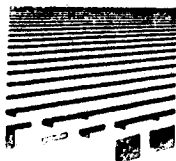


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TRANSPORTATION
IMPROVEMENT PROGRAM
FOR THE IOWA CITY
URBANIZED AREA FY '85 - '89
JUNE 1984



Johnson County Council of Governments
410 E. Washington St. Iowa City, Iowa 52240

IOWA DEPARTMENT OF TRANSPORTATION

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Edward Finn	Federal Highway Administration, U.S. DOT

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INTRODUCTION

The Transportation Improvement Program (TIP) is a comprehensive program of transportation-related improvements within the Iowa City Urbanized Area. For consistency, projects in the rural portion of Johnson County are also included. This document includes both minor short-range projects and major long-term projects for all modes of transportation: transit, streets and highways, rail, bikeway, airport, and pedestrian. All transportation projects in the Urbanized Area receiving Federal funds must be programmed in this document.

This program is composed of three sections:

1. Status report on FY84 projects.
2. FY85 Annual Element.
3. FY86-89 forecast.

The following organizations have contributed to this planning document: the City of Coralville, the City of Iowa City, the City of University Heights, Johnson County, the University of Iowa, and the Iowa Department of Transportation.

Status Report - FY84 Projects

FY84 STATUS REPORT - AIRPORT PROJECTS

Iowa City Municipal Airport

As of April 1, 1984, the Iowa City Municipal Airport remains in noncompliance with Federal Aviation Administration (FAA) regulations regarding obstructions in runway clear zones. Because of this, no projects in the airport's five year improvement plan were implemented in FY84 or have been programmed for specific years in the future.

The number 1 priority for the airport in FY85 will be to remove obstructions in the runway clear zones and regain compliance with FAA regulations. Once this is done, specific projects contained in the Airport Master Plan can be programmed for funding and implementation.

FY84 STATUS REPORT - PEDESTRIAN AND BIKEWAY IMPROVEMENTS

Several pedestrian and bikeway capital improvements were implemented in the Iowa City Urbanized Area during FY84. The City of Coralville undertook an ambitious program of sidewalk construction, resulting in many blocks of new sidewalk in the City of Coralville. Coralville intends to continue this program in future years.

In FY84 a project was programmed in Coralville to construct a sidewalk along U.S. Highway 6/218 from the east city limits to Clear Creek. It was intended to eventually extend this project from Clear Creek to Tenth Avenue. However, this project has been put on hold indefinitely since Coralville was informed by the Iowa DOT that Urban State Traffic Engineering Program (U-STEP) funds cannot be used on this project. The estimated cost of the entire project from the east city limits to Tenth Avenue is \$53,300.

FY84 saw the completion of an important pedestrian-bikeway project in Iowa City: the Rocky Shore Drive bikeway-walkway. Planned for several years, this project finally provides a pedestrian walkway along this narrow, high traffic volume street. Its function as a bikeway provides the missing link between the Finkbine bikeway to the south, and the City Park bikeway to the north. The project was done in conjunction with a construction project to reinforce the riverbank along Rocky Shore Drive. Construction was done according to Federal guidelines for combination bikeway-walkway projects, and includes an 8-foot wide paved surface.

A Community Development Block Grant project was implemented in the Iowa City North Dodge Street neighborhood which consisted of replacing broken sections of sidewalk. Total project cost was \$26,350.

Several minor non-capital bikeway projects were also undertaken by the City of Iowa City in FY84. These pertained to repainting City bikeway pavement markings so they conform to Federal bikeway design standards.

FY84 STATUS REPORT - RAILWAY IMPROVEMENTS

Three railway crossing improvements were completed in FY84: the Cedar Rapids and Iowa City (CRANDIC) crossings at Capitol, Clinton, and Dubuque Streets. These improvements were funded through the Iowa DOT's Rail Crossing Program, a program in which the railway involved performs the work and the cost is split 1/3 each between Iowa DOT, the municipality, and the railroad. Total project cost was approximately \$50,000.

FY84 STATUS REPORT - STREET AND HIGHWAY PROJECTS

City of Coralville

The City of Coralville completed one major street improvement project in FY84, the paving of 25th Avenue north of U.S. Highway 6/218. The paving of this formerly unimproved road has permitted transit service to be expanded into the Boston Way area. In conjunction with this project a traffic signal evaluation was performed at the intersection of 25th Avenue and U.S. Highway 6/218. Based on warrants contained in the Manual on Uniform Traffic Control Devices, the study showed a signal at this location is not warranted at the present time.

The other Coralville projects scheduled for FY84 have been moved to FY85. They are the resurfacing of Fifth Street between First Avenue and Tenth Avenue, and the resurfacing and resignalization of the intersection of U.S. Highway 6/218 and First Avenue. The Highway 6/218 - First Avenue intersection is the highest traffic volume location in the Iowa City Urbanized Area.

City of Iowa City

The City of Iowa City completed several minor resurfacing projects in FY84. The major street reconstruction project planned for FY84 has been put on hold temporarily - the reconstruction of Dubuque Street from Park Road to Iowa Avenue. This project has become controversial because of the necessity of removing nine large trees which are adjacent to the street. When these trees were planted they were several feet from Dubuque Street. However, the subsequent widening of Dubuque Street to 41 feet in intervening years has resulted in the trees being directly adjacent to the street curb. The City hopes to use FAUS funds to partially fund this \$650,000 project, and the FAUS program requires at least a 45 foot pavement width for the reconstruction, necessitating the removal of the trees. The Iowa City City Council has put this matter on hold temporarily.

Project #5 from the FY84 Annual Element, alley paving in Lyon's Second Addition, was completed. Project #6, painting of the Woolf Avenue overpass over U.S. Highway 6/218, should be completed this summer.

University of Iowa

Two projects were programmed for the University of Iowa Institutional Roads Program in FY84: Installation of a traffic signal at the intersection of Mormon Trek Road and Hawkeye Drive, and modifications to the Recreation Building Road. Both of these projects are now programmed for the first half of FY85.

Iowa Department of Transportation

A major project was completed in FY84, the reconstruction and widening of Iowa Highway 1 from Dubuque Road in Iowa City to the north city limits of Solon. This project was begun in FY83 and completed at a cost of \$1.9 million. The other major Iowa DOT project in Johnson County is the construc-

tion of relocated U.S. Highway 218 from I-80 to the southern edge of Iowa City. Paving of this 11.0 mile facility is expected to be completed in the fall of 1984, with the road open to traffic by November or December.

The project to rehabilitate the bridge deck surface on the I-80 bridges over the Iowa River is presently ongoing. This \$247,000 project will be completed during summer 1984.

The I-80 First Avenue interchange reconstruction project has been expanded in scope and will be completed in FY85. This project will now include an entirely new bridge span so that the facility can be increased from two lanes to four lanes.

FY84 STATUS REPORT - TRANSIT PROJECTS

Coralville Transit

With one exception, all Coralville Transit projects listed in the FY84 TIP Annual Element were implemented or are currently undergoing implementation.

The Coralville Transit Route Study was produced by the Johnson County Council of Governments and is presently being evaluated by the Coralville City Council. Several specific recommendations for improvement to the Coralville Transit route network are presented in the report.

The area-wide route and schedule booklet is being put together at the present time and is expected to be in circulation by the fall of 1984. For the first time route, schedule, and general information about all three area transit systems will be combined into a single source.

Seven on-time performance studies were completed for Coralville in FY84 by JCCOG. These studies will be continued in FY85 on a quarterly basis. The acquisition of three transit coaches programmed by Coralville in FY84 (originally two) will be completed late in 1984 or early 1985. These vehicles will be among the first manufactured by Saab-Scania of America at their Orange, Connecticut, manufacturing facility.

The only FY84 project not yet implemented by Coralville Transit is the purchase and erection of ten bus shelters. These will be reprogrammed for FY85 but acquisition will be dependent on the Federal funding situation. Several benches have been placed at Coralville Transit bus stops during FY84.

Iowa City Transit

Seven on-time performance studies were completed for Iowa City Transit during FY84 by JCCOG. These studies will be completed quarterly in FY85. The seven transit coaches programmed in the FY84 AE (originally six) will be under construction shortly at the new Saab-Scania manufacturing facility in Orange, Connecticut. Expected delivery is late 1984 or early 1985.

Two FY84 projects, the Iowa City Transit maintenance study and the area-wide route and schedule booklet, are currently ongoing. The maintenance study final report is being produced by Arrow Transit Associates and should be finished by the end of FY84. This report will contain an exhaustive assessment of the Iowa City Transit maintenance operation, including specific recommendations for improvement.

Acquisition of a glass bulletin board (intended for installation at Old Capitol Center) and ten bus shelters was not implemented during FY84 and will be reprogrammed for FY85.

A project programmed in the FY83 AE was construction of the new Iowa City Transit garage. This \$2.9 million office/storage/maintenance facility was completed in FY84 and is scheduled to be opened in June. This facility contains major maintenance capabilities for all three area transit systems.

University of Iowa Cambus

Three major Cambus projects programmed for FY84 are currently in various stages of implementation. The expansion of the Cambus garage and construction of the new office facility are presently in the design stage. Construction is expected to begin in summer 1984, with completion the following spring. The acquisition of two articulated transit vehicles is proceeding, with the writing of specifications nearly completed. Bidding will follow, with delivery expected early in 1985.

The acquisition of spare engines and transmissions (to be shared among the three area transit systems) has not yet occurred, but may proceed as the new Iowa City Transit Facility begins operation. The project to rebuild the body of Bionic I was completed, with all floor, frame, and body damage on the vehicle repaired.

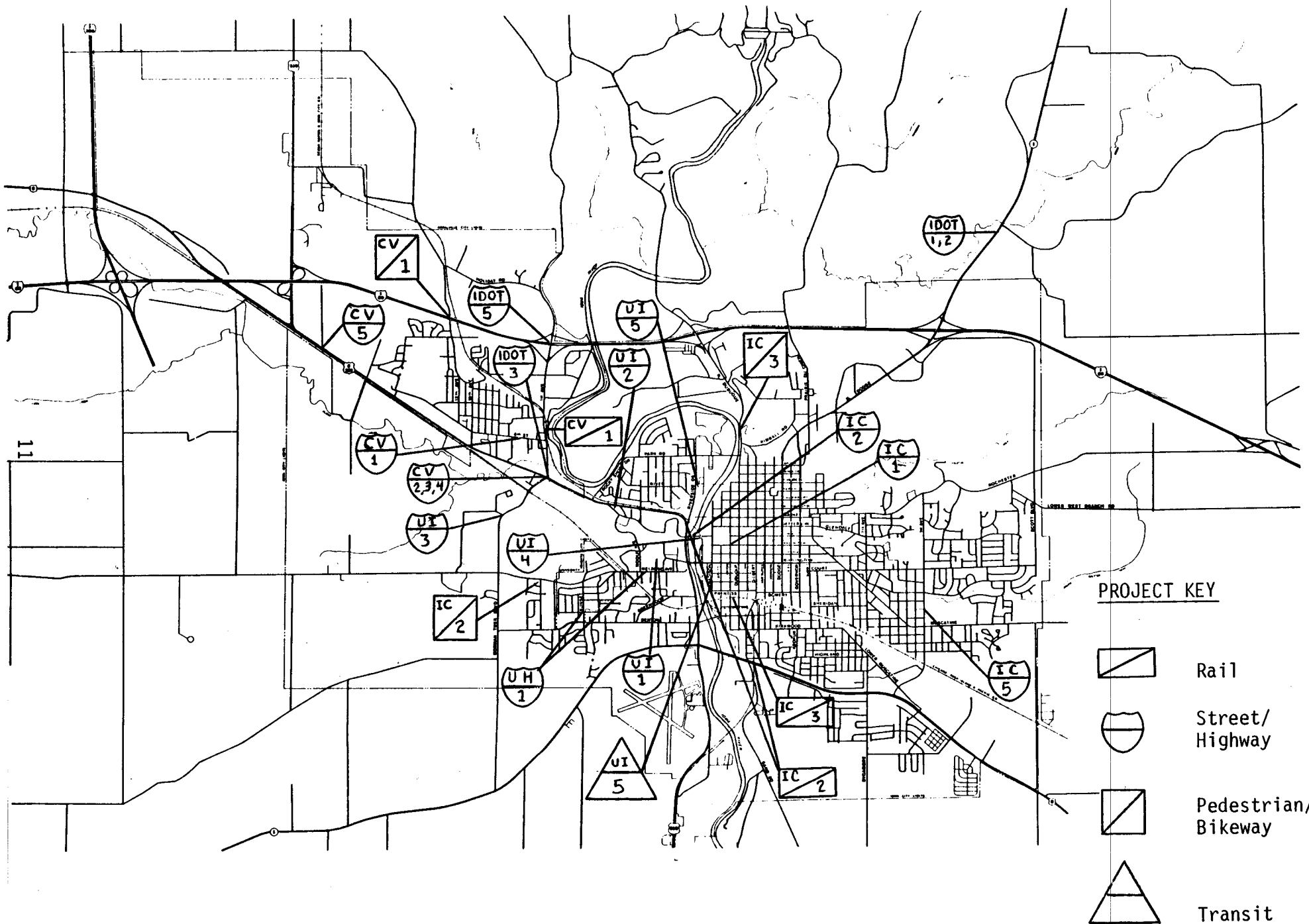
Bus stop improvements at various locations are occurring on a sporadic basis. These usually consist of paving an existing unpaved bus stop. The project to acquire ten bus shelters in FY84 was not completed and will be reprogrammed in FY85.

Johnson County SEATS

Two projects were programmed by SEATS in FY84, both of which were accomplished: the acquisition of two 15-passenger vans and the acquisition of two wheelchair lifts.

Annual Element - FY85

URBANIZED AREA PROJECT LOCATION MAP - FISCAL YEAR 1985 ANNUAL ELEMENT



TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

CITY OF IOWA CITY

Airport Improvements

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

The Master Plan for the Iowa City Municipal Airport has a program of projects for the next five years which is listed in the Forecast section of this document. As Federal funds become available projects may be programmed for specific years.

At the present time there are no specific projects programmed for Fiscal Year 1985.

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

Pedestrian and Bikeway Facility Improvements

CITY OF CORALVILLE
CITY OF IOWA CITY

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

Proj. #	Description of Project	Replacement	Expansion	Total Project Cost	Local Funding	State Funding	Federal Funding
1.	Construct pedestrian bridge over I-80 @ 12th Avenue, Coralville		X	\$160,000	\$40,000		\$120,000 (FAUS)
2.	Villa Park sidewalk, Iowa City		X	7,000	7,000		
3.	Expand N. Dubuque St. sidewalk, Park Rd. to Mayflower Apts. (preliminary work)		X	2,500	2,500		

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

CITY OF IOWA CITY

Rail Crossing Improvements

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

14

Proj. #	Description of Project	Total Project Cost	Local Funding	State Funding	Federal Funding
1.	Rebuild CRIP crossing @ First Avenue (preliminary work)	\$1,000	\$1,000		
2.	Rebuild CRANDIC crossings @ Highland Avenue, Waterfront Drive, and Riverside Drive	\$58,000	\$11,600 (20%-City) \$11,600 (20%-RR)	\$34,800 (60%-Grade crossing repair fund)	
3.	Rebuild CRIP crossing @ Dubuque Street and Clinton Street	\$51,000	\$10,200 (20%-City) \$10,200 (20%-RR)	\$30,600 (60%-Grade crossing repair fund)	

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

Street and Highway Improvements

CITY OF CORALVILLE

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

FORM 220002 3-80

TYPE OF CONSTRUCTION

1. RIGHT OF WAY
2. GRADE AND DRAIN
3. PAVE
4. RECONSTRUCTION
5. PAVEMENT WIDENING
6. RESURFACING
7. SHOULDER WIDENING
8. SURFACE RESTORATION
9. BRIDGE OR CULVERT ONLY
10. INTERSECTION LIGHTING
11. STREET LIGHTING
12. MISCELLANEOUS

STATE

FUNCTIONAL

CLASSIFICATION

- 04 ARTERIAL EXTENSION
- 05 ARTERIAL CONNECTOR EXTENSION
- 06 TRUNK EXT OF
- 07 TRUNK RURAL
- 10 MUNICIPAL ARTERIAL SYSTEMS
- 11 MUNICIPAL COLLECTOR SYSTEMS
- 12 MUNICIPAL SERVICE SYSTEMS

STREET CONSTRUCTION PROGRAM

CITY CORALVILLE

COUNTY Johnson

FY	PROJ. NO.	STREET NAME	PROJECT LIMITS		STATE FUNC. CLASS.	EXISTING SURFACE	TYPE OF CONSTR.	PROJECT LENGTH (MILES)	TOTAL ESTIMATED COST (DOLLARS)	Funding Sources
			FROM	TO						
85	1	5th Street	First Avenue	10th Avenue	10	A.C.	6	0.66	90,000	\$90,000 local-Road Use Tax
85	2	Intersection 1st Ave. U.S. 6/218	STA 47 + 50	STA 50+50	04	P.C.C.	6	----	85,000	\$46,750 fed-USTEP \$38,250 local-RUT
85	3	Intersection 1st Ave. U.S. 6/218	Install New Traffic Signal Support System		04	P.C.C.	12	----	10,000	\$5,500 fed-USTEP \$4,500 local-RUT
85	4	Hwy 6/218	ECL	1st Avenue	04	P.C.C.	Sidewalks	----	10,000	\$5,500 fed-USTEP \$4,500 local-RUT
85	5	25th Avenue	U.S. 6/218	Intersection with 25th Avenue	10	P.C.C.	Traffic Signals 12	----	30,000	\$16,500 fed-USTEP \$13,500 local-RUT

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URSANIZED AREA

Street and Highway Improvements

CITY OF IOWA CITY

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

FORM 220002 3-80

TYPE OF CONSTRUCTION

1. RIGHT OF WAY
2. GRADE AND DRAIN
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STATE

FUNCTIONAL

- CLASSIFICATION**
- 04 ARTERIAL EXTENSION
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 - 07 TRUNK } RURAL
 - COLLECTOR SYSTEMS
 - 10 MUNICIPAL ARTERIAL SYSTEMS
 - 11 MUNICIPAL COLLECTOR SYSTEMS
 - 12 MUNICIPAL SERVICE SYSTEMS

STREET CONSTRUCTION PROGRAM

CITY IOWA CITY

COUNTY Johnson

FY	PROJ. NO.	STREET NAME	PROJECT LIMITS		STATE FUNC. CLASS.	EXISTING SURFACE	TYPE OF CONSTR.	PROJECT LENGTH (MILES)	TOTAL ESTIMATED COST (DOLLARS)	Funding Sources
			FROM	TO						
85	1	Clinton Street	Washington Street	Iowa Avenue	11	Asphalt	4	0.10	\$163,000	\$163,000 local-GO bonds
85	2	Iowa Avenue	Bridge over	Iowa River	10	Asphalt	9	0.10	1,219,000	\$ 650,000 FHWA BR&R \$669,000 local-GO
85	3	Asphalt Resurface	(Miscellaneous locations)		10, 11, 12	Asphalt and/or P.C.C.	6	unknown	300,000	\$300,000 local-Road Use Tax
85	4	Street and Curb Repair	(Miscellaneous locations)		10, 11, 12	Asphalt and/or P.C.C.	4	unknown	100,000	\$100,000 local-Road Use Tax
85	5	First Avenue	Culvert over	North Branch of Ralston Creek	12	none	9	N/A	236,000	\$236,000 local-GO bonds

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

CITY OF UNIVERSITY HEIGHTS

Street and Highway Improvements

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

<u>Project</u>	<u>Total Funding</u>	<u>Local Funding</u>	<u>Federal Funding</u>
1. Improvements to Melrose Avenue and Sunset Street, including: Striping, drainage intake repairs, storm sewer work, sign replacement, and full depth asphalt patching	\$ 9,000	\$ 3,000	\$6,000 (FAUS)
2. Mudjacking, various locations	10,000	10,000	

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

JOHNSON COUNTY

Street and Highway Improvements

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

Form 740481 Sheet 4
10-77

SECONDARY ROAD CONSTRUCTION PROGRAM PRIORITY LIST

NOTE: This Priority List shall contain both locally funded and Farm to Market funded construction projects for the succeeding four (4) years. Attach "X" map showing the location of the projects.

JOHNSON

County

Priority Year	Previous Priority Year	Project or FAS Route Number	Location of Project	Length	Type of Work	Estimated Total Cost	Type of Funding (Local-FM)
1985	1985	FMS2()	From NW Cor. Sec. 18-78-3 East Approx. 4.0 Mi. to Near NW Cor. Sec. 14-78-8 Traffic Count 151-178 VPD	4.0	PAVE	500,000	FM
					1985 FM TOTAL	500,000	
1985	1985	B-3-2	Near Ctr. Sec. 3-81-6 Traffic Count 72 VPD	0.3	BRIDGE & APPR. GRADE	250,000	LOCAL
1985	1986	S-1-1 S-1-2 S-1-3	In NW 1/4 Sec. 1-78-6 Traffic Count 30 VPD	0.2	BRIDGE & APPR. GRADE	150,000	LOCAL

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

THE UNIVERSITY OF IOWA

Street and Highway Improvements

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

Board of Regents

INSTITUTIONAL ROADS PROGRAM

University of Iowa Portion

<u>Project</u>	<u>Est. Cost</u>
1. Recreation Building Road modifications	\$ 50,000
2. Widen section of Newton Road for transit interchange	\$ 15,000
3. Morman Trek/ Hawkeye Drive intersection reconstruction and signalization	\$ 100,000
4. English-Philosophy Building/Library Road	\$ 300,000
5. University Theatre Road	\$ 70,000

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

Street and Highway Improvements

IOWA DEPARTMENT OF TRANSPORTATION

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

<u>Project</u>	<u>Federal Aid Interstate 4-R Primary Funds</u>	<u>Federal Funds</u>	<u>Federal Bridge Replacement Funds</u>	<u>State Primary Road Funds</u>	<u>Total</u>
1. IA 1 between I-80 and Solon-- Repair 1 Culvert			\$28,800	\$ 7,200	\$ 36,000
Replace Bridge			144,800	36,200	181,000
2. IA 1--South of Solon-- Remove CRI&P RR Bridge			431,200	107,800	539,000
3. US 6-218 at 1st Avenue in Coralville-- Resurface and Lane Marking (U-STEP State Share)				60,000	60,000
4. IA 22 from Washington Co. Line east 4.1 miles to Lone Tree-- Right-of-Way	\$143,250			47,750	191,000
5. Interstate 80 at Coralville 1st Avenue Interchange-- New 1st Avenue Bridge, Ramp Relocation and Traffic Signals		\$1,071,900		119,100	1,191,000
TOTAL	\$143,250	\$1,071,900	\$604,800	\$378,050	\$2,198,000

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

CORALVILLE TRANSIT

Transit Capital Improvements and Operating Assistance

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

Proj. #	Description of Project	Replacement	Expansion	Total Project Cost	Local Funding	State Funding	Federal Funding
1.	Fixed-route transit operations, including: A. SEATS paratransit service B. All other transit operations TOTAL			\$ 9,000 513,107 522,107	 \$446,823	 \$43,497 (Iowa DOT S.T.A.)	 \$31,787 (Sec.9)
2.	10 bus shelters, incl. erection		X	30,000	7,500		22,500 (")
3.	On-time performance studies			250	250 (incl. in JCCOG assess.)		

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

IOWA CITY TRANSIT

Transit Capital Improvements and Operating Assistance

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

Proj. #	Description of Project	Replacement	Expansion	Total Project Cost	Local Funding	State Funding	Federal Funding
1.	Fixed route transit operations, including:						
	A. Taxi paratransit service			\$ 6,500			
	B. SEATS paratransit service			61,500			
	C. S.W. Iowa City service expansion			52,593			
	D. CAMBUS service agreement			23,000			
	E. All other transit operations			1,780,284			
	TOTAL			1,923,877	\$1,680,678	\$127,329 (Iowa DOT S.T.A.)	\$115,870 (Sec.9)
2.	On-time performance studies			500	500 (incl. in JCCOG assess.)		
3.	10 bus shelters, incl. erection		X	30,000	7,500		22,500 (Sec.9)
4.	Six new 40' transit coaches, incl. radios and fareboxes	X		984,000	246,000		738,000 (Sec.3)
5.	Microcomputer, incl. software		X	10,000	1,000	1,000 (Iowa DOT S.T.A.)	8,000 (Sec.9)
6.	Glass bulletin board		X	1,500	1,500		

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

JOHNSON COUNTY SEATS

Transit Capital Improvements and Operating Assistance

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

Proj. #	Description of Project	Replacement	Expansion	Total Project Cost	Local Funding	State Funding	Federal Funding
1.	Johnson County SEATS paratransit operations			\$175,550	\$163,050	\$7,500 (Iowa DOT S.T.A.)	\$ 5,000 (Sec. 18)
2.	Two paratransit buses, including lifts, for Systems Unlimited service		X	57,700	11,540		46,160 (Sec. 18)
3.	Three 15 passenger vans, one lift equipped, including radios	X		51,200	10,240		40,960 (Sec. 18)

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

UNIVERSITY OF IOWA CAMBUS

Transit Capital Improvements and Operating Assistance

Annual Element for Fiscal Year 1985: July 1, 1984 through June 30, 1985

Proj. #	Description of Project	Replacement	Expansion	Total Project Cost	Local Funding	State Funding	Federal Funding
1.	FY85 CAMBUS operations, incl.:						
	A. Bionic paratransit service			\$ 50,000			
	B. Weekend service			30,858			
	C. All other operations			<u>659,142</u>			
	TOTAL			\$740,000	\$693,244		\$46,756 (Sec.9)
2.	10 bus shelters, incl. erection		X	30,000	7,500		22,500 (Sec.9)
3.	Bus Stop improvements			12,000	12,000		
4.	Purchase new diesel Bionic Bus, incl. radio	X		50,000	12,500		37,500 (Sec.9)
5.	Amendment to office facility/garage expansion project		X	233,607	46,721		186,886 (Sec.9)
6.	Microcomputer, incl. software		X	10,000	2,000		8,000 (Sec.9)
7.	Spare engines and transmissions (also in behalf of Coralville and Iowa City)		X	43,500	8,700		34,800 (Sec.9)

Forecast - FY86-89

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

Airport Improvements

CITY OF IOWA CITY

Forecast: Fiscal Years 1986 through 1989

Below is the five year program of projects from the Master Plan for the Iowa City Municipal Airport. As Federal funds become available certain projects will be programmed for specific years.

PHASE 1 - 0 to 5 years

<u>ITEM</u>	<u>TOTAL</u>	<u>FEDERAL</u>	<u>LOCAL</u>	<u>PRIVATE</u>
1. Rehabilitate runway 17-35	775,600	698,040	77,560	-
2. Construct taxiway to runway 35	305,300	274,770	30,530	-
3. Construct taxiway to runway 30	107,700	96,930	10,770	-
4. Install taxiway reflectors	8,600	7,740	860	-
5. Purchase clear zone easements runways 17 and 35 (39.33 acres)	39,300	35,370	3,930	-
6. Purchase land for extension of runway 6/24 (96.7 acres)	241,700	217,530	24,170	-
7. Construct segmented circle and wind cone	13,200	11,880	1,320	-
8. Terminal area improvements				
- Building rehabilitation	25,000	-	25,000	-
- Apron expansion	154,000	138,600	15,400	-
- Auto parking expansion	3,000	-	3,000	-
9. Hangar area improvements				
- Hangar taxiway construction	31,000	27,900	3,100	-
- T-Hangars (10 units)	120,000	-	-	120,000
- Unit Hangars	150,000	-	-	150,000
TOTAL PHASE I	1,974,400	1,508,760	195,640	270,000

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

CITY OF CORALVILLE
THE UNIVERSITY OF IOWA

Pedestrian and Bikeway Facility Improvements

Forecast: Fiscal Years 1986 through 1989

Proj. #	Description of Project	Year	Replacement or Expansion	Total Project Cost	Local Funding	State Funding	Federal Funding
1.	Construct sidewalk at U.S. Hwy. 6/218 between First Avenue and Clear Creek, Coralville	86	E	\$10,000	\$ 4,500	\$ 5,500	
2.	Construct pedestrian bridge over Clear Creek @ U.S. Hwy. 6/218, Coralville	87	E	200,000	50,000		\$150,000 (FAUS)
3.	Construct pedestrian bridge over I-80 @ First Avenue, Coralville	88	E	75,000	18,750		56,250 (FAUS)
4.	Extend Iowa Avenue pedestrian overpass to UI Hillcrest Dormitory bluff	NA	E	455,000		455,000 (Institutional Road Prog)	
5.	Construct pedestrian overpass from Old Law Commons to Westlawn, UI	NA	E	460,000		460,000 (Institutional Road Prog)	

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

CITY OF IOWA CITY

Pedestrian and Bikeway Facility Improvements

Forecast: Fiscal Years 1986 through 1989

Proj. #	Description of Project	Year	Replacement or Expansion	Total Project Cost	Local Funding	State Funding	Federal Funding
1.	Construct sidewalks in Creekside Neighborhood	86	E	\$ 47,000			\$47,000 (CDBG)
2.	Construct sidewalk in Mercer Park	86	E	11,500	\$11,500		
3.	Construct sidewalk in Willow Creek Park	86	E	35,500	35,500		
4.	Expand N. Dubuque St. sidewalk, Park Rd. to Mayflower Apartments	86	E	151,000	151,000		

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

CITY OF IOWA CITY

Rail Crossing Improvements

Forecast: Fiscal Years 1986 through 1989

Proj. #	Description of Project			Total Project Cost	Local Funding	State Funding	Federal Funding
1.	Rebuild CRIP crossing @ First Avenue			\$106,000	\$21,200 (20%-City) 21,200 (20%-RR)	\$63,600 (60%-Grade crossing repair fund)	

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

Street and Highway Improvements

CITY OF IOWA CITY

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Forecast: Fiscal Years 1986 through 1989

FORM 227002 3 80

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| TYPE OF CONSTRUCTION
1. RIGHT OF WAY
2. GRADE AND DRAIN
3. PAVE
4. RECONSTRUCTION
5. PAVEMENT WIDENING
6. RESURFACING
7. SHOULDER WIDENING
8. SURFACE RESTORATION
9. BRIDGE OR CULVERT ONLY
10. INTERSECTION LIGHTING
11. STREET LIGHTING
12. MISCELLANEOUS | STATE FUNCTIONAL CLASSIFICATION
04. ARTERIAL EXTENSION
05. ARTERIAL CONNECTOR EXTENSION
06. TRUNK EXT. OF
07. TRUNK RURAL
COLLECTOR SYSTEMS
10. MUNICIPAL ARTERIAL SYSTEMS
11. MUNICIPAL COLLECTOR SYSTEMS
12. MUNICIPAL SERVICE SYSTEMS |
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FY	PROJ. NO.	STREET NAME	PROJECT LIMITS		STATE FUNC. CLASS.	EXISTING SURFACE	TYPE OF CONSTR.	PROJECT LENGTH (MILES)	TOTAL ESTIMATED COST (DOLLARS)
			FROM	TO					
86	7	Burlington Street	Bridge over Iowa River		10	P.C.C.	9	0.10	1,088,000
86	8	Dubuque Street	Park Road	Iowa Avenue	10	Asphalt	4	0.70	643,750
87	9	Scott Blvd.	Court Street	Lower West Branch Road	10	rock and noneexisting	1,2,3	0.60	637,150
87	10	Dodge Street	Dubuque Road	Governor St.	10	Asphalt	1,5,6	0.40	497,000
87	11	Kirkwood Circle	Kirkwood Court	End	12	Asphalt	4	0.06	87,600

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

CITY OF IOWA CITY

Street and Highway Improvements

page 2

Forecast: Fiscal Years 1986 through 1989

FORM 220002 3-80

TYPE OF CONSTRUCTION 1. RIGHT OF WAY 2. GRADE AND DRAIN 3. PAVE 4. RECONSTRUCTION 5. PAVEMENT WIDENING 6. RESURFACING 7. SHOULDER WIDENING 8. SURFACE RESTORATION 9. BRIDGE OR CULVERT ONLY 10. INTERSECTION LIGHTING 11. STREET LIGHTING 12. MISCELLANEOUS	STATE FUNCTIONAL CLASSIFICATION 04 ARTERIAL EXTENSION 05 ARTERIAL CONNECTOR EXTENSION 06 TRUNK } EXT OF 07 TRUNK } RURAL COLLECTOR SYSTEMS 10 MUNICIPAL ARTERIAL SYSTEMS 11 MUNICIPAL COLLECTOR SYSTEMS 12 MUNICIPAL SERVICE SYSTEMS
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FY	PROJ. NO.	STREET NAME	PROJECT LIMITS		STATE FUNC. CLASS.	EXISTING SURFACE	TYPE OF CONSTR.	PROJECT LENGTH (MILES)	TOTAL ESTIMATED COST (DOLLARS)
			FROM	TO					
87	12	Dubuque Road	Dodge Street	Oakes Drive	12	P.C.C.	5,6	0.36	146,000
87	13	Melrose Avenue	West line of West High School	Freeway 512 Improvement	10	Asphalt	1,2,3	0.52	720,000
88	14	Scott Blvd.	Lower West Branch Road	Rochester Ave.	10	Gravel	1,2,3	0.35	359,350
88	15	Dodge Street	Bridge over Rock Island lines (Deck Repair)		10	P.C.C.	9.	0.10	125,000
88	16	Rohret Road	Mormon Trek Boulevard	Freeway 512 Improvements	10	Chip Seal	1,2,3	0.28	312,500
89	17	Benton Street	Bridge over Iowa River (widening)		10	Asphalt	9	0.10	1,195,000
89	18	Burlington St.	Bridge over Halston Creek (deck repair)		10	P.C.C.	9	0.01	55,000

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

CITY OF CORALVILLE
page 1

Street and Highway Improvements

Forecast: Fiscal Years 1986 through 1989

- FORM 220002 3-80
- | | |
|--|---|
| <p>TYPE OF CONSTRUCTION</p> <p>1. RIGHT OF WAY
2. GRADE AND DRAIN
3. PAVE
4. RECONSTRUCTION
5. PAVEMENT WIDENING
6. RESURFACING
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05 ARTERIAL CONNECTOR EXTENSION
06 TRUNK } EXT OF
07 TRUNK } RURAL
COLLECTOR SYSTEMS
10 MUNICIPAL ARTERIAL SYSTEMS
11 MUNICIPAL COLLECTOR SYSTEMS
12 MUNICIPAL SERVICE SYSTEMS</p> |
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FY	PROJ. NO.	STREET NAME	PROJECT LIMITS		STATE FUNC. CLASS.	EXISTING SURFACE	TYPE OF CONSTR.	PROJECT LENGTH (MILES)	TOTAL ESTIMATED COST (DOLLARS)
			FROM	TO					
85	1	5th Street	10th Avenue	20th Avenue	10	A.C.	6	0.23	105,000
86	2	Quarry Road	E. 7th Street	E. 9th Street	12	A.C.	6	.20	12,000
86	3	Various	-----	-----	12	Seal Coat	8	----	10,000
86	4	10th Street	1300' East of 25th Avenue	190' West of 10th Street Place	10	Natural Ground	2,3	0.34	120,000
87	5	Edgewater Drive	Quarry Road	7th Street	12	Seal Coat	2,3	0.61	200,000
88	6	22nd Avenue	U.S. 6/218	1,700' South of U.S. 6/218	12	Seal Coat	2,3	0.32	120,000
88	7	Various	-----	-----	Various	P.C.C.	6	----	80,000
88	8	10th Avenue Extended	8th Street	250' North of 8th Street	12	Seal Coat	2,3	0.05	20,000

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TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

CITY OF CORALVILLE

Street and Highway Improvements

page 2

Forecast: Fiscal Years 1986 through 1989

FORM 220002 3-80

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|--|---|
| <p>TYPE OF CONSTRUCTION</p> <p>1. RIGHT OF WAY
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05 ARTERIAL CONNECTOR EXTENSION
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11 MUNICIPAL COLLECTOR SYSTEMS
12 MUNICIPAL SERVICE SYSTEMS</p> |
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FY	PROJ. NO.	STREET NAME	PROJECT LIMITS		STATE FUNC. CLASS.	EXISTING SURFACE	TYPE OF CONSTR.	PROJECT LENGTH (MILES)	TOTAL ESTIMATED COST (DOLLARS)
			FROM	TO					
89	9	3rd Avenue	5th Street	400' South of 5th Street	12	Seal Coat	2,3	0.10	25,000
89	10	2nd Avenue	1st Avenue	5th- Street	12	Seal Coat	2,3	0.20	50,000
89	11	10th Street	Crandic R.R.	Summit Hills	12	Natural Ground	2,3	0.2	50,000
89	12	1st Avenue	9th Street	-----	10	P.C.C.	Traffic Signals	----	40,000

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

CITY OF UNIVERSITY HEIGHTS

Street and Highway Improvements

Forecast: Fiscal Years 1986 through 1989

<u>Year</u>	<u>Project</u>	<u>Total funding</u>	<u>Local funding</u>	<u>Federal Funding</u>
86 - 89	1. Annually: Mudjacking, various locations	\$10,000	\$10,000	
86 - 89	2. Annually: Street improvements, various locations, as needed	\$10,000	\$10,000	*

*
Improvements to Melrose Avenue and Sunset Street
will utilize FAUS funds

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

JOHNSON COUNTY

Street and Highway Improvements

Forecast: Fiscal Years 1986 through 1989

Priority Year	Previous Priority Year	Project or FAS Route Number	Location of Project	Length	Type of Work	Estimated Total Cost	Type of Funding (Local-FM)
1986	1984	SN 7561	From NW $\frac{1}{4}$ Sec. 18-78-7 Easterly to E $\frac{1}{4}$ Cor. Sec. 18-78-6 Traffic Count 153-274 vpd	6.5	GRADE, DRAIN & ROCK SURFACING	400,000	FM
1986	1986	D-24-2	Near N $\frac{1}{4}$ Cor. Sec. 24-81-8 Traffic Count 20 VPD	0.30	BRIDGE & APPR. GRADING	200,000	LOCAL
1986	1986	Q-23-1	On W. Line SW $\frac{1}{4}$ Sec. 23-78-7 Traffic Count 50 VPD	0.20	BRIDGE & APPR. GRADING	100,000	LOCAL
1987	1986	Sandy Beach FM	In NW $\frac{1}{4}$ Sec. 19-81-6 Traffic Count 129 VPD	0.57	2 RCB CULVERTS & APPR. GRADE	300,000	FM
1987	1984	G-29-1 FM	In SE $\frac{1}{4}$ Sec. 29-80-6 Traffic Count 198 VPD	0.3	BRIDGE & APPR. GRADING	150,000	BROS
1987	1987	D-16-2	On N. Line NW $\frac{1}{4}$ Sec. 16-81-8 Traffic Count 31 VPD	0.3	BRIDGE & APPR. GRADING	150,000	LOCAL
1987	1987	E-20-2	In NE $\frac{1}{4}$ Sec. 20-80-8 Traffic Count 157 VPD	0.2	BRIDGE & APPR. GRADING	150,000	LOCAL
1988	1987	RS 4913	From Co. Line IN SE $\frac{1}{4}$ Sec. 24-81-5 Westerly Approx. 4.0 Mi. Traffic Count 97-178 VPD	4.0	GRADE, DRAIN, & ROCK SURFACING	400,000	RS

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

THE UNIVERSITY OF IOWA

Street and Highway Improvements

Forecast: Fiscal Years 1986 through 1989

Board of Regents

INSTITUTIONAL ROADS PROGRAM

University of Iowa Portion

<u>Year</u>	<u>Project</u>	<u>Estimated Cost</u>
86	1. New Law Building Road	\$ 70,000
87	2. Water Plant Drive- reconstruction	175,000
87	3. North Entrance Drives, Hancher Auditorium- reconstruction	280,000
88	4. Hospital Loading Docks Road- reconstruction	75,000
88	5. Oakdale Campus Road Network- reconstruction	130,000
88-89	6. Newton Road/Glenview Avenue connector	705,000
--	7. Hawkins Drive Loan Repayment	540,000

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

IOWA DEPARTMENT OF TRANSPORTATION

Street and Highway Improvements

Forecast: Fiscal Years 1986 through 1989

<u>Project</u>	<u>Year</u>	<u>Estimated Cost</u>
1. IA 1 north of Solon Repair Mill Creek Bridge	1986	\$372,000
2. IA 22 from Washington County Line east 4.1 miles to Lone Tree (Grade and Pave)	1986	1,510,000
3. IA 382 west of Solon Remove CRI&P RR Bridge (Right of Way)	1987	7,000
(Structure Removal--Pavement Replacement)	1989	502,000

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

Transit Capital Improvements and Operating Assistance

CITY OF CORALVILLE

Forecast: Fiscal Years 1986 through 1989

Proj. #	Description of Project	Year	Replacement or Expansion	Total Project Cost	Local Funding	State Funding	Federal Funding
1.	Transit Operations	86		\$548,212	\$469,269	\$45,502	\$33,441
2.	Transit Operations	87		575,623	492,733	47,777	35,113
3.	Transit Operations	88		604,404	517,369	50,166	36,869
4.	Transit Operations	89		634,624	543,238	52,674	38,712
5.	Purchase 5 transit coaches	89	R	990,000	198,000		792,000

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

IOWA CITY TRANSIT

Transit Capital Improvements and Operating Assistance

Forecast: Fiscal Years 1986 through 1989

Proj. #	Description of Project	Year	Replacement or Expansion	Total Project Cost	Local Funding	State Funding	Federal Funding
1.	Transit Operations	86		\$1,948,671	\$1,693,395	\$ 134,458	\$ 120,818
2.	Transit Operations	87		2,046,104	1,778,065	141,181	126,858
3.	Transit Operations	88		2,148,410	1,866,969	148,240	133,201
4.	Transit Operations	89		2,255,830	1,960,317	155,652	139,861
5.	Remanufacture 6 buses	86	R	425,000	85,000		340,000
6.	Purchase 2 buses	87	R	320,000	64,000		256,000
7.	Purchase 2 buses	88	R	320,000	64,000		256,000
8.	Purchase 3 buses	89	R	495,000	99,000		396,000

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

Johnson County SEATS

Transit Capital Improvements and Operating Assistance

Forecast: Fiscal Years 1986 through 1989

Proj. #	Description of Project	Year	Replacement or Expansion	Total Project Cost	Local Funding	State Funding	Federal Funding
	Forecast information for Johnson County SEATS is contained in the FY85-89 Transit Development Plan Update produced by the East Central Iowa Council of Governments.						

TRANSPORTATION IMPROVEMENT PROGRAM
for the
IOWA CITY URBANIZED AREA

UNIVERSITY OF IOWA CAMBUS

Transit Capital Improvements and Operating Assistance

Forecast: Fiscal Years 1986 through 1989

Proj. #	Description of Project	Year	Replacement or Expansion	Total Project Cost	Local Funding	State Funding	Federal Funding
1.	Transit Operations	86		\$ 808,808	\$ 735,207	\$ 24,264	\$ 49,337
2.	Transit Operations	87		849,248	771,967	25,477	51,804
3.	Transit Operations	88		891,710	810,565	26,751	54,394
4.	Transit Operations	89		936,296	851,093	28,089	57,114
5.	Purchase diesel paratransit vehicle	86	R	42,500	8,500		34,000
6.	Purchase 5 bus shelters	86	E	16,000	3,200		12,800
7.	Purchase 12 new buses	89	R	2,380,800	476,160		1,904,640

IOWA DOT LIBRARY



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