36,000			29,880		
5309	Heart of Iowa	One 176" LD bus		C	Exp			55,000			45,650	
5309	Heart of Iowa	Seven 176" LD buses	3312, 7619, 9501, 9503, 9504, 8707, 8712	C	Rep			385,000			319,550	
5309	Heart of Iowa	One minivan	4012	C	Rep			36,000			29,880	
5311/STA	Cy-Ride	General Operations/Maintenance/Administration		O	Rep	3,306,400	3,405,600	3,507,800	379,487	420,000	420,000	272,548
5309	Cy-Ride	One conversion van		C	Exp		37,000			30,710		
5309	Cy-Ride	One minivan	925	C	Rep		36,000			29,880		
5309	Cy-Ride	Five 40' HD buses (low floor)	884, 903, 904, 905, 922 882, 883	C	Rep		1,400,000			1,162,000		
5309	Cy-Ride	Two 35' HD buses (low floor)		C	Reh	520,000			215,800			
5309	Cy-Ride	Two 40' HD buses (low floor)		C	Exp		560,000			464,800		
5309	Cy-Ride	Two diesel trolley replicas		C	Exp		390,000			323,700		
5309	Cy-Ride	Replace Cy-Ride garage roof		C	Reh	40,000			32,000			
5309**	Cy-Ride	Shop parts washer		C	Rep	7,000			5,600			
5309	Cy-Ride	Tire changer		C	Rep		5,000			4,000		
5309	Cy-Ride	One shop truck	854	C	Rep	45,000			36,000			
5309	Cy-Ride	One bus washer		C	Rep		25,000			20,000		
5309	Cy-Ride	Air compressor and air dryer		C	Rep	20,000			16,000			
5309	Cy-Ride	Air conditioner units for facility		C	Rep		12,000			96,000		
5309	Cy-Ride	Hydraulic hoist		C	Rep	60,000			40,000			
5309	Cy-Ride	Rebuild CyRide Drive		C	Rep		90,000			72,000		
5309	Cy-Ride	Statewide Intercity Bus & Rail Brochure		C	Rep		10,000			8,000		
5309	Cy-Ride	One 158" LD bus	923	C	Rep		55,400			45,900		
5309	Cy-Ride	Two 35' HD buses (low floor)	886, 887	C	Rep		535,600			444,500		
5309	Cy-Ride	Section 15 software		C	Exp		30,000			24,000		
5309	Cy-Ride	Four 40' HD buses (low floor)	888, 889, 890, 891, 898	C	Rep			1,188,200			986,200	
5309	Cy-Ride	One 40' HD buses (low floor)		C	Exp			297,100			246,600	
		** Funded with previously approved grant.										

Federal Fund Type Code		Type of Project O - Operating C - Capital P - Planning				Total Estimated Cost			Federal Aid			STA
5309 - Capital Discretionary Program 5303 - Metropolitan Planning Program 5307 - Urbanized Area Formula Program 5310 - Elderly & Persons with Disabilities Program 5311 - Nonurbanized Area Formula Program 5313 - State Planning & Research		Type of Expenditure Reh - Rehabilitation Rep - Replace Ret - Retrofit Exp - Expansion				1998	1999	2000	1998	1999	2000	1998
Planning Region/ Federal Fund Type	System	Description of Project	Vehicle I.D. #	Type Exp	Type Project	1998	1999	2000	1998	1999	2000	1998
Region 13 - 5311/STA	SWITA	General Operations/Maintenance/Administration		O		800,000	800,000	800,000	59,200	72,780	59,200	226,060
5311	SWITA	Associated Capital Maintenance		C		60,000	60,000	60,000	0	48,000	48,000	
5309	SWITA	Four 158"e wb LD buses	9303, 9304, 9305, 9306	C	Rep		188,000			156,000		
5309	SWITA	Four 158"e wb LD buses	9004, 9302, 9307, 9309	C	Rep			188,000			156,000	
5311	SWIPCO	RPA Transportation Planning		P		9,000	9,000	9,000	7,200	7,200	7,200	
Region 14 - 5311/STA	So. Ia. Trolley	General Operations/Maintenance/Administration		O		650,000	600,000	600,000	54,839	68,833	54,800	226,350
5309	So. Ia. Trolley	Bus overhaul maintenance		C		15,000	15,000	15,000	10,005	12,000	12,000	
STP	So. Ia. Trolley	One 158"e wb LD bus	44	C	Rep	44,000			36,500			
5309	So. Ia. Trolley	Seven minivans		C	Exp		126,000			100,800		
5309**	So. Ia. Trolley	Shop equipment		C		11,000			7,337			
5309	So. Ia. Trolley	Three 176" LD buses	29, 31, 36	C	Rep		147,000			122,000		
5309	So. Ia. Trolley	Five conversion vans	39, 40, 41, 42, 43	C	Rep			190,000			157,700	
5311	SICOG	RPA Transportation Planning		P		8,100	8,100	81,000	6,500	6,500	65,000	
** Funded with previously approved grant.												
Region 15 - 5311/STA	10/15 Reg Agency	General Operations/Maintenance/Administration		O		661,500	695,700	730,500	56,900	67,033	56,900	226,924
STP	10/15 Reg Agency	One 176" LD bus	66	C	Rep	43,494			36,100			
5309	10/15 Reg Agency	Four 176" LD buses	78, 79, 80, 81	C	Rep		196,000			162,680		
5309	10/15 Reg Agency	Four 176" LD buses	02, 03, 946, 947	C	Rep			196,000			162,680	
STP	10/15 Reg Agency	One 176" LD bus	948	C	Rep			49,000			40,670	
5311/STA	Ottumwa Tran. Auth	General Operations/Maintenance/Administration		O		472,500	497,000	521,800	68,268	80,230	68,300	136,666
5311	Area XVRPC	RPA Transportation Planning		P		11,470	11,470	12,000	9,180	9,180	9,600	

Highway

Highway Program

Normally, a transportation improvement program is provided to the public each December. However, passage of the federal legislation replacing the Intermodal Surface Transportation Efficiency Act (ISTEA) which provides funds for highway and transit projects, was delayed. ISTEA expired on September 30, 1997, and legislation to replace it was not passed by Congress until late May 1998, and signed by the President on June 9, 1998. The new legislation is called the Transportation Equity Act for the 21st Century (TEA21), and covers six years from 1998 through 2003.

This section contains the primary and interstate highway construction-related investments planned for fiscal years 1998 through 2002. Fiscal years 2003 and 2004 are only included to show continuing activities on currently programmed projects which begin fiscal year or before. In general, contracts awarded during the fiscal year are constructed during the corresponding calendar year. The highway improvement program is arranged by county, and indicates improvements planned for primary and interstate highways. In addition, a listing of highway improvements by corridor is provided. A map showing the location of each 1998 project in the state is on page 100 of this report.

Many highway improvement projects require more than five years to develop. For example, a major reconstruction and relocated highway project may take seven to 10 years to develop and construct. This program includes a Planning Study Section (following the construction program) that shows projects for which planning activities have been authorized. When the planning activities are complete, or nearly complete, these projects may be considered for addition to the construction program. However, including a highway segment in the Planning Study Section does not ensure the project will be constructed. The planning review may conclude some projects are not priority candidates for further construction action. Other projects may be selected for further development.

Highway Program

The highway program places emphasis on improving and completing major corridors in Iowa. Six corridors have been identified by the Commission as high priority corridors. These corridors are Iowa 5 from Knoxville to I-35; Iowa 60 from Sioux City to the Minnesota state line; U.S. 151 from Cedar Rapids to Dubuque; Iowa 330 from Des Moines to Marshalltown; the Avenue of the Saints; and the Des Moines-to-Burlington corridor. Based on current information, the development activities have been scheduled to open to traffic as a four-lane facility as follows: Iowa 5 corridor in 2002; the Iowa 60 corridor

in 2004; the U.S. 151 corridor in 2003; the Iowa 330 corridor in 2002; the Avenue of the Saints in 2003; and the Des Moines-to-Burlington corridor in 2004. The Commission is dedicated to completing improvements on these corridors as soon as possible.

Public Participation

Throughout the year, DOT staff meets with local agencies and organizations to discuss potential projects and outline local transportation project priorities. During the five-year program development, officials in cities, counties and other agencies are provided preliminary information regarding proposed construction in their respective areas. Comments on the proposed program are encouraged.

Last year the Iowa Transportation Commission conducted meetings at four locations around the state for the specific purpose of receiving local input on planning and programming. Meetings were conducted in Denison, Burlington, Des Moines and Cedar Rapids. Over 30 delegations presented their views. The Commission intends to continue this practice. The Department has benefitted from these meetings and encourages organizations to continue working with the Commission to direct Iowa's transportation future. Awareness of local issues is an invaluable tool for creating a successful transportation program.

Commercial and Industrial Network

A major Department objective is to support economic development through transportation investments. A central focus of this is designation of the Commercial and Industrial Network (CIN). The Governor and the Legislature formally adopted the concept of the CIN in 1989, which is now also designated as the Federal National Highway System. The stated purpose of the CIN is to improve the flow of commerce; make travel more convenient, safe and efficient; and better connect Iowa with regional, national and international markets. Roadways within this system serve as corridors that provide vital links for services and movements of raw materials and consumer goods. This program included approximately \$208 million in 1998 for improvements on the non-interstate portion of the CIN. A map showing the designated CIN is on page 97.

Department Information and Services

Information concerning all aspects of the highway program can be obtained from the nearest DOT transportation center listed on the back of the inside front cover of this report.

Living Roadway Trust Fund

The Living Roadway Trust Fund (LRTF) was authorized by the Iowa Legislature and established in July 1989. This fund was created to implement Integrated Roadside Vegetation Management (IRVM) programs on city, county or state rights-of-way or areas adjacent to traveled roadways. As part of the legislation, an IRVM coordinator's office was established to administer grants and assist in developing community enhancement projects or other planting demonstration projects throughout the state. Examples of projects eligible for funding through this program are planning and public education, installation or initial maintenance and development, special staff training, special equipment, or increased protection for existing vegetation. The Code of Iowa, Section 314.22, requires that county or city applicants must have an IRVM plan on file with the IRVM coordinator's office before applying for funds. It further states that all county applications must be sponsored by the county engineer or the county conservation board. The application deadline is August 30 for each fiscal year. All applications received are reviewed by the IRVM Technical Advisory Committee. This committee is appointed by the Director of Transportation and recommends approval of qualified applications. The Director authorizes funding based on the recommendations of the advisory committee.

The Living Roadway Trust Fund (LRTF) has four funding sources:

1. \$150,000 from the Road Use Tax Fund, which formerly was used by the Department of Agriculture and Land Stewardship for the Wind Erosion Control Plan.
2. \$100,000 from the Road Use Tax Fund previously used by the Iowa Department of Transportation to create shelter belts.
3. Three percent of the Resources Enhancement and Protection Funds.
4. Fees obtained from utility easements along interstate and other divided four-lane, access-controlled highways.

Income from these sources, after distribution of the legislatively mandated amounts, are divided between city, county and state projects according to the Road Use Tax Fund distribution formula.

Since the beginning of this program, over \$4.8 million has been approved for more than 490 projects around the state. These funds allowed the purchase of special equipment, roadside inventories, gateway plantings, native grass and forb seed, tree and shrub plantings, and research and educational programs. The requested dollar amount for FY 1998 projects are listed by jurisdiction on page 94. The map on page 95 shows the approximate location of those projects.

The IRVM coordinator's office established the framework to begin the program and the state IRVM plan. The office has funded a wildflower brochure, educational display and native wildflower packets. Also, native seed for planting has been provided to DOT shop sites, interstate rest areas and public school grounds. These projects will enhance aesthetics, and will provide identification and management training and future seed sources.

Public education is one of the major goals of the Living Roadway Trust Fund program. The coordinator's office made numerous presentations and attended several conferences around the state to explain the program. Distribution of brochures and other information to increase awareness and public support for Iowa's native vegetation is available on request. LRTF has funded roadside management public service announcements and videos on Iowa's reappearing landscape and management techniques for roadsides. These are available to interested persons.

Applications for FY 1998 funding were submitted by cities, counties and the state. The total amount of funding requested was \$1,200,000 of which \$683,305 was funded.

Requests for applications or additional information about this program should be directed to the Iowa Department of Transportation, Office of Design, 800 Lincoln Way, Ames IA 50010, Attention: Roadside Coordinator, or call 515-239-1768.

Living Roadway Trust Fund Projects

I O W A

STATE HIGHWAY MAP

Prepared By

Iowa Department of Transportation

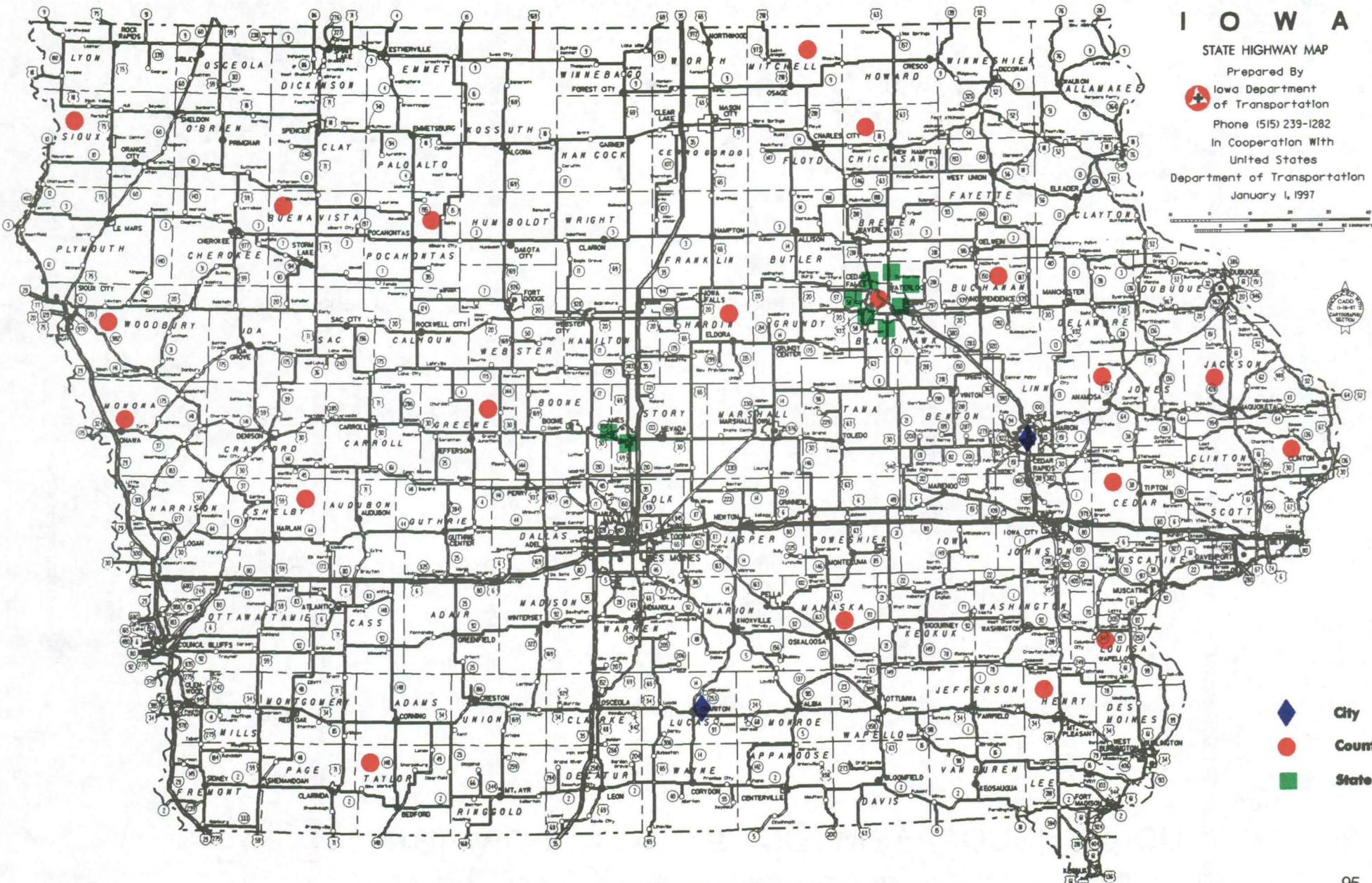
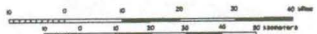
Phone (515) 239-1282

In Cooperation With

United States

Department of Transportation

January 1, 1997

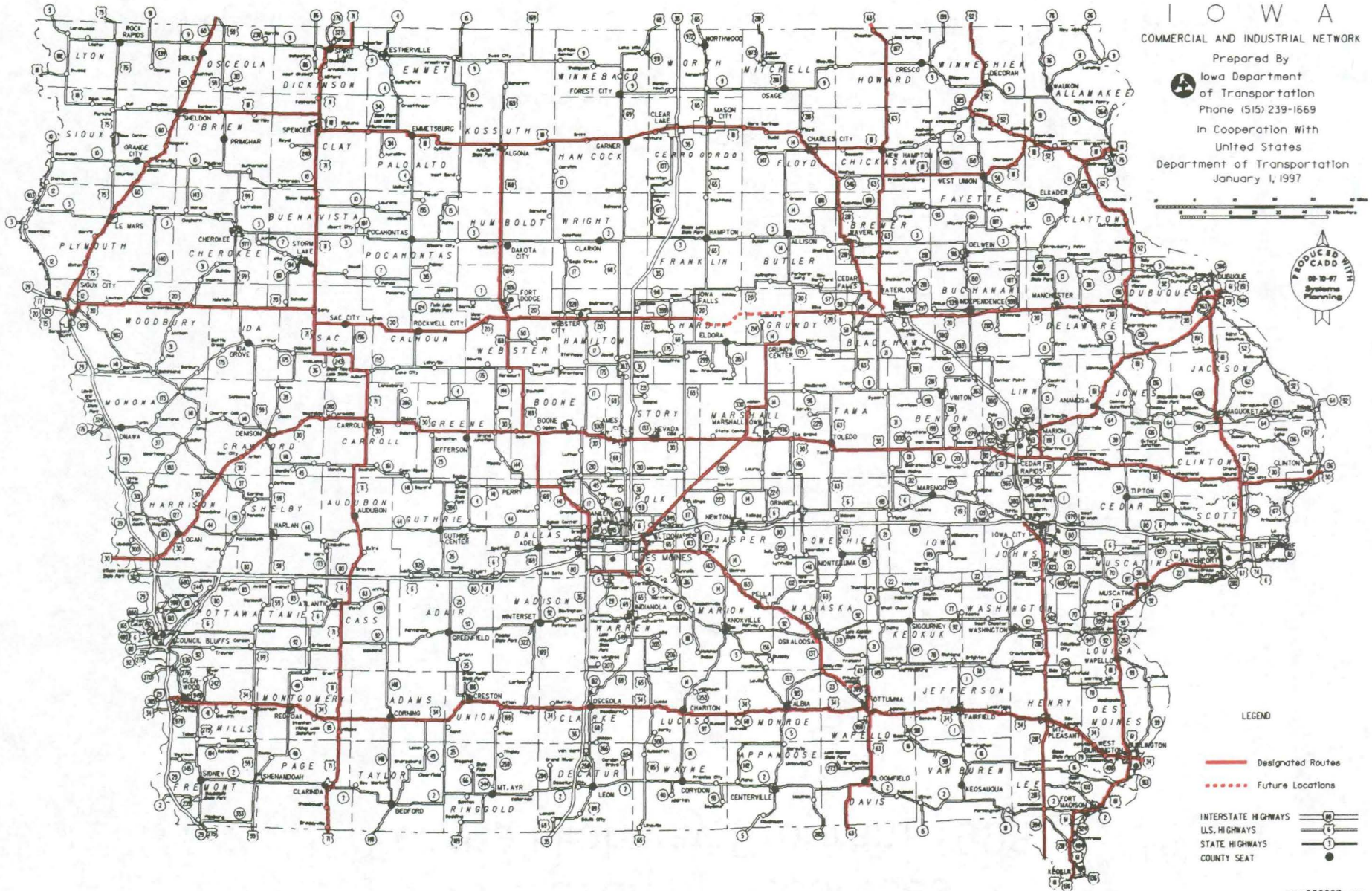


◆◆ 2 Statewide Projects

■■■■■■■■■■ 9 Statewide Projects

- ◆ City
- County
- State

Commercial and Industrial Network



I O W A
COMMERCIAL AND INDUSTRIAL NETWORK

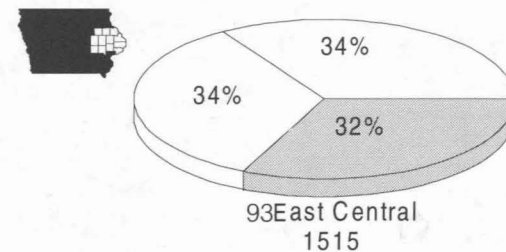
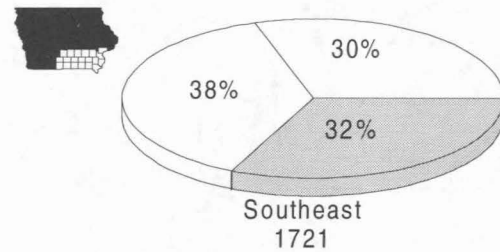
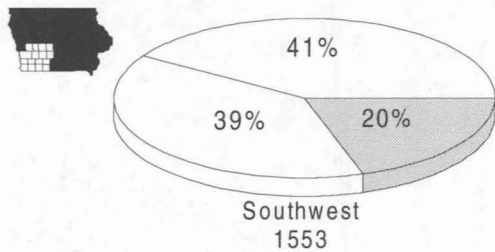
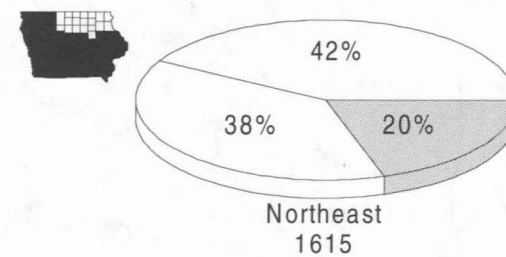
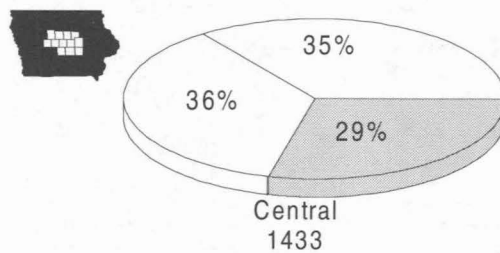
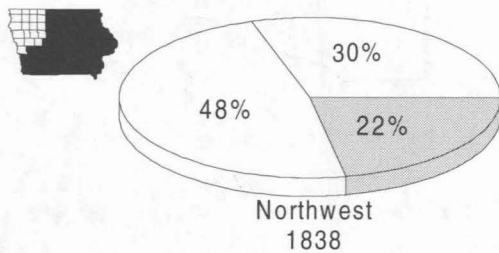
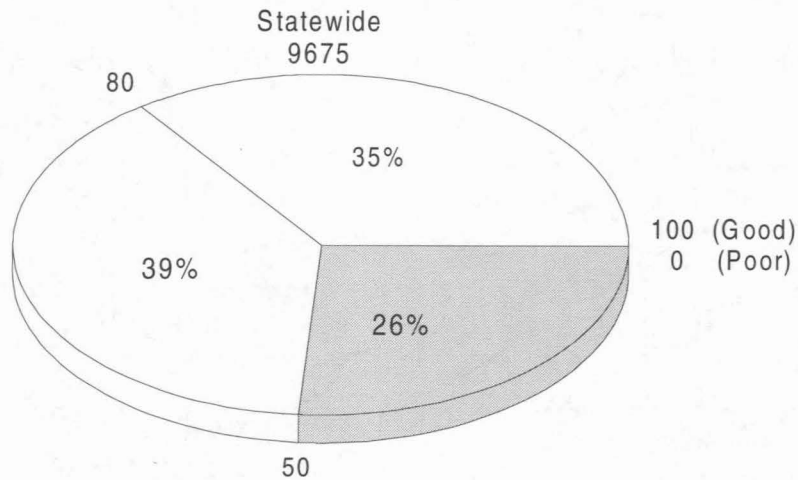
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January 1, 1997



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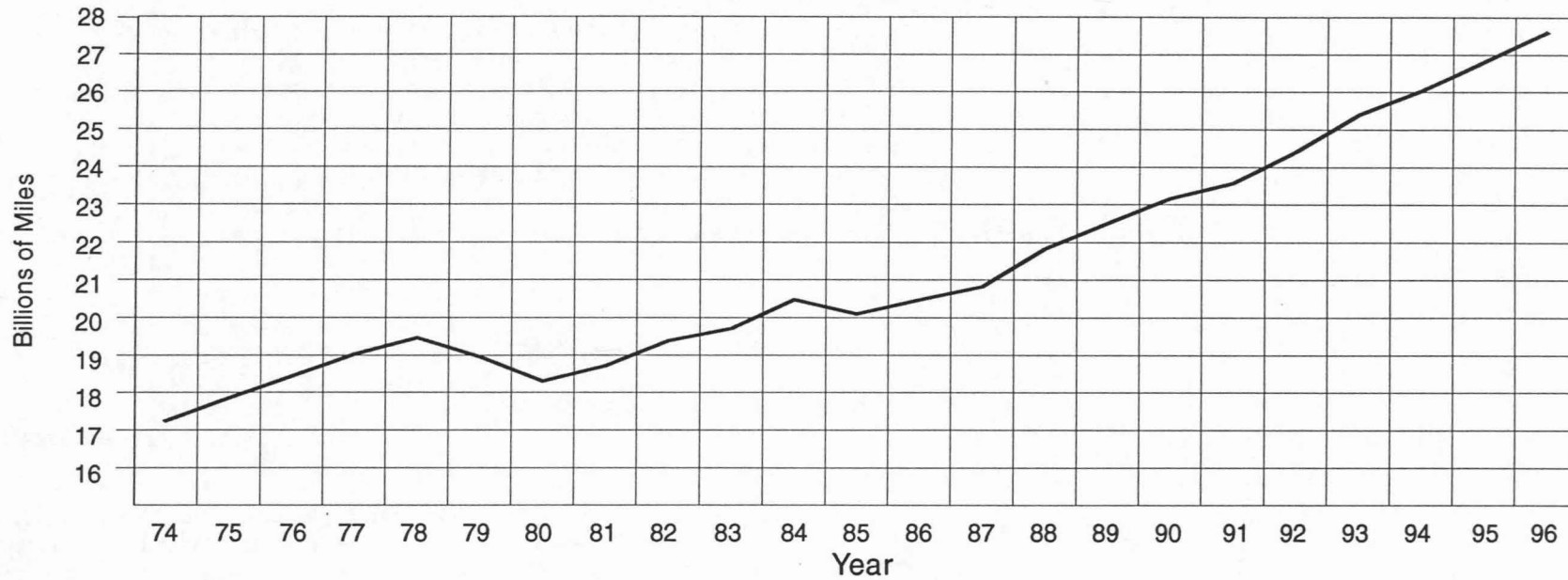
Sufficiency Rating Comparison All Classification

(Rural and Urban)

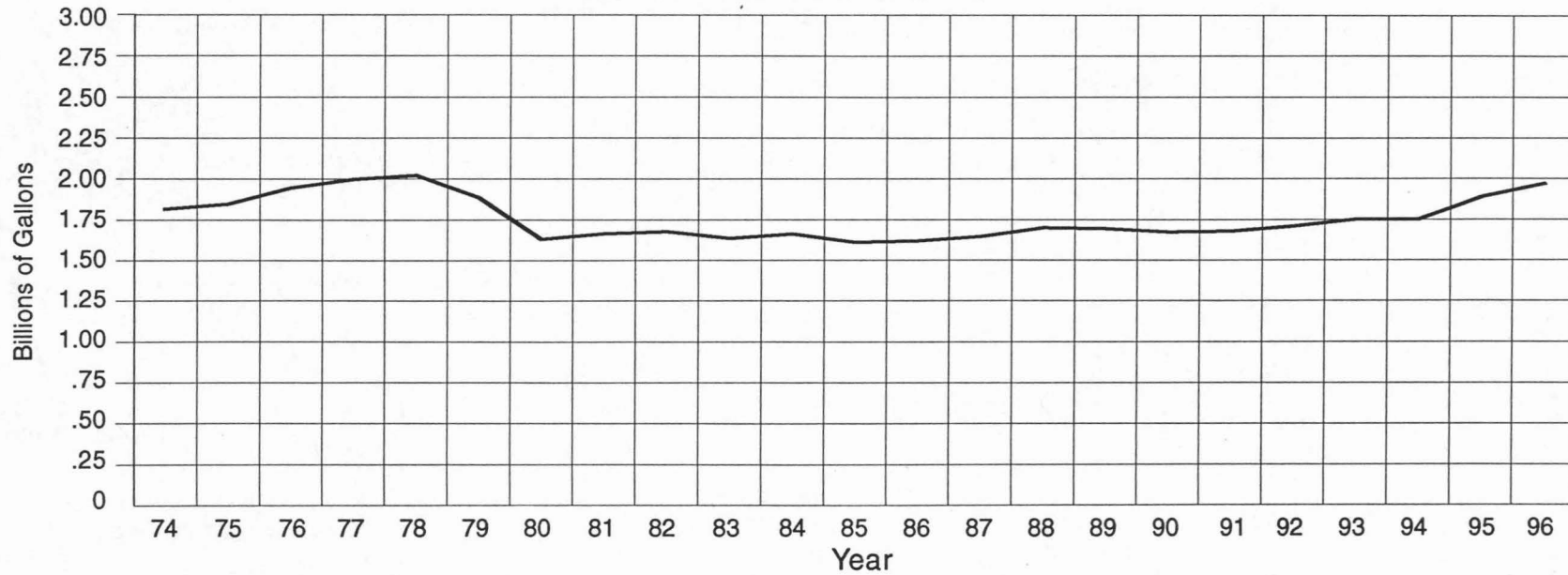


Source: 1997 Iowa Primary Road Sufficiency Log Note: A higher sufficiency rating indicates a better roadway condition

Vehicle Miles Traveled



Motor Fuel Consumed



The movement toward greater fuel efficiency began in the 1970s in the wake of the OPEC oil embargo. In response to the increasing U.S. dependence on foreign oil sources, the U.S. government mandated automobile manufacturers to increase the fuel efficiency of the cars they produce. Total motor fuel consumption in Iowa for 1995 was about the same as fuel consumption earlier. However, travel by motorists has increased by more than 33 percent during this same time period.

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	WORK RATING CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
						1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(01) ADAIR													
80	17300	FROM CASS COUNTY LINE TO IA 25 INTERCHANGE - 12.5 MILES OVERLAY IN (WB)	11.0	93 PRESERVE	PATCHING PAVEMENT REHAB BRIDGE RAIL RETROFIT GUARDRAIL	50	100 4585 57 42						
80		REST AREA IMPROVEMENTS 3 MILES EAST OF ADAIR INTERCHANGE - NEW BUILDING IN 2000 (EB) AND 2002 (WB)		NA MODERNIZE	OUTSIDE SERV. ENGINEER REST AREA IMPROVEMENT		180		800		1000		
80	17300	BRIDGE DECK OVERLAY OVER MIDDLE RIVER AT CASEY INTERCHANGE (EB)		79 PRESERVE	BRIDGE DECK OVERLAY	111							
80	17300	FROM IA 25 INTERCHANGE TO MADISON COUNTY LINE	11.0	94 PRESERVE	PATCHING		50	50					
(02) ADAMS													
34	2050	FROM MONTGOMERY COUNTY LINE TO JCT IA 148	10.2	78 PRESERVE	SUBDRAINS PAVEMENT REHAB CULVERT EXTENSION GUARDRAIL	161 2129 233 15							
34	2050	REPAIR FORESLOPE SLIDE 1.5 MILES EAST OF MONTGOMERY COUNTY LINE		NA PRESERVE	RIP RAP CULVERT EXTENSION		25 15						
(03) ALLAMAKEE													
9	2100	MISSISSIPPI RIVER BRIDGE AT LANSING - IOWA'S SHARE		39 PRESERVE	OUTSIDE SERV. BR. INSP MISCELLANEOUS BRIDGE PAINTING PLANNING STUDY	80		80 20	80 20	80 20			

NA=NOT APPLICABLE

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(06) BENTON														
30	4840	FROM TAMA COUNTY LINE TO WEST OF WEST JCT US 218	13.9	26	REBUILD	OUTSIDE SERV. ENGINEER PLANNING STUDY		75						
30	6000	FROM WEST OF WEST JCT US 218 TO IA 201 - ADD 2-LANE - INCLUDES MUD CREEK BRIDGE IN 2000	6.0	22	REBUILD	GRADE	1648							
						WETLAND MITIGATION	26							
						BRIDGE NEW	310							
						CULVERT NEW	173							
						PAVE		4668						
						LIGHTING		92						
						TRAFFIC SIGNS		34						
						EROSION CONTROL				292				
						BRIDGE REPLACEMENT				298				
131	2870	REPLACE 3 CULVERTS IN BELLE PLAINE		NA	REBUILD	CULVERT REPLACEMENT					98			
218	1320	REPLACE BRIDGE OVER PRATT CREEK 0.2 MILE NORTH OF VINTON		39	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT					6		450	
218	1750	REPAIR BRIDGE OVER PRATT CREEK 2.5 MILES WEST OF JCT IA 198		48	PRESERVE	BRIDGE REPAIR							39	
380	12900	FROM LINN COUNTY LINE TO BLACK HAWK COUNTY LINE	9.1	99	PRESERVE	PATCHING	70	110	110					
380		CONSTRUCTION OF NEW REST AREA NEAR URBANA INTERCHANGE - (SB & NB)		NA	CONSTRUCT	RIGHT OF WAY REST AREA IMPROVEMENT						50	3150	
920	1150	REPLACE CULVERT 1.4 MILES WEST OF LINN COUNTY LINE		NA	REBUILD	CULVERT REPLACEMENT				48				

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(08) BOONE														
30	3490	FROM GREENE COUNTY LINE TO EAST JCT US 169	7.1	38	REBUILD	OUTSIDE SERV. ENGINEER PLANNING STUDY		75						
30	6300	FROM 1 MILE EAST OF OGDEN TO WCL OF BOONE - 4 LETDOWN STRUCTURES	6.0	94	PRESERVE	CULVERT REPAIR	134							
30	10350	FROM IA 17 INTERCHANGE EAST 2 MILES - (EB & WB)	2.0	95	PRESERVE	PAVEMENT REHAB		676						
(09) BREMER														
3	4780	FROM BUTLER COUNTY LINE TO WCL WAVERLY	2.5	53	PRESERVE	SUBDRAINS PAVEMENT REHAB GUARDRAIL		45 456 11						
3	4780	FROM 8TH STREET NORTHEAST IN WAVERLY TO JCT US 63	6.6	14	REBUILD	EROSION CONTROL	210							
3	3120	BRIDGE DECK OVERLAY OVER CRAINS CREEK 0.5 MILE WEST OF JCT COUNTY ROAD V-43		56	PRESERVE	BRIDGE DECK OVERLAY		95						
3	2050	BRIDGE DECK OVERLAY OVER WAPSIPINICON RIVER 1.6 MILES WEST OF COUNTY ROAD V-56 INTERSECTION		97	PRESERVE	BRIDGE DECK OVERLAY					291			
63	4180	FROM JCT IA 3 TO CHICKASAW COUNTY LINE - ADD 2-LANE	13.9	34	CONSTRUCT	WETLAND MITIGATION RIGHT OF WAY GRADE BRIDGE NEW PAVE LIGHTING EROSION CONTROL	8 1497	33 7096 3270			10295 116		527	

NA=NOT APPLICABLE

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(10) BUCHANAN														
20	4870	REPAIR BRIDGES OVER BUFFALO CREEK 3.1 MILES WEST OF IA 187 INTERCHANGE - (EB & WB)		97	PRESERVE	BRIDGE REPAIR	155							
20	4710	FROM IA 187 TO DELAWARE COUNTY LINE	2.5	94	PRESERVE	PAVEMENT REHAB			477					
150	6800	REPLACE BRIDGE DECK OVER WAPSIPINICON RIVER IN INDEPENDENCE-CITY ADMINISTERED		61	PRESERVE	BRIDGE REMODEL			520					
282	1360	BRIDGE DECK OVERLAY OVER SMALL NATURAL STREAM 1.1 MILES NORTH OF QUASQUETON		26	PRESERVE	BRIDGE DECK OVERLAY						70		
380	10400	FROM BENTON COUNTY LINE TO BLACKHAWK COUNTY LINE	6.7	98	PRESERVE	PATCHING	60	100	100					
939	2470	REPLACE BRIDGE OVER SMALL NATURAL STREAM JUST EAST OF JESUP		39	REBUILD	BRIDGE REPLACEMENT			165					
939	880	BRIDGE DECK OVERLAY OVER DRAINAGE DITCH 1.9 MILES EAST OF WINTHROP		95	PRESERVE	BRIDGE DECK OVERLAY			42					
(11) BUENA VISTA														
7	1430	REPLACE BRIDGE OVER DRAINAGE DITCH 1.5 MILES EAST OF COUNTY ROAD M-54		59	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT			6 276					
7	2270	REPLACE BRIDGE OVER RACCOON RIVER 1.8 MILES WEST OF NEWELL		49	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT			8 558					
10	890	FROM JCT US 71 TO POCAHONTAS COUNTY LINE	12.0	40	MODERNIZE	PAVEMENT REHAB/WIDEN PAVEMENT REHAB GUARDRAIL	1117				1300		23	

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
(12) BUTLER														
188	640	BRIDGE DECK OVERLAY OVER DRY RUN CREEK 3.1 MILES EAST OF COUNTY ROAD T-64		89	PRESERVE	BRIDGE DECK OVERLAY		92						
(13) CALHOUN														
7	2430	FROM JCT IA 4 TO WEST JCT COUNTY ROAD N-65 IN MANSON	11.4	63	MODERNIZE	SUBDRAINS PAVEMENT REHAB CULVERT REPLACEMENT GUARDRAIL		38 1266 12 12						
7	2430	FROM WEST OF COUNTY ROAD N-65 IN MANSON TO WEST OF WEBSTER COUNTY LINE	4.5	65	MODERNIZE	SUBDRAINS PAVEMENT REHAB/WIDEN CULVERT EXTENSION		24 795 6						
20	2470	FROM SAC COUNTY LINE TO WEBSTER COUNTY LINE	24.3	72	CONSTRUCT	PLANNING STUDY RIGHT OF WAY					2200			
20	2470	REPLACE BRIDGE OVER DRAINAGE DITCH 3.1 MILES EAST OF LYTTON		77	PRESERVE	BRIDGE REPLACEMENT		125						
20	2470	BRIDGE DECK OVERLAY OVER DRAINAGE DITCH # 67 AT 4.2 MILES EAST OF LYTTON		83	PRESERVE	BRIDGE DECK OVERLAY						62		
20	2470	BRIDGE DECK OVERLAY OVER PURGATORY CREEK 3.7 MILES EAST OF ROCKWELL CITY		56	PRESERVE	BRIDGE DECK OVERLAY							55	
(14) CARROLL														
30	3980	FROM CRAWFORD COUNTY LINE TO WCL CARROLL	10.2	18	REBUILD	PAVE LIGHTING EROSION CONTROL		4863 28						285

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
(15) CASS														
71	1790	FROM COUNTY ROAD G-43 TO 14TH STREET IN ATLANTIC	6.5	81	PRESERVE	PAVEMENT REHAB							5092	
71	2070	BRIDGE DECK OVERLAY OVER LONE TREE CREEK 4.1 MILES SOUTH OF ATLANTIC		94	PRESERVE	BRIDGE DECK OVERLAY			132					
80	15200	REPLACE BRIDGES OVER TROUBLESOME CREEK 4.5 MILES EAST OF US 71 INTERCHANGE (EB & WB)		48	REBUILD	RIP RAP RIGHT OF WAY BRIDGE REPLACEMENT		16			11		1350	
92	1110	REPAIR BRIDGE OVER BAUGHMANS CREEK IN GRISWOLD - STREAM BANK STABILIZATION		86	PRESERVE	BRIDGE REPAIR			31					
92	1110	REPAIR BRIDGE OVER SEVEN MILE CREEK 1.7 MILES WEST OF COUNTY ROAD N-28 - STREAM BANK STABILIZATION		48	PRESERVE	BRIDGE REPAIR				32				
92	1110	BRIDGE DECK OVERLAY OVER SMALL NATURAL STREAM 1.5 MILES WEST OF MASSENA		53	PRESERVE	BRIDGE DECK OVERLAY	30							
(16) CEDAR														
38	2360	BRIDGE DECK OVERLAY OVER CROOKED CREEK 0.1 MILE NORTH OF I-80 INTERCHANGE		84	PRESERVE	BRIDGE DECK OVERLAY				87				
80		REST AREA IMPROVEMENTS 2 MILES WEST OF WILTON INTERCHANGE - TRUCK PARKING REPAIR, CITY WATER AND LAGOON EXPANSION IN 1998 AND NEW BUILDING IN 2002 (EB)		NA	MODERNIZE	REST AREA IMPROVEMENT PAVEMENT REHAB OUTSIDE SERV. ENGINEER	1200 410 550						1000	

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000								
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004	
(17) CERRO GORDO															
65	6930	FROM RELOCATED US 18 INTERCHANGE TO 4-LANE IN MASON CITY - 4-LANE	0.7	40	REBUILD	RIGHT OF WAY GRADE AND PAVE		64							
									1380						
(18) CHEROKEE															
3	2380	BRIDGE DECK OVERLAY OVER LITTLE SIOUX RIVER IN CHEROKEE		88	PRESERVE	BRIDGE DECK OVERLAY					165				
977		BANK STABILIZATION OF LITTLE SIOUX RIVER NEAR EAST EDGE OF CHEROKEE		NA	PRESERVE	RIGHT OF WAY RIP RAP		3			69				
(19) CHICKASAW															
18	2160	REPLACE BRIDGE OVER IMRL RR 1 MILE EAST OF FLOYD COUNTY LINE	1.0	2	REBUILD	GRADE AND PAVE BRIDGE REMOVAL BRIDGE RAIL RETROFIT CULVERT REPLACEMENT RAILROAD SIGNALS EROSION CONTROL	765 55 35 43 104								
											35				
24	2590	REPLACE BRIDGE OVER EAST WAPSIPINICON RIVER 1.3 MILES EAST OF NEW HAMPTON		45	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT		8			442				
24	2160	REPLACE BRIDGE OVER PLUM CREEK 3 MILES EAST OF NEW HAMPTON		48	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT		4			416				
24	2010	REPLACE BRIDGE OVER CRANE CREEK IN LAWLER		46	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT		5			493				

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000									
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004		
(19) CHICKASAW																
218	3530	FROM BREMER COUNTY LINE TO FLOYD COUNTY LINE - ADD 2-LANE AND INCLUDES NASHUA BYPASS - 4-LANE	4.2	58	CONSTRUCT	RIGHT OF WAY GRADE WETLAND MITIGATION BRIDGE NEW CULVERT NEW PAVE LIGHTING TRAFFIC SIGNS EROSION CONTROL	250	400								
										2984						
										22						
										340						
										334						
											4909					
											36					
											28					
													281			
346	1600	BRIDGE REPAIR OVER CEDAR RIVER IN NASHUA		92	PRESERVE	BRIDGE REPAIR		81								
346	1730	REPLACE BRIDGE OVER DRAINAGE DITCH 1.5 MILES WEST OF WEST JCT US 63		26	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT					6				146	
(20) CLARKE																
34	5100	IN OSCEOLA FROM WARREN AVENUE TO ECL	2.1	87	PRESERVE	PAVEMENT REHAB GUARDRAIL				737						
										6						
35	11300	FROM DECATUR COUNTY LINE TO US 34 INTERCHANGE	9.0	95	PRESERVE	PATCHING	50	75	75							
35		REST AREA IMPROVEMENTS 2 MILES SOUTH OF US 34 INTERCHANGE - OSCEOLA CITY SEWER CONNECTION		NA	MODERNIZE	OUTSIDE SERV. ENGINEER REST AREA IMPROVEMENT		25			300					
(21) CLAY																
10	1230	BRIDGE DECK OVERLAY OVER LITTLE SIOUX RIVER 0.1 MILE WEST OF PETERSON		90	PRESERVE	BRIDGE DECK OVERLAY							277			

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(23) CLINTON														
30	2640	BRIDGE DECK OVERLAY OVER WAPSIPINICON RIVER 0.9 MILE EAST OF WHEATLAND		61	PRESERVE	BRIDGE DECK OVERLAY	255							
30	2640	BRIDGE DECK OVERLAY OVER EAST CHANNEL WAPSIPINICON RIVER 1.7 MILES EAST OF WHEATLAND		56	PRESERVE	BRIDGE DECK OVERLAY	174							
30	2640	BRIDGE DECK OVERLAY OVER CALAMUS DRAINAGE DITCH 1.9 MILES EAST OF WHEATLAND		62	PRESERVE	BRIDGE DECK OVERLAY	105							
30	6820	FROM 1 MILE WEST OF NORTH JCT US 61 INTERCHANGE TO NEAR COUNTY ROAD Z-24 - EB & WB	8.2	92	PRESERVE	PAVEMENT REHAB CULVERT EXTENSION GUARDRAIL	2404 11 26							
30	9240	FROM COUNTY ROAD Z-24 TO 0.2 MILE WEST OF JCT US 67 IN CLINTON - EB	10.1	81	PRESERVE	PAVEMENT REHAB BRIDGE APPROACH REPAIR GUARDRAIL RIGHT OF WAY CULVERT EXTENSION	1791 62 6 30				3			
30	6450	REPLACE 2 CULVERTS OVER SMALL NATURAL STREAM 2.5 MILES WEST OF COUNTY ROAD Z-36		NA	REBUILD	CULVERT REPLACEMENT						102		
30	9500	FROM WEST JCT. US 30/US 67 TO SOUTH 14TH STREET IN CLINTON - WIDEN TO 5-LANES - STATE SHARE AND CITY ADMINISTERED	2.0	67	PRESERVE	OUTSIDE SERV. ENGINEER GRADE AND PAVE BRIDGE REPLACEMENT	900 6178 2104							
					REBUILD	OUTSIDE SERV. ENGINEER	950							

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000						
							1998	1999	2000	2001	2002	2003	2004
(25) DALLAS													
6	1850	FROM I-80 INTERCHANGE TO WCL OF ADEL	14.2	61	PRESERVE	PAVEMENT REHAB			2712				
6	7210	FROM WEST OF US 169 INTERSECTION EAST TO RACCOON RIVER IN ADEL - 4-LANE	0.5	18	REBUILD	EROSION CONTROL	22						
6	7210	FROM RACCOON RIVER IN ADEL EAST TO WCL WAUKEE - 4-LANE - INCLUDES RACCOON RIVER BRIDGES	6.2	18	REBUILD	OUTSIDE SERV. ENGINEER RIGHT OF WAY GRADE WETLAND MITIGATION BRIDGE WIDENING CULVERT NEW TRAFFIC SIGNS PAVE EROSION CONTROL	50 1236 5515 37 1650 116 47 7820	50	25				306
6	8910	FROM WCL OF WAUKEE TO COUNTY ROAD R-30 (ALICES ROAD) - 4-LANE	2.1	19	REBUILD	OUTSIDE SERV. ENGINEER RIGHT OF WAY GRADE AND PAVE WETLAND MITIGATION TRAFFIC SIGNS EROSION CONTROL	100 1000 6662 5 46 101	50					
6	8910	FROM COUNTY ROAD R-30 (ALICES ROAD) TO WOODLANDS PARKWAY IN POLK COUNTY - 4-LANE	2.7	19	REBUILD	OUTSIDE SERV. ENGINEER RIGHT OF WAY GRADE AND PAVE WETLAND MITIGATION TRAFFIC SIGNS EROSION CONTROL	50 1000 8776 11 30 127	50					
80	23500	FROM MADISON COUNTY LINE TO POLK COUNTY LINE	23.2	96	PRESERVE	PATCHING	100	100	100				

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	WORK RATING	CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
(27) DECATUR														
35	10500	FROM MISSOURI STATE LINE TO CLARKE COUNTY LINE	22.5	95	PRESERVE	PATCHING	50	75	75					
35		REST AREA IMPROVEMENTS 2 MILES NORTH OF US 69 INTERCHANGE - LAGOON EXPANSION		NA	MODERNIZE	REST AREA IMPROVEMENT OUTSIDE SERV. ENGINEER	1355	1000	525					
(28) DELAWARE														
3	2290	REPLACE CULVERT OVER SMALL NATURAL STREAM 0.7 MILE EAST OF JCT IA 13		NA	REBUILD	CULVERT REPLACEMENT				50				
20	10800	FROM BUCHANAN COUNTY LINE TO IA 38	13.5	84	PRESERVE	PAVEMENT REHAB				2503				
20	6400	REPAIR BRIDGES OVER HATCHERY ROAD AND CREEK 3.1 MILES WEST OF JCT IA 38 - (EB & WB)		96	PRESERVE	BRIDGE REPAIR			136					
38	920	FROM NCL DELAWARE TO JCT IA 3 - AT VARIOUS LOCATIONS	11.0	56	PRESERVE	PATCHING			253					
(29) DES MOINES														
34	7520	FROM HENRY COUNTY LINE TO BURLINGTON - 4-LANE	10.7	60	REBUILD	OUTSIDE SERV. ENGINEER	100	50	50					
						RIGHT OF WAY	416	483						
						GRADE			13898					
						WETLAND MITIGATION			22					
						BRIDGE NEW			4817					
						PAVE			15156					
						LIGHTING			278					
						EROSION CONTROL					478			

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
(30) DICKINSON														
71	13110	IN OKOBOJI FROM 0.1 MILE SOUTH OF CAUSEWAY BRIDGE TO 175TH STREET - 5-LANE & 3-LANE - INCLUDES EAST-WEST OKOBOJI CONNECTION BRIDGE	1.3	12	REBUILD	RIGHT OF WAY	284	294						
						GRADE AND PAVE	300		3185					
						BRIDGE REPLACEMENT	300							
						CULVERT NEW	70							
						TRAFFIC SIGNS			44					
						TRAFFIC SIGNALS			240					
						EROSION CONTROL				66				
71	13110	FROM 175TH STREET IN OKOBOJI TO WEST JCT IA 9 IN SPIRIT LAKE - 4-LANE	2.1	9	REBUILD	RIGHT OF WAY	130							
						GRADE AND PAVE	4763							
						WETLAND MITIGATION	5							
						TRAFFIC SIGNS	52							
						TRAFFIC SIGNALS	155							
						EROSION CONTROL		93						
86	4270	FROM JCT US 71 IN MILFORD TO JCT IA 9	7.7	41	PRESERVE	SUBDRAINS	101							
						PAVEMENT REHAB	1164							
						CULVERT REPLACEMENT	35							
						CULVERT REPAIR	15							
276	1690	FROM JCT IA 327 TO MINNESOTA STATE LINE	4.7	65	PRESERVE	SUBDRAINS	38							
						PAVEMENT REHAB	951							
						GUARDRAIL	12							
327	1720	FROM JCT IA 276 TO 0.5 MILES NORTHEAST OF ORLEANS	2.0	43	PRESERVE	RIGHT OF WAY	5							
						PAVEMENT REHAB	344							
						CULVERT REPLACEMENT	25							

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(31) DUBUQUE														
52	3420	FROM JACKSON COUNTY LINE TO SOUTH JCT US 61	8.2	8	MODERNIZE PAVE	PAVE	1629							
						PAVEMENT REHAB/WIDEN	2527							
						EROSION CONTROL		220						
52	15500	REPLACE BRIDGE OVER CATFISH CREEK AND CC RR IN DUBUQUE		32	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT					11			
											754			
52	6160	BRIDGE DECK OVERLAY AT SOUTH GRANDVIEW AVENUE IN DUBUQUE		54	PRESERVE	BRIDGE DECK OVERLAY	111							
52	3500	FROM IA 386 TO LUXEMBURG	22.8	16	REBUILD	OUTSIDE SERV. ENGINEER PLANNING STUDY		150						
61	5220	FROM JACKSON COUNTY LINE TO GRANDVIEW AVENUE IN DUBUQUE	10.1	25	REBUILD	EROSION CONTROL	380							
						PAVEMENT REHAB	1680							
						CULVERT EXTENSION	22							
						GUARDRAIL	9							
61	13900	MISSISSIPPI RIVER BRIDGE IN DUBUQUE - IOWA'S SHARE	0.3	95	PRESERVE	OUTSIDE SERV. BR. INSP MISCELLANEOUS BRIDGE DECK OVERLAY BRIDGE PAINTING	50	20	20	20	20			
								698					500	

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(32) EMMET														
15	480	FROM KOSSUTH COUNTY LINE TO COUNTY ROAD P-12	1.9	61	PRESERVE	PAVEMENT REHAB	352							
(33) FAYETTE														
3	2210	FROM ECL OELWEIN TO CLAYTON COUNTY LINE	14.7	82	PRESERVE	PAVEMENT REHAB	3473							
						BRIDGE RAIL RETROFIT	32							
						CULVERT EXTENSION	9							
						GUARDRAIL	11							
56	1770	FROM JCT IA 150 TO SOUTH VINE STREET IN WEST UNION	0.5	79	PRESERVE	PAVEMENT REHAB				220				
150	3030	FROM JCT IA 187 TO 2 MILES SOUTH OF JCT IA 56	10.0	80	PRESERVE	SUBDRAINS		191						
						CULVERT EXTENSION		6						
						PAVEMENT REHAB			1633					
						BRIDGE RAIL RETROFIT			45					
						GUARDRAIL			25					
150	3030	FROM JCT OF US 18 IN WEST UNION TO WINNESHIEK COUNTY LINE - ALSO INCLUDED IS 3 MILES ON US 18 AND 1.8 MILES ON IA 150 SOUTH OF JCT IA 56	7.7	62	PRESERVE	RIGHT OF WAY	3							
						SUBDRAINS		93						
						PAVEMENT REHAB		1885						
						CULVERT EXTENSION		74						
						GUARDRAIL		27						
(34) FLOYD														
18	6800	REPLACE BRIDGE OVER SHELL ROCK RIVER IN NORA SPRINGS		13	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT				7		800		

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
(34) FLOYD														
218		CHARLES CITY BYPASS - 4-LANE	8.8	NA	CONSTRUCT	BRIDGE NEW	2406	1969						
						OUTSIDE SERV. ENGINEER	750	50						
						GRADE	10344							
						WETLAND MITIGATION	21							
						CULVERT NEW	1130							
						PAVE		14643						
						LIGHTING		188						
						TRAFFIC SIGNS		179						
						TRAFFIC SIGNALS		48						
						EROSION CONTROL				371				
(35) FRANKLIN														
3		3860 FROM ECL HAMPTON TO BUTLER COUNTY LINE	8.2	32	MODERNIZE	EROSION CONTROL	250							
35	12650	FROM WRIGHT COUNTY LINE TO CERRO GORDO COUNTY LINE - OVERLAY 7 MILES IN 1999 (NB & SB)	22.3	94	PRESERVE	PATCHING	75	50	50					
						PAVEMENT REHAB		5554						
						GUARDRAIL		168						
35		NEW REST AREA NEAR IA 3 INTERCHANGE (SB & NB)		NA	CONSTRUCT	REST AREA IMPROVEMENT					3200			
65	1630	FROM EAST JCT US 20 TO SOUTH OF RR UNDERPASS IN HAMPTON	12.0	51	PRESERVE	PAVEMENT REHAB			2101					
						CULVERT EXTENSION			27					
						GUARDRAIL			25					
65	3850	RECONSTRUCT RR UNDERPASS FROM 140TH STREET TO 1ST AVENUE SOUTHEAST IN HAMPTON		NA	MODERNIZE	RIGHT OF WAY	42							
						GRADE AND PAVE		772						
						EROSION CONTROL		11						
						BRIDGE REMOVAL		65						
						CULVERT REPLACEMENT		21						

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000								
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004	
(41) HANCOCK															
18	5800	REPLACE BRIDGE OVER EAST BRANCH IOWA RIVER 0.4 MILES WEST OF GARNER		4	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT			6						
69	2250	FROM WRIGHT COUNTY LINE TO SCL GARNER	12.6	51	PRESERVE	SUBDRAINS PAVEMENT REHAB BRIDGE RAIL RETROFIT CULVERT EXTENSION GUARDRAIL	191 2186 66 11 22								
69	2350	FROM EAST JCT US 18 TO WINNEBAGO COUNTY LINE	10.4	51	PRESERVE	PAVEMENT REHAB CULVERT EXTENSION GUARDRAIL		1941 6 12							
(42) HARDIN															
20	2460	RELOCATED US 20 - FROM HAMILTON COUNTY LINE TO US 65 - PAVE 2-LANE AND INCLUDES SOUTH FORK IOWA RIVER AND UP RR BRIDGES	10.3	98	CONSTRUCT	BRIDGE NEW PAVE EROSION CONTROL	649			5027			355		
20		RELOCATED US 20 FROM US 65 TO GRUNDY COUNTY LINE - 4-LANE	13.2	NA	CONSTRUCT	RIGHT OF WAY GRADE WETLAND MITIGATION BRIDGE NEW PAVE EROSION CONTROL TRAFFIC SIGNS	1530	1693		13855 27 21008			21636	518 123	
215	1600	FROM UNION TO JCT IA 175	8.4	51	PRESERVE	SUBDRAINS PAVEMENT REHAB BRIDGE RAIL RETROFIT CULVERT EXTENSION GUARDRAIL				49 1354 27 11 31					

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000								BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004		
(43) HARRISON															
183	840	FROM NORTH JCT IA 127 TO MONONA COUNTY LINE	11.7	59	PRESERVE	RIGHT OF WAY PAVEMENT REHAB CULVERT EXTENSION GUARDRAIL		8 1854 65 98							
183	830	REPLACE BRIDGE OVER NATURAL CREEK 2.8 MILES SOUTH PISGAH		43	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT		5		181					
191	1520	BRIDGE DECK OVERLAY OVER SPRING CREEK 0.9 MILE SOUTH OF PERSIA		51	PRESERVE	BRIDGE DECK OVERLAY	116								
(44) HENRY															
34	3970	FROM JEFFERSON COUNTY LINE TO WEST OF WESTWOOD - 4-LANE	4.6	37	CONSTRUCT	OUTSIDE SERV. ENGINEER RIGHT OF WAY GRADE BRIDGE NEW PAVE LIGHTING TRAFFIC SIGNS EROSION CONTROL TRAFFIC SIGNALS	1100	300	200	50	25				
									400	800		7316			
												1688			
													10202		
														58	
														70	
															239
															84
34	3970	BRIDGE REPAIR OVER SKUNK RIVER IN ROME - BACKWALL & JOINT REPAIRS		54	PRESERVE	BRIDGE REPAIR	137								

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(44) HENRY														
218	5410	FROM LEE COUNTY LINE TO OLD US 34 IN MOUNT PLEASANT	10.6	31	PRESERVE	SUBDRAINS	168							
						PAVEMENT REHAB	2320							
						GUARDRAIL	20							
218		FROM 1.6 MILES SOUTH OF MOUNT PLEASANT NORTHEAST TO US 34 - 4-LANE (MOUNT PLEASANT BYPASS)	3.3	NA	CONSTRUCT	RIGHT OF WAY	676							
						OUTSIDE SERV. ENGINEER	300							
						GRADE		3296						
						WETLAND MITIGATION		11						
						BRIDGE NEW		618						
						CULVERT REPLACEMENT		103						
						PAVE			4138					
						LIGHTING			193					
						TRAFFIC SIGNS			33					
						EROSION CONTROL					153			
218		FROM US 34 JUST EAST OF MOUNT PLEASANT TO EXISTING US 218 NORTH OF MOUNT PLEASANT - (MOUNT PLEASANT BYPASS)	8.1	NA	CONSTRUCT	RIGHT OF WAY	700	700						
						OUTSIDE SERV. ENGINEER	400	600						
						GRADE		6592						
						WETLAND MITIGATION		16						
						BRIDGE NEW		5786						
						CULVERT NEW		2143						
						TRAFFIC SIGNS		54						
						OUTSIDE SERV. PLANNING		200						
						PAVE			8806					
						LIGHTING			93					
						EROSION CONTROL					372			
218	5960	FROM 3.6 MILES NORTH OF MOUNT PLEASANT TO WASHINGTON COUNTY LINE	7.1	21	PRESERVE	SUBDRAINS	48							
						PAVEMENT REHAB	981							
						GUARDRAIL	6							

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(47) IDA														
20	2300	FROM WOODBURY COUNTY LINE TO SAC COUNTY LINE	17.8	67	CONSTRUCT	OUTSIDE SERV. ENGINEER PLANNING STUDY		50						
59	4300	REPLACE CULVERT JUST NORTH OF IDA GROVE		NA	REBUILD	CULVERT REPLACEMENT	39							
175	1910	REPLACE CULVERT JUST WEST OF WEST JCT OF US 59		NA	REBUILD	RIGHT OF WAY CULVERT REPLACEMENT	3 140							
175	1830	REPLACE BRIDGE OVER SMALL NATURAL STREAM 2.7 MILES NORTHEAST OF BATTLE CREEK		42	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT				6		212		
(48) IOWA														
80		REST AREA IMPROVEMENTS 2 MILES EAST OF VICTOR INTERCHANGE (EB & WB) - PARKING LOT AND LAGOON EXPANSIONS		NA	MODERNIZE	RIGHT OF WAY GRADE AND PAVE LIGHTING REST AREA IMPROVEMENT	3 2013 180 1017							
80	24100	FROM 1 MILE WEST OF COUNTY ROAD V-66 TO 1 MILE EAST OF WILLIAMSBURG INTERCHANGE (IA 149)	8.0	97	PRESERVE	EROSION CONTROL	90							
220	1900	BRIDGE REPAIR OVER SOUTH OVERFLOW IOWA RIVER JUST NORTH OF SOUTH AMANA		90	PRESERVE	BRIDGE REPAIR						53		
220	1900	BRIDGE REPAIR OVER IOWA RIVER 0.3 MILE NORTH OF SOUTH AMANA		90	PRESERVE	BRIDGE REPAIR						53		

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000										
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004			
(50) JASPER																	
65	6220	FROM POLK COUNTY LINE TO JCT IA 223 - ADD 2-LANE AND INCLUDES IA 117 BRIDGE	3.9	17	REBUILD	RIGHT OF WAY GRADE WETLAND MITIGATION BRIDGE NEW BRIDGE REPLACEMENT CULVERT EXTENSION PAVE EROSION CONTROL	132										
80		WEIGH SCALES 1.5 MILES EAST OF POLK COUNTY LINE		NA	PRESERVE	WEIGH STA. IMPROVEMENT	50										
80	31250	FROM 1 MILE EAST OF IA 224 INTERCHANGE TO POWESHIEK COUNTY LINE	6.0	89	PRESERVE	PATCHING	100	50									
80		REST AREA IMPROVEMENTS 1 MILE WEST OF POWESHIEK COUNTY LINE - LAGOON EXPANSION (EB)		NA	MODERNIZE	REST AREA IMPROVEMENT GRADE AND PAVE	824	884									
163		PRAIRIE CITY BYPASS - 4-LANE	4.2	NA	CONSTRUCT	WETLAND MITIGATION PAVE FENCING LIGHTING TRAFFIC SIGNS EROSION CONTROL	40	15									
							8400										
							50										
							94										
							82										
								195									
163		MONROE BYPASS - 4-LANE	5.5	NA	CONSTRUCT	WETLAND MITIGATION PAVE LIGHTING TRAFFIC SIGNS OUTSIDE SERV. ENGINEER EROSION CONTROL	40	15									
							6770										
							66										
							155										
							50										
								245									

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
(53) JONES														
151	7080	FROM LINN COUNTY LINE TO NORTHEAST OF ANAMOSA - ADD 2-LANE	8.3	21	CONSTRUCT	OUTSIDE SERV. ENGINEER	600	100	50	25				
						RIGHT OF WAY		450						
						GRADE			3747					
						WETLAND MITIGATION			22					
						BRIDGE NEW			5775					
						TRAFFIC SIGNS			109					
						PAVE					8485			
						LIGHTING					255			
						TRAFFIC SIGNALS					45			
						EROSION CONTROL						299		
151	7080	FROM NORTHEAST OF ANAMOSA TO NORTHEAST OF MONTICELLO - ADD 2-LANE	11.1	21	REBUILD	OUTSIDE SERV. ENGINEER	900	900	400	50	25			
						RIGHT OF WAY		1200	2300					
						GRADE				11243				
						WETLAND MITIGATION				34				
						BRIDGE NEW				6338				
						PAVE					17380			
						LIGHTING					74			
						TRAFFIC SIGNS					102			
						TRAFFIC SIGNALS					68			
						EROSION CONTROL						394		
151	4030	FROM NORTHEAST OF MONTICELLO TO SOUTHWEST OF CASCADE BYPASS - ADD 2-LANE	7.4	24	REBUILD	OUTSIDE SERV. ENGINEER	500	300	150	50				
						RIGHT OF WAY	300	650	350					
						OUTSIDE SERV. PLANNING			500	500				
						GRADE				2139				
						WETLAND MITIGATION				23				
						BRIDGE NEW				169				
						PAVE					2989			
						TRAFFIC SIGNS					29			
						EROSION CONTROL						255		

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000									
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004		
(56) LEE																
61	6560	FROM NORTH JCT US 218 NEAR MONTROSE TO WEST JCT IA 2 NEAR FORT MADISON - 4-LANE	9.5	19	REBUILD	OUTSIDE SERV. ENGINEER	100	50	25							
						BRIDGE REPLACEMENT	1686	1427								
						CULVERT NEW	894	111								
						GRADE	8416		2993							
						WETLAND MITIGATION	75									
						TRAFFIC SIGNS	77									
						PAVE		8336								
						GRADE AND PAVE			5011							
						EROSION CONTROL			246							
						BRIDGE NEW			1654							
						LIGHTING			48							
61		FORT MADISON BYPASS	9.0	NA	CONSTRUCT	PLANNING STUDY										
61	12300	IN FORT MADISON AT VARIOUS LOCATIONS	1.1	82	PRESERVE	PAVEMENT REHAB		773								
136	13100	MISSISSIPPI RIVER BRIDGE AT KEOKUK - IOWA'S SHARE		82	PRESERVE	MISCELLANEOUS	25	25	25	25						
						OUTSIDE SERV. BR. INSP	20		20							
218	9700	IN KEOKUK FROM 7TH TO 33RD STREET	1.7	94	PRESERVE	PAVEMENT REHAB			1008							
218	4320	FROM JCT IA 394 TO HENRY COUNTY LINE - 4-LANE	13.8	51	CONSTRUCT	OUTSIDE SERV. ENGINEER	1200	500	100	50	25					
						RIGHT OF WAY				1923	2251					
						OUTSIDE SERV. PLANNING				200						
						GRADE						12235				
						BRIDGE NEW						2558				
						PAVE							15105			
						LIGHTING								72		
						TRAFFIC SIGNS								120		
						TRAFFIC SIGNALS								84		
						EROSION CONTROL									763	

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
(57) LINN														
30	11900	REPLACE BRIDGE OVER SMALL NATURAL STREAM 4.6 MILES EAST OF I-380 INTERCHANGE		38	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT							7	535
30	9310	FROM JCT US 151 TO 3 MILES WEST OF JCT IA 1 - ADD 2-LANE	3.3	21	REBUILD	OUTSIDE SERV. ENGINEER GRADE WETLAND MITIGATION CULVERT NEW PAVE TRAFFIC SIGNS EROSION CONTROL	25	1545						
								21						
								494						
									3331					
									44				164	
30		MOUNT VERNON BYPASS	3.5	NA	CONSTRUCT	UNDER DEVELOPMENT								
94	8300	IN CEDAR RAPIDS FROM 13TH STREET NW TO EDGEWOOD ROAD - CITY ADMINISTERED	1.3	73	PRESERVE	PAVEMENT REHAB		200						
100		FROM US 30 TO I-380	7.0	NA	CONSTRUCT	PLANNING STUDY								
151	6700	FROM JCT US 30 TO MOUNT VERNON ROAD IN CEDAR RAPIDS - ADD 2-LANE	3.3	42	REBUILD	OUTSIDE SERV. ENGINEER RIGHT OF WAY GRADE WETLAND MITIGATION BRIDGE NEW CULVERT NEW PAVE TRAFFIC SIGNS TRAFFIC SIGNALS EROSION CONTROL	100	25						
							123							
								2524						
								21						
								660						
								132						
									2886					
									37					
									37				113	
151	6700	FROM MOUNT VERNON ROAD IN CEDAR RAPIDS TO MARION BYPASS - ADD 2-LANE	3.2	42	REBUILD	EROSION CONTROL	145							

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
(58) LOUISA														
61	5670	FROM SOUTH JCT IA 92 TO MUSCATINE COUNTY LINE - ADD 2-LANE	4.1	48	REBUILD	PLANNING STUDY								
70	4060	JUST SOUTH OF SCL OF COLUMBUS JUNCTION		72	MODERNIZE	RIGHT OF WAY OUTSIDE SERV. ENGINEER CULVERT EXTENSION			2 7		124			
92	3480	FROM WASHINGTON COUNTY LINE TO IA 70 BRIDGE IN COLUMBUS JUNCTION	6.9	56	REBUILD	RIGHT OF WAY GRADE SHOULDER GRADING WETLAND MITIGATION PAVE GRANULAR SHOULDERS EROSION CONTROL				163	402		782 454 12	1023 554 370
(59) LUCAS														
34	4470	BRIDGE DECK OVERLAY OVER BNSF RR AT WCL LUCAS		69	PRESERVE	BRIDGE DECK OVERLAY					142			
(61) MADISON														
80	17800	FROM ADAIR COUNTY LINE TO DALLAS COUNTY LINE	2.0	95	PRESERVE	PATCHING		50	50	50				
80	60	BRIDGE DECK OVERLAY OF LOCAL ROAD OVER I-80 AT 1.8 MILES SOUTH US 6 INTERCHANGE		86	PRESERVE	BRIDGE DECK OVERLAY					112			
92	2610	FROM 0.5 MILE EAST OF NORTH JCT US 169 TO I-35	12.3	40	MODERNIZE	EROSION CONTROL	410							

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(62) MAHASKA														
63	3820	FROM JUST NORTH OF SOUTH SKUNK RIVER TO NEW SHARON	6.9	14	REBUILD	RIGHT OF WAY		268	276					
						GRADE			3501					
						WETLAND MITIGATION			11					
						CULVERT REPLACEMENT			265					
						PAVE				5453				
						EROSION CONTROL					197			
163	4890	FROM MARION COUNTY LINE TO BEGINNING OF OSKALOOSA BYPASS - 4-LANE	11.3	16	REBUILD	OUTSIDE SERV. ENGINEER	75	25						
						EROSION CONTROL	175		276					
						GRADE	2013							
						WETLAND MITIGATION	16							
						PAVE		3878						
						LIGHTING		34						
163		OSKALOOSA BYPASS - 4-LANE	6.1	NA	CONSTRUCT	EROSION CONTROL	440							
(63) MARION														
5	5050	FROM BEGIN 4-LANE AT KNOXVILLE TO EAST OF IA 92/IA 181 INTERSECTION - ADD 2-LANE	6.4	13	REBUILD	RIGHT OF WAY	624							
						TRAFFIC SIGNS		126	44					
						GRADE		2400						
						WETLAND MITIGATION		16						
						CULVERT NEW		269						
						PAVE			3311					
						EROSION CONTROL				197				

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004	
							1998	1999	2000	2001	2002	2003	2004		
(64) MARSHALL															
30	9400	FROM 3 MILES WEST OF LE GRAND TO TAMA COUNTY LINE - ADD 2-LANE	4.3	17	REBUILD	RIGHT OF WAY GRADE WETLAND MITIGATION BRIDGE NEW PAVE LIGHTING EROSION CONTROL	732	760							
									2166						
									17						
									1044						
										2743					
										36					
												150			
146	2350	FROM COUNTY ROAD E-49 TO US 30	1.9	30	REBUILD	SALVAGE AND REMOVAL GRADE AND PAVE EROSION CONTROL WETLAND MITIGATION BRIDGE NEW							77		
														1874	
														50	
														6	
														581	
330	5710	FROM JASPER COUNTY LINE TO JCT US 30 - ADD 2-LANE	14.8	44	REBUILD	RIGHT OF WAY OUTSIDE SERV. ENGINEER GRADE WETLAND MITIGATION BRIDGE NEW PAVE LIGHTING TRAFFIC SIGNS TRAFFIC SIGNALS EROSION CONTROL		700	1400						
								1600							
										5740					
										17					
										675					
											8231				
											37				
											23				
											56				
													358		
330		MARSHALLTOWN / ALBION BYPASS	12.5	NA	REBUILD	OUTSIDE SERV. ENGINEER PLANNING STUDY			150						
330	2900	REPLACE BRIDGE OVER IOWA RIVER AND REMOVE UP RR SOUTH OF ALBION		40	CONSTRUCT	RIGHT OF WAY GRADE AND PAVE BRIDGE REMOVAL BRIDGE REPLACEMENT		107							
										1482					
										815					
										944					

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(69) MONTGOMERY														
34	3210	REPAIR FORESLOPE SLIDE 7.5 MILES WEST OF ADAMS COUNTY LINE		NA	PRESERVE	RIP RAP		40						
34	3210	BRIDGE DECK OVERLAY OVER MIDDLE NODAWAY RIVER 2.5 MILES EAST OF JCT US 71		72	PRESERVE	BRIDGE DECK OVERLAY		148						
71	1890	REPAIR BRIDGE OVER MIDDLE NODAWAY RIVER 1.2 MILES SOUTH OF VILLISCA - STREAM BANK STABILIZATION		94	PRESERVE	BRIDGE REPAIR	65							
71	18000	REPAIR BRIDGE OVER FULTONS CREEK 1.1 MILES NORTH OF COUNTY ROAD H-34 - STREAM BANK STABILIZATION		78	PRESERVE	BRIDGE REPAIR		31						
71	1250	BRIDGE DECK OVERLAY OVER LONGS BRANCH CREEK 2.0 MILES NORTH OF JCT COUNTY ROAD H-34		94	PRESERVE	BRIDGE DECK OVERLAY					106			
(70) MUSCATINE														
6	3100	FROM NCL OF WEST LIBERTY TO JCT IA 38	12.5	67	PRESERVE	PAVEMENT REHAB				2546				
38	4500	BRIDGE DECK OVERLAY OVER MOSQUITO CREEK 2.8 MILES NORTH OF COUNTY ROAD F-70		88	PRESERVE	BRIDGE DECK OVERLAY		97						

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND			
							1998	1999	2000	2001	2002	2003	2004	2004	2004		
(71) O'BRIEN																	
60	6790	IN SHELDON - STATE'S SHARE	1.1	29	REBUILD	GRADE AND PAVE											
60		SHELDON BYPASS - 4-LANE	9.0	NA	CONSTRUCT	OUTSIDE SERV. ENGINEER	500	100	50								
						RIGHT OF WAY				1332	1855						
						GRADE						8330					
						BRIDGE NEW						5314					
						PAVE								9963			
						LIGHTING									60		
						TRAFFIC SIGNS									72		
						EROSION CONTROL											664
(72) OSCEOLA																	
59	770	FROM O'BRIEN COUNTY LINE TO MINNESOTA STATE LINE	18.2	43	MODERNIZE	PAVEMENT REHAB/WIDEN						3808					
60	3560	FROM O'BRIEN COUNTY LINE TO MINNESOTA STATE LINE - ADD 2-LANE	18.2	62	REBUILD	OUTSIDE SERV. ENGINEER	1800	600	150	100	100						
						RIGHT OF WAY				500	1200						
						GRADE						9454					
						BRIDGE NEW						2251					
						PAVE								10926			
						LIGHTING									81		
						TRAFFIC SIGNS									104		
						TRAFFIC SIGNALS									116		
						EROSION CONTROL											866
(73) PAGE																	
71	2380	FROM MISSOURI STATE LINE TO EAST JCT IA 2 IN CLARINDA	9.9	88	PRESERVE	SUBDRAINS						59					
						PAVEMENT REHAB						1630					
						GUARDRAIL						19					

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(75) PLYMOUTH														
60		LE MARS BYPASS - 4-LANE	4.2	NA	CONSTRUCT	OUTSIDE SERV. ENGINEER	360	100	50	25				
						RIGHT OF WAY		500	900					
						GRADE				6229				
						WETLAND MITIGATION				- 17				
						BRIDGE NEW				8567				
						PAVE					7818			
						LIGHTING					74			
						TRAFFIC SIGNS					29			
						TRAFFIC SIGNALS					79			
						EROSION CONTROL						209		
60	3760	BRIDGE DECK OVERLAY OVER SMALL NATURAL STREAM 1.9 MILES NORTHEAST OF JCT US 75		92	PRESERVE	BRIDGE DECK OVERLAY						62		
60	3730	FROM LE MARS BYPASS TO SIOUX COUNTY LINE - ADD 2-LANE	5.9	51	REBUILD	OUTSIDE SERV. ENGINEER	900	200	110	25				
						RIGHT OF WAY		600	1300					
						GRADE				3208				
						WETLAND MITIGATION				17				
						BRIDGE NEW				563				
						OUTSIDE SERV. PLANNING				400				
						PAVE					5217			
						LIGHTING					68			
						TRAFFIC SIGNS					23			
						TRAFFIC SIGNALS					85			
						EROSION CONTROL						120		
75	9300	BRIDGE DECK OVERLAY OVER DRAINAGE DITCH 0.5 MILE NORTH OF HINTON	0.1	79	PRESERVE	BRIDGE DECK OVERLAY						51		
75	9300	BRIDGE DECK OVERLAY OVER DRY CREEK 0.8 MILE SOUTH MERRILL		72	PRESERVE	BRIDGE DECK OVERLAY						51		

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000						
							1998	1999	2000	2001	2002	2003	2004
(77) POLK													
5		RELOCATED IA 5 - FROM RELOCATED IA 28 IN DES MOINES TO I-35 INTERCHANGE IN WEST DES MOINES - 4-LANE	4.2	NA	CONSTRUCT	RIGHT OF WAY BRIDGE NEW GRADE PAVE TRAFFIC SIGNS TRAFFIC SIGNALS LIGHTING EROSION CONTROL	1100	2100					
								1374	3815	2341			
								6486	8523				
									3574	6459			
										20			
										50			
											338		
												191	
5		RELOCATED IA 5 - FROM 50TH STREET TO WEST OF I-35 AND 72ND STREET BRIDGE OVER I-35 IN WEST DES MOINES - 4-LANE	1.5	NA	CONSTRUCT	RIGHT OF WAY GRADE AND PAVE BRIDGE NEW TRAFFIC SIGNS EROSION CONTROL		215					
								6656					
								1698					
								203					
										39			
6	8910	FROM WOODLANDS PARKWAY TO EXISTING - 4-LANE WEST OF I-35/I-80 INTERCHANGE - INCLUDES NORTH WALNUT CREEK BRIDGE	0.9	13	REBUILD	GRADE AND PAVE BRIDGE REPLACEMENT TRAFFIC SIGNS TRAFFIC SIGNALS EROSION CONTROL	2923						
								676					
								21					
								180					
										50			
6	21700	ON DOUGLAS AVENUE FROM WEST OF BEAVER AVENUE TO 34TH STREET IN DES MOINES	0.8	29	PRESERVE	PAVEMENT REHAB							
										340			
6	20170	FROM IA 28 (63RD STREET) TO LOWER BEAVER ROAD AND FROM DES MOINES RIVER TO EAST 14TH STREET	3.2	13	MODERNIZE	PLANNING STUDY							
17	4940	FROM DES MOINES RIVER NORTH TO JCT IA 415	6.9	25	PRESERVE	PAVEMENT REHAB SUBDRAINS GUARDRAIL	477	577					
								75					
										12			

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(77) POLK														
35	28700	FROM 1 MILE NORTH COUNTY ROAD F-22 TO STORY COUNTY LINE	3.0	72	PRESERVE	PATCHING		100	100					
65	32800	BRIDGE DECK OVERLAY OVER DES MOINES RIVER IN DES MOINES		73	PRESERVE	BRIDGE DECK OVERLAY	502							
65		RELOCATED US 65 - FROM PRESENT US 65/69 TO IA 5 INTERCHANGE NEAR WARREN COUNTY LINE - 4-LANE	2.8	NA	CONSTRUCT	EROSION CONTROL	180							
65	32800	BRIDGE DECK OVERLAY OVER RR YARD JUST NORTH OF SCOTT STREET IN DES MOINES		71	PRESERVE	BRIDGE DECK OVERLAY	1005							
65		RELOCATED US 65 - FROM IA 5 NORTH TO VANDALIA ROAD - 4-LANE	4.3	NA	CONSTRUCT	EROSION CONTROL BRIDGE REMOVAL	220 104							
65		RELOCATED US 65 - FROM VANDALIA ROAD TO JUST SOUTH OF UNIVERSITY AVENUE (IA 163) - 4-LANE	2.4	NA	CONSTRUCT	FENCING EROSION CONTROL	50 61							
65	7000	FROM END OF 4-LANE SECTION AT BONDURANT THRU COUNTY ROAD S-27 - ADD 2-LANE	6.0	29	REBUILD	GRADE WETLAND MITIGATION BRIDGE NEW CULVERT NEW CULVERT REPLACEMENT PAVE EROSION CONTROL	1980 57 1330 355 321 4542 174							

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
(77) POLK														
235	70200	FROM WEST I-35/I-80 INTERCHANGE TO EAST I-35/I-80 INTERCHANGE	13.9	57	PRESERVE	PATCHING RIGHT OF WAY OUTSIDE SERV. ENGINEER PLANNING STUDY	1000 2000	500 2000	500	500				
945	4210	BRIDGE DECK OVERLAY OVER I-80 AT 1.5 MILES EAST OF US 65 INTERCHANGE		70	PRESERVE	BRIDGE DECK OVERLAY							133	
(78) POTTAWATTAMIE														
6	34300	REPAIR BRIDGE OVER CC RR & STREETS IN COUNCIL BLUFFS		27	PRESERVE	BRIDGE REPAIR							225	
6	2140	FROM 0.6 MILE WEST OF COUNTY ROAD L-52 TO JUST WEST OF US 59	13.8	17	MODERNIZE	PAVEMENT REHAB/WIDEN GUARDRAIL EROSION CONTROL WETLAND MITIGATION	2369 59		268				20	
29	14430	FROM WEST JCT I-80 TO IA 192 INTERCHANGE IN COUNCIL BLUFFS	6.0	93	PRESERVE	PATCHING	150	250	250					
29	9600	BRIDGE DECK OVERLAYS OVER 25TH STREET IN COUNCIL BLUFFS (NB & SB)		94	PRESERVE	BRIDGE DECK OVERLAY		302						
29	11800	BRIDGE DECK OVERLAY OVER CC RR IN COUNCIL BLUFFS (SB) AND REPAIR (NB)		96	PRESERVE	BRIDGE DECK OVERLAY BRIDGE RAIL RETROFIT		314 63						
29	16500	BRIDGE DECK OVERLAY OVER PIGEON CREEK 1.8 MILES SOUTH OF SOUTH JCT I-680		64	PRESERVE	BRIDGE DECK OVERLAY				156				
29	440	BRIDGE DECK OVERLAY AT COUNTY ROAD L-19 AT 4.5 MILES SOUTH OF I-680 INTERCHANGE		39	PRESERVE	BRIDGE DECK OVERLAY		103						

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000										
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004			
(78) POTTAWATTAMIE																	
80		REST AREA IMPROVEMENTS 1 MILE NORTH OF COUNTY ROAD G-30 INTERCHANGE NEAR UNDERWOOD - SEWER AND WATER CONNECTIONS IN 1999 AND NEW BUILDING IN 2003 (WB)		NA	MODERNIZE	OUTSIDE SERV. ENGINEER REST AREA IMPROVEMENT	60							800		1000	
80	17200	FROM SOUTH JCT IA 244 TO I-680 INTERCHANGE - 6-MILES INLAY (WB) IN 1998 AND 6-MILES INLAY (EB) IN 1999	6.0	95	PRESERVE	PAVEMENT REHAB GRADE AND PAVE	4970	5263						700			
80	15300	BRIDGE DECK OVERLAY OVER S-W CONNECTION OVER EASTBOUND I-680		69	PRESERVE	BRIDGE DECK OVERLAY								162			
80	19200	BRIDGE DECK OVERLAY OVER KEG CREEK 3 MILES EAST OF I-680 INTERCHANGE (EB)		97	PRESERVE	BRIDGE DECK OVERLAY								116			
80	17200	FROM 1 MILE EAST OF COUNTY ROAD M-16 INTERCHANGE TO 1 MILE WEST OF US 59 INTERCHANGE (WB)		98	PRESERVE	PATCHING	50										
80	19200	BRIDGE DECK OVERLAY AT WEST NISHNABOTNA RIVER 1 MILE WEST OF US 59 INTERCHANGE (WB)		63	PRESERVE	BRIDGE DECK OVERLAY								146			
80	16130	BRIDGE DECK OVERLAY AT EAST BRIDGE WEST NISHNABOTNA RIVER 2 MILES EAST OF US 59 INTERCHANGE (WB)		85	PRESERVE	BRIDGE DECK OVERLAY								137			
83	1270	BRIDGE DECK OVERLAY OVER BNSF RR AT MINDEN		66	PRESERVE	BRIDGE DECK OVERLAY								87			
83	830	REPLACE BRIDGE OVER MIDDLE SILVER CREEK 7.7 MILES WEST OF US 59		55	REBUILD	BRIDGE REPLACEMENT										196	

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	WORK RATING	CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(78) POTTAWATTAMIE														
275	2780	FROM COUNTY ROAD L-31 TO JCT IA 92 IN COUNCIL BLUFFS - RECONSTRUCT TO 3-LANES IOWA'S SHARE & CITY ADMINISTERED	0.6	18	REBUILD	GRADE AND PAVE		812						
275	8920	BRIDGE DECK OVERLAY OVER INDIAN CREEK IN COUNCIL BLUFFS		55	PRESERVE	BRIDGE DECK OVERLAY		106						
275	8920	MISSOURI RIVER & RR BRIDGE IN COUNCIL BLUFFS - IOWA'S SHARE		42	PRESERVE	OUTSIDE SERV. BR. INSP MISCELLANEOUS	49 6	51		52 7		55 7		
480	39900	MISSOURI RIVER & RR BRIDGE IN COUNCIL BLUFFS - REPLACE BRIDGE DECK IN 2000 AND PAINT IN 2002 - IOWA'S SHARE		50	PRESERVE	OUTSIDE SERV. BR. INSP BRIDGE REPAIR MISCELLANEOUS BRIDGE PAINTING	10 6	4	11 3735		11	6 1649	6	
480	39900	BRIDGE DECK OVERLAY OVER 41ST STREET IN COUNCIL BLUFFS		80	PRESERVE	BRIDGE DECK OVERLAY				222				
480	14500	REPAIR W-N CONNECTION BRIDGE OVER SB I-29 IN COUNCIL BLUFFS		97	PRESERVE	BRIDGE REPAIR					328			
680	6840	FROM NEBRASKA STATE LINE TO EAST JCT I-80 - 17.6 MILES (EB & WB)	29.5	87	PRESERVE	PAVEMENT REHAB GUARDRAIL	5823 81							
680	14400	MISSOURI RIVER BRIDGE 3.1 MILES WEST OF I-29 INTERCHANGE (WB) -IOWA'S SHARE		91	PRESERVE	MISCELLANEOUS BRIDGE PAINTING OUTSIDE SERV. BR. INSP BRIDGE REPAIR		6 193 14	6 3	6 12	6 3	6 12	6 110	

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	WORK RATING	CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(80) RINGGOLD														
2	1080	REPAIR BRIDGE OVER GRAND RIVER 0.2 MILE EAST OF BENTON		97	PRESERVE	BRIDGE REPAIR		31						
2	1680	FROM ECL MOUNT AYR TO DECATUR COUNTY LINE	11.1	38	MODERNIZE	EROSION CONTROL WETLAND MITIGATION	385							
66	640	REPAIR BRIDGE OVER WEST FORK GRAND RIVER 0.6 MILES NORTH OF JCT IA 2		47	PRESERVE	BRIDGE REPAIR						33		
169	710	FROM MISSOURI STATE LINE TO WEST JCT IA 2	15.2	45	PRESERVE	PAVEMENT REHAB						1167		
169	970	REPLACE SQUAW CREEK SIDE DITCH BRIDGE AT IA 259 INTERSECTION		30	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT						5	153	
(81) SAC														
20	2690	FROM IDA COUNTY LINE TO CALHOUN COUNTY LINE	27.4	49	CONSTRUCT	OUTSIDE SERV. ENGINEER PLANNING STUDY RIGHT OF WAY						20		1600
20	1690	FROM JCT IA 110 TO NORTH JCT US 71	7.0	36	PRESERVE	SUBDRAINS PAVEMENT REHAB CULVERT EXTENSION GUARDRAIL	145					1195		18
71	2120	FROM CARROLL COUNTY LINE TO BUENA VISTA COUNTY LINE	34.2	68	REBUILD	OUTSIDE SERV. ENGINEER PLANNING STUDY						100		16
110	1540	FROM JCT US 20 TO 1ST STREET IN SCHALLER	1.7	61	PRESERVE	SUBDRAINS PAVEMENT REHAB	16					426		

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(82) SCOTT														
67	11600	FROM NEAR 26TH STREET TO VALLEY DRIVE IN BETTENDORF	2.8	43	REBUILD	EROSION CONTROL	95							
67	11600	FROM 249TH STREET TO I-80 IN LE CLAIRE	2.5	43	REBUILD	EROSION CONTROL		125						
74	33800	FROM JCT I-80 INTERCHANGE TO MISSISSIPPI RIVER	3.5	58	PRESERVE	PATCHING LIGHTING	50 230	50	50					
74	32800	REPAIR FIVE BRIDGES OVER GILBERT STREET, IMPL RR, CITY PROPERTY AND CITY STREETS (MISSISSIPPI RIVER APPROACH) IN BETTENDORF		96	PRESERVE	BRIDGE REPAIR					545			
74	60100	MISSISSIPPI RIVER AND RR BRIDGE IN BETTENDORF - IOWA'S SHARE (SB & NB)		45	PRESERVE	MISCELLANEOUS OUTSIDE SERV. BR. INSP BRIDGE REPAIR	40 375	40	40	40	40	40	200	200
80	26600	FROM CEDAR COUNTY LINE TO US 61 INTERCHANGE	17.5	87	PRESERVE	EROSION CONTROL	80							
80	22600	FROM US 61 INTERCHANGE TO MISSISSIPPI RIVER BRIDGE	11.2	80	PRESERVE	PATCHING EROSION CONTROL	100	100	100				240	
80	22600	CHANGEABLE MESSAGE SIGNS IN THE QUAD CITIES AREA - IOWA'S SHARE		NA	MODERNIZE	TRAFFIC SIGNS	515							
80		REST AREA IMPROVEMENTS IN BETTENDORF - NEW BUILDING (WB) AND CITY SEWER CONNECTION IN 2000		NA	MODERNIZE	OUTSIDE SERV. ENGINEER REST AREA IMPROVEMENT		225			1450			
80	22600	MISSISSIPPI RIVER AND RR BRIDGE AT LE CLAIRE - IOWA'S SHARE		75	PRESERVE	MISCELLANEOUS OUTSIDE SERV. BR. INSP	15 20	15	15	15	15			

NA=NOT APPLICABLE

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000										
							1998	1999	2000	2001	2002	2003	2004	2004	BEYOND 2004		
(84) SIOUX																	
12	1580	FROM PLYMOUTH COUNTY LINE TO JCT IA 10	6.4	59	PRESERVE	RIGHT OF WAY CULVERT EXTENSION	6	88									
18	2020	REPLACE BRIDGE OVER ROCK RIVER 1.3 MILES WEST OF ROCK VALLEY		58	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT					7	1240					
18	3910	FROM SOUTH JCT US 75 TO HULL	2.0	51	REBUILD	RIGHT OF WAY GRADE AND PAVE SHOULDER GRADING GRANULAR SHOULDERS WETLAND MITIGATION EROSION CONTROL	77	78				1282 131 49 6		77			
60	3540	FROM PLYMOUTH COUNTY LINE TO ALTON BYPASS - ADD 2-LANE	5.7	39	REBUILD	OUTSIDE SERV. ENGINEER RIGHT OF WAY GRADE WETLAND MITIGATION BRIDGE NEW PAVE TRAFFIC SIGNS EROSION CONTROL	900	200	110	25		500 1100		3039 17 563		5217 23	209
60		ALTON BYPASS - 4-LANE	4.6	NA	CONSTRUCT	OUTSIDE SERV. ENGINEER RIGHT OF WAY GRADE BRIDGE NEW OUTSIDE SERV. PLANNING PAVE LIGHTING TRAFFIC SIGNS EROSION CONTROL TRAFFIC SIGNALS	800	200	490	50	25	500 900		6323 2108 50		8442 58 70	275 81

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	WORK RATING	CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(85) STORY														
30	6000	FROM 4-LANE DIVIDED AT COLO TO MARSHALL COUNTY LINE	4.2	39	REBUILD	OUTSIDE SERV. ENGINEER PLANNING STUDY		50						
35	18500	FROM US 30 INTERCHANGE TO HAMILTON COUNTY LINE - CROSSOVERS AND INLAY 9 MILES IN 1999 (SB) AND INLAY 6 MILES IN 2000 (SB)	14.3	96	PRESERVE	PATCHING PAVEMENT REHAB GRADE AND PAVE	100	100	100	9088	5878	1250		
35	16500	REPAIR BRIDGE AT COUNTY ROAD E-41		71	PRESERVE	BRIDGE REPAIR							108	
35	16500	REPAIR BRIDGES OVER UP RR 1.5 MILES NORTH OF US 30 INTERCHANGE (NB & SB)		91	PRESERVE	BRIDGE REPAIR							250	
35		REST AREA IMPROVEMENT 3 MILES NORTH OF COUNTY ROAD E-29 - LAGOON EXPANSION (SB & NB)		NA	MODERNIZE	REST AREA IMPROVEMENT							900	
65	1460	REPLACE BRIDGE OVER MINERVA CREEK NEAR ZEARING		35	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT			3			354		
69	12800	FROM SCL OF AMES NORTH 1.1 MILES - CITY ADMINISTERED & STATE SHARE	1.1	35	PRESERVE	PAVEMENT REHAB	395							
69	17000	INTERSECTION IMPROVEMENT AT LINCOLN WAY AND GRAND AVENUE IN AMES - IOWA'S SHARE AND CITY ADMINISTERED		NA	MODERNIZE	GRADE AND PAVE		858						
69	18600	INTERSECTION IMPROVEMENT TO LINCOLN WAY AND SOUTH DUFF IN AMES - STATE SHARE AND CITY ADMINISTERED		18	MODERNIZE	GRADE AND PAVE	424							

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
(86) TAMA														
63	3010	FROM EAST JCT IA 96 TO SCL TRAER	6.2	72	PRESERVE	PAVEMENT REHAB	1648							
63	4250	FROM SCL TRAER TO BLACKHAWK COUNTY LINE - INCLUDES 4-LANE IN TRAER	7.9	22	PRESERVE	SUBDRAINS	57							
						PAVEMENT REHAB	3401							
						BRIDGE APPROACH REPAIR	21							
						BRIDGE RAIL RETROFIT	16							
						GUARDRAIL	10							
(87) TAYLOR														
2	900	FROM IA 49 IN BEDFORD TO 0.3 MILE EAST OF NORTH JCT IA 25	16.4	64	PRESERVE	PAVEMENT REHAB	3036							
						GUARDRAIL	19							
148	1200	BRIDGE DECK OVERLAY OVER MIDDLE CREEK 0.9 MILE NORTH OF BEDFORD		86	PRESERVE	BRIDGE DECK OVERLAY					90			
148	780	BRIDGE DECK OVERLAY OVER MIDDLE 102 RIVER 4.1 MILES NORTH OF GRAVITY		87	PRESERVE	BRIDGE DECK OVERLAY				84				
(88) UNION														
25	810	BRIDGE DECK REPAIR OVER BRANCH PLATTE RIVER 2.9 MILES SOUTH OF JCT US 34		61	PRESERVE	BRIDGE DECK OVERLAY					98			
34	4470	FROM SOUTH JCT IA 25 TO EAST OF CRESTON - INCLUDES CRESTON BYPASS	8.0	35	REBUILD	PLANNING STUDY								
34	4470	BRIDGE DECK OVERLAY OVER BNSF RR 1.6 MILES EAST OF CRESTON		64	PRESERVE	BRIDGE DECK OVERLAY	172							
34	3390	BRIDGE DECK OVERLAY OVER ABANDONED C&GW RR EAST OF AFTON		93	PRESERVE	BRIDGE DECK OVERLAY	129							

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000								
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004	
(90) WAPELLO															
34	6860	FROM OTTUMWA BYPASS TO JEFFERSON COUNTY LINE - 4-LANE AND INCLUDES AGENCY BYPASS	10.3	49	CONSTRUCT	OUTSIDE SERV. ENGINEER RIGHT OF WAY GRADE BRIDGE NEW PAVE LIGHTING TRAFFIC SIGNS TRAFFIC SIGNALS EROSION CONTROL	700	1100	400	400	50	1364	2810	17119 1809 22570 60 120 72	634
63	5000	FROM COUNTY ROAD T-16 TO EDDYVILLE BYPASS - INCLUDES DES MOINES RIVER BRIDGE	1.2	13	CONSTRUCT	RIGHT OF WAY GRADE AND PAVE BRIDGE REMOVAL BRIDGE REPLACEMENT CULVERT EXTENSION					11		703 417 4831 58		
63	5560	FROM DAVIS COUNTY LINE TO SCL OTTUMWA	6.3	24	REBUILD	OUTSIDE SERV. ENGINEER UNDER DEVELOPMENT		250	600	500					
63	5300	BRIDGE DECK OVERLAY OVER ABANDONED RR 1.4 MILES NORTH OF DAVIS COUNTY LINE		71	PRESERVE	BRIDGE DECK OVERLAY		87							
63	22100	BRIDGE REPAIR OVER DES MOINES RIVER, IA 23 & BNSF RR IN OTTUMWA		47	PRESERVE	BRIDGE REPAIR			106						
63	7900	BRIDGE DECK OVERLAY OVER CPRS RR NORTH OF NORTH COURT STREET IN OTTUMWA		79	PRESERVE	BRIDGE DECK OVERLAY							113		
63	5000	LIGHTING AT RELOCATED US 63 INTERCHANGE NORTH OF OTTUMWA		NA	MODERNIZE	LIGHTING		144							

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(91) WARREN														
5	6400	BRIDGE DECK OVERLAY OVER MIDDLE RIVER 0.5 MILE WEST OF COUNTY ROAD S-23 INTERSECTION		75	PRESERVE	BRIDGE DECK OVERLAY							162	
5	6890	FROM EAST OF COUNTY ROAD S-23 TO RELOCATED US 65 NEAR POLK COUNTY LINE - 4-LANE	5.2	14	REBUILD	PAVE EROSION CONTROL	1202					130		
5		RELOCATED IA 5 - FROM PRESENT US 65/69 INTERCHANGE WEST 0.4 MILE - 4-LANE	0.4	NA	REBUILD	PAVE EROSION CONTROL						928	18	
5		RELOCATED IA 5 - FROM 0.4 MILES WEST OF US 65/69 INTERCHANGE TO SW 9TH STREET - 4-LANE	2.5	NA	CONSTRUCT	BRIDGE NEW PAVE EROSION CONTROL	437					4612	78	
35	11500	FROM MADISON COUNTY LINE TO POLK COUNTY LINE	24.0	96	PRESERVE	PATCHING						50	50	
35	13400	REPAIR BRIDGE OVER CLANTON CREEK 2.1 MILES SOUTH OF IA 92 INTERCHANGE (SB)		67	PRESERVE	RIP RAP						52		
92	5900	FROM I-35 INTERCHANGE TO INDIANOLA	10.9	29	MODERNIZE	PLANNING STUDY								
92	4170	BRIDGE DECK OVERLAY OVER I-35 AT IA 92 INTERCHANGE (EB)		63	PRESERVE	BRIDGE DECK OVERLAY							137	
(92) WASHINGTON														
22	1190	FROM KEOKUK COUNTY LINE TO 6TH STREET IN WELLMAN	5.3	28	MODERNIZE	SUBDRAINS PAVEMENT REHAB/WIDEN CULVERT EXTENSION	60						1057	15

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(93) WAYNE														
14	2540	REPLACE BRIDGE OVER SOUTH FORK CHARITON RIVER 3.0 MILES NORTH OF CORYDON	51	REBUILD	BRIDGE REPLACEMENT	602								
65	1560	BRIDGE DECK OVERLAY OVER NORTH CALEB CREEK 2.6 MILES NORTH OF JCT COUNTY ROAD J-54	78	PRESERVE	BRIDGE DECK OVERLAY	110								
65	1560	FROM JCT IA 2 TO SCL HUMESTON	6.5	84	PRESERVE	SUBDRAINS GUARDRAIL	98 13							
(94) WEBSTER														
20	3480	FROM CALHOUN COUNTY LINE TO EAST OF MOORLAND	6.7	47	CONSTRUCT	PLANNING STUDY RIGHT OF WAY						700		
20	4570	FROM COALVILLE TO HAMILTON COUNTY LINE AT VARIOUS LOCATIONS (EB & WB)	9.7	98	PRESERVE	PAVEMENT REHAB						1109		
169	4550	FROM NCL FORT DODGE TO HUMBOLDT COUNTY LINE	8.5	34	REBUILD	PLANNING STUDY								
169	3540	BRIDGE DECK OVERLAY OVER BASS CREEK 0.5 MILE SOUTH OF COUNTY ROAD C-56	78	PRESERVE	BRIDGE DECK OVERLAY							82		
(95) WINNEBAGO														
69	2480	FROM HANCOCK COUNTY LINE TO JCT IA 9 IN FOREST CITY	1.0	84	PRESERVE	PAVEMENT REHAB						190		

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
(97) WOODBURY														
29		REST AREA IMPROVEMENTS AT 2 MILES SOUTH OF SERGEANT BLUFF - NEW BUILDING IN 1999 (SB) AND CITY SEWER CONNECTION IN 2000	NA	MODERNIZE	OUTSIDE SERV. ENGINEER REST AREA IMPROVEMENT	150	25	1000	600					
29	4480	BRIDGE DECK OVERLAY AT 1ST STREET IN SERGEANT BLUFF	63	PRESERVE	BRIDGE DECK OVERLAY				118					
29	29400	REPAIR BRIDGE OVER FLOYD RIVER IN SIOUX CITY (SB)	48	PRESERVE	BRIDGE REPAIR	50								
29	23000	BRIDGE DECK OVERLAY OVER UP RR & WALL STREET IN SIOUX CITY	62	PRESERVE	BRIDGE DECK OVERLAY					192				
29	29400	IN SIOUX CITY - TOWER LIGHTING AT HAMILTON BLVD INTERCHANGE	NA	MODERNIZE	LIGHTING		300							
29	29400	BRIDGE DECK OVERLAY OVER FLOYD RIVER CHANNEL JUST SOUTH OF FLOYD BLVD IN SIOUX CITY	56	PRESERVE	BRIDGE DECK OVERLAY					224				
29	28100	BRIDGE DECK REPAIR OVER W-N CONNECTION NEAR US 77 INTERCHANGE IN SIOUX CITY	88	PRESERVE	BRIDGE DECK OVERLAY					106				
29	24000	BRIDGE DECK OVERLAY OVER N-E CONNECTION NEAR US 77 INTERCHANGE IN SIOUX CITY	78	PRESERVE	BRIDGE DECK OVERLAY					108				
29	22800	REPAIR BRIDGE OVER BIG SIOUX RIVER IN SIOUX CITY (SB) - IOWA'S SHARE	97	PRESERVE	BRIDGE PAINTING		450							
31	970	REPLACE BRIDGE OVER SMALL NATURAL STREAM 0.1 MILE NORTH OF IA 141	49	REBUILD	RIGHT OF WAY BRIDGE REPLACEMENT				5		186			

IOWA TRANSPORTATION HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
0		STATEWIDE CONSULTANT SERVICES		NA	MODERNIZE	OUTSIDE SERV. PLANNING OUTSIDE SERV. ENGINEER	1800 2300	5000 3000						
0		EMERGENCY - CONTINGENCY - U-STEP C-STEP & TJ RESERVE		NA	PRESERVE	MISCELLANEOUS	6000	6000	6000					
0		COOPERATIVE CITY/COUNTY/STATE HIGHWAY RESEARCH AND IOWA TRANSPORTATION CENTER - STATE PORTION		NA	PRESERVE	MISCELLANEOUS	1100	1100	250					
0		TRAFFIC CONTROL DEVICES, PAVEMENT MARKINGS AND SIGN REHABILITATION		NA	PRESERVE	TRAFFIC SIGNS	1600	1100	1100					
0		STATEWIDE CONTRACT MAINTENANCE RESERVE AND BRIDGE PAINTING		NA	PRESERVE	BRIDGE PAINTING MISCELLANEOUS	2000 14000	2000 14000	2000 14000					
0		STATEWIDE ROADSIDE IMPROVEMENT		NA	PRESERVE	MISCELLANEOUS	2000	2000						
0		MANAGEMENT SYSTEMS IMPLEMENTATION		NA	PRESERVE	OUTSIDE SERV. PLANNING	1000	1000	1000					
0		CORRIDOR PRESERVATION		NA	PRESERVE	PRESERVE CORRIDOR ROW	500	500	500					
0		STATEWIDE ASBESTOS REMOVAL		NA	REBUILD	ASBESTOS REMOVAL	150	150						
0		STATEWIDE GUARDRAIL IMPROVEMENTS		NA	PRESERVE	GUARDRAIL	1000	1000						
0		AMERICAN DISABILITY ACT NEEDS		NA	PRESERVE	MISCELLANEOUS	1500							
0		STATEWIDE UNDERWATER DIVER INSPECTION OF BRIDGES		NA	PRESERVE	OUTSIDE SERV. BR. INSP	20	10		200				
0		STATEWIDE INTERSECTION LIGHTING		NA	MODERNIZE	LIGHTING	100	100						
0		MATERIALS SHOP FABRICATION		NA	REBUILD	MISCELLANEOUS	100	100						
0		SCENIC BYWAY PROGRAM		NA	PRESERVE	MISCELLANEOUS		400						
0		GIS IMPLEMENTATION		NA	PRESERVE	MISCELLANEOUS		350	350					
0		ON THE JOB TRAINING FOR PILOT PROGRAM AND PREVOCATIONAL TRAINING		NA	PRESERVE	MISCELLANEOUS		200	200	200				

NA=NOT APPLICABLE



**Highway Program
by Selected
Corridors**

Avenue of the Saints
Des Moines - Burlington
Des Moines - Marshalltown

Ia. 5

US 75/Ia. 60

US 151



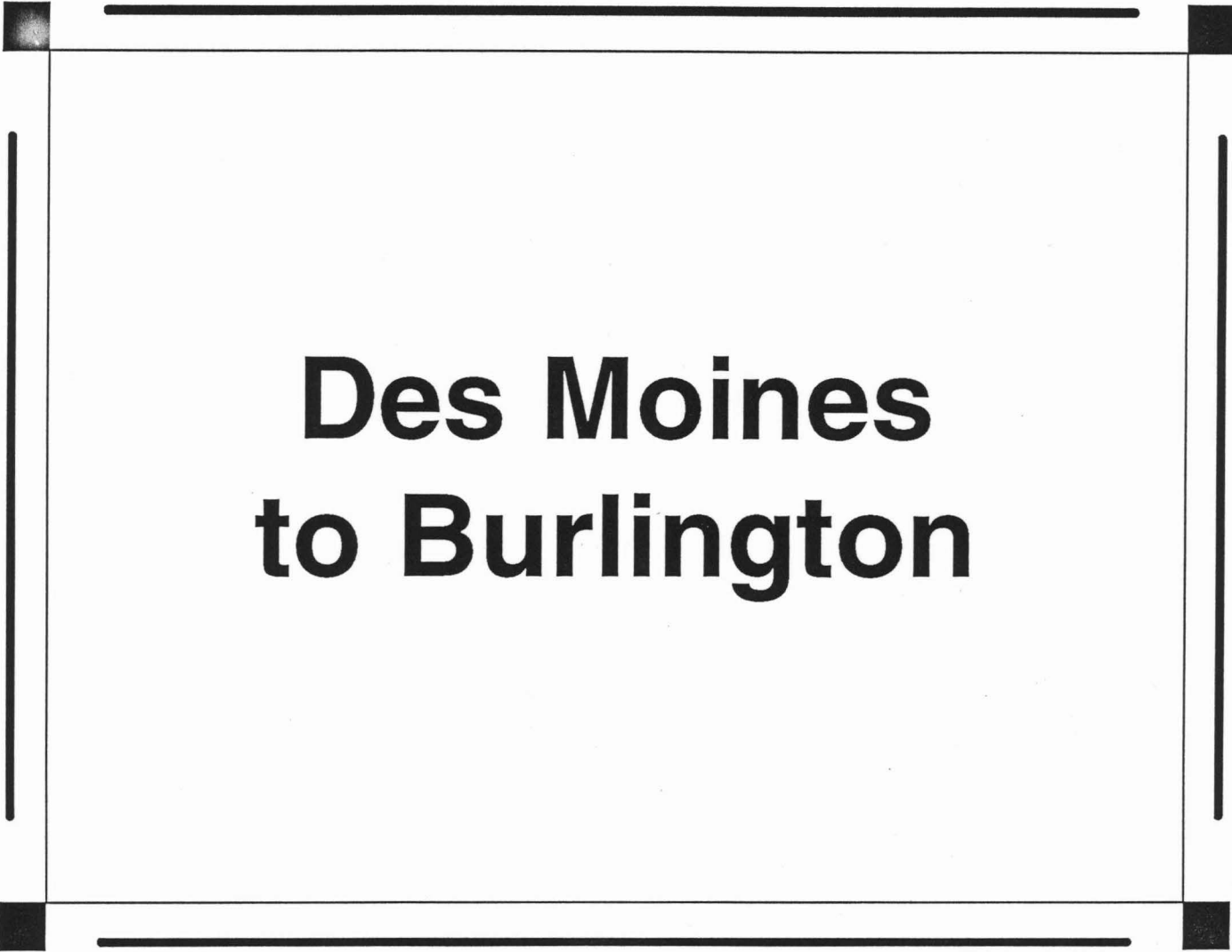
Avenue of the Saints

IOWA TRANSPORTATION HIGHWAY PROGRAM
BY CORRIDOR

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
AVENUE OF THE SAINTS														
						TRAFFIC SIGNS				44				
		(19) CHICKASAW												
218	3530	FROM BREMER COUNTY LINE TO FLOYD COUNTY LINE - ADD 2-LANE AND INCLUDES NASHUA BYPASS - 4-LANE	4.2	58	CONSTRUCT	RIGHT OF WAY	250	400						
						GRADE			2984					
						PAVE				4909				
						EROSION CONTROL					281			
						WETLAND MITIGATION			22					
						BRIDGE NEW			340					
						CULVERT NEW			334					
						LIGHTING				36				
						TRAFFIC SIGNS				28				
		(34) FLOYD												
218	3710	FROM CHICKASAW COUNTY LINE TO CHARLES CITY BYPASS (SOUTH OF CO RD B-59) - ADD 2-LANE	6.7	33	CONSTRUCT	RIGHT OF WAY	450	800						
						GRADE			4235					
						PAVE				9672				
						EROSION CONTROL					394			
						WETLAND MITIGATION			27					
						BRIDGE NEW			679					
						CULVERT NEW			620					
						TRAFFIC SIGNS				23				
218		CHARLES CITY BYPASS - 4-LANE	8.8	NA	CONSTRUCT	GRADE	10344							
						PAVE		14643						
						EROSION CONTROL				371				
						WETLAND MITIGATION	21							
						BRIDGE NEW	2406	1969						
						CULVERT NEW	1130							
						LIGHTING		188						
						TRAFFIC SIGNS		179						
						TRAFFIC SIGNALS		48						
						OUTSIDE SERV. ENGINEER	750	50						

IOWA TRANSPORTATION HIGHWAY PROGRAM
BY CORRIDOR

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							BEYOND 2004
							1998	1999	2000	2001	2002	2003	2004	
AVENUE OF THE SAINTS														
18		RELOCATED US 18 FROM I-35 TO EAST JCT US 65 - 4-LANE - MASON CITY BYPASS	7.9	NA	CONSTRUCT	PAVE	9580							
						EROSION CONTROL		300						
						BRIDGE NEW	890							
						LIGHTING	459							
						TRAFFIC SIGNS	113							
						OUTSIDE SERV. ENGINEER	50							
35	13500	FROM FRANKLIN COUNTY LINE TO 3 MILES NORTH OF COUNTY ROAD B-55 INTERCHANGE	9.0	94	PRESERVE	PATCHING	75							
35	13500	FROM 3 MILES NORTH OF COUNTY ROAD B-55 INTERCHANGE TO 2 MILES SOUTH OF US 18 INTERCHANGE AT CLEAR LAKE	7.0	94	PRESERVE	PATCHING		50	50					
(98) WORTH														
35	12300	FROM 9 MILES NORTH OF IA 9 TO 3 MILES SOUTH OF MINNESOTA STATE LINE	3.0	85	PRESERVE	PATCHING	50	50	50					



**Des Moines
to Burlington**

IOWA TRANSPORTATION HIGHWAY PROGRAM
BY CORRIDOR

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
DES MOINES TO BURLINGTON														
163		(50) JASPER PRAIRIE CITY BYPASS - 4-LANE	4.2	NA	CONSTRUCT	PAVE	8400							
						FENCING	50							
						EROSION CONTROL		195						
						WETLAND MITIGATION	40	15						
						LIGHTING	94							
						TRAFFIC SIGNS	82							
163		MONROE BYPASS - 4-LANE	5.5	NA	CONSTRUCT	PAVE	6770							
						EROSION CONTROL		245						
						WETLAND MITIGATION	40	15						
						LIGHTING	66							
						TRAFFIC SIGNS	155							
						OUTSIDE SERV. ENGINEER	50							
163		(63) MARION OTLEY BYPASS - 4-LANE	1.9	NA	CONSTRUCT	PAVE	2704							
						EROSION CONTROL		90						
						WETLAND MITIGATION	80	15						
						TRAFFIC SIGNS	21							
						OUTSIDE SERV. ENGINEER	25							
163		(62) MAHASKA 4890 FROM MARION COUNTY LINE TO BEGINNING OF OSKALOOSA BYPASS - 4-LANE	11.3	16	REBUILD	GRADE	2013							
						PAVE		3878						
						EROSION CONTROL	175		276					
						WETLAND MITIGATION	16							
						LIGHTING		34						
						OUTSIDE SERV. ENGINEER	75	25						
163		OSKALOOSA BYPASS - 4-LANE	6.1	NA	CONSTRUCT	EROSION CONTROL	440							

RTE	ADT	LOCATION	MILES	RATING	CLASS	WORK	OF	WORK	1998	1999	2000	2001	2002	2003	2004	BEYOND
																2004

DES MOINES TO BURLINGTON																
(51) JEFFERSON																
34	5200	FROM WAPELLO COUNTY LINE TO WEST END OF FAIRFIELD BYPASS - ADD 2-LANES AND INCLUDES 4-LANE FOR BATAVIA BYPASS	6.6	46	CONSTRUCT	RIGHT OF WAY						909	1873			
						GRADE								10854		
						PAVE									13863	
						EROSION CONTROL										529
						BRIDGE NEW							2412			
						LIGHTING									60	
						TRAFFIC SIGNS									90	
						TRAFFIC SIGNALS									72	
						OUTSIDE SERV. ENGINEER	1900	300	700	100	50					
34		FAIRFIELD BYPASS - 4-LANE	10.5	NA	CONSTRUCT	RIGHT OF WAY						765	1463			
						GRADE								15766		
						PAVE									18150	
						EROSION CONTROL										646
						BRIDGE NEW							3478			
						LIGHTING									72	
						TRAFFIC SIGNS									120	
						TRAFFIC SIGNALS									90	
						OUTSIDE SERV. ENGINEER	1900	600	500	100	50					
34	5200	FROM EAST END OF FAIRFIELD BYPASS TO HENRY COUNTY LINE - 4-LANE	7.4	46	CONSTRUCT	RIGHT OF WAY					400	800				
						GRADE								13963		
						PAVE									16160	
						EROSION CONTROL										418
						BRIDGE NEW							1688			
						LIGHTING									58	
						TRAFFIC SIGNS									70	
						TRAFFIC SIGNALS									81	
						OUTSIDE SERV. ENGINEER	1300	500	400	50	25					

IOWA TRANSPORTATION HIGHWAY PROGRAM
BY CORRIDOR

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
DES MOINES TO BURLINGTON														
						LIGHTING					278			
						OUTSIDE SERV. ENGINEER	100	50	50					
34	7200	BRIDGE DECK OVERLAY AT CURRAN STREET IN BURLINGTON	94		PRESERVE	BRIDGE DECK REPAIR		310						
34	8900	MISSISSIPPI RIVER BRIDGE AT BURLINGTON - IOWA'S SHARE	0.4	71	PRESERVE	BRIDGE REPAIR MISCELLANEOUS	10	50	10	10	10			



**Des Moines
to
Marshalltown**

IOWA TRANSPORTATION HIGHWAY PROGRAM
BY CORRIDOR

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
DES MOINES TO MARSHALLTOWN														
(77) POLK														
65	7000	FROM END OF 4-LANE SECTION AT BONDURANT THRU COUNTY ROAD S-27 - ADD 2-LANE	6.0	29	REBUILD	GRADE PAVE EROSION CONTROL WETLAND MITIGATION BRIDGE NEW CULVERT NEW CULVERT REPLACEMENT	1980 57 1330 355 321	4542	174					
65	7000	FROM THRU COUNTY ROAD S-27 TO JASPER COUNTY LINE - ADD 2-LANE	0.5	16	REBUILD	RIGHT OF WAY GRADE PAVE EROSION CONTROL WETLAND MITIGATION CULVERT EXTENSION	 21	79	1071	1421	25			
(50) JASPER														
65	6220	FROM POLK COUNTY LINE TO JCT IA 223 - ADD 2-LANE AND INCLUDES IA 117 BRIDGE	3.9	17	REBUILD	RIGHT OF WAY GRADE PAVE EROSION CONTROL WETLAND MITIGATION BRIDGE NEW BRIDGE REPLACEMENT CULVERT EXTENSION	 6 876 450 119	132	2523	4710	152			
330	5500	FROM JCT IA 223 TO MARSHALL COUNTY LINE - ADD 2-LANE	5.5	47	REBUILD	RIGHT OF WAY GRADE PAVE EROSION CONTROL WETLAND MITIGATION BRIDGE NEW LIGHTING TRAFFIC SIGNS TRAFFIC SIGNALS OUTSIDE SERV. ENGINEER	 600	300	600	2814	3942	155		



la. 5

IOWA TRANSPORTATION HIGHWAY PROGRAM
BY CORRIDOR

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
IOWA 5														
(4) APPANOOSE														
5	1050	BRIDGE DECK OVERLAY OVER SMALL NATURAL STREAM 1.6 MILES NORTHEAST OF MISSOURI STATE LINE	58		PRESERVE	BRIDGE DECK REPAIR	66							
5	3100	FROM NORTH OF CHARITON RIVER TO MONROE COUNTY LINE	5.0	79	PRESERVE	PAVEMENT REHAB				1019				
(68) MONROE														
5	3400	FROM APPANOOSE COUNTY LINE TO US 34 IN ALBIA	8.5	85	PRESERVE	PAVEMENT REHAB				1727				
5	6200	REPLACE BURLINGTON NORTHERN SANTA FE RR SUBWAY AT NORTH EDGE OF ALBIA - STATE'S SHARE	NA		REBUILD	GRADE AND PAVE BRIDGE REPLACEMENT OUTSIDE SERV. ENGINEER	346 331 125							
(63) MARION														
5	5050	FROM BEGIN 4-LANE AT KNOXVILLE TO EAST OF IA 92/IA 181 INTERSECTION - ADD 2-LANE	6.4	13	REBUILD	RIGHT OF WAY GRADE PAVE EROSION CONTROL WETLAND MITIGATION CULVERT NEW TRAFFIC SIGNS	624 269 126	2400		3311	197			
5		FROM EAST OF IA 92/IA 181 INTERSECTION TO NORTHWEST OF NCL OF PLEASANTVILLE - 4-LANE (PLEASANTVILLE BYPASS)	3.9	NA	REBUILD	RIGHT OF WAY GRADE PAVE EROSION CONTROL WETLAND MITIGATION BRIDGE NEW LIGHTING TRAFFIC SIGNS	208 29	322	331			3345	4380	191



US 75 & la. 60

IOWA TRANSPORTATION HIGHWAY PROGRAM
BY CORRIDOR

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
U.S. 75 AND IOWA 60														
(97) WOODBURY														
75	14040	FROM SINGING HILLS BLVD TO JUST SOUTH OF LINCOLN WAY IN SIOUX CITY	1.7	94	PRESERVE	PAVEMENT REHAB GUARDRAIL	890 39							
75	14040	REPAIR BRIDGE OVER FLOYD RIVER 0.8 MILE NORTHEAST OF 28TH STREET IN SIOUX CITY	26		PRESERVE	BRIDGE REPAIR	110							
75		FROM US 20 IN SIOUX CITY TO NEAR 28TH STREET - NE SIOUX CITY BYPASS - 4-LANE - CORRECTIONVILLE ROAD BRIDGE IN 1998 AND STONE AVENUE BRIDGE IN 2000	2.6	NA	CONSTRUCT	GRADE PAVE EROSION CONTROL WETLAND MITIGATION BRIDGE NEW CULVERT NEW GUARDRAIL LIGHTING TRAFFIC SIGNS OUTSIDE SERV. ENGINEER	5974			6639		99		
75		FROM NEAR 28TH STREET TO SOUTH OF EXISTING US 75 - NE SIOUX CITY BYPASS - INCLUDES BRIDGES OVER 28TH STREET, SB FLOYD RIVER AND 46TH STREET (NB & SB)	3.0	NA	CONSTRUCT	RIGHT OF WAY GRADE PAVE EROSION CONTROL WETLAND MITIGATION BRIDGE NEW CULVERT NEW GUARDRAIL LIGHTING TRAFFIC SIGNS OUTSIDE SERV. ENGINEER	234	6446		7321		146		
75		FROM SOUTH OF EXISTING US 75 TO JUST NORTH OF COUNTY ROAD C-80 - NE SIOUX CITY BYPASS - 4-LANE - INCLUDES BRIDGES OVER CCP-BN RR	1.4	NA	CONSTRUCT	RIGHT OF WAY GRADE GRADE AND PAVE EROSION CONTROL WETLAND MITIGATION BRIDGE NEW CULVERT NEW	193 1092		3769	2604		166		
							150		80					
							170	327	426					

IOWA TRANSPORTATION HIGHWAY PROGRAM
BY CORRIDOR

RTE	ADT	LOCATION	MILES	RATING	WORK CLASS	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000							
							1998	1999	2000	2001	2002	2003	2004	BEYOND 2004
U.S. 75 AND IOWA 60														
60	3730	FROM LE MARS BYPASS TO SIOUX COUNTY LINE - ADD 2-LANE	5.9	51	REBUILD	RIGHT OF WAY		600	1300					
						GRADE				3208				
						PAVE					5217			
						EROSION CONTROL						120		
						WETLAND MITIGATION				17				
						BRIDGE NEW				563				
						LIGHTING					68			
						TRAFFIC SIGNS					23			
						TRAFFIC SIGNALS					85			
						OUTSIDE SERV. PLANNING				400				
						OUTSIDE SERV. ENGINEER	900	200	110	25				
60	3760	BRIDGE DECK OVERLAY OVER SMALL NATURAL STREAM 1.9 MILES NORTHEAST OF JCT US 75		92	PRESERVE	BRIDGE DECK REPAIR						62		
(84) SIOUX														
60	3540	FROM PLYMOUTH COUNTY LINE TO ALTON BYPASS - ADD 2-LANE	5.7	39	REBUILD	RIGHT OF WAY		500	1100					
						GRADE				3039				
						PAVE					5217			
						EROSION CONTROL						209		
						WETLAND MITIGATION				17				
						BRIDGE NEW				563				
						TRAFFIC SIGNS					23			
						OUTSIDE SERV. ENGINEER	900	200	110	25				
60		ALTON BYPASS - 4-LANE	4.6	NA	CONSTRUCT	RIGHT OF WAY			500	900				
						GRADE					6323			
						PAVE						8442		
						EROSION CONTROL							275	
						BRIDGE NEW				2108				
						LIGHTING						58		
						TRAFFIC SIGNS						70		
						TRAFFIC SIGNALS							81	
						OUTSIDE SERV. PLANNING					50			
						OUTSIDE SERV. ENGINEER	800	200	490	50	25			



US 151

