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Our Reference: 3475.1

Attention: Janet Ebersohn

ERF 12403, KNYSNA – TRANSPORT COMMENTS ON REVISED ACCESS CONFIGURATION

We refer to your request for comments on the expected transport impact associated with the proposed change to the access configuration for the development on Erf 12403 in Knysna. Innovative Transport Solutions (ITS) conducted a transport impact assessment for the proposed development on Erf 12403, Knysna during October 2018. This letter is in support of a proposal to omit the secondary access off Howard Street and this letter serves as an addendum to the October 2018 TIA.

With the previous development proposal, the site had two accesses. The main access was off George Rex Drive at The Moorings access with a recommendation that the access should be upgraded to a roundabout. A secondary access was also proposed off Howard Street approximately 90 metres to the east of the George Rex Drive intersection.

During the EIA process it became evident that the secondary access will have to be built through a sensitive wetland area, which is not ideal. It is now proposed to omit the secondary Howard Street access and only have the one access off George Rex Drive as previously proposed with a roundabout at The Moorings access. The table below shows the expected change in the measures of efficiency at the roundabout from what was reported in the October 2018 TIA and how the roundabout will operate with the new proposal with the development traffic through the roundabout.

Table 1: Expected Change in MOEs at the George Rex Drive Access with the Revised Access Configuration

Scenario	AM Peak Hour				PM Peak Hour			
	CM	LOS	Delay	V/C	CM	LOS	Delay	V/C
Two accesses as per October 2018 TIA	SB	A	7.3	0.59	SB	B	10.7	0.73
New proposal – One Access	SB	A	7.4	0.60	SB	B	11.1	0.74

LOS – Level of Service; CM – Critical Movement; Delay – Seconds per Vehicle; V/C – Volume per Capacity

From **Table 1** it is evident that the change in the measures of efficiency at the main access is insignificant with the new access proposal. The traffic volumes previously routed via the Howard Street access was low and the proposed change to the access configuration has a low negative significance in terms of the expected change in the transport impact associated with the proposed development on Erf 12403 in Knysna

If you have any questions please call us at (021) 914 6211 or on 083 272 3474.

Yours sincerely,



J. Christoff Krogshoopers, Pr. Eng, Ph.D.
 Innovative Transport Solutions

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