

IOWA DEPARTMENT OF TRANSPORTATION  
OFFICE OF CONTRACTS LETTING SUMMARY  
July 1, 2004 thru June 30, 2005

Twelve regularly scheduled lettings and five emergency/special lettings were held by the Iowa Department of Transportation for construction and maintenance work during the period covered by this report. At these lettings, projects totaling \$628,037,752 were approved. Projects approved for award totaled:

**CONSTRUCTION LETTINGS**

**Primary Highway System**

Bridge & Culvert Projects	44	\$	22,820,873
Road Projects	<u>172</u>	\$	<u>206,597,489</u>
	216	\$	229,418,362

**Interstate Highway System**

Bridge & Culvert Projects	42	\$	54,262,600
Road Projects	<u>73</u>	\$	<u>118,692,053</u>
	115	\$	172,954,653

**State Park & Institutional Roads**

Bridge & Culvert Projects	0	\$	-
Road Projects	<u>1</u>	\$	<u>240,870</u>
	1	\$	240,870

**Farm to Market System**

Bridge & Culvert Projects	103	\$	35,001,651
Road Projects	<u>153</u>	\$	<u>103,269,608</u>
	256	\$	138,271,259

**Local Secondary System**

Bridge & Culvert Projects	57	\$	15,934,043
Road Projects	<u>17</u>	\$	<u>5,249,486</u>
	74	\$	21,183,529

**Urban System**

Bridge & Culvert Projects	11	\$	8,718,308
Road Projects	<u>34</u>	\$	<u>34,774,978</u>
	45	\$	43,493,286

**Enhancement Contracts**

Bridge & Culvert Projects	3	\$	3,165,908
Road Projects	<u>17</u>	\$	<u>5,292,936</u>
	20	\$	8,458,844

**Airports**

Bridge & Culvert Projects	0	\$	-
Road Projects	<u>2</u>	\$	<u>189,891</u>
	2	\$	189,891

**CONSTRUCTION TOTAL**

729      \$      614,210,694

**MAINTENANCE LETTINGS**

Bridge & Culvert Projects	9	\$	929,370
Road Projects	<u>126</u>	\$	<u>12,897,689</u>
	135	\$	13,827,059

**CONSTRUCTION & MAINTENANCE TOTAL**

864      \$      628,037,753

**PRIMARY ROAD SYSTEM**

Type of Work	Total Dollars
Asphalt Concrete Pavement	\$ 12,866,958
Asphalt Concrete Resurfacing	\$ 62,548,595
Bridge Repair	\$ 3,898,487
Bridges and Culverts	\$ 18,922,386
Grading	\$ 30,310,892
Miscellaneous	\$ 12,990,324
PC Widening with AC Resurfacing	\$ 436,321
Pavement Repair	\$ 472,822
Portland Cement Concrete Pavement	\$ 86,971,575
	\$ 229,418,362

**INTERSTATE ROAD SYSTEM**

Type of Work	Total Dollars
Asphalt Concrete Pavement	\$ 10,242,492
Asphalt Concrete Resurfacing	\$ 31,707,015
Bridge Painting	\$ 1,779,950
Bridge Repair	\$ 5,633,135
Bridges and Culverts	\$ 46,849,515
Flexible Base & Bitum Surfacing	\$ -
Grading	\$ 3,976,823
Miscellaneous	\$ 11,208,712
Pavement Repair	\$ 5,191,086
Portland Cement Concrete Pavement	\$ 56,365,924
	\$ 172,954,653

**STATE PARK & INSTITUTIONAL ROAD SYSTEM**

Type of Work	Total Dollars
Miscellaneous	\$ -
Portland Cement Concrete Pavement	\$ 240,870
	\$ 240,870

**FARM TO MARKET ROAD SYSTEM**

Type of Work	Total Dollars
Asphalt Concrete Pavement	\$ 4,604,558
Asphalt Concrete Resurfacing	\$ 63,122,478
Bridge Repair	\$ 7,852,327
Bridges and Culverts	\$ 27,149,324
Flexible Base & Bitum. Surfacing	\$ 849,269
Grading	\$ 4,285,259
Miscellaneous	\$ 2,844,211
Pavement Repair	\$ 831,930
Portland Cement Concrete Pavement	\$ 26,601,331
Surfacing	\$ 130,573
	\$ 138,271,259

### LOCAL SECONDARY ROAD SYSTEM

Type of Work	Total Dollars
Asphalt Concrete Pavement	\$ 722,309
Asphalt Concrete Resurfacing	\$ 3,598,422
Bridge Repair	\$ 3,174,923
Bridges and Culverts	\$ 12,759,120
Miscellaneous	\$ 192,828
Grading	\$ -
Portland Cement Concrete Pavement	\$ <u>735,927</u>
	\$ 21,183,529

### URBAN ROAD SYSTEM

Type of Work	Total Dollars
Asphalt Concrete Pavement	\$ 1,285,233
Asphalt Concrete Resurfacing	\$ 3,072,950
Bridge Repair	\$ 2,945,016
Bridges and Culverts	\$ 5,773,293
Building Repair / Replacement	\$ 2,263,627
Miscellaneous	\$ 405,493
Pavement Repair	\$ 872,667
Portland Cement Concrete Pavement	\$ <u>26,875,009</u>
	\$ 43,493,286

### ENHANCEMENT CONTRACTS

Type of Work	Total Dollars
Asphalt Concrete Resurfacing	\$ -
Bridge Repair	\$ 2,118,575
Bridges and Culverts	\$ 1,047,333
Building Repair / Replacement	\$ -
Miscellaneous	\$ 5,292,936
Portland Cement Concrete Pavement	\$ <u>-</u>
	\$ 8,458,844

### AIRPORTS

Type of Work	Total Dollars
Miscellaneous	\$ <u>189,891</u>
	\$ 189,891

### MAINTENANCE CONTRACTS

Type of Work	Total Dollars
Asphalt Concrete Pavement	\$ -
Asphalt Concrete Resurfacing	\$ 5,037,678
Bridge Painting	\$ 821,425
Bridge Repair	\$ 107,945
Flexible Base & Bitum. Surfacing	\$ 562,066
Miscellaneous	\$ 1,465,010
Pavement Repair	\$ <u>5,832,934</u>
	\$ 13,827,059

The following is a comparison of quantities and average unit contract prices for various items of highway construction work for projects let in fiscal years 2002, 2003, 2004 and 2005.

<u>Road Work</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
Asphalt Cement (tons)	137,600	174,036	191,727	205,529
Asphalt Base Course (SEE NOTE)	650,790	663,021	794,084	693,404
Asphalt Surface Course (SEE NOTE)	478,056	797,334	867,390	797,282
Asphalt Intermediate Course(SEE NOTE)	660,139	1,424,933	1,575,970	1,808,250
Crushed Stone Surfacing (tons)	200,773	110,367	151,558	116,550
Embankment (cubic yards)	1,345,892*	1,089,899	220,985	159,864
Grading (cubic yards)	28,426,760	13,227,670	16,616,183	16,442,724
Portland Cement Concrete (square yards)	3,602,559	2,535,705	2,451,595	2,774,437

**NOTE ---> AC Items were changed during FY 2002 and several items could fit into base, or intermediate or surface. However, only one category was selected per item.**

<u>Bridge &amp; Culvert Work</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
Class 20 Excavation (cubic yards)	106,536	190,649	304,372	179,172
Class 21 Excavation (cubic yards)	7,529	9,565	8,270	8,688
Reinforcing Steel (pounds)	16,106,437	24,607,450	33,324,111	21,425,137
Steel Bearing Pile, Furnish (linear foot)	231,780	275,928	392,858	422,774
Structural Concrete (cubic yards)	61,380	97,138	93,868	94,370
Structural Steel (pounds)	8,280,800	10,950,159	11,283,910	12,069,786

<u>Road Work</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
Asphalt Cement (per ton)	\$ 186.26	\$ 203.79	\$ 190.59	\$ 204.88
Asphalt Base Course (SEE NOTE)	\$ 17.42	\$ 20.21	\$ 18.82	\$ 22.97
Asphalt Surface Course (SEE NOTE)	\$ 18.14	\$ 23.22	\$ 20.62	\$ 25.80
Asphalt Intermediate Course(SEE NOTE)	\$ 19.02	\$ 18.83	\$ 18.61	\$ 21.72
Crushed Stone Surfacing (per ton)	\$ 10.77	\$ 10.54	\$ 10.88	\$ 10.65
Embankment (per cubic yard)	\$ 3.87	\$ 2.69	\$ 4.97	\$ 7.64
Grading (per cubic yard)	\$ 1.83	\$ 1.91	\$ 1.83	\$ 1.95
Portland Cement Concrete (per square yard)	\$ 23.46	\$ 24.94	\$ 23.91	\$ 25.85

**NOTE ---> AC Items were changed during FY 2002 and several items could fit into base, or intermediate or surface. However, only one category was selected per item.**

<u>Bridge &amp; Culvert Work</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>
Class 20 Excavation (per cubic yard)	\$ 11.54	\$ 9.38	\$ 6.95	\$ 8.63
Class 21 Excavation (per cubic yard)	\$ 87.52	\$ 101.25	\$ 85.75	\$ 93.64
Reinforcing Steel (per pound)	\$ 0.50	\$ 0.53	\$ 0.46	\$ 0.71
Steel Bearing Pile, Furnish (per linear foot)	\$ 16.37	\$ 16.31	\$ 18.28	\$ 19.57
Structural Concrete (per cubic yard)	\$ 277.76	\$ 292.62	\$ 298.01	\$ 332.19
Structural Steel (per pound)	\$ 1.01	\$ 1.14	\$ 0.95	\$ 1.20

PROJECTS LET BY THE IOWA DEPARTMENT OF TRANSPORTATION

State Fiscal Year	Primary Roads	Interstate Roads	State Park & Inst Roads	Farm to Market Roads	Urban Roads	Local Secondary Roads	Maintenance	Airports	Enhancements	Buildings & Grounds	Total
1946	\$8,638,518			\$2,327,213							\$10,965,731
1947	\$8,433,921			\$4,817,434							\$13,251,355
1948	\$12,759,517			\$5,969,006							\$18,728,523
1949	\$11,548,335			\$11,272,021							\$22,820,356
1950	\$16,041,926			\$15,610,947							\$31,652,873
1951	\$28,085,176			\$20,912,134							\$48,997,310
1952	\$28,642,719			\$18,526,720							\$47,169,439
1953	\$11,352,669			\$12,775,514							\$24,128,183
1954	\$30,286,342			\$11,736,049							\$42,022,391
1955	\$29,980,893			\$14,841,613							\$44,822,506
1956	\$58,686,572			\$17,105,685							\$75,792,257
1957	\$37,430,070	\$13,466,527		\$19,892,686							\$70,789,283
1958	\$27,766,905	\$26,482,571		\$24,208,133							\$78,457,609
1959	\$43,555,001	\$49,541,430		\$26,923,934							\$120,020,365
1960	\$29,872,809	\$18,833,449		\$21,908,904							\$70,615,162
1961	\$40,075,988	\$11,048,875		\$21,427,446							\$72,552,309
1962	\$22,417,356	\$19,496,718	\$360,102	\$19,799,193							\$62,073,369
1963	\$30,350,268	\$21,551,555	\$939,128	\$24,366,536							\$77,207,487
1964	\$43,187,627	\$35,842,586	\$303,427	\$22,721,379							\$102,055,019
1965	\$25,171,981	\$31,077,641	\$121,607	\$21,730,757							\$78,101,986
1966	\$38,449,469	\$57,713,524	\$868,416	\$23,740,849							\$120,772,258
1967	\$47,508,850	\$52,000,456	\$485,418	\$26,354,688							\$126,349,412
1968	\$33,889,647	\$31,241,967	\$1,088,633	\$25,657,852							\$91,878,099
1969	\$37,199,320	\$43,705,879	\$1,141,888	\$27,332,571							\$109,379,658
1970	\$54,797,876	\$47,081,770	\$629,922	\$26,248,893							\$128,758,461
1971	\$71,516,579	\$44,568,497	\$921,445	\$30,401,418							\$147,407,939
1972	\$77,174,848	\$30,055,936	\$834,473	\$28,922,870							\$136,988,127
1973	\$56,389,721	\$20,572,545	\$727,417	\$29,055,532							\$106,745,215
1974	\$73,583,054	\$51,466,725	\$1,355,569	\$32,305,557							\$158,710,905
1975	\$93,693,469	\$28,921,888	\$839,234	\$38,643,382							\$162,097,973
1976	\$74,349,436	\$24,923,643	\$655,277	\$31,019,921							\$130,948,277
1977	\$99,076,327	\$43,357,379	\$679,271	\$33,989,926							\$177,102,903
1978	\$121,110,115	\$15,007,379	\$805,732	\$45,051,623	\$7,561,191	\$8,137,119					\$197,673,159
1979	\$105,277,146	\$54,518,440	\$1,437,092	\$47,287,367	\$15,084,603	\$10,172,861					\$233,777,509
1980	\$75,739,584	\$20,875,799	\$1,873,688	\$49,772,220	\$12,225,747	\$7,615,775					\$168,102,813
1981	\$74,174,384	\$33,638,590	\$2,011,011	\$64,563,285	\$8,394,854	\$6,637,044					\$189,457,800
1982	\$73,162,427	\$51,858,856	\$968,299	\$48,909,611	\$8,600,326	\$6,851,025			\$38,632		\$190,350,544
1983	\$118,742,694	\$68,773,027	\$1,572,331	\$67,221,855	\$9,553,711	\$8,805,302	\$12,690,690				\$277,359,610
1984	\$146,252,049	\$48,725,646	\$781,825	\$72,355,028	\$9,763,785	\$16,677,388	\$14,930,039				\$309,485,760
1985	\$156,796,567	\$46,457,144	\$2,280,999	\$75,107,808	\$13,845,619	\$15,907,143	\$17,871,597				\$328,266,877
1986	\$118,269,858	\$38,369,654	\$1,520,499	\$68,649,970	\$30,283,669	\$10,075,959	\$17,490,871				\$284,660,520
1987	\$113,760,057	\$38,270,973	\$1,657,830	\$61,980,219	\$13,580,926	\$9,039,398	\$19,909,104				\$258,198,507
1988	\$127,297,886	\$83,273,906	\$1,929,253	\$53,092,146	\$30,387,970	\$9,747,609	\$18,089,004				\$323,817,774
1989	\$166,391,520	\$44,106,075	\$2,451,395	\$61,337,123	\$15,460,131	\$11,619,343	\$19,853,929				\$321,219,516



**NUMBER OF PROJECTS LET BY THE IOWA DEPARTMENT OF TRANSPORTATION**

State Fiscal Year	Primary Roads	Interstate Roads	State Park & Inst. Roads	Farm to Market Roads	Urban Roads	Local Secondary Roads	Maintenance	Airports	Enhancements	Buildings & Grounds	Total
1985	333	106	14	390	42	157	854	0	0	0	1896
1986	270	71	11	343	72	87	882	0	0	0	1736
1987	304	57	18	294	27	76	815	0	0	0	1591
1988	283	68	18	252	36	83	668	0	0	0	1408
1989	324	77	22	260	29	99	863	0	0	0	1674
1990	292	79	13	227	18	81	761	0	0	0	1471
1991	296	83	20	264	37	88	713	0	0	0	1501
1992	305	79	16	249	26	93	582	0	0	0	1350
1993	265	70	15	296	21	81	736	0	0	0	1484
1994	329	90	10	167	35	62	689	0	0	0	1382
1995	303	54	10	183	40	65	573	2	4	1	1235
1996	239	52	4	171	29	59	518	1	20	0	1093
1997	282	59	6	197	28	86	265	1	33	1	958
1998	267	52	3	230	40	55	154	1	47	0	849
1999	276	86	5	192	34	59	128	1	23	0	804
2000	325	74	15	247	34	60	123	1	24	0	903
2001	319	57	11	195	38	62	78	1	20	0	781
2002	335	73	12	184	32	68	114	0	35	0	853
2003	200	97	7	233	47	74	145	0	41	0	844
2004	206	114	4	243	53	95	111	0	28	0	854
2005	216	115	1	256	45	74	135	2	20	0	864

**NUMBER OF CONTRACTS LET BY THE IOWA DEPARTMENT OF TRANSPORTATION**

State Fiscal Year	Primary Roads	Interstate Roads	State Park & Inst. Roads	Farm to Market Roads	Urban Roads	Local Secondary Roads	Maintenance	Airports	Enhancements	Buildings & Grounds	Total
1994	311	85	10	144	33	41	666	0	0	0	1290
1995	276	50	9	150	40	42	556	2	2	1	1128
1996	224	45	4	137	25	42	483	1	18	0	979
1997	259	53	6	151	28	63	207	1	33	0	801
1998	231	46	3	173	33	37	96	1	44	0	664
1999	245	72	5	129	29	44	74	1	20	0	619
2000	300	61	15	168	30	43	77	1	22	0	717
2001	288	50	11	148	37	42	50	1	19	0	646
2002	268	61	11	144	32	45	110	0	31	0	702
2003	174	76	7	173	39	60	87	0	37	0	653
2004	175	66	4	185	47	78	50	0	27	0	632
2005	171	66	0	190	44	59	67	2	17	0	616