
CAPITAL WORKS PROGRAM

2001-02

Budget Paper No. 4

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INTRODUCTION

Budget Paper No.4 presents information about Northern Territory public sector construction activity. Details of the 2001-02 Capital Works Program for each agency are provided, including both new works and the estimated works in progress to be carried over from 2000-01 into 2001-02. The totals for each agency correspond with those in the summary tables on pages 5 to 7.

The Capital Works Program for 2001-02 totals \$363.6 million, with \$97.9 million of this representing new works. The Capital Works cash allocation is \$192.6 million, an increase of \$8.8 million from 2000-01.

Planned committal target dates and estimated expenditure in 2001-02 for new capital works projects expected to cost \$1 million and over are at pages 53 to 56. These represent current intentions and are indicative only.

FUTURE OUTLOOK AND PRIVATE SECTOR CONSTRUCTION ACTIVITY

Not included in this document are items that are expected to be on the 2002-03 Capital Works Program and for which planning and design work is likely to commence in 2001-02. However, given their likely magnitude, it is warranted that they are mentioned.

The bulk of the items not yet on the Capital Works program relate to the infrastructure requirements for gas onshore and also to support the land bridge. These projects include:

- headworks for the industrial area at Middle Arm, including power and water supply and access to the Liquefied Natural Gas (LNG) site (\$20 million);

- multi-user and general purpose marine and associated infrastructure (\$20 million);
- construction of additional facilities at East Arm Port to cater for shipping requirements for the Middle Arm industrial area (\$35 million);
- completion of the wharf extension and bulk liquids berth (\$9 million); and
- construction of oil pipelines at East Arm Port (\$3 million).

In addition to the Government works program, there are a number of major private sector construction projects, some of which have commenced as a result of Government initiatives. The most significant of these is the construction of the Alice Springs to Darwin railway at an estimated cost of \$1.3 billion, which includes the Territory's contribution of \$165 million.

The Alice Springs Convention Centre, at \$8.5 million, is largely Government funded and is likely to result in expanded hotel facilities. The Mitchell Plaza development (\$50 million) is much bigger than it otherwise would have been if the Central Darwin Police facilities were not incorporated.

In addition to these Government supported projects, a number of other private sector construction projects have been announced for 2001-02, which are expected to total around \$200 million.

EXPLANATORY TERMS

CAPITAL WORKS

Capital works are defined as all building and engineering works, as well as facilities associated with and forming an integral part of those works. They include the fit-out component of premises leased from the private sector such as partitioning. Excluded are repairs and maintenance and expenditure on computers, plant, equipment and fittings.

NEW WORKS

New works are those projects which are approved to start in the 2001-02 financial year. They are shown individually for projects over \$150 000 (Major New Works) and in aggregate for projects of less than \$150 000. Projects with a value of less than \$150 000 are categorised as Minor New Works.

REVOTED WORKS

The revoke is the value of programmed works which has been carried forward into 2001-02.

As construction of larger projects will often span more than one year, the works which are not completed at the end of the financial year are revoked out of that year and revoked into the following year. These incomplete portions of the projects are referred to as revoke items and are distinct from new works, which are introduced to the Capital Works Program in the new Budget year.

PROGRAM DELIVERY

Program Delivery consists of the indirect costs associated with building and engineering works. These costs are for the procurement of project management, development and design services provided by the Construction Division or private consultants. Where these costs have not been able to be separately identified, they are included with Major New Works expenditure.

ESTIMATED EXPENDITURE

Estimated expenditure refers to the Budget allocation for capital works in a given Budget year. This cash allocation is less than the Capital Works Program itself because construction of the whole program is never achieved in one year.

Figures provided are the best available assessments by construction agencies of the likely levels of expenditure that will be incurred on projects in this Budget year. Due to matters such as the nature of project planning and construction, market conditions and variation in requirements, such expenditures are likely to change. Individual estimates are provided for new works estimated to cost \$1 million and over.

CONSTRUCTION DIVISION

The Construction Division acts as project manager in the construction of capital works items on behalf of client Northern Territory Government agencies, such as Northern Territory Police, Fire and Emergency Services and the Department of Education. Funds are allocated directly to the Department of Transport and Works, which contracts with the Construction Division to undertake these works for client agencies.

OWN CONSTRUCTION AGENCIES

Some agencies manage their own capital works construction, such as the Power and Water Authority and Territory Housing: Business Services. Funds are allocated directly to these agencies for construction purposes.

COMMITTAL TARGET DATE

The committal target date gives an indication to the construction industry of the likely date a project will be committed and contracts issued. However, it should be noted that this is subject to change and is the best assessment construction agencies are able to provide at this time.

SUMMARY TABLES

It is important to note that, in understanding the summary and detailed agency pages, the Northern Territory Employment and Training Authority and the Department of Transport and Works are both Own Construction Agencies and, at the same time, have projects that are the responsibility of the Construction Division. As such, project totals will feature under both headings on the summary tables (that is, Own Construction Agency and Construction Division).

However, on the detailed individual Agency page, the full list of works sponsored by an agency will be identified. This can be reconciled to the summary tables by adding both totals for an agency in each construction agency section.

2001-02 CAPITAL WORKS PROGRAM SUMMARY

CONSTRUCTION AGENCY/Sponsor	Estimated Revote from 2000-01 \$000	New Works in 2001-02 \$000	Total Program 2001-02 \$000
CONSTRUCTION AGENCY			
Ombudsman's Office		60	60
Department of the Chief Minister	60	209	269
Department of the Legislative Assembly	111	303	414
Office of the Director of Public Prosecutions	54	52	106
Office of Courts Administration	9	120	129
Northern Territory Attorney-General's Department	10	40	50
Northern Territory Treasury	31	41	72
Northern Territory Tourist Commission		40	40
Northern Territory Police, Fire and Emergency Services	2 137	1 186	3 323
Parks and Wildlife Commission of the Northern Territory	666	2 086	2 752
Department of Industries and Business	108	62	170
Department of Lands, Planning and Environment	14 882	7 055	21 937
Trade Development Zone Authority	58	60	118
Department of Asian Relations and Trade	19	16	35
Department of Mines and Energy	47	73	120
Northern Territory Correctional Services	7 263	258	7 521
Department of Primary Industry and Fisheries	25	618	643
Department of Transport and Works	2 248	15 386	17 634
Territory Health Services	55 415	7 874	63 289
Department of Education	8 250	5 350	13 600
Centralian College		72	72
Northern Territory Employment and Training Authority	10	10	20
Department of Sport and Recreation	134	3 196	3 330
Department of Corporate and Information Services: General Services	45	372	417
Department of Arts and Museums	197	368	565
Department of Local Government	8	30	38
Territory Wildlife Parks	8	485	493
Darwin Port Corporation	36 834	23 000	59 834
OWN CONSTRUCTION AGENCIES			
Department of Transport and Works	23 615	31 303	54 918
Northern Territory Employment and Training Authority		474	474
Darwin Port Corporation	108	1 689	1 797
Power and Water Authority	27 410	34 742	62 152
Territory Housing: Business Services	28 414	18 830	47 244
TOTAL	208 176	155 460	363 636

CAPITAL WORKS PROGRAM AND ESTIMATED EXPENDITURE BY CONSTRUCTION AGENCY

2000-01 ESTIMATE

Agency	Revoted In Works	Minor New Works	Major New Works	Program Delivery	Total Capital Works	Estimated Cash Expend	Estimated Revoted Out Works
	\$M	\$M	\$M	\$M	\$M	\$M	\$M
Department of Transport and Works	88.6	17.7	135.7	27.4	269.4	117.2	152.2
Infrastructure Development and Services	70.4	12.4	110.2	21.4	214.4	85.8	128.6
National Highways	8.0	1.6	8.4	1.3	19.3	10.6	8.7
Territory Roads	9.5	3.1	16.0	4.4	33.0	18.8	14.2
Transport Facilities	0.6	0.6	1.1	0.2	2.7	2.0	0.7
NT Employment and Training Authority	3.6	0.1	0.0	0.0	3.7	3.7	0.0
Darwin Port Corporation	0.4	0.2	0.3	0.1	1.0	0.9	0.1
Power and Water Authority	31.8	11.0	19.2	1.2	63.3	35.8	27.4
Commercial Services	26.6	7.3	15.0	1.0	49.9	29.3	20.6
Aboriginal Essential Services	5.2	3.7	4.2	0.1	13.3	6.5	6.8
Territory Housing: Business Services	17.6	2.0	32.2	2.8	54.5	26.1	28.4
TOTAL	142.0	31.0	187.4	31.5	391.9	183.8	208.1

CAPITAL WORKS PROGRAM AND ESTIMATED EXPENDITURE BY CONSTRUCTION AGENCY

2001-02 APPROVED

Agency	Revoted	Minor	Major	Program	Total	Estimated	Estimated
	In Works	New Works	New Works	Delivery	Capital Works	Cash Expend	Revoted Out Works
	\$M	\$M	\$M	\$M	\$M	\$M	\$M
Department of Transport and Works	152.2	16.7	64.0	19.0	252.0	123.5	128.5
Infrastructure Development and Services	128.6	11.8	42.0	14.5	197.1	93.1	104.0
National Highways	8.7	1.7	13.2	1.5	25.1	13.5	11.6
Territory Roads	14.2	2.7	8.8	2.8	28.5	15.9	12.6
Transport Facilities	0.7	0.5	0.0	0.2	1.4	1.0	0.3
NT Employment and Training Authority	0.0	0.4	0.0	0.1	0.5	0.5	0.0
Darwin Port Corporation	0.1	0.1	1.4	0.2	1.8	1.6	0.2
Power and Water Authority	27.4	13.3	18.2	3.3	62.1	41.0	21.1
Commercial Services	20.6	8.3	13.4	2.6	44.8	34.5	10.3
Aboriginal Essential Services	6.8	5.0	4.8	0.7	17.3	6.5	10.8
Territory Housing: Business Services	28.4	1.6	14.3	2.9	47.2	26.0	21.2
TOTAL	208.1	32.1	97.9	25.5	363.6	192.6	171.0

PROGRAM DETAILS BY AGENCY

OMBUDSMAN'S OFFICE

PROGRAM	Program \$000
Revoted Works from 2000-01	-
New Works in 2001-02	60
TOTAL	60

New Works	Approved Program \$000
Minor New Works	60
TOTAL NEW WORKS	60

DEPARTMENT OF THE CHIEF MINISTER

PROGRAM	Program \$000
Revoted Works from 2000-01	60
New Works in 2001-02	209
TOTAL	269

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	305	60
TOTAL REVOTED WORKS		60

New Works	Approved Program \$000
Minor New Works	209
TOTAL NEW WORKS	209

DEPARTMENT OF THE LEGISLATIVE ASSEMBLY

PROGRAM	Program \$000
Revoted Works from 2000-01	111
New Works in 2001-02	303
TOTAL	414

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	571	111
TOTAL REVOTED WORKS		111

New Works	Approved Program \$000
Minor New Works	303
TOTAL NEW WORKS	303

**OFFICE OF THE DIRECTOR
OF PUBLIC PROSECUTIONS**

PROGRAM	Program \$000
Revoted Works from 2000-01	54
New Works in 2001-02	52
TOTAL	106

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	65	54
TOTAL REVOTED WORKS		54

New Works	Approved Program \$000
Minor New Works	52
TOTAL NEW WORKS	52

OFFICE OF COURTS ADMINISTRATION

PROGRAM	Program \$000
Revoted Works from 2000-01	9
New Works in 2001-02	120
TOTAL	129

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	328	9
TOTAL REVOTED WORKS		9

New Works	Approved Program \$000
Minor New Works	120
TOTAL NEW WORKS	120

**NORTHERN TERRITORY
ATTORNEY-GENERAL'S DEPARTMENT**

PROGRAM	Program \$000
Revoted Works from 2000-01	10
New Works in 2001-02	40
TOTAL	50

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	230	10
TOTAL REVOTED WORKS		10

New Works	Approved Program \$000
Minor New Works	40
TOTAL NEW WORKS	40

NORTHERN TERRITORY TREASURY

PROGRAM	Program \$000
Revoted Works from 2000-01	31
New Works in 2001-02	41
TOTAL	72

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	51	31
TOTAL REVOTED WORKS		31

New Works	Approved Program \$000
Minor New Works	41
TOTAL NEW WORKS	41

NORTHERN TERRITORY TOURIST COMMISSION

PROGRAM	Program \$000
Revoted Works from 2000-01	-
New Works in 2001-02	40
TOTAL	40

New Works	Approved Program \$000
Minor New Works	40
TOTAL NEW WORKS	40

NORTHERN TERRITORY POLICE, FIRE AND EMERGENCY SERVICES

PROGRAM	Program \$000	
Revoted Works from 2000-01	2 137	
New Works in 2001-02	1 186	
TOTAL	3 323	
	Approved Program \$000	Remaining Program \$000
Revoted Works		
Various remote locations – upgrade community police stations at Papunya, Yuendumu and Ali Curung (Warrabri)	500	250
Darwin – construction of a forensic services facility at the Peter McAulay Police Complex in Berrimah	5 999	1 643
Various remote locations – modify and upgrade cells in Katherine and Wadeye (Port Keats), to comply with the recommendations of the Royal Commission into Aboriginal Deaths in Custody	500	83
Minor New Works	1 203	161
TOTAL REVOTED WORKS		2 137
		Approved Program \$000
New Works		
Tennant Creek – modify and upgrade cells		300
Minor New Works		886
TOTAL NEW WORKS		1186

PARKS AND WILDLIFE COMMISSION OF THE NORTHERN TERRITORY

PROGRAM			Program \$000
Revoted Works from 2000-01			666
New Works in 2001-02			2 086
TOTAL			2 752
		Approved Program \$000	Remaining Program \$000
Revoted Works			
Holmes Jungle Nature Park – installation of ablution facility, construct six kilometres of combined pedestrian/cycle gravel path, including elevated walkways over watercourses, and installation of interpretive signage	250		220
Limmen National Park (Nathan River) – develop visitor facilities including walking tracks, campgrounds and picnic areas at Southern Lost City and Limmen River crossing	200		195
Other works nearing completion	869		80
Minor New Works	1 309		171
TOTAL REVOTED WORKS			666
			Approved Program \$000
New Works			
Kings Canyon – extend parking area, construct toilet block and supply water to toilet system			850
Minor New Works			1 236
TOTAL NEW WORKS			2 086

DEPARTMENT OF INDUSTRIES AND BUSINESS

PROGRAM	Program \$000
Revoted Works from 2000-01	108
New Works in 2001-02	62
TOTAL	170

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	228	108
TOTAL REVOTED WORKS		108

New Works	Approved Program \$000
Minor New Works	62
TOTAL NEW WORKS	62

DEPARTMENT OF LANDS, PLANNING AND ENVIRONMENT

PROGRAM	Program \$000
Revoted Works from 2000-01	14 882
New Works in 2001-02	7 055
TOTAL	21 937

	Approved Program \$000	Remaining Program \$000
Revoted Works		
Install 600mm water main from Trade Development Zone to East Arm Port	2 355	370
East Arm – extend Wishart Road services, stage 2	720	378
Litchfield – subdivision of additional horticultural land in the Lambells Lagoon south area	680	111
Palmerston – Durack insect control, stage 1	500	346
Urban and Heritage Enhancement Program – various regional centres	3 591	496
East Arm Port – site preparation works	4 500	868
Access to recreational fishing areas	383	139
Middle Arm – Berry Springs connector road, stage 1 to connect five kilometres of sealed road between Cox Peninsula Road and Finn Road	1 000	977
Palmerston – third and final stage of a program to construct an underground drainage system to protect Mitchell Creek conservation area	620	535
Alice Springs – floodplain management measures, stage 1	600	584
Alice Springs Old Gaol Precinct – roadworks and access improvements, including some landscaping and car parking	400	350
Palmerston (Rosebery stage 5) – provision of headworks, including sewer pump station rising main, streetlighting and landscaping to Owston Avenue	1 100	1 000
Palmerston – conversion of approximately 500 metres of existing Stuart Highway into urban arterial, including intersections, sound attenuation and landscaping	1 000	950

	Approved Program \$000	Remaining Program \$000
Palmerston – residential headwork, including the construction of a portion of Roystonea Avenue to provide arterial linkage between the suburbs of Farrar, Gunn and Bakewell	1 300	1 100
Darwin – Central Darwin planning scheme: concept development, technical investigation and design of projects within The Esplanade, Civic and Wharf precincts	500	390
Middle Arm Industrial Estate – access road construction	4 700	4 654
Katherine – upgrade open unlined drains within the Katherine municipality	220	210
Tennant Creek – provision of additional protection works in the town’s trunk drainage system and provide additional drainage works in some localised flooding spots	520	470
Other works nearing completion	730	365
Minor New Works	2 661	589
TOTAL REVOTED WORKS		14 882

	Approved Program \$000
New Works	
Various regional centres – urban enhancement and heritage program including heritage trails, landscaping, display shelters and signage	2 475
Darwin – 110 metre extension to Carey Street including streetlighting and water main	200
Mary River Wetlands – construction of weirs and barrages to assist in saltwater intrusion control	1 000
Alice Springs – floodplain management measures, continuing rehabilitation of channels in Todd River to achieve improved flow characteristics, remove weed growth and accumulated sand	400
Tennant Creek – lining of main drain, stage 1	300
Katherine – improve flood immunity to properties adjoining Zimin Drive and Florina Road	1 400
Minor New Works	1 280
TOTAL NEW WORKS	7 055

TRADE DEVELOPMENT ZONE AUTHORITY

PROGRAM	Program \$000
Revoted Works from 2000-01	58
New Works in 2001-02	60
TOTAL	118

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	75	58
TOTAL REVOTED WORKS		58

New Works	Approved Program \$000
Minor New Works	60
TOTAL NEW WORKS	60

DEPARTMENT OF ASIAN RELATIONS AND TRADE

PROGRAM			Program \$000
Revoted Works from 2000-01			19
New Works in 2001-02			16
TOTAL			35

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	20	19
TOTAL REVOTED WORKS		19

New Works	Approved Program \$000
Minor New Works	16
TOTAL NEW WORKS	16

DEPARTMENT OF MINES AND ENERGY

PROGRAM	Program \$000	
Revoted Works from 2000-01		47
New Works in 2001-02		73
TOTAL		120
	Approved Program \$000	Remaining Program \$000
Revoted Works		
Core Library at Farrell Crescent, Winnellie – design and construct steel framed metal clad extension	242	40
Minor New Works	92	7
TOTAL REVOTED WORKS		47
		Approved Program \$000
New Works		
Minor New Works		73
TOTAL NEW WORKS		73

NORTHERN TERRITORY CORRECTIONAL SERVICES

PROGRAM	Program \$000
Revoted Works from 2000-01	7 263
New Works in 2001-02	258
TOTAL	7 521

Revoted Works	Approved Program \$000	Remaining Program \$000
Darwin Correctional Centre – stage 1 of the redevelopment comprising construction of a 100 prisoner low security facility, including prisoner accommodation, kitchen, laundry, education, medical and interview rooms, officers' facilities, carparking, and storage	7 000	6 940
Other works nearing completion	1 085	120
Minor New Works	374	203
TOTAL REVOTED WORKS		7 263

New Works	Approved Program \$000
Minor New Works	258
TOTAL NEW WORKS	258

**DEPARTMENT OF PRIMARY INDUSTRY
AND FISHERIES**

PROGRAM	Program \$000
Revoted Works from 2000-01	25
New Works in 2001-02	618
TOTAL	643

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	610	25
TOTAL REVOTED WORKS		25

New Works	Approved Program \$000
Minor New Works	618
TOTAL NEW WORKS	618

DEPARTMENT OF TRANSPORT AND WORKS

PROGRAM	Program \$000	
Revoted Works from 2000-01	25 863	
New Works in 2001-02	46 689	
TOTAL	72 552	
	Approved Program \$000	Remaining Program \$000
Revoted Works		
Infrastructure Development and Services		
CFC refrigerant management program – stages 5 and 6 of a program targeting educational and health facilities across the Territory	650	630
Glyde Point/Middle Arm – infrastructure planning and advice	860	725
Port of Darwin – rehabilitation of roll on/roll off facility, project support	500	298
Other works nearing completion	4 400	102
Minor New Works	1 377	493
Subtotal Infrastructure Development and Services		2 248
National Highways		
Stuart Highway – construct/upgrade Hugh River Bridge and approaches	1 500	1 440
National Highways – enhance roadside facilities including fencing to control wandering stock and improved signage, shade and shelter amenities for the tourism drive market	500	429
Stuart Highway – upgrade bridge structure at Manton River	750	739
Road development consultants	272	185
National Highways – landscaping of median strips and verges on parts of the Stuart and Victoria Highways in Katherine, and the Stuart Highway in Tennant Creek and Alice Springs	300	287
National Highways – pavement rehabilitation and widening of selected sections of the Stuart, Barkly and Victoria Highways to meet National Highway standards	5 307	2 603

	Approved Program \$000	Remaining Program \$000
Stuart Highway – improve overtaking opportunities between Darwin and Katherine	1 500	791
National Highways – upgrade selected strength-deficient bridges	500	473
Other works nearing completion	800	110
Minor New Works	3 231	1 651
Subtotal National Highways		8 708
Territory Roads		
Alice Springs to Kings Canyon – gravel and seal tourist loop comprising Namatjira Drive and Larapinta Drive	7 000	6 472
Katherine – construction of carriageway duplication on the Stuart Highway, from Lindsay Street to Crawford Street	900	100
Urban arterial roads, Darwin – traffic management improvements including cyclepaths	300	150
Alice Springs – realignment of Maryvale Road and selected gravelling	500	485
Daly River Road – sealing of ten kilometres of road	1 534	1 034
Various locations – Aboriginal community internal road dust suppression	500	380
Local sealed roads – reconstruct isolated failed sections of sealed Territory local roads	500	470
Fog Bay Road – upgrade and seal six kilometres from Leviathan Creek to Venture Road	1 300	1 100
Katherine – extend Chambers Drive from Lockheed Street to Stuart Highway	910	760
Katherine – extend Fleming Road from Cadell Road to Stray Creek	1 100	900
Tanami Road – selected forming, gravelling and sealing between Papunya and Lajamanu turnoffs	1 000	250
Palmerston arterial roads – landscape median strips and verges of various arterials	200	150
Darwin – landscaping of median strips and verges of various urban arterial locations	300	234

	Approved Program \$000	Remaining Program \$000
Palmerston – construct shared cycle/footpath on Chung Wah Terrace from Emery Avenue southward to Temple Terrace	200	50
Other works nearing completion	1 310	545
Minor New Works	5 479	1 132
Subtotal Territory Roads		14 212
Transport Facilities		
Minor New Works	976	695
Subtotal Transport Facilities		
TOTAL REVOTED WORKS		25 863
		Approved Program \$000
New Works		
Infrastructure Development and Services		
Study of railway passenger terminals and services – Alice Springs, Tennant Creek, Katherine and Palmerston		100
Program delivery		14 534
Minor New Works		752
Subtotal Infrastructure Development and Services		15 386
National Highways		
National Highways – completion of the duplication of the Stuart Highway between the Arnhem Highway and Noonamah. This is the final stage and specifically relates to upgrading the Stuart Highway/Arnhem Highway intersection		1 700
Pavement rehabilitation and widening of selected sections of the Stuart, Barkly and Victoria Highways to meet National Highway standards		9 000
National Highways – upgrade of the Stuart Highway/Cox Peninsula Road intersection		1 000
All corridors – upgrade strength-deficient bridges on the National Highway network to meet higher mass limits		1 000

	Approved Program \$000
All corridors – provide protected turning lanes, landscape median strips and verges, enhance roadside facilities including fencing to control wandering stock and improve signage, shade and shelter amenities for the tourism drive market	500
Program delivery	1 494
Minor New Works	1 700
Subtotal National Highways	16 394
Territory Roads	
Alice Springs to Kings Canyon – gravelling and sealing of selected sections of the tourist loop comprising Namatjira Drive (Glen Helen to Larapinta Drive) and Larapinta Drive (Hermannsburg to Kings Canyon)	2 000
Palmerston – Temple Terrace, improvement of traffic-calming measures between Roystonea Avenue and Chung Wah Terrace	1 000
Darwin – urban arterials (various roads), reconstruct isolated failed sections of sealed Territory urban arterial roads	1 000
Rural arterials – reconstruct isolated failed sections of sealed Territory rural arterial roads	2 000
Northern Territory road network – upgrade strength-deficient bridges on the Territory highway network to meet higher mass limits	1 000
Local roads (various sealed roads) – reconstruct isolated failed sections of sealed Territory local roads	1 000
Katherine – upgrade and seal five kilometres of Fox Road	400
Palmerston – construct a shared cycle/pedestrian pathway on the western side of University Avenue	100
Sturt Plateau – improvements to jump up and selected gravel sheeting of the Dry River/Gorrie Link Road	250
Program delivery	2 798
Minor New Works	2 696
Subtotal Territory Roads	14 244

	Approved Program \$000
Transport Facilities	
Program delivery	153
Minor New Works	512
Subtotal Transport Facilities	665
TOTAL NEW WORKS	46 689

TERRITORY HEALTH SERVICES

PROGRAM	Program \$000	
Revoted Works from 2000-01	55 415	
New Works in 2001-02	7 874	
TOTAL	63 289	
	Approved Program \$000	Remaining Program \$000
Revoted Works		
Maningrida – construct health clinic	2 200	1 850
Aboriginal Community Health Infrastructure	4 042	563
Alice Springs Hospital – redevelopment of the hospital, including provision of a private wing, upgrade and modifications to existing facilities throughout the main ward block, and external works, including landscaping, walkway and roadworks	30 786	17 267
Royal Darwin Hospital – construction of a two storey clinical services building to accommodate a new emergency department, operating theatres including a same day procedure, and intensive, coronary and high dependency care units. New facility also includes an upgraded imaging department, private GP and specialist medical centre, central sterilising department, lecture theatre, and a retail facility	37 737	34 451
Alice Springs Hospital – redevelopment fit out	600	500
Royal Darwin Hospital – replacement of fire indicator panel	220	190
Other works nearing completion	6 914	78
Minor New Works	3 275	516
TOTAL REVOTED WORKS		55 415

New Works	Approved Program \$000
Barunga – construct a new health clinic	600
Alice Springs Hospital – construct a new plant room above potential flood levels and relocate essential service equipment, including electrical switchboards to the plant room	450
Royal Darwin Hospital and Alice Springs Hospital redevelopment – provision of contemporary specialist equipment to support the delivery of new and expanded services following the redevelopments	5 100
Minor New Works	1 724
TOTAL NEW WORKS	7 874

DEPARTMENT OF EDUCATION

PROGRAM	Program \$000
Revoted Works from 2000-01	8 250
New Works in 2001-02	5 350
TOTAL	13 600

Revoted Works	Approved Program \$000	Remaining Program \$000
Girraween – construct 360 student capacity primary and 50 student capacity preschool, including special education support area, sewerage treatment plant, and extension to mains water supply and road access	9 185	7 485
Other works nearing completion	100	16
Minor New Works	2 613	749
TOTAL REVOTED WORKS		8 250

New Works	Approved Program \$000
Leanyer Primary School – upgrade existing administration, library, general learning areas and student support facilities	1 248
Maranunga (Daly River) – construct a new 50 student capacity, two-teacher school	640
Jilkmिंगgan School – construct a multi-purpose teaching area for secondary aged students	385
Minor New Works	3 077
TOTAL NEW WORKS	5 350

CENTRALIAN COLLEGE

PROGRAM	Program \$000
Revoted Works from 2000-01	-
New Works in 2001-02	72
TOTAL	72

New Works	Approved Program \$000
Minor New Works	72
TOTAL NEW WORKS	72

NORTHERN TERRITORY EMPLOYMENT AND TRAINING AUTHORITY

PROGRAM	Program \$000	
Revoted Works from 2000-01	10	
New Works in 2001-02	484	
TOTAL	494	

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	10	10
TOTAL REVOTED WORKS		10

New Works	Approved Program \$000
Program delivery	89
Minor New Works	395
TOTAL NEW WORKS	484

DEPARTMENT OF SPORT AND RECREATION

PROGRAM	Program \$000
Revoted Works from 2000-01	134
New Works in 2001-02	3 196
TOTAL	3 330

Revoted Works	Approved Program \$000	Remaining Program \$000
Works nearing completion	250	5
Minor New Works	367	129
TOTAL REVOTED WORKS		134

New Works	Approved Program \$000
Marrara – construct a new airconditioned basketball stadium providing three new full-size courts with sprung timber floors to accommodate national basketball and netball competitions. A further \$1.3 million is being provided for this project by the Darwin Basketball Association	3 000
Minor New Works	196
TOTAL NEW WORKS	3 196

**DEPARTMENT OF CORPORATE AND
INFORMATION SERVICES: GENERAL SERVICES**

PROGRAM	Program \$000
Revoted Works from 2000-01	45
New Works in 2001-02	372
TOTAL	417

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	213	45
TOTAL REVOTED WORKS		45

New Works	Approved Program \$000
Fit out as part of the office rationalisation program	300
Minor New Works	72
TOTAL NEW WORKS	372

DEPARTMENT OF ARTS AND MUSEUMS

PROGRAM	Program \$000
Revoted Works from 2000-01	197
New Works in 2001-02	368
TOTAL	565

Revoted Works	Approved Program \$000	Remaining Program \$000
Works nearing completion	2 382	43
Minor New Works	710	154
TOTAL REVOTED WORKS		197

New Works	Approved Program \$000
Minor New Works	368
TOTAL NEW WORKS	368

DEPARTMENT OF LOCAL GOVERNMENT

PROGRAM	Program \$000
Revoted Works from 2000-01	8
New Works in 2001-02	30
TOTAL	38

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	38	8
TOTAL REVOTED WORKS		8

New Works	Approved Program \$000
Minor New Works	30
TOTAL NEW WORKS	30

TERRITORY WILDLIFE PARKS

PROGRAM	Program \$000
Revoted Works from 2000-01	8
New Works in 2001-02	485
TOTAL	493

Revoted Works	Approved Program \$000	Remaining Program \$000
Minor New Works	392	8
TOTAL REVOTED WORKS		8

New Works	Approved Program \$000
Alice Springs Desert Park – upgrade entry station including airconditioning, courtyard landscaping and kiosk entry decking	300
Minor New Works	185
TOTAL NEW WORKS	485

DARWIN PORT CORPORATION

PROGRAM	Program \$000
Revoted Works from 2000-01	36 942
New Works in 2001-02	24 689
TOTAL	61 631
	Approved Program \$000
Revoted Works	Remaining Program \$000
East Arm Port stage 2A – commencement of railway access and reclamation embankments and a 110 metre wharf extension	38 000
Fort Hill Wharf – installation of cathodic protection to reduce ongoing corrosion of the submerged pile sections	320
TOTAL REVOTED WORKS	36 942
	Approved Program \$000
New Works	Approved Program \$000
East Arm Port – completion of the wharf extension and bulk liquids berth	23 000
Stokes Hill Wharf – installation of cathodic protection to reduce ongoing corrosion of the submerged pile sections	1 350
Program delivery	189
Minor New Works	150
TOTAL NEW WORKS	24 689

POWER AND WATER AUTHORITY

PROGRAM			Program \$000
Revoted Works from 2000-01			27 410
New Works in 2001-02			34 742
TOTAL			62 152
		Approved Program \$000	Remaining Program \$000
Revoted Works			
Commercial Services			
Channel Island Power Station – install 30/40 mw gas turbine	32 132		2 385
Alice Springs – construct 22kV feeder from Ron Goodin Power Station to Blatherskite Park and reconduct five kilometres of overhead line south of Heavitree Gap	1 130		416
Darwin – electricity system reliability enhancements	1 000		373
Ilparpa – construct a pump station, using variable speed pump drives	589		213
Darwin – upgrade Ludmilla waste water treatment plant, stage 1	4 380		1 147
Darwin – construction of optic fibre networks	9 000		1 225
Channel Island Power Station – install evaporative coolers on the air filters of generation sets 4 and 5	385		380
Darwin – augment transformer capacity at Casuarina Zone substation	1 300		725
Alice Springs – overhaul and installation of two 7.5/10MVA transformers and installation of 22kV switchboard at Lovegrove switching station	1 000		270
Hudson Creek – replace central computer on System Control and Data Acquisition (SCADA) system at Hudson Creek control centre	750		720
Katherine – raise distribution lines across existing river crossings	400		390
Howard East Borefield – first stage to construct rising main from existing bores to McMinns transfer station, equip three production bores, and upgrade power supply, telemetry and access tracks	7 400		5 629

	Approved Program \$000	Remaining Program \$000
Adelaide River – construct a 500kL ground level storage tank and provide telemetry for remote monitoring	230	210
Darwin – augmentation to the Parap trunk sewer	620	585
Darwin – enhancement of electrical system communications	1 050	830
Project delivery costs	3 815	1 223
Other works nearing completion	500	220
Minor New Works	7 260	3 661
Subtotal Commercial Services		20 602
Aboriginal Essential Services		
Yuendumu – establish a new water supply source, stage 1	224	188
Areyonga – install two 228kL ground level storage tanks and make other modifications to improve water supply and quality	413	381
Angurugu – upgrade sewage ponds	786	709
Various locations – provision of telemetry for SCADA system for power station, water and sewerage infrastructure	855	813
Titjakala (Maryvale) – construct new power station and second high voltage feeder	450	427
Oenpelli (Gunbalanya) – supply and install 800kW generating set	430	420
Bulla Camp (Gudabijin) – construct new power station building and fuel storage facility	300	272
Kalkarindji – construct new power station	1 200	1 095
National Aboriginal Health Strategy – headworks for new housing projects	1 000	710
Yuendumu – replace 560 metres of 300NB sewer and upgrade sewerage pumping station	305	283
Project delivery costs	857	59
Other works nearing completion	839	67
Minor New Works	4 928	1 384
Subtotal Aboriginal Essential Services	11 987	6 808
TOTAL REVOTED WORKS	84 708	27 410

	Approved Program \$000
New Works	
Commercial Services	
Kings Canyon – installation of 1/3 peak load capacity solar power generation	2 150
Darwin – installation and commissioning of the gasifier, engine, electrical generation plant and briquetting equipment for a pilot 350 kilowatt <i>Mimosa Pigra</i> biomass electricity generation facility	3 000
Daly Waters – install a power station management and engine control system plus a distribution switchboard	220
Darwin – install conductors on unused side of existing double circuit towers from Hudson Creek to Agostini Road. Construct new double circuit 66kV transmission line from Agostini Road to Berrimah Road substation. Construct new 66kV switch yard extensions at Hudson Creek terminal station and Berrimah zone substation	1 200
Darwin River Dam – upgrade the existing spillway by widening and improving hydraulics. Construction of a wave wall on the existing dam, keyed into the clay core	2 600
McMinns water transfer station and Karama pumping station – install new 2-speed pump at McMinns transfer station. Install booster pumps and associated mains at Karama	520
Yulara – install telemetry system on the water and sewerage infrastructure	400
Darwin – construct a sewer rising main from the Frances Bay pumping station to the end of the Parap trunk sewer at the end of Ross Smith Avenue	2 000
Darwin – replace 600 metres DN 300 sewer with a DN 450 sewer and increase the Frances Bay pumping station capacity to 440l/s	1 300
Program delivery	2 600
Minor New Works	8 250
Subtotal Commercial Services	24 240
Aboriginal Essential Services	
Rural Services Northern – Provide a SCADA telemetry system to monitor remote power, water and sewerage infrastructure in selected locations	700

	Approved Program \$000
Beswick – provide power, water and sewerage headworks for a new housing area to alleviate flood damage	1 000
All regions – upgrade fuel storage bunding at selected sites to prevent seepage of possible spilt fuel into soil	350
Yuendumu – establish a new water supply source, stage 2, equip two production bores, construct ten kilometres of rising main, power line and access roads, install a transfer pumping system and provide a telemetry and pumping control system	900
Bulla Camp – extend electricity reticulation to the new site and relocate the existing generation equipment	300
Bulman – install 1/3 peak load capacity solar power generation	450
Epenarra – construct new ground level water storage tank and transfer pumping station	160
Nguiu – upgrade the fuel transfer pipeline from the large landing to the power station	200
Ngukurr – supply and install concrete margins in existing sewage treatment ponds. Design and construct a treated effluent spray system	400
Nyrippi – construct a new power station control room building and install a new switchboard, generation sets and second fuel storage tank	350
Program delivery	670
Minor New Works	5 022
Subtotal Aboriginal Essential Services	10 502
TOTAL NEW WORKS	34 742

TERRITORY HOUSING: BUSINESS SERVICES

PROGRAM			Program \$000
Revoted Works from 2000-01			28 414
New Works in 2001-02			18 830
TOTAL			47 244
		Approved Program \$000	Remaining Program \$000
Revoted Works			
Various centres – construction of two and three bedroom public dwellings	999		750
Darwin and Palmerston – construction of one and two bedroom units	31 416		14 730
Various centres – construction of new crisis or medium-term housing and upgrade of existing premises	1 213		1 171
Various urban centres – upgrade and enhancement of public dwellings, including internal improvements and enhancement of external areas	4 057		3 197
Various centres – construction of one, two and three bedroom dwellings for use as Government employee housing	8 964		5 684
Various centres – upgrade and enhancement of Government employee housing, including internal improvements and enhancement of external areas	1 176		552
Community infrastructure	500		475
Darwin – Kurringal Flats redevelopment	1 000		644
Project delivery costs	2 764		789
Minor New Works	2 430		422
TOTAL REVOTED WORKS	54 519		28 414
			Approved Program \$000
New Works			
Darwin and Palmerston – construction of one and two bedroom units for use as general public housing			4 000
Various urban centres – upgrade and enhancement of public dwellings, including internal and external works			2 000

	Approved Program \$000
Various centres – construct new crisis and medium-term housing and upgrade existing premises	500
Various remote centres – construction of one, two and three bedroom dwellings for use as Government employee housing	2 500
Various remote centres – replace all Government employee housing beyond economical repair	3 200
Various remote locations – upgrade and enhance Government employee housing, including internal and external works	1 400
Alice Springs – demolition (stage 1) of high density accommodation in Cawood Crescent and redevelopment of site	700
Program delivery	2 930
Minor New Works	1 600
TOTAL NEW WORKS	18 830

COMMITTAL TARGET DATES FOR
MAJOR CAPITAL WORKS

COMMITTAL TARGET DATES FOR MAJOR CAPITAL WORKS

Agency/Description	Estimated Cost	Committal Target Date	Committed Expenditure 2001-02
	\$000		\$000
DEPARTMENT OF LANDS, PLANNING AND ENVIRONMENT			
Various regional centres – urban enhancement and heritage program including heritage trails, landscaping, display shelters and signage	2 475	Ongoing	600
Mary River Wetlands – construction of weirs and barrages to assist in saltwater intrusion control	1 000	May – 02	500
Katherine – improve flood immunity to properties adjoining Zimin Drive and Florina Road	1 400	Aug – 01	1 400
DEPARTMENT OF TRANSPORT AND WORKS			
Roads Development: National Highways			
National Highways – completion of the duplication of the Stuart Highway between the Arnhem Highway and Noonamah. This is the final stage and specifically relates to upgrading the Stuart Highway/Arnhem Highway intersection	1 700	Aug – 01	1 700
Pavement rehabilitation and widening of selected sections of the Stuart, Barkly and Victoria Highways to meet National Highway standards	9 000	Aug – 01	1 700
National Highways – upgrade of the Stuart Highway/Cox Peninsula Road intersection	1 000	May – 02	100
All corridors – upgrade strength-deficient bridges on the National Highway network to meet higher mass limits	1 000	May – 02	100
Roads Development: Territory Roads			
Alice Springs to Kings Canyon – gravelling and sealing of selected sections of the tourist loop comprising Namatjira Drive (Glen Helen to Larapinta Drive) and Larapinta Drive (Hermannsburg to Kings Canyon)	2 000	May – 02	150

Committal Target Dates for Major Capital Works

Agency/Description	Estimated Cost	Committal Target Date	Committed Expenditure 2001-02
	\$000		\$000
Palmerston – Temple Terrace, improvement of traffic-calming measures between Roystonea Avenue and Chung Wah Terrace	1 000	Aug – 01	500
Darwin – urban arterials (various roads), reconstruct isolated failed sections of sealed Territory urban arterial roads	1 000	Aug – 01	1 000
Rural arterials – reconstruct isolated failed sections of sealed Territory rural arterial roads	2 000	Sep – 01	1 100
Northern Territory road network – upgrade strength-deficient bridges on the Territory Highway network to meet higher mass limits	1 000	May – 02	100
Local roads (various sealed roads) – reconstruct isolated failed sections of sealed Territory local roads	1 000	Sep – 01	1 000
TERRITORY HEALTH SERVICES			
Royal Darwin Hospital and Alice Springs Hospital redevelopment – provision of contemporary specialist equipment to support the delivery of new and expanded services following the redevelopments	5 100	Dec – 01	3 000
DEPARTMENT OF EDUCATION			
Leanyer Primary School – upgrade existing administration, library, general learning areas and student support facilities	1 248	Mar – 02	400
DEPARTMENT OF SPORT AND RECREATION			
Marrara – construct a new airconditioned basketball stadium providing three new full-size courts with sprung timber floors to accommodate national basketball and netball competitions. A further \$1.3 million is being provided for this project by the Darwin Basketball Association	3 000	Mar – 02	500

Committal Target Dates for Major Capital Works

Agency/Description	Estimated Cost	Committal Target Date	Committed Expenditure 2001-02
	\$000		\$000
DARWIN PORT CORPORATION			
East Arm Port – completion of the wharf extension and bulk liquids berth	23 000	Jul – 01	15 000
Stokes Hill Wharf – installation of cathodic protection to reduce ongoing corrosion of the submerged pile sections	1 350	Jan – 02	800
POWER AND WATER AUTHORITY			
Commercial Services			
Kings Canyon – installation of 1/3 peak load capacity solar power generation	2 150	Jul – 01	1 800
Darwin – installation and commissioning of the gasifier, engine, electrical generation plant and briquetting equipment for a pilot 350 kilowatt <i>Mimosa pigra</i> biomass electricity generation facility	3 000	Oct – 01	700
Darwin – install conductors on unused side of existing double circuit towers from Hudson Creek to Agostini Road. Construct new double circuit 66 kV transmission line from Agostini Road to Berrimah Road substation. Construct new 66 kV switch yard extensions at Hudson Creek terminal station and Berrimah zone substation	1 200	Oct – 01	1 200
Darwin River Dam – upgrade the existing spillway by widening and improving hydraulics. Construction of a wave wall on the existing dam, keyed into the clay core	2 600	Jul – 01	1 500
Darwin – construct a sewer rising main from the Frances Bay pumping station to the end of the Parap trunk sewer at the end of Ross Smith Avenue	2 000	Jul – 01	2 000
Darwin – replace 600 metres DN 300 sewer with a DN 450 sewer and increase the Frances Bay pump station capacity to 440 l/s	1 300	Jul – 01	1300
Aboriginal Essential Services			
Beswick – provide power, water and sewerage headworks for a new housing area to alleviate flood damage	1 000	Jul – 01	800

Committal Target Dates for Major Capital Works

Agency/Description	Estimated Cost	Committal Target Date	Committed Expenditure 2001-02
	\$000		\$000
TERRITORY HOUSING: BUSINESS SERVICES			
Darwin and Palmerston – construction of one and two bedroom units for use as general public housing	4 000	Jun – 02	100
Various urban centres – upgrade and enhancement of public dwellings, including internal and external works	2 000	Jun – 02	50
Various remote centres – construction of one, two and three bedroom dwellings for use as Government employee housing	2 500	May – 02	100
Various remote centres – replace all Government employee housing beyond economical repair	3 200	Sep – 01	1 500
Various remote locations – upgrade and enhance Government employee housing, including internal and external works	1 400	Sep – 01	700