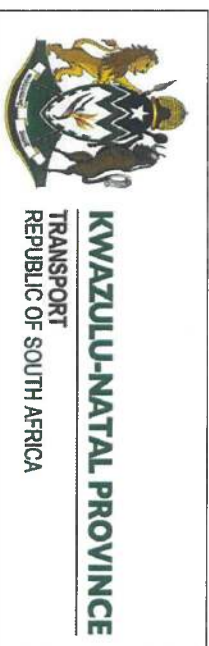


PROVINCE OF KWAZULU-NATAL
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INDEX TO STANDARD DETAILS

MISCELLANEOUS

SD 0101 Construction Board

TYPICAL CROSS SECTIONS

SD 0201 Type 1A Rural Provincial Freeway
SD 0202 Type 1B Urban Provincial Freeway
SD 0203 Type 1C Urban Divided Arterial Road
SD 0204 Type 2A 4 Lane Undivided Arterial Road
SD 0205 Type 2B High Standard Primary Road
SD 0206 Type 2C Primary Road
SD 0207 Type 3 Secondary Road
SD 0208 Type 4 Low Standard Secondary or Tertiary Road
SD 0209 Type 5 Secondary or Tertiary Gravel Road
SD 0210 Type 6 District Gravel Road
SD 0211 Type 7A Local Gravel Road
SD 0212 Type 7B Local Gravel Road

LAYOUTS

SD 0301 Setting Out Details - Type A1 Access
SD 0302 Setting Out Details - Type A2 Access (with painted refuge island)
SD 0303 Setting Out Details - Type B1 and B3 Accesses
SD 0304 Setting Out Details - Type B2 Access (with painted refuge island)
SD 0305 Setting Out Details - Bus Bay and Pedestrian Crossing Island
SD 0306 Setting Out Details - Type C Access
SD 0307 Road Surface Warning Devices
SD 0308 Typical Intersection of Major Roads
SD 0309 Kerbed Island Details
SD 0310 On Ramps
SD 0311 Off Ramps
SD 0312 Setting Out Details - Bus Bay (Concrete)
SD 0313 Typical Auxiliary Lane Transitions

CROSS DRAINAGE ELEMENTS

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SD 0402 Pipe Culvert Headwalls (Concrete)
SD 0403 600 Dia. Pipe Culvert Headwalls (Gabion/Pitched)
SD 0404 Precast Concrete Portal Culvert Headwalls (Concrete)
SD 0405 Depressed Inlet
SD 0406 Pipe Culvert Headwalls (Masonry)

CROSS DRAINAGE ELEMENTS CONTINUED

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SD 0502 Cut Slope Subsoil Drains

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SD 0604 Mitre Chute
SD 0605 Pipe Chute, Open Chute and Catchwater Bank Details
SD 0606 Side Drain Bolster Details

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SD 0702 Drop Inlet and Grid Inlet Details
SD 0703 Side Inlet Details
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SD 1002 Service Legends and Service Markers
SD 1003 Service Markers - Positioning and Structural Details

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SD 1101 Guardrail Erection
SD 1102 Guardrail End Treatment
SD 1103 Median Barriers
SD 1104 Replacement Steel Handrail for Existing Narrow Bridges
SD 1105 Roller Safety Barrier

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SD 1202 Wooden Supported Stockproof Fencing
SD 1203 Concrete Supported Stockproof Fencing
SD 1204 Pedestrian Security Fencing (Diamond Mesh)
SD 1205 Pedestrian Security Fencing (Welded Mesh)
SD 1206 Cattle Grid (Metal) (for secondary and district roads)
SD 1207 Cattle Grid (Concrete) (for secondary and district roads)
SD 1208-1 Game Grid - General Layout
SD 1208-2 Game Grid - Concrete Details
SD 1208-3 Game Grid - Reinforcement Details

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SD 1301 Erection of Metal Signs on Creosoted Poles
SD 1302 Positioning of Signs
SD 1303 Signposting for Detours and Lane Closures
SD 1304 Signposting at Roadworks
SD 1305 Signposting for Mobile Maintenance Operations

STRUCTURES (Approval from this Department's Chief Engineer - Structural Design required prior to implementation)

SD 1401 Standard Pipe Causeway (for rock foundation only)
SD 1402 Standard Portal Causeway (for rock foundation only)

