

PAVIMENTAÇÃO ASFÁLTICA DE VIAS URBANAS

NOTAS DE SERVIÇO DE TERRPLENAGEM

Localização:	RUAS DIVERSAS DA SEDE DO MUNICÍPIO E DO DISTRITO DE SANTO ISIDORO
Município:	TRÊS BARRAS DO PARANÁ
Extensão:	1.785,03m
Área Total da Obra:	15.794,32m ²
Proponente:	MUNICÍPIO DE TRÊS BARRAS DO PARANÁ
Elaboração:	IVAN RODRIGO DAL-BERTI & CIA LTDA
Responsável Técnico:	RODRIGO LUDWIG - CREA: SC-642808/D

RODRIGO LUDWIG
Eng. Civil – CREA: SC-642808/D
RESPONSÁVEL TÉCNICO

MUNICÍPIO DE TRÊS BARRAS DO PARANÁ
CNPJ: 78.121.936/0001-68
PROPONENTE

PROLONGAMENTO DA RUA VERENA DAL-MAGRO

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							549,858	4,099	7185573,812	280468,043	550,334	550,024	-0,310	550,142	3,500	550,463	3,650	550,479	4,450		
0 + 1,397				550,283	4,450	550,267	3,650	549,909	3,500	7185572,968	280469,156	550,346	550,046	-0,300	550,133	3,500	550,458	3,650	550,474	4,450		
1 + 0,000				550,601	4,450	550,585	3,650	550,232	3,500	7185561,730	280483,981	550,317	550,337	-0,280	550,232	3,500	550,585	3,650	550,601	4,450		
2 + 0,000	PC			550,913	4,450	550,897	3,650	550,544	3,500	7185549,648	280499,919	550,961	550,649	-0,312	550,544	3,500	550,897	3,650	550,913	4,450		
2 + 5,000				550,992	4,450	550,976	3,650	550,623	3,500	7185546,546	280503,840	551,031	550,728	-0,303	550,623	3,500	550,976	3,650	550,992	4,450		
2 + 10,000				551,070	4,450	551,054	3,650	550,701	3,500	7185543,285	280507,630	550,100	550,806	0,706	550,701	3,500	551,054	3,650	551,070	4,450		
2 + 15,000				551,148	4,450	551,132	3,650	550,779	3,500	7185539,870	280511,282	551,166	550,884	-0,282	550,779	3,500	551,132	3,650	551,148	4,450		
3 + 0,000	PT=PF			551,226	4,450	551,210	3,650	550,857	3,500	7185536,308	280514,790	551,222	550,962	-0,260	550,857	3,500	551,210	3,650	551,226	4,450		

RUA INDUSTRIAL

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							546,796	4,433	7185724,951	280408,269	546,846	546,536	-0,310	546,255	4,448						
1 + 0,000				547,600	4,450	547,584	3,650	547,231	3,500	7185733,715	280390,291	547,645	547,336	-0,309	547,231	3,500	547,584	3,650	547,600	4,450		
1 + 2,366	PCV			547,695	4,450	547,679	3,650	547,326	3,500	7185734,751	280388,165	547,731	547,431	-0,300	547,326	3,500	547,679	3,650	547,695	4,450		
1 + 5,000				547,792	4,450	547,776	3,650	547,423	3,500	7185735,905	280385,797	547,818	547,528	-0,290	547,423	3,500	547,776	3,650	547,792	4,450		
1 + 10,000	DEF1			547,941	4,450	547,925	3,650	547,572	3,500	7185738,096	280381,303	547,875	547,777	-0,198	547,572	3,500	547,925	3,650	547,941	4,450		
1 + 15,000				548,044	4,278	548,028	3,478	547,675	3,328	7185740,438	280376,885	547,919	547,775	-0,144	547,675	3,332	548,028	3,482	548,044	4,282		
2 + 0,000				548,098	4,111	548,082	3,311	547,729	3,161	7185742,781	280372,467	547,964	547,824	-0,140	547,729	3,162	548,082	3,312	548,098	4,112		
2 + 2,350	PCRIT.			548,106	4,033	548,090	3,233	547,737	3,083	7185743,881	280370,391	547,988	547,829	-0,159	547,725	3,082	548,080	3,232	548,096	4,032		
2 + 5,000				548,101	3,944	548,085	3,144	547,732	2,994	7185745,123	280368,050	548,015	547,822	-0,193	547,708	2,992	548,065	3,142	548,081	3,942		
2 + 10,000				548,055	3,778	548,039	2,978	547,686	2,828	7185747,465	280363,632	548,066	547,771	-0,295	547,640	2,822	548,002	2,972	548,018	3,772		
2 + 12,295	DEF2			548,017	3,700	548,001	2,900	547,648	2,750	7185748,540	280361,605	548,076	547,730	-0,346	547,593	2,750	547,956	2,900	547,972	3,700		
2 + 15,000				547,956	3,700	547,940	2,900	547,587	2,750	7185749,911	280359,273	548,016	547,669	-0,347	547,613	1,672						
2 + 17,226	DEF3			547,895	3,700	547,879	2,900	547,526	2,750	7185751,039	280357,354	547,971	547,608	-0,363								
2 + 17,226	DEF3*			547,842	5,450	547,826	4,650	547,473	4,500	7185751,039	280357,354	547,971	547,608	-0,363								
3 + 0,000				547,752	5,450	547,736	4,650	547,383	4,500	7185753,619	280358,374	547,858	547,518	-0,340	547,631	4,500	547,956	4,650	547,972	5,450		
3 + 5,000				547,550	5,450	547,534	4,650	547,181	4,500	7185758,269	280360,213	547,676	547,316	-0,360	547,305	4,500	547,644	4,650	547,660	5,450		
3 + 7,319	PTV			547,440	5,450	547,424	4,650	547,071	4,500	7185755,776	280359,227	547,533	547,206	-0,327	547,137	4,500	547,483	4,650	547,499	5,450		
4 + 0,000	PF			546,806	5,450	546,790	4,650	546,437	4,500	7185772,231	280365,733	546,782	546,572	-0,210	546,437	4,500	546,790	4,650	546,806	5,450		

RUA MÁRIO COVAS

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							539,961	4,244	7185828,866	280457,864	540,109	539,799	-0,310	539,463	4,159						
1 + 0,000				540,336	4,200	540,320	3,400	539,997	3,250	7185836,950	280439,670	540,062	539,899	-0,163	539,802	3,250	540,155	3,400	540,171	4,200		
1 + 4,279	DEF1			540,357	4,200	540,341	3,400	540,018	3,250	7185838,679	280435,656	539,965	539,921	-0,044	539,823	3,250	540,176	3,400	540,192	4,200		
1 + 8,546	ACESSO			540,355	3,450	540,339	2,650	540,016	2,500	7185838,363	280431,397	540,085	539,941	-0,144	539,838	3,450						
1 + 12,018	PC			540,374	3,450	540,358	2,650	540,035	2,500	7185838,106	280427,939	540,098	539,960	-0,138	539,885	2,500	540,238	2,650	540,254	3,450		
1 + 12,793	PT			540,377	3,450	540,361	2,650	540,038	2,500	7185838,136	280427,165	540,098	539,963	-0,135	539,888	2,500	540,241	2,650	540,257	3,450		
1 + 12,915	PCV			540,378	3,450	540,362	2,650	540,039	2,500	7185838,154	280427,045	540,098	539,964	-0,134	539,889	2,500	540,242	2,650	540,258	3,450		
1 + 15,415	PCRIT			540,383	3,450	540,367	2,650	540,044	2,500	7185838,529	280424,673	540,089	539,969	-0,120	539,894	2,500	540,247	2,650	540,263	3,450		
2 + 0,000				540,362	3,450	540,346	2,650	540,023	2,500	7185839,218	280420,040	540,056	539,948	-0,108	539,873	2,500	540,226	2,650	540,242	3,450		
2 + 10,408	PTV			540,159	3,458	540,143	2,658	539,820	2,508	7185840,780	280409,750	539,981	539,745	-0,236	539,670	2,500	540,023	2,650	540,039	3,450		
3 + 0,000	PF			540,117	6,549	540,101	5,749	539,793	5,599	7185842,220	280400,267	539,667	539,457	-0,210	539,382	2,500	539,735	2,650	539,751	3,450		

RUA MÁRIO COVAS (TRECHO 02 - ACESSO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP			540,252	3,450	540,236	2,650	539,913	2,500	7185841,803	280431,142	539,777	539,838	0,060								
0 + 2,001				539,952	3,450	539,936	2,650	539,613	2,500	7185843,804	280431,190	539,540	539,538	-0,002	539,463	2,500	539,816	2,650	539,832	3,450		
0 + 4,000	PF			539,652	3,450	539,636	2,650	539,313	2,500	7185845,802	280431,239	539,321	539,238	-0,083	539,163	2,500	539,516	2,650	539,532	3,450		

RUA INDU

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							522,195	3,912	7186045,703	280561,230	523,057	522,747	-0,310	523,017	3,195						
1 + 0,000				522,641	3,450	522,625	2,650	522,272	2,500	7186049,780	280541,650	522,607	522,347	-0,260	522,422	2,500	522,745	2,650	522,761	3,450		
1 + 18,473	PCV			522,271	3,450	522,255	2,650	521,902	2,500	7186053,546	280523,565	522,183	521,977	-0,206	522,052	2,500	522,375	2,650	522,391	3,450		
2 + 0,000				522,243	3,450	522,227	2,650	521,874	2,500	7186053,858	280522,070	522,167	521,949	-0,218	522,024	2,500	522,347	2,650	522,363	3,450		
2 + 7,500				522,172	3,450	522,156	2,650	521,803	2,500	7186055,387	280514,728	522,043	521,878	-0,165	521,983	3,500	522,306	3,650	522,322	4,450		
2 + 8,471	PCRIT			522,157	3,921	522,141	3,121	521,788	2,971	7186055,585	280513,777	522,057	521,877	-0,180	522,012	4,500	522,335	4,650	522,351	5,450		
2 + 9,500				522,113	5,450	522,097	4,650	521,744	4,500	7186055,794	280512,770	522,072	521,879	-0,193	522,044	5,500	522,367	5,650	522,383	6,450		
2 + 18,469	PTV			522,211	5,450	522,195	4,650	521,842	4,500	7186057,623	280503,989	522,206	521,977	-0,229	522,232	8,500	522,555	8,650	522,571	9,450		
2 + 18,500				522,212	5,450	522,196	4,650	521,843	4,500	7186057,629	280503,959	522,206	521,978	-0,228	522,263	9,500	522,586	9,650	522,602	10,450		
3 + 0,000				522,287	3,950	522,271	3,150	521,918	3,000	7186057,935	280502,490	522,229	522,008	-0,221	522,083	2,500	522,406	2,650	522,422	3,450		
3 + 0,500	PF			522,312	3,450	522,296	2,650	521,943	2,500	7186058,037	280502,001	522,228	522,018	-0,210	522,093	2,500	522,416	2,650	522,432	3,450		

PROLONGAMENTO DA RUA DAS CAMÉLIAS

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							546,661	5,595	7186418,435	281078,586	546,837	546,527	-0,310	546,202	4,733						
1 + 0,000				546,676	4,950	546,660	4,150	546,307	4,000	7186415,261	281098,333	546,675	546,427	-0,248	546,307	4,000	546,660	4,150	546,676	4,950		
2 + 0,000				546,576	4,950	546,560	4,150	546,207	4,000	7186412,088	281118,080	546,525	546,327	-0,198	546,207	4,000	546,560	4,150	546,576	4,950		
2 + 6,250	PCV			546,545	4,950	546,529	4,150	546,176	4,000	7186411,096	281124,250	546,542	546,296	-0,246	546,176	4,000	546,529	4,150	546,545	4,950		
2 + 8,750	PCRIT			546,538	4,950	546,522	4,150	546,169	4,000	7186410,699	281126,719	546,549	546,289	-0,260	546,169	4,000	546,522	4,150	546,538	4,950		
2 + 13,750	PTV			546,563	4,950	546,547	4,150	546,194	4,000	7186409,906	281131,655	546,563	546,314	-0,249	546,194	4,000	546,547	4,150	546,563	4,950		
3 + 0,000				546,626	4,950	546,610	4,150	546,257	4,000	7186408,914	281137,826	546,581	546,377	-0,204	546,257	4,000	546,610	4,150	546,626	4,950		
3 + 9,127	PC			546,717	4,950	546,701	4,150	546,348	4,000	7186407,466	281146,837	546,620	546,468	-0,152	546,348	4,000	546,701	4,150	546,717	4,950		
3 + 10,000				546,726	4,950	546,710	4,150	546,357	4,000	7186407,323	281147,699	546,624	546,477	-0,147	546,357	4,000	546,710	4,150	546,726	4,950		
3 + 15,000				546,776	4,950	546,760	4,150	546,407	4,000	7186406,364	281152,605	546,645	546,527	-0,118	546,407	4,000	546,760	4,150	546,776	4,950		
3 + 16,484	PT			546,790	4,950	546,774	4,150	546,421	4,000	7186406,032	281154,051	546,652	546,541	-0,111	546,421	4,000	546,774	4,150	546,790	4,950		
4 + 0,000				546,826	4,950	546,810	4,150	546,457	4,000	7186405,221	281157,473	546,682	546,577	-0,105	546,457	4,000	546,810	4,150	546,826	4,950		
5 + 0,000				547,026	4,950	547,010	4,150	546,657	4,000	7186400,604	281176,933	546,867	546,777	-0,091	546,657	4,000	547,010	4,150	547,026	4,950		
6 + 0,000				547,226	4,950	547,210	4,150	546,857	4,000	7186395,987	281196,393	547,099	546,977	-0,123	546,857	4,000	547,210	4,150	547,226	4,950		
6 + 0,446	PC			547,230	4,950	547,214	4,150	546,861	4,000	7186395,884	281196,826	547,104	546,981	-0,123	546,861	4,000	547,214	4,150	547,230	4,950		
6 + 5,000				547,276	4,950	547,260	4,150	546,907	4,000	7186395,036	281201,299	547,154	547,027	-0,128	546,907	4,000	547,260	4,150	547,276	4,950		
6 + 10,000				547,326	4,950	547,310	4,150	546,957	4,000	7186394,578	281206,276	547,245	547,077	-0,169	546,957	4,000	547,310	4,150	547,326	4,950		
6 + 15,000				547,376	4,950	547,360	4,150	547,007	4,000	7186394,619	281211,274	547,329	547,127	-0,203	547,007	4,000	547,360	4,150	547,376	4,950		
7 + 0,000				547,425	4,950	547,410	4,150	547,057	4,000	7186395,158	281216,243	547,395	547,177	-0,229	547,057	4,000	547,410	4,150	547,425	4,950		
7 + 1,507	PT			547,441	4,950	547,425	4,150	547,072	4,000	7186395,418	281217,727	547,428	547,192	-0,236	547,072	4,000	547,425	4,150	547,441	4,950		
8 + 0,000				547,625	4,950	547,609	4,150	547,257	4,000	7186398,879	281235,839	547,618	547,377	-0,242	547,257	4,000	547,609	4,150	547,625	4,950		
9 + 0,000	PCV			547,825	4,950	547,809	4,150	547,456	4,000	7186402,623	281255,540	547,793	547,576	-0,217	547,456	4,000	547,809	4,150	547,825	4,950		
9 + 2,989	PCRIT			547,840	4,950	547,824	4,150	547,471	4,000	7186403,182	281258,476	547,819	547,591	-0,228	547,471	4,000	547,824	4,150	547,840	4,950		
9 + 8,475	PC			547,790	4,950	547,774	4,150	547,421	4,000	7186404,209	281263,864	547,866	547,541	-0,325	547,421	4,000	547,774	4,150	547,790	4,950		
9 + 10,000				547,758	4,950	547,742	4,150	547,389	4,000	7186404,506	281265,361	547,871	547,509	-0,362	547,389	4,000	547,742	4,150	547,758	4,950		
9 + 12,343	PT			547,694	4,950	547,678	4,150	547,325	4,000	7186405,007	281267,650	547,732	547,445	-0,287	547,325	4,000	547,678	4,150	547,694	4,950		
10 + 0,000	PTV			547,356	4,950	547,340	4,150	546,987	4,000	7186406,730	281275,110	547,271	547,107	-0,164	546,987	4,000	547,340	4,150	547,356	4,950		
11 + 0,000				546,216	4,950	546,200	4,150	545,847	4,000	7186411,231	281294,597	546,123	545,967	-0,156	545,847	4,000	546,200	4,150	546,216	4,950		
12 + 0,000								544,679	4,950	7186415,731	281314,084	544,997	544,827	-0,170	544,707	4,000	545,060	4,150	545,076	4,950		
12 + 5,000	PF							544,394	4,950	7186416,856	281318,956	544,713	544,542	-0,171	544,422	4,000	544,775	4,150	544,791	4,950		

RUA TREZE DE MAIO

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP									7187149,719	280245,056	535,674			535,402	3,000	535,092	3,000	535,047	3,500	535,430	3,650
0 + 2,303										7187152,014	280244,869	535,898			535,776	1,583	535,466	1,583	535,318	3,500	535,695	3,650
0 + 4,867	INIC. EIXO									7187154,569	280244,663	536,142	535,832	-0,310	535,556	4,450						
0 + 9,728	INIC. LE			536,657	4,450	536,641	3,650	536,293	3,500	7187159,416	280244,271	536,603	536,366	-0,237	536,218	4,450						
0 + 10,300	ACESSO			536,718	4,450	536,702	3,650	536,354	3,500	7187159,985	280244,225	536,657	536,429	-0,228	536,296	4,450						
0 + 17,511	DEF1			537,494	4,487	537,477	3,665	537,125	3,511	7187167,173	280243,644	537,302	537,223	-0,079	537,110	3,750	537,463	3,900	537,474	4,450		
0 + 17,511	DEF1			537,494	4,487	537,477	3,665	537,125	3,511	7187167,173	280243,644	537,302	537,223	-0,079	537,125	3,250	537,478	3,400	537,494	4,200		
1 + 0,000				537,768	4,200	537,752	3,400	537,399	3,250	7187169,296	280242,344	537,540	537,497	-0,043	537,399	3,250	537,752	3,400	537,768	4,200		
2 + 0,000				539,968	4,200	539,952	3,400	539,599	3,250	7187186,351	280231,898	539,648	539,697	0,049	539,571	4,200						
2 + 13,679	PCV									7187198,016	280224,754	541,387	541,201	-0,186	541,104	3,250	541,457	3,400	541,473	4,200		
2 + 17,426	DEF2									7187201,212	280222,797	541,861	541,544	-0,317	541,447	3,250	541,800	3,400	541,816	4,200		
2 + 17,426	DEF2*									7187201,212	280222,797	541,861	541,544	-0,317	541,664	4,000	541,987	4,150	542,003	4,950		
3 + 0,000										7187200,505	280220,322	542,097	541,701	-0,396	541,869	4,000	542,186	4,150	542,202	4,950		
3 + 5,000	PTV=PF			542,011	4,950	541,995	4,150	541,633	4,000	7187199,132	280215,514	542,132	541,822	-0,310	542,083	4,000	542,388	4,150	542,404	4,950		

RUA TREZE DE MAIO (TRECHO 02 - ACESSO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP			536,567	4,200	536,551	3,400	536,198	3,250	7187160,344	280248,660	536,433	536,296	-0,137								
0 + 5,000				535,918	4,200	535,902	3,400	535,549	3,250			535,778	535,646	-0,132	535,496	3,086						
0 + 6,806	PF			535,683	4,200	535,667	3,400	535,314	3,250	7187154,859	280252,689	535,540	535,411	-0,129	535,342	3,250	535,695	3,400	535,711	4,200		

PROLONGAMENTO DA RUA ÂNGELO BOARETTO

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							540,922	3,736	7187176,180	280122,314	541,661	541,351	-0,310	541,671	4,019						
0 + 17,162	PCV			544,548	3,950	544,532	3,150	544,179	3,000	7187193,278	280120,835	544,496	544,269	-0,227	544,359	3,000	544,682	3,150	544,698	3,950		
1 + 0,000				544,988	3,950	544,972	3,150	544,619	3,000	7187196,106	280120,590	544,989	544,709	-0,280	544,799	3,000	545,122	3,150	545,138	3,950		
1 + 3,844	DEF1									7187199,935	280120,259	545,450	545,174	-0,276	545,264	3,000	545,587	3,150	545,603	3,950		
1 + 3,844	DEF1					545,134	8,000	545,084	3,000	7187199,935	280120,259	545,450	545,174	-0,276	545,266	3,050	545,589	3,200	545,605	4,013		
1 + 8,928	PTV					545,519	8,000	545,469	3,000	7187240,838	280118,914	545,778	545,559	-0,219	545,799	8,000						
1 + 13,344	PF					545,740	8,000	545,690	3,000	7187209,097	280117,746	546,089	545,780	-0,309	546,020	8,000						

RUA EMILANO FERNANDES DA SILVA (SANTO ISIDORO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01				EIXO			D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							477,390	4,935	7173621,822	274646,802	477,776	477,466	-0,310	477,542	8,905						
0 + 4,822				477,234	3,950	477,218	3,150	476,869	3,000	7173617,000	274647,054	477,125	476,936	-0,189	476,904	3,218	477,247	3,368	477,263	4,168		
0 + 6,466				477,047	3,950	477,031	3,150	476,680	3,000	7173615,365	274647,139	476,901	476,755	-0,146	476,706	3,000	477,052	3,150	477,068	3,950		
0 + 10,000	PCV			476,645	3,950	476,629	3,150	476,276	3,000	7176611,835	274647,323	476,578	476,366	-0,212	476,276	3,000	476,629	3,150	476,645	3,950		
0 + 15,000				476,181	3,950	476,165	3,150	475,812	3,000	7173606,842	274647,584	476,171	475,902	-0,269	475,812	3,000	476,165	3,150	476,181	3,950		
1 + 0,000	PTV			475,885	3,950	475,869	3,150	475,516	3,000	7173601,849	274647,844	475,865	475,606	-0,259	475,516	3,000	475,869	3,150	475,885	3,950		
2 + 0,000				475,045	3,950	475,029	3,150	474,676	3,000	7173581,876	274648,886	475,028	474,766	-0,262	474,676	3,000	475,029	3,150	475,045	3,950		
3 + 0,000				474,205	3,950	474,189	3,150	473,836	3,000	7173561,903	274649,928	474,101	473,926	-0,175	473,836	3,000	474,189	3,150	474,205	3,950		
4 + 0,000				473,365	3,950	473,349	3,150	472,996	3,000	7173541,930	274650,966	473,060	473,086	0,026	472,996	3,000	473,349	3,150	473,365	3,950		
5 + 0,000				472,525	3,950	472,509	3,150	472,156	3,000	7173521,957	274652,000	472,360	472,246	-0,114	472,156	3,000	472,509	3,150	472,525	3,950		
6 + 0,000				471,685	3,950	471,669	3,150	471,316	3,000	7173501,984	274653,034	471,627	471,406	-0,221	471,316	3,000	471,669	3,150	471,685	3,950		
6 + 6,253				471,422	3,950	471,406	3,150	471,053	3,000	7173495,739	274653,358	471,434	471,143	-0,291	471,053	3,000	471,406	3,150	471,422	3,950		
6 + 10,988	ENC1			471,224	3,950	471,208	3,150	470,855	3,000	7173491,011	274653,602	471,298	470,945	-0,353	470,870	2,500						
6 + 15,753				471,023	3,950	471,007	3,150	470,654	3,000	7173486,251	274653,849	471,210	470,744	-0,466	470,654	3,000	471,007	3,150	471,023	3,950		
7 + 0,000				470,845	3,950	470,829	3,150	470,476	3,000	7173482,010	274654,064	471,131	470,566	-0,565	470,476	3,000	470,829	3,150	470,845	3,950		
7 + 5,000	PCV			470,635	3,950	470,619	3,150	470,266	3,000	7173477,016	274654,313	471,038	470,356	-0,682	470,266	3,000	470,619	3,150	470,635	3,950		
7 + 10,000				470,465	3,950	470,449	3,150	470,096	3,000	7173472,023	274654,561	470,967	470,186	-0,781	470,096	3,000	470,449	3,150	470,465	3,950		
7 + 15,000	PTV			470,375	3,950	470,359	3,150	470,006	3,000	7173467,029	274654,810	470,842	470,096	-0,746	470,006	3,000	470,359	3,150	470,375	3,950		
8 + 0,000				470,325	3,950	470,309	3,150	469,956	3,000	7173462,035	274655,059	470,669	470,046	-0,623	469,956	3,000	470,309	3,150	470,325	3,950		
9 + 0,000				470,125	3,950	470,109	3,150	469,756	3,000	7173442,060	274656,055	470,380	469,846	-0,534	469,756	3,000	470,109	3,150	470,125	3,950		
10 + 0,000				469,925	3,950	469,909	3,150	469,556	3,000	7173422,085	274657,050	470,059	469,646	-0,413	469,556	3,000	469,909	3,150	469,925	3,950		
11 + 0,000				469,725	3,950	469,709	3,150	469,356	3,000	7173402,110	274658,050	469,682	469,446	-0,236	469,356	3,000	469,709	3,150	469,725	3,950		
12 + 0,000				469,525	3,950	469,509	3,150	469,156	3,000	7173382,135	274659,051	469,410	469,246	-0,164	469,156	3,000	469,509	3,150	469,525	3,950		
12 + 17,303				469,352	3,950	469,336	3,150	468,983	3,000	7173364,853	274659,917	469,153	469,073	-0,080	468,983	3,000	469,336	3,150	469,352	3,950		
13 + 0,000				469,325	3,950	469,309	3,150	468,956	3,000	7173362,160	274660,052	469,102	469,046	-0,056	468,971	2,500						
13 + 1,733	ENC2			469,308	3,950	469,292	3,150	468,939	3,000	7173360,427	274660,139	469,086	469,029	-0,057	468,954	2,500						
13 + 6,204				469,263	3,950	469,247	3,150	468,894	3,000	7173356,036	274660,359	469,046	468,984	-0,062	468,894	3,000	469,247	3,150	469,263	3,950		
14 + 0,000				469,125	3,950	469,109	3,150	468,756	3,000	7173342,185	274661,049	468,801	468,846	0,045	468,756	3,000	469,109	3,150	469,125	3,950		
15 + 0,000				468,925	3,950	468,909	3,150	468,556	3,000	7173322,209	274662,044	468,896	468,846	-0,050	468,556	3,000	468,909	3,150	468,925	3,950		
16 + 0,000				468,725	3,950	468,709	3,150	468,356	3,000	7173302,234	274663,038	469,104	468,446	-0,658	468,356	3,000	468,709	3,150	468,725	3,950		
17 + 0,000	PCV			468,525	3,950	468,509	3,150	468,156	3,000	7173282,259	274664,031	468,773	468,246	-0,527	468,156	3,000	468,509	3,150	468,525	3,950		
17 + 10,000	PCRIT			468,470	3,950	468,454	3,150	468,101	3,000	7173272,271	274664,520	468,508	468,191	-0,317	468,101	3,000	468,454	3,150	468,470	3,950		
18 + 0,000	PTV			468,505	3,950	468,489	3,150	468,136	3,000	7173262,283	274665,010	468,289	468,226	-0,063	468,136	3,000	468,489	3,150	468,505	3,950		
18 + 3,550				468,537	3,950	468,521	3,150	468,168	3,000	7173258,737	274665,183	468,247	468,258	0,011	468,168	3,000	468,521	3,150	468,537	3,950		
18 + 5,000				468,549	3,950	468,533	3,150	468,180	3,000	7173257,289	274665,254	468,212	468,270	0,058	468,180	3,000	468,533	3,150	468,549	3,950		
18 + 10,000				468,594	3,950	468,578	3,150	468,225	3,000	7173252,295	274665,499	468,360	468,315	-0,045	468,225	3,000	468,578	3,150	468,594	3,950		
18 + 15,000				468,638	3,950	468,622	3,150	468,269	3,000	7173247,301	274665,744	468,432	468,359	-0,073	468,269	3,000	468,622	3,150	468,638	3,950		
18 + 16,450				468,651	3,950	468,635	3,150	468,282	3,000	7173245,853	274665,815	468,453	468,372	-0,081	468,282	3,000	468,635	3,150	468,651	3,950		
19 + 0,000				468,683	3,950	468,667	3,150	468,314	3,000	7173242,307	274665,989	468,454	468,404	-0,050	468,314	3,000	468,667	3,150	468,683	3,950		
19 + 8,322				468,756	3,950	468,740	3,150	468,387	3,000	7173233,995	274666,396	468,792	468,477	-0,315	468,387	3,000	468,740	3,150	468,756	3,950		
19 + 13,821	ENC3			468,805	3,950	468,789	3,150	468,436	3,000	7173228,502	274666,665	468,760	468,526	-0,234	468,451	2,500						
19 + 19,322				468,854	3,950	468,838	3,150	468,485	3,000	7173223,008	274666,935	468,795	468,575	-0,220	468,485	3,000	468,838	3,150	468,854	3,950		
20 + 0,000				468,860	3,950	468,844	3,150	468,491	3,000	7173222,331	274666,968	468,798	468,581	-0,217	468,491	3,000	468,844	3,150	468,860	3,950		
21 + 0,																						

RUA JOÃO FIGUEREDO (SANTO ISIDORO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							475,420	5,245	7173494,259	274731,822	475,882	475,572	-0,310	475,740	5,255						
0 + 2,250				475,705	4,750	475,683	3,650	475,331	3,500	7173494,574	274729,574	475,784	475,432	-0,352	475,520	3,500	475,845	3,650	475,867	4,750		
1 + 0,000				474,601	4,750	474,579	3,650	474,226	3,500	7173493,432	274711,839	474,525	474,331	-0,194	474,226	3,500	474,579	3,650	474,601	4,750		
2 + 0,000				473,360	4,750	473,338	3,650	472,985	3,500	7173492,610	274691,856	473,466	473,090	-0,376	472,985	3,500	473,338	3,650	473,360	4,750		
3 + 0,000				472,119	4,750	472,097	3,650	471,744	3,500	7173491,789	274671,873	472,072	471,849	-0,223	471,744	3,500	472,097	3,650	472,119	4,750		
3 + 14,337				471,197	4,750	471,175	3,650	470,816	3,500	7173491,199	274657,548	471,367	470,960	-0,407	471,083	3,500	471,403	3,650	471,425	4,750		
3 + 15,787	PF							470,669	4,750	7173491,140	274656,099	471,367	470,870	-0,497	471,068	4,750						

RUA PRESIDENTE BERNARDES - TRECHO 01 (SANTO ISIDORO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							473,560	5,250	7173363,342	274737,499	473,975	473,665	-0,310	473,740	5,250						
0 + 2,250				473,843	4,450	473,827	3,650	473,478	3,500	7173363,258	274735,250	473,926	473,552	-0,374	473,585	3,500	473,918	3,650	473,934	4,450		
1 + 0,000	PCV			472,929	4,450	472,913	3,650	472,560	3,500	7173362,513	274717,513	472,992	472,665	-0,327	472,560	3,500	472,913	3,650	472,929	4,450		
1 + 10,000				472,375	4,450	472,359	3,650	472,006	3,500	7173362,225	274707,520	472,490	472,111	-0,379	472,006	3,500	472,359	3,650	472,375	4,450		
2 + 0,000	PTV			471,714	4,450	471,698	3,650	471,345	3,500	7173361,852	274697,526	471,696	471,450	-0,246	471,345	3,500	471,698	3,650	471,714	4,450		
3 + 0,000				470,284	4,450	470,268	3,650	469,915	3,500	7173361,108	274677,540	470,078	470,020	-0,058	469,915	3,500	470,268	3,650	470,284	4,450		
3 + 13,465				469,376	4,450	469,360	3,650	469,016	3,500	7173360,562	274664,084	469,304	469,058	-0,246	469,079	3,500	469,414	3,650	469,430	4,450		
3 + 14,915	PF							468,909	4,450	7173360,552	274662,635	469,155	468,954	-0,201	468,998	4,450						

RUA DIVINO ESPÍRITO SANTO - TRECHO 01 (SANTO ISIDORO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							472,760	5,500	7173232,228	274743,184	473,191	472,881	-0,310	472,740	5,500						
0 + 2,250				473,026	4,700	473,010	3,900	472,661	3,750	7173232,119	274740,937	473,113	472,747	-0,366	472,649	3,750	473,000	3,900	473,016	4,700		
1 + 0,000			471,942	4,700	471,926	3,900	471,573	3,750	7173231,256	274723,208	472,153	471,685	-0,468	471,573	3,750	471,926	3,900	471,942	4,700			
2 + 0,000			470,746	4,700	470,730	3,900	470,377	3,750	7173230,283	274703,232	470,706	470,490	-0,216	470,377	3,750	470,730	3,900	470,746	4,700			
3 + 0,000			469,551	4,700	469,535	3,900	469,182	3,750	7173229,311	274683,256	469,620	469,294	-0,326	469,182	3,750	469,535	3,900	469,551	4,700			
3 + 11,860			468,948	4,700	468,932	3,900	468,596	3,750	7173228,734	274671,410	469,022	468,585	-0,437	468,540	3,750	468,884	3,900	468,900	4,700			
3 + 14,110	PF							468,500	5,500	7173228,625	274669,162	468,932	468,451	-0,481	468,402	5,500						

RUA DA UNIÃO (SANTO ISIDORO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							472,810	5,595	7173098,769	274748,972	473,043	472,733	-0,310	472,696	4,733						
0 + 2,250				473,009	4,950	472,993	4,150	472,659	4,000	7173098,586	274746,727	472,923	472,624	-0,299	472,583	4,000	472,926	4,150	472,942	4,950		
1 + 0,000			472,014	4,950	471,998	4,150	471,645	4,000	7173097,146	274729,038	471,948	471,765	-0,183	471,645	4,000	471,998	4,150	472,014	4,950			
2 + 0,000			471,046	4,950	471,030	4,150	470,677	4,000	7173095,522	274709,104	470,907	470,797	-0,110	470,677	4,000	471,030	4,150	471,046	4,950			
2 + 8,629	PF		470,628	4,950	470,612	4,150	470,259	4,000	7173094,822	274700,503	470,517	470,379	-0,138	470,259	4,000	470,612	4,150	470,628	4,950			

RUA GETÚLIO VARGAS (SANTO ISIDORO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							471,923	3,162	7173507,854	274903,858	472,440	472,130	-0,310	472,156	4,125						
0 + 0,388				472,339	3,450	472,323	2,650	471,953	2,500	7173507,466	274903,849	472,428	472,115	-0,313								
0 + 2,666				472,257	3,450	472,241	2,650	471,872	2,500	7173505,189	274903,797	472,342	472,024	-0,318	472,028	2,500	472,365	2,650	472,381	3,450		
1 + 0,000				471,624	3,450	471,608	2,650	471,255	2,500	7173487,859	274903,403	471,670	471,330	-0,340	471,255	2,500	471,608	2,650	471,624	3,450		
2 + 0,000				470,824	3,450	470,808	2,650	470,455	2,500	7173467,864	274902,948	470,894	470,530	-0,364	470,455	2,500	470,808	2,650	470,824	3,450		
2 + 10,000	PCV			470,424	3,450	470,408	2,650	470,055	2,500	7173457,867	274902,721	470,395	470,130	-0,265	470,055	2,500	470,408	2,650	470,424	3,450		
2 + 15,573	DEF1			470,166	3,598	470,150	2,798	469,797	2,648	7173452,295	274902,594	470,115	469,876	-0,239	469,797	2,648	470,150	2,798	470,166	3,598		
3 + 0,000	PTV			469,909	3,950	469,893	3,150	469,540	3,000	7173447,875	274902,344	469,893	469,630	-0,263	469,540	3,000	469,893	3,150	469,909	3,950		
3 + 10,251	DEF2			469,294	3,950	469,278	3,150	468,925	3,000	7173437,641	274901,766	469,241	469,015	-0,226	468,925	3,000	469,278	3,150	469,294	3,950		
4 + 0,000				469,709	3,950	469,693	3,150	469,340	3,000	7173427,895	274902,013	468,519	469,430	0,911	469,340	3,000	469,693	3,150	469,709	3,950		
5 + 0,000				467,509	3,950	467,493	3,150	467,140	3,000	7173407,901	274902,521	466,969	467,230	0,261	467,140	3,000	467,493	3,150	467,509	3,950		
5 + 15,000	PCV			466,609	3,950	466,593	3,150	466,240	3,000	7173392,906	274902,901	466,265	466,330	0,065	466,240	3,000	466,593	3,150	466,609	3,950		
6 + 0,000				466,346	3,950	466,330	3,150	465,977	3,000	7173387,908	274903,028	466,168	466,067	-0,101	465,977	3,000	466,330	3,150	466,346	3,950		
6 + 5,000				466,158	3,950	466,142	3,150	465,789	3,000	7173382,909	274903,155	466,082	465,879	-0,203	465,789	3,000	466,142	3,150	466,158	3,950		
6 + 10,000				466,046	3,950	466,030	3,150	465,677	3,000	7173377,911	274903,282	465,891	465,767	-0,124	465,677	3,000	466,030	3,150	466,046	3,950		
6 + 11,280				466,029	3,950	466,013	3,150	465,660	3,000	7173376,631	274903,314	465,842	465,750	-0,092	465,660	3,000	466,013	3,150	466,029	3,950		
6 + 15,000	PCRIT			466,009	3,950	465,993	3,150	465,640	3,000	7173372,913	274903,409	465,699	465,730	0,031	465,714	0,527						
6 + 15,573	PF=PTV			466,010	3,950	465,994	3,150	465,641	3,000	7173372,340	274903,423	465,668	465,731	0,063								

RUA SÃO FRANCISCO (SANTO ISIDORO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP									7173759,306	274726,476	480,901			480,529	4,931						
0 + 2,176										7173759,249	274724,301	480,904			480,574	1,300	480,535	4,000	480,880	4,150	480,896	4,950
0 + 2,955	IN.EX=PCV									7173759,229	274723,523	480,905	480,595	-0,310	480,534	4,000	480,880	4,150	480,896	4,950		
0 + 5,000								480,643	3,412	7173759,175	274721,478	480,897	480,649	-0,248	480,581	4,000	480,928	4,150	480,944	4,950		
0 + 6,363								480,706	5,687	7173759,140	274720,115	480,925	480,694	-0,231	480,574	4,000	480,927	4,150	480,943	4,950		
0 + 8,613				481,098	4,950	481,082	4,150	480,738	4,000	7173759,081	274717,867	481,070	480,785	-0,285	480,665	4,000	481,018	4,150	481,034	4,950		
0 + 10,000	PTV			481,156	4,950	481,140	4,150	480,795	4,000	7173759,045	274716,480	481,160	480,851	-0,309	480,731	4,000	481,084	4,150	481,100	4,950		
1 + 0,000				481,600	4,950	481,584	4,150	481,231	4,000	7173758,784	274706,483	481,722	481,351	-0,371	481,231	4,000	481,584	4,150	481,600	4,950		
1 + 10,000				482,100	4,950	482,084	4,150	481,731	4,000	7173758,487	274696,487	482,125	481,851	-0,274	481,731	4,000	482,084	4,150	482,100	4,950		
1 + 19,168	DEF1			482,558	4,950	482,542	4,150	482,189	4,000	7173758,284	274687,321	482,707	482,309	-0,398	482,318	7,426	482,655	7,576	482,673	8,473		
2 + 0,000				482,601	4,911	482,585	4,111	482,232	3,961	7173758,223	274686,492	482,746	482,351	-0,395	482,382	7,775						
2 + 1,106				482,658	4,859	482,642	4,059	482,289	3,909	7173758,142	274685,389	482,800	482,406	-0,394	482,466	7,739						
2 + 5,913	ACESSO			482,905	4,632	482,889	3,832	482,536	3,682	7173757,790	274680,595	482,897	482,646	-0,251	482,730	5,916						
2 + 9,780	DEF2			483,104	4,450	483,088	3,650	482,735	3,500	7173757,507	274676,738	483,005	482,840	-0,165	482,873	3,500	483,206	3,650	483,222	4,450		
2 + 15,000	PCV			483,365	4,450	483,349	3,650	482,996	3,500	7173757,371	274671,520	483,196	483,101	-0,095	483,063	3,500	483,407	3,650	483,423	4,450		
3 + 0,000				483,531	4,450	483,515	3,650	483,162	3,500	7173757,241	274666,522	483,444	483,267	-0,177	483,162	3,500	483,515	3,650	483,531	4,450		
3 + 2,500	PCRIT			483,552	4,450	483,536	3,650	483,183	3,500	7173757,175	274664,022	483,531	483,288	-0,243	483,183	3,500	483,536	3,650	483,552	4,450		
3 + 5,000				483,531	4,450	483,515	3,650	483,162	3,500	7173757,110	274661,523	483,502	483,267	-0,235	483,162	3,500	483,515	3,650	483,531	4,450		
3 + 10,000	PTV			483,365	4,450	483,349	3,650	482,996	3,500	7173756,980	274656,525	483,395	483,101	-0,294	482,996	3,500	483,349	3,650	483,365	4,450		
4 + 0,000				482,865	4,450	482,849	3,650	482,496	3,500	7173756,719	274646,528	482,676	482,601	-0,156	482,496	3,500	482,849	3,650	482,865	4,450		
4 + 2,297	PF			482,750	4,450	482,734	3,650	482,381	3,500	7173756,659	274644,232	482,676	482,486	-0,190	482,381	3,500	482,734	3,650	482,750	4,450		

RUA SÃO FRANCISCO - ACESSO (SANTO ISIDORO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP			483,222	4,200	483,206	3,400	482,893	3,250	7173763,704	274680,440	483,040	482,730	-0,310	482,428	5,946	482,791	6,096	482,807	6,896		
0 + 2,000	PF			483,118	4,200	483,102	3,400	482,749	3,250	7173765,608	274679,608	483,156	482,846	-0,310	482,731	3,840	483,084	3,990	483,108	5,220		

RUA PRESIDENTE BERNARDES - TRECHO 02 (SANTO ISIDORO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							470,687	5,310	7173367,781	274834,595	470,972	470,662	-0,310	470,742	5,190						
0 + 2,250				470,815	4,450	470,799	3,650	470,462	3,500	7173367,841	274836,841	470,696	470,459	-0,237	470,495	3,500	470,828	3,650	470,844	4,450		
1 + 0,000				469,126	4,450	469,110	3,650	468,757	3,500	7173369,103	274854,551	468,748	468,862	0,114	468,757	3,500	469,110	3,650	469,126	4,450		
2 + 0,000	PCV			467,326	4,450	467,310	3,650	466,957	3,500	7173370,425	274874,508	466,977	467,062	0,085	466,957	3,500	467,310	3,650	467,326	4,450		
2 + 10,000				466,578	4,450	466,562	3,650	466,209	3,500	7173371,086	274884,486	466,322	466,314	-0,008	466,209	3,500	466,562	3,650	466,578	4,450		
3 + 0,000				466,135	4,450	466,119	3,650	465,766	3,500	7173371,746	274894,464	465,779	465,871	0,092	465,766	3,500	466,119	3,650	466,135	4,450		
3 + 5,207				466,024	4,450	466,008	3,650	465,655	3,500	7173372,091	274899,660	465,654	465,760	0,106	465,655	3,500	466,008	3,650	466,024	4,450		
3 + 8,979	PF=PTV									7173372,340	274903,423	465,665	465,731	0,066	465,626	3,500	465,979	3,650	465,995	4,450		

RUA DIVINO ESPÍRITO SANTO - TRECHO 02 (SANTO ISIDORO)

ESTACA	PONTO NOTÁVEL	E04		E03		E02		E01		EIXO					D01		D02		D03		D04	
		COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	N	E	GREIDE NATURAL	COTA PROJETO	COTA VERMELHA	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX	COTA	DIST.EX
0 + 0,000	PP							471,944	4,500	7173236,733	274839,891	472,284	471,974	-0,310	472,060	4,500						
0 + 2,250				472,172	3,700	472,156	2,900	471,813	2,750	7173236,824	274842,140	472,135	471,839	-0,296	471,876	2,750	472,208	2,900	472,224	3,700		
1 + 0,000				471,061	3,700	471,045	2,900	470,692	2,750	7173237,540	274859,875	471,027	470,774	-0,253	470,692	2,750	471,045	2,900	471,061	3,700		
1 + 15,000	PCV			470,161	3,700	470,145	2,900	469,792	2,750	7173238,145	274874,863	470,139	469,874	-0,265	469,792	2,750	470,145	2,900	470,161	3,700		
2 + 0,000				469,836	3,700	469,820	2,900	469,467	2,750	7173238,347	274879,859	469,746	469,549	-0,197	469,467	2,750	469,820	2,900	469,836	3,700		
2 + 5,000	PTV			469,462	3,700	469,446	2,900	469,093	2,750	7173238,549	274884,855	469,302	469,175	-0,127	469,093	2,750	469,446	2,900	469,462	3,700		
3 + 0,000				468,261	3,700	468,245	2,900	467,892	2,750	7173239,154	274899,843	468,022	467,974	-0,048	467,892	2,750	468,245	2,900	468,261	3,700		
3 + 5,000	PF			467,861	3,700	467,845	2,900	467,492	2,750	7173239,356	274904,838	467,692	467,574	-0,118	467,492	2,750	467,845	2,900	467,861	3,700		