



Earthwork Quantities	Cut (m³)	3247 227m³	3223 454m³	21318 940m³	214 349m³
	Adj.Cut (m³)	3247 227m³	3223 454m³	21318 940m³	214 349m³
	Fill (m³)	52 458m³	30381 555m³	322 128m³	21067 936m³

Vertical Alignment	V-cl K-val	4000	400 000 47 474	407 774	4123 170	555 000 30 839	4278 170	4370	400 000 80 392	4770	510 000 30 373	6000
Grade (%)			3.841				-1.185					10.631
Finished Road Levels (Top of Surfacing)	-4.250 Metres Left of Centre Line	1401.940	1402.090	1402.175	1402.090	1402.515	1402.090	1402.175	1402.090	1402.515	1402.090	1402.175
	PIVOT POINT 0.00 Centre Line	1403.107	1402.857	1402.732	1402.657	1403.833	1403.308	1403.383	1403.308	1403.833	1403.308	1403.383
	4.250 Metres Right of Centre Line	1404.595	1404.043	1404.128	1404.043	1405.197	1404.912	1404.887	1404.912	1405.197	1404.912	1404.887
Staked Line Ground Levels		1401.940	1402.090	1402.175	1402.090	1402.515	1402.090	1402.175	1402.090	1402.515	1402.090	1402.175
		1403.107	1402.857	1402.732	1402.657	1403.833	1403.308	1403.383	1403.308	1403.833	1403.308	1403.383
		1404.595	1404.043	1404.128	1404.043	1405.197	1404.912	1404.887	1404.912	1405.197	1404.912	1404.887
Superelevation	Left Hand Edge											
	Right Hand Edge											
Horizontal Alignment	Horizontal Cardinal Points											
	Tangent Length Curve Length											
Staked Kilometre Distance		4000	4020	4040	4060	4080	4100	4120	4140	4160	4180	4200

<b>AS BUILT</b> SUPERVISING ENGINEER: _____ DATE: _____ SUPERVISING AUTHORITY: _____	CONTINUED FROM: C41986 CONTINUED ON: C41988 CROSS SECTION NO. C41972-C41984 PLAN NO. C41968-C41970 NAIDU CONSULTING - CONSULTING ENGINEER: K GOVENDER SIGN: _____ DATE: _____	DESIGNED BY: M. SINGH CHECKED BY: K.GOVENDER DRAWN BY: M MARAIS CHECKED BY: S RAMATHER DATE: _____	Designed by- <b>NAIDU CONSULTING</b> Naidu Consulting no.- D267/2256/D	 Department: Transport Province of KwaZulu-Natal	<b>UPGRADING OF MAIN RD P402 (HOLY FAMILY CONVENT - KWAMGWAGWA)</b> TRANSPORTATION ENGINEER: CHIEF ENGINEER HEAD: TRANSPORT	STAKED KM DISTANCE: KM 4+000 - KM 6+000 SCALE: HOR 1:2000 VERT 1:200 SHEET 3 OF 4 <b>C41987</b>
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