

SECTION/CHAPTER		TO INCLUDE	FORMAT	FINAL FORMAT PUBLICATION		
1. Preamble/Description/ToR		Project reference, Brief description + major features bulleted Design brief/Tor, climatic area, elevation	< 1 page			
2. Locality and Key Plan		Showing extent and Reference to centres, (*.kmz) file	Picture			
		Line diagram key plan showing intersections, structures, chainages/references/ITIS ref (All relevant links)	Excerpts from design drawings or actual	Book of Drawings		
3. Traffic		Line diagrams showing current AADT & HVADT, records used, historic growths, on all links.	Line diagram			
		Growth scenarios table, +10,+15, +20 (AADT, HVADT, design E80's worst lanes, LOS	Table			
4. Designed X-sections		For all major possible scenarios/extents, link and cross road developments, offset (s) from existing centre/reference line, drainage, cut/fill scenarios, sub surface drains, G/R, Pavement designs, tie ins to existing, road reserve	Excerpts from design drawings or actual	Book of Drawings		
4.1 Materials		Undercut, Road bed prep, Topsoil, berms, Borrow pits, Quarries, haul, etc. Descriptions, Details, sketches tables	Excerpts from design drawings or Book of Drawings	Materials Report		
4.2 Options		Alternative X-section options	Table and sketches			
4.3 Options		Alternative pavement designs	Table and sketches			
5. Design Layout and Longitudinal sections		General evaluation of existing alignment as applicable, Table + notes	Table			
		Diagrams of problem/solutions	sketches	Book of Drawings		
6.Designs of Intersections/ Interchanges		Evaluation/motivation	Table/ sketches	Book of Drawings		
7. Structures						
7.1 Existing Structures		Design X-section, Layouts, design flood determination table, assessment, motivations, costs	Table/ sketches	Book of Drawings		
7.2 New structures Including major culverts		Design X-section, Layouts, design flood determination table, assessment, motivations, costs	Table/ sketches	Book of Drawings		
8. Traffic Accommodation		Options, sketches, diagrams, costs	Book of Drawings	Book of Drawings		

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9. Road marking						
9.1 line marking		Design Details (table)	Book of Drawings	Book of Drawings		
9.2 Road studs		Details	Book of Drawings	Book of Drawings		
9.3 Merges, Barriers, passing, climbing lanes etc.		Design Details	Book of Drawings	Book of Drawings		
10 Road furniture						
10.1 Guardrails		Options, sketches, diagrams, costs	Book of Drawings	Book of Drawings		
10.2 Road signs		Options, sketches, diagrams, costs	Book of Drawings	Book of Drawings		
10.3 NJ Barriers		Options, sketches, diagrams, costs	Book of Drawings	Book of Drawings		
10.4 Lighting		Options, sketches, diagrams, costs	Book of Drawings	Book of Drawings		
11. Cost Estimate		Options, Quantities, SoQ's, rates motivation, uncertainties,	Schedule of Quantities, Costed			
12. Miscellaneous						
12.1 Environmental		Description/details as required, Table, sketches	Book of Drawings	Book of Drawings		
12.2 Land Acquisition		Description/details as required, Table, sketches	Book of Drawings	Book of Drawings		
12.3 Services		Description/details as required, Table, sketches	Book of Drawings	Book of Drawings		
13. Recommendations		As applicable	List			
13.1 Draft Tender Docs		Special provisions as required, motivation	Detail			
13.2 Conditions		other	Table			