

Technical Note 3

PROPOSED PHASING PLAN FOR THE UPGRADE OF THE EXTERNAL ROAD NETWORK

The table below shows the proposed phasing plan for the external road network in line with the phasing plan for the proposed Tinley Manor Southbanks Development. The road network upgrades are shown for the 5 year scenario, the 10 year scenario and the 20 year scenario.

Each scenario consists of traffic generated by the Tinley Manor Southbanks development as well as the following:

- Background traffic at a growth rate of 3% as per the Tinley Manor Southbanks Traffic Impact Assessment
- Traffic generated by the proposed Seaton Delaval Development
- Traffic generated by the Palm Lakes Development
- Traffic generated by the Nkwazi (now Springvale Estate) Development
- Traffic generated by the Blue Gum Estate Development

Road network segment

	P228: Section between P330 and P474	P228: Section between P474 and Tinley Manor Access	Intersection of P228 and P330	Intersection of P228 and P474	Intersection of P228 and Tinley Manor Access	Proposed Sheffield Interchange	Intersection of P228 and Tinley Manor College Access	P228: Section between Tinley Manor Main Access and Tinley Manor College Access
5 Year								
TMSB Phase 1 TMSB Phase 2	Upgrade to a 4 lanes road with 2 lanes in each direction	Upgrade gravel section to blacktop with 1 lane in each direction	Major intersection upgrade required	No upgrades required	Major intersection upgrade required	Interchange not needed	No upgrades required	No upgrades required
10 Year								
TMSB Phase 3 TMSB Phase 4 TMSB Phase 5	No further upgrades required	Upgrade to a 4 lanes road with 2 lanes in each direction	Minor intersection upgrade required	Major intersection upgrade required	Minor intersection upgrade required	Introduce Sheffield diamond interchange	No upgrades required	No upgrades required
20 Year								
TMSB Phase 6 TMSB Phase 7 TMSB Phase 8 TMSB Phase 9 TMSB Phase 10	No further upgrades required	No further upgrades required	No further upgrades required	No further upgrades required	Major intersection upgrade required	Upgrade diamond interchange with a loop ramp	Major intersection upgrade required	Upgrade to a 4 lanes road with 2 lanes in each direction