

MEMORANDUM

To: Board of Regents
From: Board Office
Subject: Five-Year Institutional Roads Program
Date: July 8, 2002

Recommended Actions:

1. Approve the recommended Five-Year Institutional Roads Program with capital projects totaling \$8,000,000 for calendar years 2003 through 2007, including projects totaling \$1,600,000 for 2003.
 2. Receive the list of identified, unfunded Institutional Roads needs at the Regent institutions totaling \$30,630,801.
-

Executive Summary:

Background	<p>Funds for improvements and maintenance of the roads and streets at the Regent institutions and other State agencies are provided by the State Parks and Institutional Roads Program of the Iowa Department of Transportation.</p> <p>Currently, 65/100 of one percent of the Road Use Tax Fund is allocated to the Program; the Regent institutions currently receive 31.5 percent of the Program funding.</p> <p>Each year, the Board is asked to approve the distribution of the Regent allocation for the period beginning January 1 of the next calendar year.</p>
Calendar Year 2003	<p>The total estimated program funding available to the Regent institutions for calendar year 2003 is \$2,050,000.</p> <p>The total funding is allocated among two components: general and routine maintenance and repairs (minor street patching and snow plowing), and capital improvement and reconstruction projects.</p> <ul style="list-style-type: none"> • The estimated funds needed for maintenance and repairs are set aside before funds are programmed for capital improvement and reconstruction projects.

Of the total funding of \$2,050,000 for calendar year 2003, the proposed allocation includes \$450,000 for maintenance and repairs; this leaves a balance of \$1,600,000 for capital improvement and reconstruction projects.

Total Calendar Year 2003 Funding	\$ 2,050,000
Less Maintenance/Repair Estimate	<u>- 450,000</u>
Balance for Capital Improvements/Reconstruction	\$ 1,600,000

Five-Year
Program
2003 – 2007

Calendar year 2003 is the first year of the Five-Year Institutional Roads Program (2003 – 2007), which includes capital projects totaling \$8,000,000. (See Attachment A.)

The projects included in the Five-Year Program represent the most urgent road resurfacing, reconstruction and improvement needs of the institutions.

- Many of the projects have been identified for several years and are needed to preserve and improve the street systems at the institutions.

The institutions have also identified unmet needs totaling \$30,630,801; these unmet needs are not included in the current Five-Year Program. (See Attachment B.)

Background and Analysis:

Comparison with
Calendar Year
2002

The initial program funding of \$2,050,000 is identical for calendar years 2002 and 2003.

However, the available balance programmed for capital improvement and reconstruction projects in calendar year 2003 has decreased \$100,000 from the previous year (from \$1,700,000 to \$1,600,000).

- The decrease is the result of higher cost estimates for general and routine maintenance (which increased \$21,000 from \$429,000 to \$450,000).
- In addition, the calendar year 2002 funds were augmented by an additional \$79,000, which represented available funds from a previous year when revenues exceeded estimates.

The following table compares the proposed calendar year 2003 allocation with the approved calendar year 2002 allocation.

	<u>2002</u>	<u>2003</u>	<u>Change</u>
Total Funding for Calendar Year	\$ 2,050,000	\$ 2,050,000	
Less Maintenance/Repairs Estimate	<u>- 429,000</u>	<u>- 450,000</u>	\$ -21,000
Balance for Capital Projects	\$ 1,621,000	\$1,600,000	
Plus Additional Revenue	<u>79,000</u>	<u>0</u>	<u>-79,000</u>
Total Available for Capital Improvements/Reconstruction	<u>\$ 1,700,000</u>	<u>\$ 1,600,000</u>	\$ -100,000

Distribution of
Funds

Funds for maintenance/repairs are not allocated among institutions, but are based on costs incurred.

The proposed distribution of the allocation for capital projects in calendar year 2003 is as follows:

University of Iowa	\$ 614,000
Iowa State University	614,000
University of Northern Iowa	307,000
Iowa School for the Deaf	<u>65,000</u>
Total	\$ 1,600,000

Project
Summaries

Summaries of the calendar year 2003 projects follow:

University of Iowa

Continuation of funding and/or construction for:

- Highway 6 Pedestrian Overpass;
- Newton Road Relocation on the Health Sciences Campus;
- Roadway to serve the Hawkeye Athletic/Recreation Facilities Complex on the far west campus; and
- Reconstruction and expansion of Mormon Trek Boulevard near the site of the Hawkeye Athletic/Recreation Facilities Complex.

Iowa State University

Reconstruction and realignment of the intersection of Union Drive and Knoll Road, located near the site of the Gerdin Business Building to correct deteriorating roadway conditions and to improve circulation.

Relocation of Winlock Road in the north area of campus to accommodate construction of the North Campus Chilled Water Plant.

University of Northern Iowa

Paving of 31st Street west of Kansas Street, in the southwest campus area, to improve access to the west campus.

Reconstruction of Missouri Street near McCollum Science Hall to facilitate access to the central campus area. (This project will be coordinated with construction of the McCollum Science Hall Addition.)

Iowa School for the Deaf

Reconstruction of a deteriorated portion of Bell Drive on the east side of campus, with construction of pull-off lanes on each side of the roadway to provide a safe area for loading and unloading children.

Five-Year Program
2003 - 2007

The proposed distribution of funds for capital projects in the Five-Year Institutional Roads Program is as follows:

University of Iowa	\$ 3,148,000
Iowa State University	3,148,000
University of Northern Iowa	1,574,000
Iowa School for the Deaf	<u>130,000</u>
Total	\$ 8,000,000

Descriptions of the projects and campus maps indicating their location are in the Regent Exhibit Book.


Sheila Lodge

Approved: 
Gregory S. Nichols

Board of Regents, State of Iowa
 Five-Year Institutional Roads Program
 Calendar Years 2003 - 2007

	2003	2004	2005	2006	2007	Total	Unmet Needs
SUI							
Improvement	\$ 321,000	\$ 110,149	\$ 226,400	\$ 212,851	\$ -	\$ 870,400	
Newton Road Relocation	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000	
Improvement Total	\$ 471,000	\$ 110,149	\$ 226,400	\$ 212,851	\$ -	\$ 1,020,400	
Reconstruction	\$ 68,000	\$ 150,000	\$ 272,451	\$ 297,149	\$ 590,000	\$ 1,377,600	
Mormon Trek Roadway Improvements	\$ 25,000	\$ 303,851	\$ 91,149	\$ 80,000	\$ -	\$ 500,000	
Hawkeye Athletic/Rec Facilities Complex Road	\$ 93,000	\$ 453,851	\$ 363,600	\$ 377,149	\$ 590,000	\$ 1,877,600	
Reconstruction Total	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000	
Repair	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000	
Special Maintenance	\$ 614,000	\$ 614,000	\$ 640,000	\$ 640,000	\$ 640,000	\$ 3,148,000	
Repair Total	\$ 254,000	\$ 271,000	\$ 270,000	\$ 185,000	\$ -	\$ 980,000	
SUI Total	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000	
ISU							
Improvement	\$ 100,000	\$ 35,000	\$ 183,000	\$ 174,000	\$ 120,000	\$ 477,000	
Union Drive/Knoll Road Reconstruction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Winlock Road Relocation	\$ 454,000	\$ 406,000	\$ 453,000	\$ 359,000	\$ 160,000	\$ 1,832,000	
Stange Road—Install Storm Sewer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Knoll Road Service Court	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Bissell Road/Kooster Drive	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Improvement Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reconstruction	\$ 50,000	\$ 148,000	\$ 47,000	\$ 50,000	\$ 50,000	\$ 245,000	
Morrill Road Reconstruction	\$ 40,000	\$ 50,000	\$ 50,000	\$ 10,000	\$ 10,000	\$ 240,000	
Reconstruction Total	\$ 40,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000	
Repair	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000	
13th Street Overlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Annual Special Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Pavement Management	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Wallace Road Narrowing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Marston Court Curb Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Blankenburg Drive Overlay	\$ -	\$ -	\$ 55,000	\$ -	\$ -	\$ 55,000	
Schoil Road—Reconstruct Railroad Crossing	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ 25,000	
Knoll Road Overlay	\$ -	\$ -	\$ -	\$ -	\$ 74,000	\$ 74,000	
Schoil Road Patch/Seal	\$ -	\$ -	\$ -	\$ -	\$ 42,000	\$ 42,000	
Pammel Drive Street Lighting Improvement	\$ 160,000	\$ 208,000	\$ 187,000	\$ 207,000	\$ 165,000	\$ 927,000	
Repair Total	\$ 614,000	\$ 614,000	\$ 640,000	\$ 640,000	\$ 640,000	\$ 3,148,000	
ISU Total	\$ 192,000	\$ 85,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 192,000	
UNI							
Reconstruction	\$ 307,000	\$ 307,000	\$ 320,000	\$ 320,000	\$ 320,000	\$ 1,574,000	
31st Street Paving (West of Kansas Street)	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ 85,000	
Missouri St. (Glichrist Drive North)	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000	
Glichrist Drive	\$ -	\$ 232,000	\$ -	\$ -	\$ -	\$ 232,000	
27th St. Reconstruction (Hudson Rd to Ohio St.)	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ 45,000	
Campus Street (University Ave. to Visitor Information Center)	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000	
Indiana Street (South of 23rd Street)	\$ -	\$ -	\$ 205,000	\$ -	\$ -	\$ 205,000	
Nebraska Street Reconfiguration	\$ -	\$ -	\$ 115,000	\$ -	\$ -	\$ 115,000	
Price Laboratory Drive	\$ -	\$ -	\$ -	\$ 180,000	\$ -	\$ 180,000	
22nd Street Extension	\$ -	\$ -	\$ -	\$ 85,000	\$ -	\$ 85,000	
Campus Street (South of University Avenue)	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ 55,000	
UNI-Dome Drive North	\$ -	\$ -	\$ -	\$ -	\$ 292,000	\$ 292,000	
South Campus Drive East	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ 28,000	
Science Drive	\$ -	\$ -	\$ -	\$ -	\$ 320,000	\$ 320,000	
Reconstruction Total	\$ 307,000	\$ 307,000	\$ 320,000	\$ 320,000	\$ 320,000	\$ 1,574,000	
UNI Total	\$ 307,000	\$ 307,000	\$ 320,000	\$ 320,000	\$ 320,000	\$ 1,574,000	
ISD							
Reconstruction	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 330,000	
Special Maintenance	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 330,000	
Reconstruction Total	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 330,000	
ISD Total	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 330,000	
Grand Total	\$ 1,600,000	\$ 1,600,000	\$ 1,600,000	\$ 1,600,000	\$ 1,600,000	\$ 8,000,000	\$ 77,400

Board of Regents, State of Iowa
Institutional Roads Unmet NeedsUniversity of Iowa

Oakdale Campus Road System Reconstruction	\$	732,000
Oakdale Campus Road System Improvement		850,000
Iowa Avenue—Overpass Extension		310,000
Hawkeye Court Entrance Drive		110,000
Iowa Memorial Union South Entrance Drive		150,000
Nursing Building Entrance Drive		125,000
Mormon Trek Roadway Improvements		77,400
Lake McBride Roadway System		300,000
Art Building Drive		200,000
Total	\$	2,854,400

Iowa State University

Morrill Road Reconstruction	\$	323,000
Bissell Road/Koosier Drive Extension/Realignment		580,000
State Avenue Reconstruction		575,000
Scholl Road Reconstruction		780,000
Maintenance/Resurfacing		759,000
Mortenson Rd East Reconstruction		750,000
Stange Road/13th Street Turn Lanes		1,500,000
13th Street/Stange Road Signal Replacement		50,000
Bissell Road Reconstruction		445,000
Elwood Drive Extension		2,900,000
Welch Avenue/Union Drive/Knoll Road Reconstruction		720,000
Applied Sciences Building New Roadway		280,000
Stange Road Turnaround Realignment		259,560
Hayward Avenue Reconstruction		659,200
Stange Road Reconstruction		1,893,140
Thirteenth Street Reconstruction		3,185,000
Pammel Drive Reconstruction		2,060,000
State Street Paving		1,112,400
Wallace Road Reconstruction		588,130
Christiansen Drive Street Lighting Upgrades		320,190
Zumwalt Paving		615,000
Total	\$	20,354,620

University of Northern Iowa

Repayment for South Campus Drive East	\$	271,000
Industrial Technology Center Drive West		180,000
South Campus Boulevard		468,000
Campus Street (South of ITC Drive West)		280,800
Industrial Technology Center Drive (Jenning Drive West)		69,222
Colorado Street		450,000
Nebraska Street Widening from UNI-Dome to 27th Street		235,096
Kansas Street Extension from 27th Street to North of 30th Street		202,476
Nebraska Street Widening to Four Lanes 27th to 31st Streets		282,341
South Campus Drive A		520,000
West Campus Drive A		360,000
West Campus Drive B		743,000
Observatory Drive		226,000
Illinois Street		241,846
South Campus Drive B		520,000
South Campus Drive C		90,000
South Campus Drive D		610,000
South Campus Loop A		203,000
South Campus Loop B		340,000
South Campus Loop C		113,000
South Campus Loop D		315,000
Laverne Lane		135,000
Wyoming Street		293,000
UNI-Dome-South Loop Drive		273,000
Total	\$	7,421,781

Grand Total	\$	30,630,801
-------------	----	------------