

NOTIFICATION OF INTENT TO DEVELOP

DEA Pending

Reference:

Digby Wells ILI2395

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NOTICE OF INTENT TO DEVELOP FOR THE REPLACEMENT OF A PIPE BRIDGE IN STOFFEL PARK, MAMELODI EAST

1 INTRODUCTION

Digby Wells Environmental (hereafter Digby Wells) has been requested by Iliso Consulting Engineers (hereafter Iliso) to undertake a Heritage Impact Assessment (HIA) in order to comply with certain requirements in terms of the National Environmental Management Act, 1998 (NEMA) and the National Heritage Resources Act, 1999 (NHRA) for the replacement of an informal pipe bridge in Stoffel Park, Mamelodi East

1.1 Project Location

Name of property	Franspoort 332-JR and Erf 6149 of Mahube Valley X20
Erf or farm numbers	Portion 195 of 332 JR and Erf 6149
Coordinates of approximate centre of project area	-25.699519
	28.424182
Nearest Town	Pretoria
Responsible Municipality	City of Tshwane Metropolitan Municipality
Extent of property	1620.73 ha
Maximum extent of proposed development	±1 ha
Current use	River crossing
Predominant land use/s of surrounding properties	Informal residential use and retail use

1.2 Registered Owner of Affected Properties

Table 1-1: Registered Owners

ITEM	CONTACT DETAILS
Title Deed Owner	City of Tshwane Metropolitan Municipality

2 PROJECT/DEVELOPMENT DETAILS

Certain areas within the City of Tshwane (CoT) are prone to flooding during rainfall events due to anthropogenic activities such as the increase in residential development. This may pose a serious risk to human lives and damage to infrastructure. One of the areas that are prone to flooding is the crossing over a spruit in the Stoffel Park area.

The project will include the replacement of a dangerous informal bridge over the Edendalespruit at Stoffel Park (Mamelodi East) with a low level bridge structure 18 m long and 4, 5 m wide (4 m road width and 1, 5 m for a pedestrian walkway) and will consist of a battery of 8 no. 2, 1 m wide x 1, 2 m high pre cast box culvert units.

The proposed improvements and construction activities will inter alia entail the following:

- The temporarily closure of the road and the removal of the existing drainage structure;
- The necessary excavations to install the box culvert structure as well as to improve the alignment of the existing water course;
- The construction of the new structure and reinstatement of the road;
- Installation of erosion protection measures upstream of the new structure to stabilise the new watercourse alignment; and
- The clearing of the construction site.

2.1 NHRA Section 38 Triggers

The following activities may require a HIA in terms of Section 38 of the NHRA.

	NHRA Section 38 (1) Activities / Triggers		Summary description (E.g. 500 m conveyor belt, open cast pit, etc.)
<input type="checkbox"/>	a	Any linear development or barrier >300 m	
<input type="checkbox"/>	b	Any bridge or similar structure >50 m	
<input type="checkbox"/>	c	Any development or activity that will change the character of a site:	
	<input type="checkbox"/>	i ≥5 000m ² in extent	
	<input type="checkbox"/>	ii Involving ≥3 existing erven/	

NHRA Section 38 (1) Activities / Triggers			Summary description (E.g. 500 m conveyor belt, open cast pit, etc.)
		subdivisions	
<input type="checkbox"/>	iii	Involving ≥3 or more erven/divisions consolidated within past 5 years.	
<input type="checkbox"/>	d	Rezoning of a site ≥10 000m ² in extent.	
<input checked="" type="checkbox"/>	e	Other triggers, e.g.: in terms of other legislation, (i.e.: National Environment Management Act, etc.)	NEMA application

2.2 Activities

The following Listed Activities will require a HIA in terms of Section 38(1) of the NHRA.

Government Notice (GN)	NEMA Activity No.	NHRA Trigger	Description	Expected duration/phase
R544	11	38 (1) e	Other triggers, e.g.: in terms of other legislation, (i.e.: National Environment Management Act, etc.)	Construction phase
R544	18	38 (1) e	Other triggers, e.g.: in terms of other legislation, (i.e.: National Environment Management Act, etc.)	Construction phase

2.3 Additional Impact Assessment Process

The following impact assessment processes are currently being undertaken for the proposed project.

Legislation, i.e. NEMA, MPRDA, etc.	NEMA
Consenting Authority that has/will receive information	DEA
Present phase of process at Authority, e.g. Draft Scoping Report	Draft Scoping Report/ Basic Assessment Report

3 IDENTIFIED/KNOWN HERITAGE RESOURCES AND POTENTIAL IMPACTS

The following categories of heritage resources as defined in Section 3 of the NHRA are known to occur within the proposed project area.

<input type="checkbox"/>	3(2)(a)	Places, buildings, structures and equipment of cultural significance
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(b)	Places to which oral traditions are attached or which are associated with living heritage
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(c)	Historical settlements and townscapes
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(d)	Landscapes and natural features of cultural significance
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(e)	Geological resources of scientific or cultural importance
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(f)	Archaeology and/or palaeontology (<i>Including archaeological sites and material, fossils, rock art, battlefields & wrecks</i>)
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(g)	Graves and burial grounds (<i>eg: ancestral graves, graves of victims of conflict, historical graves & cemeteries</i>)
		<i>Description of resource:</i>
		<i>Potential impact:</i>

<input type="checkbox"/>	3(2)(a)	Other human remains
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(h)	Sites of significance relating to the history of slavery in South Africa
		<i>Description of resource:</i>
		<i>Potential impact:</i>
<input type="checkbox"/>	3(2)(i)	Movable objects
		<i>Description of resource:</i>
		<i>Potential impact:</i>

3.1 Illustrative Material

For site maps, please refer to the attached Heritage Statement.

4 RECOMMENDATION

Is a Heritage Impact Assessment required?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<p>If NO, provide motivation: The project area has undergone substantial transformations and development. Any heritage resources within the project will not be preserved <i>in situ</i>. A Watching Brief should be conducted and Chance Finds Procedures should be put in place if any heritage resources are identified during construction.</p>			
<p>If YES, provide suggested components that may be required or undertaken during HIA.</p>			
<input type="checkbox"/>	Archaeology	<input type="checkbox"/>	Architecture
<input type="checkbox"/>	Built Environment	<input type="checkbox"/>	Burial Grounds and Graves
<input type="checkbox"/>	Palaeontology	<input type="checkbox"/>	Public Participation
<input type="checkbox"/>	Townscapes	<input type="checkbox"/>	Visual Impact
<input type="checkbox"/>	Other:		
<p>Recommendation made by: Digby Wells Environmental</p> <p>Name: Natasha Higgitt and Johan Nel</p> <p>Capacity: Archaeology Consultant and HRM Unit Manager</p>			