

VOTE 11

DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT

Infrastructure Amount to be appropriated by Vote	R 51 417 000
Responsible MEC	MEC for Economic, Environment, Agriculture and Rural Development
Administering Department	Department of Agriculture and Rural Development
Accounting Officer	Head of Department

1. STRATEGIC OVERVIEW OF INFRASTRUCTURE PROGRAMME

The purpose of the Department of Agriculture and Rural Development (DARD) Infrastructure Programme is to promote equitable and sustainable use of ecosystem and thereby contribute to the economic development by managing biodiversity, its components, habitats and functions. Investments in Nature Reserves through upgrading of infrastructure promotes tourism which increase revenue generation for the province. The department implements infrastructure programme in order to contribute towards the government objective of protecting and enhancing environmental assets and natural resources. The major focus is to protect ecosystem and rare species. Key to biodiversity protection is the creation and sustenance of a system of protected areas. These are clearly demarcated geographic areas that require infrastructure as per set norms and standards (protected area norms and standards).

The infrastructure programme includes bulk infrastructure to service buildings and people staying at the Nature Reserves, visitor facilities to facilitate tourism into the protected areas, buildings to facilitate environmental education and awareness. Protected areas/nature reserves are expected to contribute to the local economic development in order to alleviate poverty.

Legislative mandate

The infrastructure delivery programme complies with the requirements laid down in the Public Finance Management Act, No. 1 of 1999 (PFMA) and the Division of Revenue Act (DORA). Further legislation that is specifically applicable to the delivery and maintenance of Agriculture and Rural Development infrastructure includes the following:

- Architectural Profession Act, No. 44 of 2000
- Built Environment Profession Act, No. 43 of 2000
- Construction Industry Development Board Act, No. 38 of 2000
- Engineering Profession Act, No. 46 of 2000
- Government Immovable Asset Management Act, No. 19 of 2009, referred to as GIAMA
- Intergovernmental Relations Framework Act, No. 13 of 2005
- Landscape Architect Profession Act, No. 45 of 2000
- National Building Regulations Standards Act, No. 30 of 1982
- Occupational Health and Safety Act, No. 85 of 1993
- Probation Service Act, No. 116 of 1991
- Public Service Act, No. 111 of 1994
- Project and Construction Management Act, No. 48 of 2000
- Property Valuers profession Act, No. 47 of 2000
- Quantity Surveyors Profession Act, No. 49 of 2000
- Skills Development Act, No. 97 of 1998

2. FUNDING OF INFRASTRUCTURE

Table 1 below shows the infrastructure allocations for the department over the seven year period and period between 2012/13 to 2015/16. The 2016 Medium-Term Expenditure Framework (MTEF) period which is from 2016/17 to 2018/19 reflects future commitments. Over the seven year period, infrastructure funding shows an increase in the overall spending of the infrastructure portfolio. During the 2015/16 financial year, an amount of R18.5 million was allocated with no adjustments

made. Over the 2016 MTEF, the budget shows a decrease from R51.4 million in 2016/17 to R33.5 million in 2017/18 financial year and R39.6 million in 2018/19 financial year. The increase in 2016/17 financial year is as a result of major maintenance work to be undertaken on the nature reserves during this period.

Table 1: Summary of Infrastructure Payments and Estimates by Category

R thousand	Outcome			2015/16		Medium-term Estimates			
	2012/13	2013/14	2014/15	Main Budget	Adjusted Budget	Revised Estimate	2016/17	2017/18	2018/19
New Infrastructure	-	4 056	108	400	400	-	-	-	-
Existing Infrastructure	5 638	3 350	19 346	18 112	18 112	18 512	51 417	-	-
<i>Upgrading and Additions</i>	4 900	500	11 792	6 550	6 550	4 335	18 421	-	8 338
<i>Rehabilitation and Refurbishment</i>	738	100	4 350	4 000	4 000	4 471	14 340	11 438	-
<i>Maintenance</i>	-	2 750	3 204	7 562	7 582	9 706	18 656	22 100	31 275
Total	5 638	7 406	19 454	18 512	18 512	18 512	51 417	33 538	39 613

*2015/16 Budget to be adjusted upwards by R 9.4 million during 2nd adjustment

Over the 2016 MTEF period, a total of R124.6 million is allocated across various infrastructure investment categories. In 2016/17 financial year R51.4 million is allocated, Of which R5.8 million is allocated for the building of project/programme management capacity internally, R18.4 million allocated for upgrading and additions, R14.3 million allocated for rehabilitation and refurbishment with a further R18.4 million allocated for the maintenance of offices and Nature Reserves. The budget for maintenance of infrastructure assets increases due to the plan to eradicate the maintenance backlog at the six nature reserves. Over the 2016 MTEF, R51.4 million is allocated towards existing infrastructure in 2016/17, decreasing to R33.5 million in 2017/18 and further increasing to R39.6 million in 2018/19.

Table 2: Summary of Infrastructure Payments and Estimates by Source of Funding

R thousand	Outcome			2015/16			2016/17	2017/18	2018/19
	2012/13	2013/14	2014/15	Main Budget	Adjusted Budget	Revised Estimate	Medium Term Estimates		
CONDITIONAL GRANTS	-	-	2 454	2 443	2 443	2 443	2 836	-	-
<i>Expanded Public Works Programme</i>	-	-	2 454	2 443	2 443	2 443	2 836	-	-
PROVINCIAL ALLOCATION	5 638	7 406	17 000	16 069	16 069	16 069	48 581	33 538	39 613
<i>Provincial Equitable Share</i>	5 638	7 406	17 000	16 069	16 069	16 069	48 581	33 538	39 613
Total	5 638	7 406	19 454	18 512	18 512	18 512	51 417	33 538	39 613

*2015/16 Budget to be adjusted upwards by R 9.4 million during 2nd adjustment

The baseline allocation for infrastructure increases from R7.4 million in 2013/14 to R19.5 million in 2014/15. It also increased from R18.5 million in 2015/16 to R51.4 million in 2016/17. Over the 2016 MTEF period, the baseline increases to R51.4 million and R33.5 million for 2017/18 and R39.6 million 2018/19 respectively.

3. REVIEW OF THE 2015/16 FINANCIAL YEAR

In the 2015/16 financial year, a budget of R18.5 million was allocated. Of the adjusted budget, R16.1 million is funded from the Provincial Equitable Share, and R2.4 million is from the Expanded Public Works Programme (EPWP). During the period under review, construction work was undertaken in the six nature reserves including the implementation of the southern waterline in Suikerbosrand Nature Reserve and construction of the new road at Marievale Nature Reserve. The southern water line project commenced in July 2015 and is anticipated to be completed in April 2016. The construction of the new road in Marievale Nature Reserve commenced in November 2015 and is anticipated to be complete in June 2016. The following projects have been completed in the 2015/16 financial year:

- Signage at Roodeplaat Nature Reserve
- Lapa at picnic area at Roodeplaat Nature Reserve
- Rehabilitation and refurbishment of existing amenities at Roodeplaat Training Centre
- Refurbishment to supervisor house at Kareekloof

In 2015/16, two (2) projects (the oxidation tanks at Kareekloof and the new pipe network at Roodeplaat Nature Reserve) were awarded to the contractor for implementation in the last quarter of 2015/16 financial year.

Number of projects were under taken within the maintenance programme and were completed in the following facilities:

Vredehuis Satellite office

- Demolishing of the herbarium
- Construction of carport in Area 3

Suikerbosrand Nature Reserve

- Construction of a palisade fence at Kareekloof
- Cleaning of chalets and offices at Kareekloof
- Painting of chalets at Protea Camp
- Repairs to thatch roof at Kiepersol and Main gate at Suikerbosrand
- Installation of air conditioners

Themba satellite office

- Construction of Palisade fence at Agriculture offices
- Installation of electric fence at Warehouse and Veterinary Clinic
- Installation of air conditioners
- Demolishing of old storage
- Installation of carports at Agriculture offices

The challenges experienced in the 2015/16 financial year revolve around delays to appoint contractors due to the newly introduced strategy to appoint contractors residing in the areas where projects must be implemented (township revitalisation). In mitigating this, a database of contractors in the different townships has been established and is being rolled-out.

4. OUTLOOK FOR THE 2016 MTEF

Infrastructure development has a critical role to play towards the attainment of the strategic objectives of the Transformation, Modernisation and Re-Industrialisation (TMR) programme. Maintenance of infrastructure within this portfolio has been prioritised. Effective management will improve the quality of services delivered by the department.

Over the 2016 MTEF, a budget of R124.6 million is allocated for addressing GDARD infrastructure issues. Of which, R50.2 million is allocated towards projects to be implemented within the Southern development corridor. Key projects planned to be completed within the 2016 MTEF period include the southern water line at Suikerbosrand nature reserve, new pipe network for the whole reserve from municipal line at Roodeplaat Nature Reserve and renovations of oxidation tank at Kareekloof.

GDARD is planning to construct a basic picnic area at the Leeuwnfontein Nature Reserve that is 300m² in size. The planned development is aimed at attracting the local community to visit the Nature Reserve as part of the recreation facility as well as generating revenue for the province. The Leeuwnfontein Nature Reserve is currently not getting many visitors because of its state as there are no recreational facilities available for the local communities.

Table 3: Budget per Development Corridor

Development Corridor	2015/16 Main Budget	2015/16 Adjusted Budget	Medium-term Estimates		
			2016/17	2017/18	2018/19
Central Development	-	-	5 820	50	14 250
Eastern Development	1 050	2 102	20 210	10 500	7 245
Northern Development	6 023	5 517	20 151	21 588	16 018
Western Development	50	188	2 400	1 400	2 100
Southern Development	8946	77	-	-	-
Across Various Corridors	2 443	10 628	2 836	-	-
Total	18 512	18 512	51 417	33 538	39 613

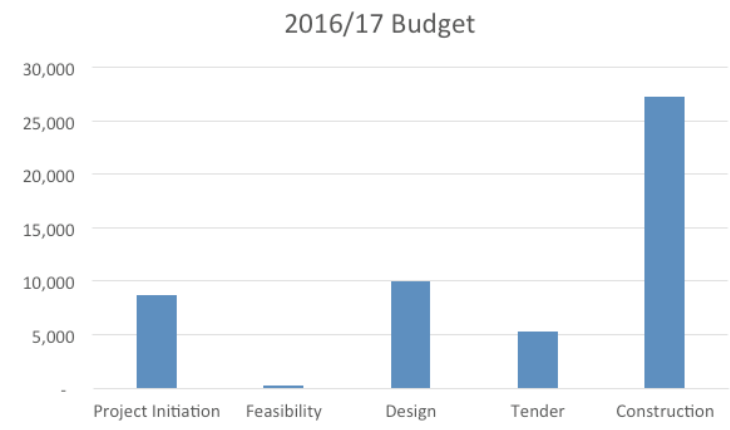
For each and every financial year, the department deals with various activities to deliver infrastructure as follows;

- Closure of activities from the previous year's implementation,
- Implementation activities for the current year's implementation; and
- Planning activities for the subsequent year's implementation.

In an endeavour to implement the above activities, adequate time for planning, design and procurement processes becomes fundamental. Of the allocated budget in 2016/17 financial year for capital projects, a budget of R27.3 million or 53 percent is allocated to projects at construction stage, R10 million or 19 percent is allocated to projects at design stage, R200 thousand or 0, 5 percent is allocated to projects at feasibility stage, R8.3 million or 17 percent is allocated to projects at project initiation stage and R5.2 million or 10 percent is allocated to various maintenance projects that are at project initiation stage.

Figure 1 below indicates the budget allocation across various projects stages in the 2016/17 financial year.

Figure 1: 2016/17 Budget across various stages of the project lifecycle



Eastern Development Corridor

The Eastern development corridor is anchored around the Ekurhuleni, Aerotropolis as a hub for manufacturing, aviation, logistics and transport industries. Over the 2016 MTEF, a budget of 37.9 million is allocated towards projects that are implemented within the Eastern development corridor. In 2016/17 financial year, R8.4 million is allocated mainly for the upgrading and additions work as well as maintenance work to be undertaken at the nature reserves. Key projects planned to be completed in 2016/17 financial year include the upgrading and additions work to be undertaken at Marievale Nature Reserve, Renovation of the Oxidation Tank at Kareekloof.

Table 4: Eastern Development Corridor

Category	2015/16 Main Budget	2015/16 Adjusted Budget	Medium-term Estimates		
			2016/17	2017/18	2018/19
New or Replaced Infrastructure	-	-	-	-	-
Renovations & Rehabilitation	1 000	2 000	10 105	-	-
Upgrade and Additions	-	-	8 105	50	300
Maintenance and Repairs	50	102	2 000	10 450	6 945
Total	1 050	2 102	20 210	10 500	7 245

Northern Development Corridor

The Northern development corridor is anchored around the City of Tshwane as a hub for automotive sector, research, development, innovation and the knowledge-based economy. Over the 2016 MTEF, a budget of R57.7 million is allocated towards projects to be implemented within the Northern development corridor. In 2016/17 financial year, R4.2 million is allocated towards renovations and rehabilitation work, R9.3 million is allocated towards upgrading and additions work and R6.6 million is allocated towards maintenance work to be undertaken at nature reserves. Key projects planned to be completed in 2016/17 financial year include the new pipe network at the Roodeplaat Nature reserve.

Table 5: Northern Development Corridor

Category	2015/16 Main Budget	2015/16 Adjusted Budget	Medium-term Estimates		
			2016/17	2017/18	2018/19
New or Replaced Infrastructure	400	-	-	-	-
Renovations & Rehabilitation	2 000	1 297	4 235	6 500	2 000
Upgrade and Additions	1 500	701	9 316	4 888	1 498
Maintenance and Repairs	2 123	3 519	6 600	10 200	12 520
Total	6 023	5 517	20 151	21 588	16 018

Western Development Corridor

The Western development corridor is anchored around the West Rand area for the creation of new industries, new economic nodes and new cities. Over the 2016 MTEF, a budget of R5.9 million is allocated towards projects to be implemented within the Western development corridor. In 2016/17 financial year, R1 million is allocated towards upgrading and additions work and R1.4 million is allocated towards the maintenance work to be undertaken at nature reserves. Key projects planned to be completed in 2016/17 financial year include the installation of fence at Abe Bailey Nature Reserve.

Table 6: Western Development Corridor

Category	2015/16 Main Budget	2015/16 Adjusted Budget	Medium-term Estimates		
			2016/17	2017/18	2018/19
New or Replaced Infrastructure	-	-	-	-	-
Renovations & Rehabilitation	-	-	-	-	-
Upgrade and Additions	-	-	1 000	-	-
Maintenance and Repairs	50	188	1 400	1 400	2 100
Total	50	188	2 400	1 400	2 100

Central Development Corridor

The Central development corridor is anchored around the City of Johannesburg, as a hub of finance, services, ICT and pharmaceutical industries. Over the 2016 MTEF, a budget of R20.1 million is allocated towards projects to be implemented within the Central development corridor. In 2016/17 financial year, R5.8 million allocated for building internal capacity for planning and monitoring of the infrastructure programme. Key projects planned to be completed in 2016/17 financial year include internal capacity building to enable efficient infrastructure delivery.

Table 7: Central Development Corridor

Category	2015/16 Main Budget	2015/16 Adjusted Budget	Medium-term Estimates		
			2016/17	2017/18	2018/19
Renovations & Rehabilitation	1 000	1 000	-	50	14 200
Upgrade and Additions	5 050	5 050	-	-	-
Maintenance and Repairs	2 896	2 896	5 820	-	50
Total	8 946	8 946	5 820	50	14 250

Projects Spanning across Various Corridors

Over the 2016 MTEF, a budget of R8.7 million is allocated towards projects that span across various development corridors. In 2016/17 financial year, R2.8 million allocated for implementing projects that will favour labour-intensive use methods in line with the EPWP standard.

Table 8: Spanning across Various Corridors

Category	2015/16 Main Budget	2015/16 Adjusted Budget	Medium-term Estimates		
			2016/17	2017/18	2018/19
New or Replaced Infrastructure	-	-	-	-	-
Renovations & Rehabilitation	-	1 174	-	-	-
Upgrade and Additions	-	3 634	-	-	-
Maintenance and Repairs	2 443	5 820	2 836	-	-
Total	2 443	10 628	2 836	-	-

5. EXPANDED PUBLIC WORKS PROGRAMME

According to the Division of Revenue Act, the purpose of the Expanded Public Works Programme (EPWP) incentive grant is to expand work creation efforts using labour-intensive delivery methods in the following identified focus areas, in accordance with EPWP guidelines:

- Road maintenance and the maintenance of buildings,
- Low traffic volume roads and rural roads,
- Other economic and social infrastructure,
- Tourism and cultural industries, and
- Sustainable land based livelihoods.

In 2016/17, it is anticipated that number of jobs will be created through the implementation of labour intensive type of projects in Abey Bailey, Roodeplaat nature reserve, Kareekloof and through maintenance work to be done across all reserves.

Estimates of Capital Expenditure

Project No.	Project name	Project Status	Municipality / Region	Development Corridor	Economic Classification (Buildings and Other fixed Structures, Goods & Services, Plant,machinery & Equipments, COE)	Type of infrastructure
R thousands						Irrigation scheme; borehole; storage and marketing facil- ity; fencing; animal housing facility; access road etc
1. Upgrades and additions						
1	Suikerbosrand Nature Reserve	Construction	Ekurhuleni	Eastern	Non-residential buildings	Nature Reserve:Southern water line
2	Abe bailey Nature Reserve	Tender	Merafong City	Western	Non-residential buildings	Nature Reserve: Construction of fence
3	Marievale Nature Reserve	Construction	Ekurhuleni	Eastern	Residential buildings	Access Road: Road between reserve and mine
4	Leewfontein Nature Reserve	Feasibility	City of Tshwane	Northern	Residential buildings	Nature Reserve: Basic picnic site for day visitors
5	Roodeplaat Nature Reserve	Construction	City of Tshwane	Northern	Non-residential buildings	Nature reserve: New pipe network for the whole reserve from municipal line
Total Upgrades and additions						
2. Rehabilitation, renovations and refurbishments						
6	Roodeplaat Nature Reserve	Project initiation	City of Tshwane	Northern	Non-residential buildings	Nature Reserve:Paving for disabled walking trail
7	Kareekloof	Design	Ekurhuleni	Eastern	Non-residential buildings	Renovation of Oxidation tank
	Suikerbosrand Nature Reserve	Terminated	Ekurhuleni	Eastern	Non-residential buildings	Nature Reserve: Cupboards,bathroom of Schoongesight house
8	Vredehuis Regional office	Project Initiation	City of Tshwane	Northern	Non-residential buildings	Office buildings: Upgradings of existing amenities
9	Rust de Winter	Project Initiation	City of Tshwane	Northern	Non-residential buildings	Refurbishment of facilities
10	Suikerbosrand Nature Reserve	Project Initiation	Ekurhuleni	Eastern	Non-residential buildings	Nature Reserve: Upgrade of Diepkloof picnic site
11	Themba Satellite Office	Feasibility	City of Tshwane	Northern	Non-residential buildings	Office buildings:Upgrading of Vets mobile Clinics parking
12	Themba Satellite Office	Feasibility	City of Tshwane	Northern	Non-residential buildings	Office Buildings: Upgrade of Vets student residence
Total Rehabilitation, renovations and refurbishments						
3. Maintenance and repairs						
13	Suikerbosrand Nature Reserve	Project Initiation	Ekurhuleni	Eastern	Non-residential buildings	Nature reserve
14	Marievale Nature Reserve	Project Initiation	Ekurhuleni	Eastern	Non-residential buildings	Nature reserve
15	Alice Glocner Nature Reserve	Project Initiation	Ekurhuleni	Eastern	Non-residential buildings	Nature reserve
16	Roodeplaat Nature Reserve	Project Initiation	City of Tshwane	Northern	Non-residential buildings	Nature reserve
17	Leewfontein Nature Reserve	Project Initiation	City of Tshwane	Northern	Non-residential buildings	Nature reserve
18	Roodeplaat Training Centre	Project Initiation	City of Tshwane	Northern	Non-residential buildings	Nature reserve
19	Abe bailey Nature Reserve	Project Initiation	Merafong City	Western	Non-residential buildings	Nature reserve
20	Themba Satellite Office	Project Initiation	City of Tshwane	Northern	Non-residential buildings	Office Buildings
21	Kareekloof	Project Initiation	City of Johannesburg	Central	Non-residential buildings	rehabilitation of facilities
22	Vredehuis Regional office	Project Initiation	City of Tshwane	Northern	Non-residential buildings	Office Buildings
Total Maintenance and repairs						
23	Internal capacity Building- Pro- gramme/Project Managemtne and Planning	Project initiation	Various	Various	Non Infrastructure Related	Non-infrastructure related
24	Expanded Public Works Programme	Project Initiation	Ekurhuleni	Eastern	Non-residential buildings	Expanded Public Works Programme
Total Agriculture Infrastructure						

Project duration		Source of funding	Budget programme name	Delivery Mechanism (Individual project or Packaged Program)	Total project cost	Total Expenditure to date from previous years	Total available	"MTEF	
Date: Start	Date: Finish						2016/17	MTEF 2017/18	MTEF 2018/19

1/07/2011	31/12/2016	Equitable share	Environmental Affairs	Individual project	18,730	8,973	4,768	-	-
1/04/2016	31/03/2017	Equitable share	Environmental Affairs	Individual project	7,000	-	1,000	-	8,338
2/11/2015	31/07/2016	Equitable share	Agriculture and Rural Development	Individual project	5,484	3,012	3,337	-	-
1/05/2016	31/03/2017	Equitable share	Environmental Affairs	Individual project	400	-	200	-	-
7/02/2016	29/11/2016	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	9,116	-	-
							18,421	-	8,338

01/08/2015	28/11/2017	Equitable share	Environmental Affairs	Individual project	8	-	-	3,338	-
15/08/2015	15/09/2016	Equitable share	Environmental Affairs	Individual project	2,285	795	10,105	-	-
1/04/2015	31/03/2016	Equitable share	Environmental Affairs	Individual project	200	-	-	5,000	-
1/04/2016	31/03/2017	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	4,235	-	-
01/12/2015	31/03/2017	Equitable share	Environmental Affairs	Individual project	700	-	-	1,500	-
01/12/2015	31/03/2019	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	-	50	-
1/04/2018	31/03/2019	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	-	1,500	-
1/04/2018	31/03/2019	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	-	50	-
							14,340	11,488	-

1/04/2018	31/03/2019	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	1,400	5,100	13,500
1/04/2018	31/03/2019	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	300	6,300	1,550
1/04/2018	31/03/2019	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	300	1,550	850
01/04/2015	31/03/2016	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	2,200	4,000	4,600
01/04/2015	31/03/2016	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	1,000	1,500	1,825
01/04/2015	31/03/2016	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	1,400	1,600	500
01/04/2015	31/03/2016	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	1,400	2,000	7,800
01/04/2015	31/03/2016	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	100	-	50
01/10/2015	31/03/2018	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	1,545	50	-
01/04/2015	31/03/2016	Equitable share	Environmental Affairs	Individual project	Not yet Available	-	355	-	600
					-	-	10,000	22,050	31,275
Not Applicable	Not Applicable	Equitable share	Environmental Affairs	Not Applicable	-	-	5,820	-	-
1/04/2016	31/03/2017	Equitable share	Environmental Affairs	Individual project	-	-	2,836	-	-
							51,417	33,538	39,613

