



GOVERNO MUNICIPAL

TOLEDO

SECRETARIA DE
**SEGURANÇA E
MOBILIDADE
URBANA**

**ESTUDO TÉCNICO PRELIMINAR:
OPERAÇÃO DO SERVIÇO PÚBLICO DE TRANSPORTE COLETIVO
URBANO DE PASSAGEIROS DO MUNICÍPIO DE TOLEDO-PARANÁ**

**APÊNDICE A – HORÁRIOS PROGRAMADOS (LINHAS URBANAS E
RURALS)**

TOLEDO-PR

2023



Quadro 1 – Horários programados – Linha 006 (dias úteis)

Alimentador											Dias Úteis	
Linha: 006 - Novo Sarandi - V. Nova - Novo Sobradinho												
Início: 04:50			Final: 20:00			Duração: 15:10			Nº de Viagens: 2,0		Km Tabela: 204,790	
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	
T489	Carlu	94004	04:50	04:50	0,000	T453	Novo Sarandi	94004	05:30	06:00	31,100	
T452	Vila Nova	94004	06:15	06:15	12,000	T451	Novo Sobradinho	94004	06:30	06:35	9,600	
T291	Coopagro.V. parigot	94004	06:47	06:47	11,450	T010	Term.Toledo	94004	07:00	07:00	2,140	
T010	Term.Toledo	98505	11:00	11:00	0,000	T453	Novo Sarandi	98505	12:05	12:05	35,500	
T452	Vila Nova	98505	12:15	12:15	12,000	T451	Novo Sobradinho	98505	12:35	12:35	9,600	
T010	Term.Toledo	98505	13:00	13:00	13,700	T010	Term.Toledo	98501	18:35	18:35	0,000	
T451	Novo Sobradinho	98501	19:00	19:00	14,800	T452	Vila Nova	98501	19:20	19:20	9,500	
T453	Novo Sarandi	98501	19:30	19:30	10,900	T010	Term.Toledo	98501	20:00	20:00	32,500	

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).

Quadro 2 – Horários programados – Linha 007 (dias úteis)

Alimentador											Dias Úteis	
Linha: 007 - Ouro Preto - Boa Vista												
Início: 05:45			Final: 19:40			Duração: 13:55			Nº de Viagens: 5,0		Km Tabela: 307,390	
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	
T010	Term.Toledo	95004	05:45	05:45	0,000	T454	Ouro Preto	95004	06:05	06:05	17,200	
T455	Boa Vista	95004	06:22	06:22	8,200	T027	Jd.Europa	95004	06:43	06:43	0,000	
T010	Term.Toledo	98501	11:45	11:45	0,000	T454	Ouro Preto	98501	12:30	12:30	17,200	
T455	Boa Vista	98501	12:45	12:45	8,200	T010	Term.Toledo	98501	13:20	13:20	13,200	
T010	Term.Toledo	98507	18:45	18:45	0,000	T454	Ouro Preto	98507	19:05	19:05	17,200	
T455	Boa Vista	98507	19:20	19:20	8,200	T010	Term.Toledo	98507	19:40	19:40	13,200	

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 3 – Horários programados – Linha 010 (dias úteis)

Alimentador											Dias Úteis	
Linha: 010 - Bom Princípio - Gramado - São Luiz												
Início: 05:25		Final: 19:15		Duração: 13:50		Nº de Viagens: 8,0		Km Tabela: 445,390				
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	
T010	Term.Toledo	98504	05:25	05:25	0,000	T456	Bom Princípio	98504	05:55	05:55	20,000	
T457	Gramado	98504	06:10	06:10	7,000	T458	São Luiz	98504	06:30	06:30	11,000	
T010	Term.Toledo	98504	07:10	07:10	12,000	T010	Term.Toledo	98504	11:45	11:45	0,000	
T456	Bom Princípio	98504	12:10	12:10	20,000	T457	Gramado	98504	12:25	12:25	7,000	
T458	São Luiz	98504	12:45	12:45	11,000	T010	Term.Toledo	98504	13:30	13:30	12,000	
T010	Term.Toledo	98504	18:35	18:35	0,000	T456	Bom Princípio	98504	19:00	19:00	20,000	
T457	Gramado	98504	19:05	19:05	7,000	T458	São Luiz	98504	19:15	19:15	11,000	

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).

Quadro 4 – Horários programados – Linha 011 (dias úteis)

Alimentador											Dias Úteis	
Linha: 011 - Dois Irmãos												
Início: 06:30		Final: 18:30		Duração: 12:00		Nº de Viagens: 12,9		Km Tabela: 624,630				
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	
T501	Vila Ipiranga	98510	06:30	06:30	0,000	T502	Dois Irmãos	98510	06:45	06:45	5,610	
T503	Dez de Maio	98510	07:00	07:00	8,500	T517	Cerro da Lola	98510	07:15	07:15	0,000	
T504	Concórdia do Oeste	98510	07:25	07:25	0,000	T505	Xaxim	98510	07:30	07:30	4,750	
T010	Term.Toledo	98510	08:00	08:00	8,500	T010	Term.Toledo	98510	12:00	12:00	0,000	
T505	Xaxim	98510	12:30	12:30	8,450	T504	Concórdia do Oeste	98510	12:35	12:35	4,750	
T517	Cerro da Lola	98510	12:45	12:45	0,000	T503	Dez de Maio	98510	13:00	13:00	0,000	
T501	Vila Ipiranga	98510	13:20	13:20	0,000	T502	Dois Irmãos	98510	13:25	13:25	5,610	
T503	Dez de Maio	98510	13:40	13:40	8,500	T517	Cerro da Lola	98510	13:55	13:55	0,000	
T504	Concórdia do Oeste	98510	14:05	14:05	0,000	T505	Xaxim	98510	14:15	14:15	4,750	
T010	Term.Toledo	98510	14:40	14:40	8,500	T010	Term.Toledo	98510	17:00	17:00	0,000	
T505	Xaxim	98510	17:30	17:30	8,450	T504	Concórdia do Oeste	98510	17:35	17:35	4,750	
T517	Cerro da Lola	98510	17:45	17:45	0,000	T503	Dez de Maio	98510	18:00	18:00	0,000	
T502	Dois Irmãos	98510	18:10	18:10	8,500	T501	Vila Ipiranga	98510	18:15	18:15	0,000	
T021	Garagem	98510	18:30	18:30	0,000							

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 5 – Horários programados – Linha 016 (dias úteis)

Alimentador											Dias Úteis	
Linha: 016 - CEPBIO												
Início: 04:35		Final: 05:15		Duração: 00:40		Nº de Viagens: 13,9		Km Tabela: 624,630				
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	
T072	BRF	92611	04:35	04:35	0,000	T026	V.Pioneira	92611	04:45	04:45	0,000	
T020	B.Sta Clara IV	92611	04:50	04:50	0,000	T057	Jd.Panorama II	92611	05:00	05:00	0,000	
T099	CEPBIO	92611	05:15	05:15	0,000							

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).

Quadro 6 – Horários programados – Linha 017 (dias úteis)

Alimentador											Dias Úteis	
Linha: 017 - Primato												
Início: 03:55		Final: 22:15		Duração: 18:20		Nº de Viagens: 33,8		Km Tabela: 924,410				
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	
T034	J.S.Francisc.	95004	03:55	03:55	0,000	T027	Jd.Europa	95004	04:19	04:19	10,770	
T489	Carlu	95004	04:40	04:40	13,900	T094	Primato	95004	05:20	05:25	7,700	
T494	GRUNPLAS	95004	05:30	05:30	1,500	T010	Term.Toledo	95004	05:45	05:45	10,000	
T010	Term.Toledo	94001	07:30	07:30	0,000	T094	Primato	94001	07:55	07:55	15,480	
T496	SENAI	92619	11:35	11:35	0,000	T048	Prati	92619	11:45	11:45	0,000	
T010	Term.Toledo	92619	12:20	12:20	2,680	T094	Primato	92619	12:45	12:45	15,480	
T010	Term.Toledo	92619	13:05	13:05	10,500	T094	Primato	92619	13:25	13:25	15,480	
T047	Term.S,Prati	92619	13:50	13:50	11,100	T048	Prati	92619	14:10	14:10	3,960	
T010	Term.Toledo	92619	14:15	14:15	2,680	T021	Garagem	92616	17:00	17:00	0,000	
T094	Primato	92616	17:33	17:33	0,000	T010	Term.Toledo	92613	17:55	17:55	0,000	
T010	Term.Toledo	92616	17:55	17:55	10,500	T494	GRUNPLAS	92613	18:00	18:00	0,000	
T094	Primato	92613	18:15	18:15	0,000	T512	Sultanques	92613	18:20	18:20	0,000	
T010	Term.Toledo	92613	18:30	18:30	0,000	T010	Term.Toledo	95602	21:15	21:15	0,000	
T048	Prati	95602	21:25	21:25		T094	Primato	95602	21:55	21:55	15,480	
T048	Prati	95602	22:05	22:05	0,000	T010	Term.Toledo	95602	22:15	22:15	2,680	

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 7 – Horários programados – Linha 018 (dias úteis)

Alimentador						Dias Úteis					
Linha: 018 - Carlu BR 163											
Início: 04:25		Final: 23:00		Duração: 18:35		Nº de Viagens: 42,5		Km Tabela: 1.090,260			
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>
T460	13 de Abril	94004	04:25	04:25	0,000	T440	Mercado Schorr	94004	04:30	04:30	2,640
T291	Coopagro.V. parigot	94004	04:42	04:42	3,520	T489	Carlu	94004	04:50	04:50	3,200
T010	Term.Toledo	95002	07:05	07:05	0,000	T091	Carlu BR 163	95002	07:22	07:22	9,100
T094	Primato	95002	07:27	07:27	4,650	T010	Term.Toledo	95002	07:55	07:55	11,100
T010	Term.Toledo	98002	13:00	13:00	0,000	T440	Mercado Schorr	90604	13:15	13:15	0,000
T091	Carlu BR 163	98002	13:25	14:00	9,100	T489	Carlu	90604	13:25	14:00	6,600
T291	Coopagro.V. parigot	90604	14:05	14:05	6,500	T010	Term.Toledo	90604	14:15	14:15	7,250
T010	Term.Toledo	98002	14:25	14:25	10,500	T010	Term.Toledo	99603	16:30	16:30	0,000
T091	Carlu BR 163	99603	17:00	17:00	9,100	T091	Carlu BR 163	98504	17:00	17:00	0,000
T094	Primato	99603	17:07	17:07		T291	Coopagro.V. parigot	98504	17:15	17:15	6,320
T010	Term.Toledo	99603	17:30	17:30	10,500	T048	Prati	98504	17:40	17:40	2,750
T010	Term.Toledo	98504	17:55	17:55	3,650	T048	Prati	98504	18:10	18:10	4,100
T010	Term.Toledo	98504	18:20	18:20	3,650	T010	Term.Toledo	95602	22:15	22:15	0,000
T010	Term.Toledo	98504	22:15	22:15	0,000	T091	Carlu BR 163	98504	22:30	22:30	9,100
T091	Carlu BR 163	95602	22:30	22:30	9,100	T091	Carlu BR 163	92603	22:30	22:30	0,000
T044	Jd.Coopagro	98504	22:45	22:45	6,500	T048	Prati	95602	22:42	22:47	7,950
T010	Term.Toledo	92603	22:50	22:50	10,500	T463	Unipar	98504	22:55	22:55	4,820
T010	Term.Toledo	95602	23:00	23:00	3,650						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 8 – Horários programados – Linha 019 (dias úteis)

Linha: 019 - BIOPARK											
Início: 05:50		Final: 22:50		Duração: 17:00		Nº de Viagens: 93,0		Km Tabela: 2.551,600			
Código	Apelido	Veículo	Chegada	Saída	Km	Código	Apelido	Veículo	Chegada	Saída	Km
T021	Garagem	94003	05:50	05:50	0,000	T468	Centro	94003	05:55	05:55	0,000
T450	Jd Parizotto	94003	06:03	06:03	0,000	T495	Jd. Bressan	94003	06:08	06:08	0,000
T034	J.S.Françisc.	94003	06:15	06:15	0,000	T057	Jd.Panorama II	94003	06:20	06:20	0,000
T026	V.Piencira	94003	06:30	06:30	0,000	T027	Jd.Europa	94003	06:40	06:40	0,000
T010	Term.Toledo	95604	06:47	06:47	0,000	T010	Term.Toledo	90605	06:51	06:51	0,000
T010	Term.Toledo	94004	07:05	07:05	0,000	T090	BIOPARK	90605	07:05	07:05	15,500
T477	Condomínio	90605	07:08	07:08	0,000	T010	Term.Toledo	98002	07:08	07:08	0,000
T090	BIOPARK	95604	07:11	07:11	15,500	T090	BIOPARK	94003	07:11	07:11	0,000
T477	Condomínio	95604	07:13	07:13	0,000	T477	Condomínio	94003	07:15	07:15	0,000
T097	CD	90605	07:12	07:15	0,100	T097	CD	95604	07:15	07:15	0,100
T097	CD	94003	07:18	07:18	0,100	T090	BIOPARK	98002	07:22	07:25	15,500
T090	BIOPARK	94004	07:26	07:26	15,500	T477	Condomínio	98002	07:27	07:27	0,000
T477	Condomínio	94004	07:30	07:30		T010	Term.Toledo	95604	07:30	07:30	16,500
T097	CD	98002	07:30	07:30	0,100	T097	CD	94004	07:32	07:32	1,200
T010	Term.Toledo	90605	07:35	07:35	16,500	T048	Prati	90605	07:45	07:45	6,000
T010	Term.Toledo	90605	08:00	08:00	6,000	T010	Term.Toledo	98002	07:55	08:00	16,500
T090	BIOPARK	98002	08:23	08:25	15,500	T477	Condomínio	98002	08:27	08:27	0,000
T097	CD	98002	08:30	08:30	0,100	T010	Term.Toledo	98002	08:50	09:00	16,500
T090	BIOPARK	98002	09:23	09:30	15,500	T477	Condomínio	98002	09:32	09:32	0,000
T097	CD	98002	09:35	09:35	0,100	T010	Term.Toledo	98002	10:00	10:00	16,500
T010	Term.Toledo	99603	11:00	11:00	0,000	T090	BIOPARK	99603	11:30	11:30	15,500
T478	Ponto Shopping	95004	11:32	11:32	0,000	T477	Condomínio	99603	11:33	11:33	0,000
T010	Term.Toledo	95004	11:35	11:35	1,050	T097	CD	99603	11:35	11:35	0,100
T090	BIOPARK	95004	12:00	12:00	15,500	T477	Condomínio	95004	12:03	12:03	0,000
T097	CD	95004	12:05	12:05	0,100	T010	Term.Toledo	95004	12:30	12:30	16,500
T010	Term.Toledo	99603	12:00	12:30	16,500	T010	Term.Toledo	92618	12:30	12:30	0,000
T048	Prati	99603	12:45	12:50	6,000	T010	Term.Toledo	99603	13:00	13:00	6,000
T090	BIOPARK	92618	13:00	13:00	15,500	T477	Condomínio	92618	13:03	13:03	0,000
T097	CD	92618	13:05	13:05	0,100	T090	BIOPARK	99603	13:26	13:26	15,500
T477	Condomínio	99603	13:28	13:28	0,000	T010	Term.Toledo	92618	13:30	13:30	16,500
T010	Term.Toledo	98504	13:30	13:30	0,000	T097	CD	99603	13:30	13:30	0,100
T010	Term.Toledo	99603	14:00	14:00	16,500	T090	BIOPARK	98504	14:00	14:00	15,500
T477	Condomínio	98504	14:03	14:03	0,000	T097	CD	98504	14:07	14:07	0,100
T010	Term.Toledo	99603	14:30	14:30	0,000	T010	Term.Toledo	98504	14:30	14:30	16,500
T090	BIOPARK	99603	14:55	14:55	15,500	T477	Condomínio	99603	14:57	14:57	0,000
T097	CD	99603	15:00	15:00	0,100	T010	Term.Toledo	99603	15:20	15:20	16,500
T090	BIOPARK	99603	15:45	15:45	15,500	T477	Condomínio	99603	15:48	15:48	0,000
T097	CD	99603	15:50	15:50	0,100	T010	Term.Toledo	99603	16:10	16:10	16,500
T010	Term.Toledo	98610	17:00	17:00	0,000	T477	Condomínio	92614	17:15	17:15	
T090	BIOPARK	92613	17:16	17:16	0,000	T090	BIOPARK	99602	17:16	17:16	0,000
T090	BIOPARK	92610	17:20	17:20	0,000	T097	CD	92614	17:20	17:20	0,000
T477	Condomínio	92610	17:22	17:22	0,000	T097	CD	92610	17:24	17:24	0,100
T090	BIOPARK	98610	17:25	17:25	15,500	T477	Condomínio	98610	17:30	17:30	0,000
T097	CD	98610	17:33	17:33	0,100	T090	BIOPARK	90606	17:30	17:35	0,000

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 9 – Horários programados – Linha 019 (dias úteis)

Alimentador						Dias Úteis					
Linha: 019 - BIOPARK											
Início: 05:50		Final: 22:50		Duração: 17:00		Nº de Viagens: 118,3		Km Tabela: 3.282,270			
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>
T027	Jd.Europa	92610	17:35	17:35	0,000	T010	Term.Toledo	92613	17:35	17:35	15,710
T010	Term.Toledo	99602	17:40	17:40	15,710	T477	Condominio	90606	17:40	17:40	0,000
T097	CD	90606	17:45	17:45	0,100	T026	V.Pioneira	92610	17:50	17:50	0,000
T010	Term.Toledo	92614	17:50	17:50	16,500	T010	Term.Toledo	98610	17:55	17:55	16,500
T057	Jd.Panorama II	92610	17:55	17:55	0,000	T010	Term.Toledo	92614	18:00	18:00	0,000
T034	J.S.Francisc.	92610	18:05	18:05	0,000	T090	BIOPARK	99602	18:00	18:10	15,500
T048	Prati	90606	18:10	18:10	20,000	T477	Condominio	99602	18:15	18:15	0,000
T065	Cezar Park	92610	18:15	18:15	0,000	T010	Term.Toledo	90606	18:20	18:20	6,000
T097	CD	99602	18:20	18:20	0,100	T010	Term.Toledo	92610	18:30	18:30	4,800
T090	BIOPARK	92614	18:20	18:30	15,500	T477	Condominio	92614	18:35	18:35	0,000
T097	CD	92614	18:40	18:40	0,100	T010	Term.Toledo	99602	18:40	18:50	16,500
T010	Term.Toledo	92614	19:00	19:00	16,500	T090	BIOPARK	99602	19:05	19:05	15,500
T477	Condominio	99602	19:07	19:07	0,000	T097	CD	99602	19:10	19:10	0,100
T010	Term.Toledo	99602	19:25	19:25	16,500	T090	BIOPARK	92614	19:30	19:30	15,500
T477	Condominio	92614	19:35	19:35	0,000	T097	CD	92614	19:40	19:40	0,100
T010	Term.Toledo	92614	19:55	19:55	16,500	T010	Term.Toledo	92608	22:00	22:00	0,000
T010	Term.Toledo	98508	22:15	22:15	0,000	T090	BIOPARK	92608	22:20	22:23	15,500
T477	Condominio	92608	22:25	22:25	0,000	T097	CD	92608	22:27	22:27	0,100
T090	BIOPARK	98508	22:30	22:30	15,500	T477	Condominio	98508	22:33	22:33	0,000
T097	CD	98508	22:38	22:38	0,100	T010	Term.Toledo	92608	22:45	22:45	16,500
T010	Term.Toledo	98508	22:50	22:50	16,500						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 10 – Horários programados – Linha 020 (dias úteis)

Alimentador												Dias Úteis	
Linha: 020 - Sta Clara IV													
Início: 06:00			Final: 23:35			Duração: 17:35			Nº de Viagens: 184,9			Km Tabela: 4.344,590	
Código	Apelido	Veiculo	Chegada	Saída	Km	Código	Apelido	Veiculo	Chegada	Saída	Km		
T020	B.Sta Clara IV	92606	06:00	06:00	0,000	T010	Term.Toledo	92611	06:00	06:00	0,000		
T020	B.Sta Clara IV	92611	06:27	06:27	8,660	T010	Term.Toledo	92606	06:27	06:30	7,800		
T473	R. Dos Pioneiros	92603	06:40	06:40	0,000	T020	B.Sta Clara IV	92606	06:57	06:57	8,660		
T010	Term.Toledo	92611	06:57	07:00	7,800	T010	Term.Toledo	92603	07:05	07:05	5,200		
T090	BIOPARK	92603	07:25	07:25	15,500	T097	CD	92603	07:27	07:27	0,200		
T020	B.Sta Clara IV	92611	07:27	07:27	8,660	T010	Term.Toledo	92606	07:27	07:30	7,800		
T020	B.Sta Clara IV	92606	07:57	07:57	8,660	T010	Term.Toledo	92611	07:57	08:00	7,800		
T021	Garagem	92603	08:00	08:00	0,000	T020	B.Sta Clara IV	92611	08:27	08:27	8,660		
T010	Term.Toledo	92606	08:27	08:30	7,800	T020	B.Sta Clara IV	92606	08:57	08:57	8,660		
T010	Term.Toledo	92611	08:57	09:00	7,800	T020	B.Sta Clara IV	92611	09:27	09:27	8,660		
T010	Term.Toledo	92606	09:27	09:30	7,800	T020	B.Sta Clara IV	92606	09:57	09:57	8,660		
T010	Term.Toledo	92611	09:57	10:00	7,800	T020	B.Sta Clara IV	92611	10:27	10:27	8,660		
T010	Term.Toledo	92606	10:27	10:30	7,800	T020	B.Sta Clara IV	92606	10:57	10:57	8,660		
T010	Term.Toledo	92611	10:57	11:00	7,800	T020	B.Sta Clara IV	92611	11:27	11:27	8,660		
T010	Term.Toledo	92606	11:27	11:30	7,800	T020	B.Sta Clara IV	92606	11:57	11:57	8,660		
T010	Term.Toledo	92611	11:57	12:00	7,800	T020	B.Sta Clara IV	92611	12:27	12:27	8,660		
T010	Term.Toledo	92606	12:27	12:30	7,800	T020	B.Sta Clara IV	92606	12:57	12:57	8,660		
T010	Term.Toledo	92611	12:57	13:00	7,800	T020	B.Sta Clara IV	92611	13:27	13:27	8,660		
T010	Term.Toledo	92606	13:27	13:30	7,800	T020	B.Sta Clara IV	92606	13:57	13:57	8,660		
T010	Term.Toledo	92611	13:57	14:00	7,800	T020	B.Sta Clara IV	92611	14:27	14:27	8,660		
T010	Term.Toledo	92606	14:27	14:30	7,800	T020	B.Sta Clara IV	92606	14:57	14:57	8,660		
T010	Term.Toledo	92611	14:57	15:00	7,800	T010	Term.Toledo	92606	15:27	15:30	7,800		
T020	B.Sta Clara IV	92611	15:30	15:30	8,660	T020	B.Sta Clara IV	92606	15:57	15:57	8,660		
T010	Term.Toledo	92611	16:00	16:00	7,800	T010	Term.Toledo	92606	16:25	16:30	7,800		
T020	B.Sta Clara IV	92611	16:30	16:30	8,660	T020	B.Sta Clara IV	92606	16:57	16:57	8,660		
T010	Term.Toledo	92611	17:00	17:00	7,800	T010	Term.Toledo	92606	17:25	17:30	7,800		
T020	B.Sta Clara IV	92611	17:30	17:30	8,660	T020	B.Sta Clara IV	92606	17:57	17:57	8,660		
T010	Term.Toledo	92611	18:00	18:00	7,800	T010	Term.Toledo	92606	18:25	18:30	7,800		
T020	B.Sta Clara IV	92611	18:30	18:30	8,660	T020	B.Sta Clara IV	92606	18:57	18:57	8,660		
T010	Term.Toledo	92611	19:00	19:00	7,800	T010	Term.Toledo	92606	19:25	19:30	7,800		
T020	B.Sta Clara IV	92606	19:57	19:57	8,660	T010	Term.Toledo	92606	20:25	20:30	7,800		
T020	B.Sta Clara IV	92606	20:55	20:55	8,660	T010	Term.Toledo	92606	21:25	21:30	7,800		
T020	B.Sta Clara IV	92606	21:50	21:50	8,660	T010	Term.Toledo	92606	22:12	22:15	7,800		
T020	B.Sta Clara IV	92606	22:35	22:35	8,660	T010	Term.Toledo	92606	22:57	23:05	7,800		
T020	B.Sta Clara IV	92606	23:20	23:20	8,660	T021	Garagem	92606	23:35	23:35	0,000		

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 11 – Horários programados – Linha 021 (dias úteis)

Alimentador											Dias Úteis
Linha: 021 - Sta Clara II											
Início: 06:15		Final: 23:12		Duração: 16:57		Nº de Viagens: 227,7		Km Tabela: 5.023,170			
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>
T010	Term.Toledo	98506	06:15	06:15	0,000	T023	B.Sta Clara II	98506	06:27	06:27	5,420
T010	Term.Toledo	98506	06:58	07:00	10,950	T023	B.Sta Clara II	98506	07:15	07:15	5,420
T010	Term.Toledo	98506	07:45	07:45	10,950	T023	B.Sta Clara II	98506	08:00	08:00	5,420
T010	Term.Toledo	98506	08:25	08:30	10,950	T023	B.Sta Clara II	98506	08:47	08:47	5,420
T010	Term.Toledo	98506	09:15	09:20	10,950	T023	B.Sta Clara II	98506	09:37	09:37	5,420
T010	Term.Toledo	98506	10:05	10:10	10,950	T023	B.Sta Clara II	98506	10:27	10:27	5,420
T010	Term.Toledo	98506	10:55	11:00	10,950	T023	B.Sta Clara II	98506	11:17	11:17	5,420
T010	Term.Toledo	98506	11:45	11:50	10,950	T023	B.Sta Clara II	98506	12:07	12:07	5,420
T010	Term.Toledo	98506	12:35	12:40	10,950	T023	B.Sta Clara II	98506	12:57	12:57	5,420
T010	Term.Toledo	98506	13:25	13:30	10,950	T023	B.Sta Clara II	98506	13:44	13:44	5,420
T099	CEPBIO	98506	13:50	13:50	0,000	T010	Term.Toledo	98506	14:15	14:20	0,000
T023	B.Sta Clara II	98506	14:37	14:37	5,420	T010	Term.Toledo	98506	15:05	15:10	10,950
T023	B.Sta Clara II	98506	15:27	15:27	5,420	T010	Term.Toledo	98506	15:55	16:00	10,950
T481	PUC / CEPBIO	98506	16:17	16:17	8,380	T010	Term.Toledo	98506	16:45	16:50	8,340
T481	PUC / CEPBIO	98506	17:07	17:07	8,380	T010	Term.Toledo	98506	17:35	17:40	8,340
T023	B.Sta Clara II	98506	17:57	17:57	5,420	T010	Term.Toledo	98506	18:25	18:30	10,950
T023	B.Sta Clara II	98506	18:47	18:47	5,420	T010	Term.Toledo	98506	19:12	19:15	10,950
T023	B.Sta Clara II	98506	19:30	19:30	5,420	T010	Term.Toledo	98506	19:52	19:55	10,950
T023	B.Sta Clara II	98506	20:10	20:10	5,420	T010	Term.Toledo	98506	20:35	20:40	10,950
T023	B.Sta Clara II	98506	20:55	20:55	5,420	T010	Term.Toledo	98506	21:20	21:25	10,950
T023	B.Sta Clara II	98506	21:40	21:40	5,420	T010	Term.Toledo	98506	22:05	22:10	10,950
T481	PUC / CEPBIO	98506	22:25	22:25	8,380	T010	Term.Toledo	98506	22:55	23:00	8,340
T023	B.Sta Clara II	98506	23:12	23:12	5,420						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 12 – Horários programados – Linha 023 (dias úteis)

Alimentador						Dias Úteis					
Linha: 023 - Jd.Coopagro											
Início: 06:15		Final: 23:20		Duração: 17:05		Nº de Viagens: 297,3		Km Tabela: 6.501,970			
Código	Apelido	Veículo	Chegad	Saída	Km	Código	Apelido	Veículo	Chegad	Saída	Km
T044	Jd.Coopagro	90607	06:15	06:15	0,000	T010	Term.Toledo	92614	06:20	06:20	0,000
T044	Jd.Coopagro	92614	06:35	06:35	10,550	T010	Term.Toledo	90607	06:37	06:40	10,700
T010	Term.Toledo	92614	06:58	07:00	10,700	T044	Jd.Coopagro	90607	06:58	07:00	10,550
T044	Jd.Coopagro	92614	07:20	07:20	10,550	T010	Term.Toledo	90607	07:17	07:20	10,700
T044	Jd.Coopagro	90607	07:38	07:38	10,550	T010	Term.Toledo	92614	07:42	07:45	10,700
T044	Jd.Coopagro	92614	08:05	08:05	10,550	T010	Term.Toledo	90607	08:07	08:10	10,700
T010	Term.Toledo	92614	08:28	08:30	10,700	T044	Jd.Coopagro	90607	08:33	08:33	10,550
T044	Jd.Coopagro	92614	08:50	08:50	10,550	T010	Term.Toledo	90607	08:57	09:00	10,700
T044	Jd.Coopagro	90607	09:23	09:23	10,550	T010	Term.Toledo	92614	09:25	09:25	10,700
T010	Term.Toledo	90607	09:47	09:50	10,700	T044	Jd.Coopagro	90607	10:13	10:13	10,550
T010	Term.Toledo	90607	10:37	10:40	10,700	T044	Jd.Coopagro	90607	11:03	11:03	10,550
T010	Term.Toledo	90607	11:27	11:30	10,700	T010	Term.Toledo	95604	11:50	11:50	0,000
T044	Jd.Coopagro	90607	11:53	11:53	10,550	T044	Jd.Coopagro	95604	12:13	12:13	10,550
T010	Term.Toledo	90607	12:17	12:20	10,700	T010	Term.Toledo	95604	12:37	12:40	10,700
T044	Jd.Coopagro	90607	12:43	12:43	10,550	T044	Jd.Coopagro	95604	13:05	13:05	10,550
T010	Term.Toledo	90607	13:07	13:10	10,700	T010	Term.Toledo	95604	13:27	13:30	10,700
T044	Jd.Coopagro	90607	13:33	13:33	10,550	T044	Jd.Coopagro	95604	13:53	13:53	10,550
T010	Term.Toledo	90607	13:57	14:00	10,700	T010	Term.Toledo	95604	14:17	14:20	10,700
T044	Jd.Coopagro	90607	14:23	14:23	10,550	T044	Jd.Coopagro	95604	14:43	14:43	10,550
T010	Term.Toledo	90607	14:47	14:50	10,700	T010	Term.Toledo	95604	15:07	15:10	10,700
T044	Jd.Coopagro	90607	15:13	15:13	10,550	T044	Jd.Coopagro	95604	15:33	15:33	10,550
T010	Term.Toledo	90607	15:37	15:40	10,700	T010	Term.Toledo	95604	15:57	16:00	10,700
T044	Jd.Coopagro	90607	16:03	16:03	10,550	T044	Jd.Coopagro	95604	16:23	16:23	10,550
T010	Term.Toledo	90607	16:27	16:30	10,700	T010	Term.Toledo	95604	16:47	16:50	10,700
T044	Jd.Coopagro	90607	16:53	16:53	10,550	T044	Jd.Coopagro	95604	17:13	17:13	10,550
T010	Term.Toledo	90607	17:17	17:20	10,700	T010	Term.Toledo	95604	17:37	17:40	10,700
T044	Jd.Coopagro	90607	17:43	17:43	10,550	T044	Jd.Coopagro	95604	18:03	18:03	10,550
T010	Term.Toledo	90607	18:07	18:10	10,700	T010	Term.Toledo	95604	18:27	18:30	10,700
T044	Jd.Coopagro	90607	18:33	18:33	10,550	T044	Jd.Coopagro	95604	18:53	18:53	10,550
T010	Term.Toledo	90607	18:57	19:00	10,700	T010	Term.Toledo	95604	19:10	19:10	10,700
T044	Jd.Coopagro	90607	19:23	19:23	10,550	T010	Term.Toledo	90607	19:47	19:50	10,700
T010	Term.Toledo	98501	20:00	20:05	0,000	T044	Jd.Coopagro	90607	20:10	20:10	10,550
T044	Jd.Coopagro	98501	20:25	20:25	10,550	T010	Term.Toledo	90607	20:30	20:30	10,700
T010	Term.Toledo	98501	20:50	20:55	10,700	T044	Jd.Coopagro	98501	21:15	21:15	10,550
T010	Term.Toledo	98501	21:35	21:40	10,700	T044	Jd.Coopagro	98501	22:00	22:00	10,550
T010	Term.Toledo	98501	22:15	22:20	10,700	T044	Jd.Coopagro	98501	22:40	22:40	10,550
T010	Term.Toledo	98501	23:00	23:05	10,700	T291	Coopagro.V. parigot	98501	23:20	23:20	6,200

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 13 – Horários programados – Linha 024 (dias úteis)

Alimentador												Dias Úteis			
Linha: 024 - São Francisco															
Início: 05:45			Final: 23:45			Duração: 18:00			Nº de Viagens: 384,7			Km Tabela: 8.111,970			
Código	Apelido	Veículo	Chegada	Saída	Km	Código	Apelido	Veículo	Chegada	Saída	Km				
T035	J.S.Franc.V.S.Joao	92612	05:45	05:45	0,000	T035	J.S.Franc.V.S.Joao	93601	06:00	06:00	0,000				
T029	J.S.Franc.V.Parizoto	98610	06:10	06:10	0,000	T012	Term.Tol.V.Parizoto	92612	06:05	06:10	7,210				
T011	Term.tol. V.S.Joao	93601	06:27	06:30	9,030	T050	São F. Via Panorama	92612	06:35	06:35	8,800				
T012	Term.Tol.V.Parizoto	98610	06:45	06:50	10,200	T029	J.S.Franc.V.Parizoto	93601	06:55	06:55	7,840				
T012	Term.Tol.V.Parizoto	92612	07:03	07:05	9,060	T096	S.Fco via Paulista	95602	07:07	07:07	0,000				
T029	J.S.Franc.V.Parizoto	98610	07:20	07:20	10,200	T011	Term.tol. V.S.Joao	93601	07:27	07:30	7,170				
T050	São F. Via Panorama	92612	07:30	07:30	8,800	T011	Term.tol. V.S.Joao	95602	07:40	07:45	10,600				
T012	Term.Tol.V.Parizoto	98610	07:47	07:50	10,200	T029	J.S.Franc.V.Parizoto	93601	07:55	07:55	7,840				
T012	Term.Tol.V.Parizoto	92612	07:58	08:00	9,060	T096	S.Fco via Paulista	95602	08:10	08:10	8,000				
T035	J.S.Franc.V.S.Joao	98610	08:20	08:20	10,200	T050	São F. Via Panorama	92612	08:26	08:26	8,800				
T011	Term.tol. V.S.Joao	93601	08:27	08:30	7,170	T011	Term.tol. V.S.Joao	95602	08:40	08:45	10,600				
T010	Term.Toledo	98610	08:50	08:50	7,170	T029	J.S.Franc.V.Parizoto	93601	08:55	08:55	7,840				
T012	Term.Tol.V.Parizoto	92612	08:57	09:00	9,060	T096	S.Fco via Paulista	95602	09:10	09:10	8,000				
T050	São F. Via Panorama	92612	09:26	09:26	8,800	T011	Term.tol. V.S.Joao	93601	09:27	09:30	7,170				
T011	Term.tol. V.S.Joao	95602	09:40	09:45	10,600	T029	J.S.Franc.V.Parizoto	93601	09:55	09:55	7,840				
T012	Term.Tol.V.Parizoto	92612	09:57	10:00	9,060	T096	S.Fco via Paulista	95602	10:10	10:10	8,000				
T050	São F. Via Panorama	92612	10:26	10:26	8,800	T011	Term.tol. V.S.Joao	93601	10:27	10:30	7,170				
T011	Term.tol. V.S.Joao	95602	10:40	10:45	10,600	T029	J.S.Franc.V.Parizoto	93601	10:55	10:55	7,840				
T012	Term.Tol.V.Parizoto	92612	10:57	11:00	9,060	T096	S.Fco via Paulista	95602	11:10	11:10	8,000				
T050	São F. Via Panorama	92612	11:26	11:26	8,800	T011	Term.tol. V.S.Joao	93601	11:27	11:30	7,170				
T011	Term.tol. V.S.Joao	95602	11:40	11:45	10,600	T029	J.S.Franc.V.Parizoto	93601	11:55	11:55	7,840				
T012	Term.Tol.V.Parizoto	92612	11:57	12:00	9,060	T096	S.Fco via Paulista	95602	12:10	12:10	8,000				
T050	São F. Via Panorama	92612	12:26	12:26	8,800	T011	Term.tol. V.S.Joao	93601	12:27	12:30	7,170				
T011	Term.tol. V.S.Joao	95602	12:40	12:45	10,600	T029	J.S.Franc.V.Parizoto	93601	12:55	12:55	7,840				
T012	Term.Tol.V.Parizoto	92612	12:57	13:00	9,060	T096	S.Fco via Paulista	95602	13:10	13:10	8,000				
T050	São F. Via Panorama	92612	13:26	13:26	8,800	T011	Term.tol. V.S.Joao	93601	13:27	13:30	7,170				
T011	Term.tol. V.S.Joao	95602	13:40	13:45	10,600	T029	J.S.Franc.V.Parizoto	93601	13:55	13:55	7,840				
T012	Term.Tol.V.Parizoto	92612	13:57	14:00	9,060	T096	S.Fco via Paulista	95602	14:10	14:10	8,000				
T050	São F. Via Panorama	92612	14:26	14:26	8,800	T011	Term.tol. V.S.Joao	93601	14:27	14:30	7,170				
T011	Term.tol. V.S.Joao	95602	14:40	14:45	10,600	T029	J.S.Franc.V.Parizoto	93601	14:55	14:55	7,840				
T012	Term.Tol.V.Parizoto	92612	14:57	15:00	9,060	T096	S.Fco via Paulista	95602	15:10	15:10	8,000				
T050	São F. Via Panorama	92612	15:26	15:26	8,800	T011	Term.tol. V.S.Joao	93601	15:27	15:30	7,170				
T011	Term.tol. V.S.Joao	95602	15:40	15:45	10,600	T029	J.S.Franc.V.Parizoto	93601	15:55	15:55	7,840				
T012	Term.Tol.V.Parizoto	92612	15:57	16:00	9,060	T096	S.Fco via Paulista	95602	16:10	16:10	8,000				
T050	São F. Via Panorama	92612	16:26	16:26	8,800	T011	Term.tol. V.S.Joao	93601	16:27	16:30	7,170				
T011	Term.tol. V.S.Joao	95602	16:40	16:45	10,600	T029	J.S.Franc.V.Parizoto	93601	16:55	16:55	7,840				
T012	Term.Tol.V.Parizoto	92612	16:57	17:00	9,060	T096	S.Fco via Paulista	95602	17:10	17:10	8,000				
T050	São F. Via Panorama	92612	17:26	17:26	8,800	T011	Term.tol. V.S.Joao	93601	17:27	17:30	7,170				
T011	Term.tol. V.S.Joao	92618	17:35	17:35	0,000	T011	Term.tol. V.S.Joao	95602	17:40	17:45	10,600				
T029	J.S.Franc.V.Parizoto	93601	17:55	17:55	7,840	T012	Term.Tol.V.Parizoto	92612	17:57	18:00	9,060				
T035	J.S.Franc.V.S.Joao	92618	18:00	18:00	7,840	T096	S.Fco via Paulista	95602	18:10	18:10	8,000				
T010	Term.Toledo	92618	18:25	18:25	7,170	T050	São F. Via Panorama	92612	18:26	18:26	8,800				
T011	Term.tol. V.S.Joao	93601	18:27	18:30	7,170	T011	Term.tol. V.S.Joao	95602	18:40	18:40	10,600				
T029	J.S.Franc.V.Parizoto	93601	18:55	18:55	7,840	T012	Term.Tol.V.Parizoto	92612	18:57	19:00	9,060				

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 14 – Horários programados – Linha 024 (dias úteis)

Alimentador											Dias Úteis	
Linha: 024 - São Francisco												
Início: 05:45			Final: 23:45			Duração: 18:00		Nº de Viagens: 428,3		Km Tabela: 8.916,970		
Código	Apelido	Veículo	Chegad	Saida	Km	Código	Apelido	Veículo	Chegad	Saida	Km	
T010	Term.Toledo	93601	19:25	19:25	10,200	T050	São F. Via Panorama	92612	19:26	19:26	8,800	
T012	Term.Tol.V.Parizoto	92612	19:55	20:00	9,060	T050	São F. Via Panorama	92612	20:26	20:26	8,800	
T012	Term.Tol.V.Parizoto	92612	20:57	21:00	9,060	T050	São F. Via Panorama	92612	21:26	21:26	8,800	
T012	Term.Tol.V.Parizoto	92612	22:00	22:10	9,060	T050	São F. Via Panorama	92612	22:30	22:30	8,800	
T012	Term.Tol.V.Parizoto	92612	22:57	23:05	9,060	T050	São F. Via Panorama	92612	23:30	23:30	8,800	
T021	Garagem	92612	23:45	23:45	0,000							

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).

Quadro 15 – Horários programados – Linha 025 (dias úteis)

Alimentador											Dias Úteis	
Linha: 025 - PUC												
Início: 06:00			Final: 19:30			Duração: 13:30		Nº de Viagens: 437,7		Km Tabela: 9.030,960		
Código	Apelido	Veículo	Chegad	Saida	Km	Código	Apelido	Veículo	Chegad	Saida	Km	
T010	Term.Toledo	98503	06:00	06:00	0,000	T023	B.Sta Clara II	98503	06:15	06:15	6,050	
T018	Terminal.S.Puc	98503	06:45	06:45	9,880	T481	PUC / CEPBIO	98503	07:00	07:00	4,930	
T018	Terminal.S.Puc	98503	07:25	07:30	7,670	T481	PUC / CEPBIO	98503	07:45	07:45	4,930	
T018	Terminal.S.Puc	98503	08:15	08:15	7,670	T481	PUC / CEPBIO	98503	08:30	08:30	4,930	
T010	Term.Toledo	98503	09:00	09:00	0,000	T018	Terminal.S.Puc	98503	11:45	11:45	0,000	
T481	PUC / CEPBIO	98503	12:00	12:00	4,930	T018	Terminal.S.Puc	98503	12:30	12:30	7,670	
T481	PUC / CEPBIO	98503	12:45	12:45	4,930	T018	Terminal.S.Puc	98503	13:15	13:15	7,670	
T481	PUC / CEPBIO	98503	13:30	13:30	4,930	T019	Term. S. Industrial	98503	14:00	14:30	0,000	
T042	V.Industrial	98503	14:45	14:45	0,000	T010	Term.Toledo	98503	15:00	15:00	0,000	
T018	Terminal.S.Puc	98503	17:15	17:15	0,000	T481	PUC / CEPBIO	98503	17:30	17:30	4,930	
T018	Terminal.S.Puc	98503	17:55	18:00	7,670	T481	PUC / CEPBIO	98503	18:15	18:15	4,930	
T018	Terminal.S.Puc	98503	18:40	18:45	7,670	T481	PUC / CEPBIO	98503	19:00	19:00	4,930	
T018	Terminal.S.Puc	98503	19:30	19:30	7,670							

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 16 – Horários programados – Linha 026 (dias úteis)

Alimentador											Dias Úteis	
Linha: 026 - Vila Operaria												
Início: 05:45		Final: 22:40		Duração: 16:55		Nº de Viagens: 489,1		Km Tabela: 9.985,260				
Código	Apelido	Veículo	Chegad	Saida	Km	Código	Apelido	Veículo	Chegad	Saida	Km	
T038	B.Horizonte	92604	05:45	05:45	0,000	T007	Nascer Do Sol	92604	05:55	05:55	4,100	
T013	Termi.V.Piratini	90606	06:00	06:00	0,000	T013	Termi.V.Piratini	92604	06:15	06:20	7,500	
T038	B.Horizonte	90606	06:30	06:30	12,000	T038	B.Horizonte	92604	06:50	06:50	12,000	
T003	Op. Via Parizzoto	92604	07:00	07:00	0,000	T013	Termi.V.Piratini	90606	06:57	07:00	12,000	
T012	Term.Tol.V.Parizoto	92604	07:25	07:30	7,150	T038	B.Horizonte	90606	07:30	07:30	12,000	
T004	Op. Via piratini	92604	07:50	07:50	9,750	T013	Termi.V.Piratini	90606	07:57	08:00	12,000	
T012	Term.Tol.V.Parizoto	92604	08:25	08:30	9,750	T003	Op. Via Parizzoto	90606	08:30	08:30	9,750	
T004	Op. Via piratini	92604	08:50	08:50	9,750	T013	Termi.V.Piratini	98510	09:00	09:00	0,000	
T010	Term.Toledo	90606	09:00	09:00	7,010	T012	Term.Tol.V.Parizoto	92604	09:25	09:30	9,750	
T003	Op. Via Parizzoto	98510	09:30	09:30	9,750	T004	Op. Via piratini	92604	09:50	09:50	9,750	
T013	Termi.V.Piratini	98510	10:00	10:00	7,010	T003	Op. Via Parizzoto	98510	10:30	10:30	9,750	
T012	Term.Tol.V.Parizoto	92604	10:25	10:30	9,750	T004	Op. Via piratini	92604	10:50	10:50	9,750	
T013	Termi.V.Piratini	98510	11:00	11:00	7,010	T012	Term.Tol.V.Parizoto	92604	11:25	11:30	9,750	
T003	Op. Via Parizzoto	98510	11:30	11:30	9,750	T004	Op. Via piratini	92604	11:50	11:50	9,750	
T013	Termi.V.Piratini	98510	12:00	12:00	7,010	T013	Termi.V.Piratini	90606	12:00	12:00	0,000	
T003	Op. Via Parizzoto	90606	12:30	12:30	9,750	T012	Term.Tol.V.Parizoto	92604	12:25	12:30	9,750	
T004	Op. Via piratini	92604	12:50	12:50	9,750	T013	Termi.V.Piratini	90606	13:00	13:00	7,010	
T012	Term.Tol.V.Parizoto	92604	13:25	13:30	9,750	T003	Op. Via Parizzoto	90606	13:30	13:30	9,750	
T012	Term.Tol.V.Parizoto	98507	13:30	13:30	0,000	T004	Op. Via piratini	98507	13:50	13:50	9,750	
T013	Termi.V.Piratini	90606	14:00	14:00	7,010	T013	Termi.V.Piratini	98507	14:30	14:30	9,750	
T003	Op. Via Parizzoto	90606	14:30	14:30	9,750	T010	Term.Toledo	90606	15:00	15:00	7,010	
T082	P. Stop BRF	98507	15:05	15:05	11,540	T010	Term.Toledo	98507	15:40	15:40	7,160	
T013	Termi.V.Piratini	92604	15:40	15:40	0,000	T082	P. Stop BRF	92604	16:15	16:15	11,540	
T013	Termi.V.Piratini	92604	16:50	16:50	7,160	T082	P. Stop BRF	92604	17:25	17:25	11,540	
T013	Termi.V.Piratini	92604	18:00	18:00	7,160	T082	P. Stop BRF	92604	18:35	18:35	11,540	
T013	Termi.V.Piratini	92604	19:10	19:10	7,160	T082	P. Stop BRF	92604	19:45	19:45	11,540	
T013	Termi.V.Piratini	92604	20:10	20:10	7,160	T010	Term.Toledo	98507	20:15	20:15	0,000	
T038	B.Horizonte	98507	20:40	20:40	12,000	T010	Term.Toledo	98507	21:10	21:15	7,540	
T038	B.Horizonte	98507	21:40	21:40	12,000	T010	Term.Toledo	98507	22:10	22:15	7,540	
T038	B.Horizonte	98507	22:40	22:40	12,000							

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 17 – Horários programados – Linha 027 (dias úteis)

Alimentador											Dias Úteis	
Linha: 027 - Jd.Porto Alegre												
Início: 05:45		Final: 13:27		Duração: 07:42		Nº de Viagens: 519,6		Km Tabela: 10.298,740				
<u>Código</u>	<u>Apelido</u>	<u>Veiculo</u>	<u>Chegad</u>	<u>Saida</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veiculo</u>	<u>Chegad</u>	<u>Saida</u>	<u>Km</u>	
T083	Central Pack	98507	05:45	05:45	0,000	T010	Term.Toledo	98507	05:50	05:50	4,100	
T039	Jd.P.Alegre	98507	06:00	06:00	5,580	T010	Term.Toledo	98507	06:12	06:15	4,680	
T039	Jd.P.Alegre	98507	06:30	06:30	5,580	T010	Term.Toledo	98507	06:42	06:45	4,680	
T039	Jd.P.Alegre	98507	07:00	07:00	5,580	T010	Term.Toledo	98507	07:12	07:15	4,680	
T039	Jd.P.Alegre	98507	07:30	07:30	5,580	T010	Term.Toledo	98507	07:42	07:48	4,680	
T039	Jd.P.Alegre	98507	08:00	08:00	5,580	T010	Term.Toledo	98507	08:30	08:30	4,680	
T039	Jd.P.Alegre	98507	08:42	08:45	5,580	T010	Term.Toledo	98507	09:00	09:00	4,680	
T039	Jd.P.Alegre	98507	09:15	09:15	5,580	T010	Term.Toledo	98507	09:27	09:30	4,680	
T039	Jd.P.Alegre	98507	09:45	09:45	5,580	T010	Term.Toledo	98507	09:57	10:00	4,680	
T039	Jd.P.Alegre	98507	10:15	10:15	5,580	T010	Term.Toledo	98507	10:27	10:30	4,680	
T039	Jd.P.Alegre	98507	10:45	10:45	5,580	T010	Term.Toledo	98507	10:57	11:00	4,680	
T039	Jd.P.Alegre	98507	11:15	11:15	5,580	T010	Term.Toledo	98507	11:27	11:30	4,680	
T039	Jd.P.Alegre	98507	11:45	11:45	5,580	T010	Term.Toledo	98507	11:57	12:00	4,680	
T028	Sperafico	98507	12:15	12:15	4,500	T010	Term.Toledo	98507	12:27	12:30	4,500	
T039	Jd.P.Alegre	98507	12:45	12:45	5,580	T010	Term.Toledo	98507	12:57	13:00	4,680	
T039	Jd.P.Alegre	98507	13:15	13:15	5,580	T010	Term.Toledo	98507	13:27	13:27	4,680	

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 18 – Horários programados – Linha 028 (dias úteis)

Alimentador						Dias Úteis					
Linha: 028 - Vila Industrial											
Início: 05:55		Final: 13:55		Duração: 08:00		Nº de Viagens: 533,6		Km Tabela: 10.439,720			
<u>Código</u>	<u>Apelido</u>	<u>Veiculo</u>	<u>Chegad</u>	<u>Saida</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veiculo</u>	<u>Chegad</u>	<u>Saida</u>	<u>Km</u>
T010	Term.Toledo	98508	05:55	05:55	0,000	T042	V.Industrial	98508	06:10	06:10	4,150
T010	Term.Toledo	98508	06:27	06:30	5,920	T042	V.Industrial	98508	06:43	06:43	4,150
T010	Term.Toledo	98508	06:57	07:05	5,920	T042	V.Industrial	98508	07:18	07:18	4,150
T010	Term.Toledo	98508	07:37	07:40	5,920	T042	V.Industrial	98508	07:53	07:53	4,150
T010	Term.Toledo	98508	08:12	08:15	5,920	T042	V.Industrial	98508	08:28	08:28	4,150
T010	Term.Toledo	98508	08:47	08:50	5,920	T042	V.Industrial	98508	09:03	09:03	4,150
T010	Term.Toledo	98508	09:22	09:25	5,920	T042	V.Industrial	98508	09:38	09:38	4,150
T010	Term.Toledo	98508	09:57	10:00	5,920	T042	V.Industrial	98508	10:13	10:13	4,150
T010	Term.Toledo	98508	10:32	10:35	5,920	T042	V.Industrial	98508	10:48	10:48	4,150
T010	Term.Toledo	98508	11:07	11:10	5,920	T042	V.Industrial	98508	11:23	11:23	4,150
T010	Term.Toledo	98508	11:42	11:45	5,920	T042	V.Industrial	98508	11:58	11:58	4,150
T010	Term.Toledo	98508	12:17	12:20	5,920	T042	V.Industrial	98508	12:33	12:33	4,150
T010	Term.Toledo	98508	12:52	12:55	5,920	T042	V.Industrial	98508	13:08	13:08	4,150
T010	Term.Toledo	98508	13:27	13:30	5,920	T042	V.Industrial	98508	13:42	13:42	4,150
T010	Term.Toledo	98508	13:55	13:55	5,920						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 19 – Horários programados – Linha 029 (dias úteis)

Alimentador												Dias Úteis	
Linha: 029 - Coopagro. Via. Parigot													
Início: 05:50			Final: 23:40			Duração: 17:50			Nº de Viagens: 579,0			Km Tabela: 11.024,820	
<u>Código</u>	<u>Apelido</u>	<u>Veiculo</u>	<u>Chegad</u>	<u>Saida</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veiculo</u>	<u>Chegad</u>	<u>Saida</u>	<u>Km</u>		
T089	Jd. da Saudade	92608	05:50	05:50	0,000	T043	Term EUROPA V. CON	92608	06:15	06:25	6,860		
T089	Jd. da Saudade	92608	06:45	06:45	7,050	T010	Term.Toledo	92608	07:12	07:15	6,860		
T291	Coopagro.V. parigot	92608	07:35	07:35	6,240	T043	Term EUROPA V. CON	92608	07:57	08:00	6,910		
T089	Jd. da Saudade	92608	08:20	08:20	7,050	T010	Term.Toledo	92608	08:42	08:45	6,860		
T291	Coopagro.V. parigot	92608	09:08	09:08	6,240	T010	Term.Toledo	92608	09:30	09:32	6,640		
T291	Coopagro.V. parigot	92608	09:53	09:53	6,240	T010	Term.Toledo	92608	10:15	10:17	6,640		
T291	Coopagro.V. parigot	92608	10:38	10:38	6,240	T010	Term.Toledo	92608	11:03	11:05	6,640		
T291	Coopagro.V. parigot	92608	11:28	11:28	6,240	T010	Term.Toledo	92608	11:52	11:55	6,640		
T291	Coopagro.V. parigot	92608	12:18	12:18	6,240	T010	Term.Toledo	92608	12:43	12:45	6,640		
T291	Coopagro.V. parigot	92608	13:08	13:08	6,240	T010	Term.Toledo	92608	13:32	13:35	6,640		
T291	Coopagro.V. parigot	92608	13:58	13:58	6,240	T010	Term.Toledo	92608	14:23	14:25	6,640		
T291	Coopagro.V. parigot	92608	14:48	14:48	6,240	T010	Term.Toledo	92608	15:13	15:15	6,640		
T291	Coopagro.V. parigot	92608	15:38	15:38	6,240	T010	Term.Toledo	92608	16:03	16:05	6,640		
T291	Coopagro.V. parigot	92608	16:28	16:28	6,240	T010	Term.Toledo	92608	16:53	16:55	6,640		
T291	Coopagro.V. parigot	92608	17:18	17:18	6,240	T010	Term.Toledo	92608	17:43	17:45	6,640		
T291	Coopagro.V. parigot	92608	18:08	18:08	6,240	T010	Term.Toledo	92608	18:33	18:35	6,640		
T291	Coopagro.V. parigot	92608	18:58	18:58	6,240	T010	Term.Toledo	98510	19:12	19:15	0,000		
T010	Term.Toledo	92608	19:25	19:25	6,640	T291	Coopagro.V. parigot	98510	19:35	19:35	6,240		
T010	Term.Toledo	98510	19:57	20:00	6,640	T291	Coopagro.V. parigot	98510	20:20	20:20	6,240		
T010	Term.Toledo	98510	20:42	20:45	6,640	T291	Coopagro.V. parigot	98510	21:05	21:05	6,240		
T010	Term.Toledo	98510	21:27	21:30	6,640	T291	Coopagro.V. parigot	98510	21:45	21:45	6,240		
T010	Term.Toledo	98510	22:12	22:15	6,640	T291	Coopagro.V. parigot	98510	22:35	22:35	6,240		
T010	Term.Toledo	98510	23:00	23:05	6,640	T291	Coopagro.V. parigot	98510	23:30	23:30	6,240		
T010	Term.Toledo	98510	23:40	23:40	6,640								

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 20 – Horários programados – Linha 030 (dias úteis)

Alimentador											Dias Úteis	
Linha: 030 - Colonia												
Início: 10:55		Final: 22:15		Duração: 11:20		Nº de Viagens: 616,6		Km Tabela: 11.438,020				
Código	Apelido	Veículo	Chegad	Saída	Km	Código	Apelido	Veículo	Chegad	Saída	Km	
T049	Term.S.Panorama II	95603	10:55	10:55	0,000	T057	Jd.Panorama II	95603	11:15	11:15	7,000	
T051	Term.S.Colonia	95603	11:45	11:45	7,000	T031	Colonia	95603	12:00	12:00	4,100	
T049	Term.S.Panorama II	95603	12:12	12:15	4,100	T057	Jd.Panorama II	95603	12:35	12:35	7,000	
T051	Term.S.Colonia	95603	13:05	13:05	7,000	T031	Colonia	95603	13:15	13:15	4,100	
T049	Term.S.Panorama II	95603	13:28	13:30	4,100	T057	Jd.Panorama II	95603	13:50	13:50	7,000	
T049	Term.S.Panorama II	95603	14:17	14:20	7,000	T057	Jd.Panorama II	95603	14:40	14:40	7,000	
T051	Term.S.Colonia	98508	15:00	15:00	0,000	T010	Term.Toledo	95603	15:10	15:10	7,000	
T031	Colonia	98508	15:12	15:12	4,100	T019	Term. S. Industrial	98508	15:25	15:25	4,100	
T042	V.Industrial	98508	15:38	15:38	4,900	T051	Term.S.Colonia	98508	16:00	16:00	4,900	
T031	Colonia	98508	16:12	16:12	4,100	T019	Term. S. Industrial	98508	16:25	16:25	4,100	
T042	V.Industrial	98508	16:38	16:38	4,900	T051	Term.S.Colonia	98508	17:00	17:00	4,900	
T031	Colonia	98508	17:12	17:12	4,100	T019	Term. S. Industrial	98508	17:25	17:25	4,100	
T042	V.Industrial	98508	17:48	17:48	4,900	T051	Term.S.Colonia	98508	18:00	18:00	4,900	
T031	Colonia	98508	18:15	18:15	4,100	T019	Term. S. Industrial	98508	18:30	18:30	4,100	
T042	V.Industrial	98508	18:45	18:45	4,900	T051	Term.S.Colonia	98508	19:00	19:00	4,900	
T031	Colonia	98508	19:15	19:15	4,100	T019	Term. S. Industrial	98508	19:30	19:30	4,100	
T042	V.Industrial	98508	19:45	19:45	4,900	T051	Term.S.Colonia	98508	20:00	20:00	4,900	
T031	Colonia	98508	20:15	20:15	4,100	T019	Term. S. Industrial	98508	20:30	20:30	4,100	
T042	V.Industrial	98508	20:45	20:45	4,900	T051	Term.S.Colonia	98508	20:55	20:55	4,900	
T031	Colonia	98508	21:10	21:10	4,100	T019	Term. S. Industrial	98508	21:15	21:15	4,100	
T042	V.Industrial	98508	21:22	21:22	4,900	T010	Term.Toledo	98508	21:35	21:35	4,900	
T083	Central Pack	98508	22:05	22:05	4,100	T010	Term.Toledo	98508	22:15	22:15	4,100	

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 21 – Horários programados – Linha 031 (dias úteis)

Linha: 031 - Vila Pioneira											
Início: 05:45			Final: 23:40			Duração: 17:55			Nº de Viagens: 699,1		Km Tabela: 12.569,320
Código	Apelido	Veículo	Chegada	Saída	Km	Código	Apelido	Veículo	Chegada	Saída	Km
T001	Pioneira V. São João	92607	05:45	05:45	0,000	T013	Termi.V.Piratini	92615	06:00	06:00	0,000
T011	Term.tol. V.S.Joao	92607	06:05	06:15	6,650	T001	Pioneira V. São João	92615	06:20	06:20	6,650
T002	Pioneira V. Piratini	92607	06:35	06:35	7,400	T011	Term.tol. V.S.Joao	92615	06:43	06:45	6,650
T013	Termi.V.Piratini	92607	06:56	07:00	7,400	T002	Pioneira V. Piratini	92615	07:02	07:02	7,400
T001	Pioneira V. São João	92607	07:20	07:20	6,650	T013	Termi.V.Piratini	92615	07:27	07:30	7,400
T001	Pioneira V. São João	92615	07:50	07:50	6,650	T011	Term.tol. V.S.Joao	92607	07:45	07:50	6,650
T002	Pioneira V. Piratini	92607	08:12	08:12	7,400	T013	Termi.V.Piratini	92615	08:12	08:15	6,650
T011	Term.tol. V.S.Joao	92607	08:32	08:35	7,400	T001	Pioneira V. São João	92615	08:40	08:40	6,650
T001	Pioneira V. São João	92607	09:00	09:00	6,650	T013	Termi.V.Piratini	92615	09:02	09:05	6,650
T011	Term.tol. V.S.Joao	92607	09:22	09:25	6,650	T001	Pioneira V. São João	92615	09:28	09:28	6,650
T002	Pioneira V. Piratini	92607	09:50	09:50	7,400	T013	Termi.V.Piratini	92615	09:52	09:55	6,650
T001	Pioneira V. São João	92615	10:18	10:18	6,650	T011	Term.tol. V.S.Joao	92607	10:15	10:20	7,400
T002	Pioneira V. Piratini	92607	10:42	10:42	7,400	T013	Termi.V.Piratini	92615	10:42	10:45	6,650
T001	Pioneira V. São João	92615	11:08	11:08	6,650	T011	Term.tol. V.S.Joao	92607	11:05	11:10	7,400
T002	Pioneira V. Piratini	92607	11:32	11:32	7,400	T013	Termi.V.Piratini	92615	11:32	11:35	6,650
T001	Pioneira V. São João	92615	11:58	11:58	6,650	T011	Term.tol. V.S.Joao	92607	11:55	12:00	7,400
T002	Pioneira V. Piratini	92607	12:22	12:22	7,400	T013	Termi.V.Piratini	92615	12:22	12:25	6,650
T001	Pioneira V. São João	92615	12:48	12:48	6,650	T011	Term.tol. V.S.Joao	92607	12:45	12:50	7,400
T002	Pioneira V. Piratini	92607	13:12	13:12	7,400	T013	Termi.V.Piratini	92615	13:12	13:15	6,650
T001	Pioneira V. São João	92615	13:38	13:38	6,650	T011	Term.tol. V.S.Joao	92607	13:35	13:40	7,400
T002	Pioneira V. Piratini	92607	14:02	14:02	7,400	T013	Termi.V.Piratini	92615	14:02	14:05	6,650
T001	Pioneira V. São João	92615	14:28	14:28	6,650	T013	Termi.V.Piratini	92607	14:25	14:30	7,400
T001	Pioneira V. São João	92607	14:52	14:52	6,650	T011	Term.tol. V.S.Joao	92615	14:52	14:55	6,650
T002	Pioneira V. Piratini	92615	15:18	15:18	7,400	T013	Termi.V.Piratini	92607	15:15	15:20	6,650
T001	Pioneira V. São João	92607	15:42	15:42	6,650	T011	Term.tol. V.S.Joao	92615	15:42	15:45	7,400
T002	Pioneira V. Piratini	92615	16:08	16:08	7,400	T013	Termi.V.Piratini	92607	16:05	16:10	6,650
T001	Pioneira V. São João	92607	16:32	16:32	6,650	T011	Term.tol. V.S.Joao	92615	16:32	16:35	7,400
T002	Pioneira V. Piratini	92615	16:58	16:58	7,400	T013	Termi.V.Piratini	92607	16:55	17:00	6,650
T001	Pioneira V. São João	92607	17:22	17:22	6,650	T011	Term.tol. V.S.Joao	92615	17:22	17:25	7,400
T002	Pioneira V. Piratini	92615	17:48	17:48	7,400	T013	Termi.V.Piratini	92607	17:45	17:50	6,650
T001	Pioneira V. São João	92607	18:12	18:12	6,650	T011	Term.tol. V.S.Joao	92615	18:12	18:15	7,400
T002	Pioneira V. Piratini	92615	18:38	18:38	7,400	T013	Termi.V.Piratini	92607	18:35	18:40	6,650
T001	Pioneira V. São João	92607	19:02	19:02	6,650	T011	Term.tol. V.S.Joao	92615	19:02	19:05	7,400
T002	Pioneira V. Piratini	92615	19:28	19:28	7,400	T013	Termi.V.Piratini	92607	19:25	19:30	6,650
T001	Pioneira V. São João	92607	19:52	19:52	6,650	T010	Termi.Toledo	92615	19:52	19:55	7,400
T011	Term.tol. V.S.Joao	95601	19:55	19:55	0,000	T002	Pioneira V. Piratini	95601	20:18	20:18	7,400
T013	Termi.V.Piratini	92607	20:15	20:20	6,650	T013	Termi.V.Piratini	98505	20:20	20:20	0,000
T001	Pioneira V. São João	98505	20:40	20:40	6,650	T011	Term.tol. V.S.Joao	95601	20:34	20:45	7,400
T013	Termi.V.Piratini	98505	21:00	21:00	6,650	T002	Pioneira V. Piratini	95601	21:05	21:05	7,400
T001	Pioneira V. São João	98505	21:20	21:20	6,650	T010	Termi.Toledo	98505	21:35	21:35	6,650
T011	Term.tol. V.S.Joao	95601	21:25	21:40	7,400	T002	Pioneira V. Piratini	95601	22:00	22:00	7,400
T013	Termi.V.Piratini	95601	22:18	22:20	7,400	T001	Pioneira V. São João	95601	22:40	22:40	6,650
T011	Term.tol. V.S.Joao	95601	22:57	23:05	6,650	T013	Termi.V.Piratini	95601	23:15	23:15	0,000
T010	Termi.Toledo	95601	23:40	23:40	0,000						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 22 – Horários programados – Linha 032 (dias úteis)

Alimentador											Dias Úteis		
Linha: 032 - Europa Via Centro													
Início: 05:50		Final: 23:30		Duração: 17:40		Nº de Viagens: 736,1		Km Tabela: 13.091,020					
Código	Apelido	Veículo	Chegad	Saída	Km	Código	Apelido	Veículo	Chegad	Saída	Km		
T027	Jd.Europa	95603	05:50	05:50	0,000	T045	Term.,Jd.Europa	92609	06:00	06:00	0,000		
T027	Jd.Europa	92609	06:15	06:15	7,050	T010	Term.Toledo	95603	06:13	06:20	7,050		
T027	Jd.Europa	95603	06:33	06:33	7,050	T045	Term.,Jd.Europa	92609	06:38	06:40	7,050		
T027	Jd.Europa	95004	06:43	06:43	0,000	T027	Jd.Europa	92609	06:57	06:57	7,050		
T010	Term.Toledo	95004	07:00	07:00	7,050	T010	Term.Toledo	95603	06:58	07:00	7,050		
T027	Jd.Europa	95603	07:15	07:15	7,050	T045	Term.,Jd.Europa	92609	07:18	07:20	7,050		
T027	Jd.Europa	92609	07:37	07:37	7,050	T010	Term.Toledo	95603	07:43	07:45	7,050		
T027	Jd.Europa	92603	08:02	08:02	7,030	T045	Term.,Jd.Europa	92609	08:02	08:03	7,030		
T027	Jd.Europa	92609	08:22	08:22	7,050	T010	Term.Toledo	95603	08:28	08:30	7,050		
T027	Jd.Europa	95603	08:47	08:47	7,050	T045	Term.,Jd.Europa	92609	08:47	08:50	7,050		
T027	Jd.Europa	92609	09:07	09:07	7,050	T010	Term.Toledo	95603	09:10	09:15	7,050		
T045	Term.,Jd.Europa	92609	09:32	09:35	7,050	T027	Jd.Europa	92609	09:52	09:52	7,050		
T045	Term.,Jd.Europa	92609	10:20	10:20	7,050	T027	Jd.Europa	92609	10:37	10:37	7,050		
T045	Term.,Jd.Europa	92609	11:05	11:05	7,050	T027	Jd.Europa	92609	11:22	11:22	7,050		
T045	Term.,Jd.Europa	90605	11:30	11:30	0,000	T027	Jd.Europa	90605	11:47	11:47	7,050		
T045	Term.,Jd.Europa	92609	11:50	11:50	7,050	T027	Jd.Europa	92609	12:07	12:07	7,050		
T045	Term.,Jd.Europa	90605	12:15	12:15	7,050	T027	Jd.Europa	90605	12:32	12:32	7,050		
T045	Term.,Jd.Europa	92609	12:35	12:35	7,050	T027	Jd.Europa	92609	12:52	12:52	7,050		
T045	Term.,Jd.Europa	90605	13:00	13:00	7,050	T027	Jd.Europa	90605	13:18	13:18	7,050		
T045	Term.,Jd.Europa	92609	13:20	13:20	7,050	T027	Jd.Europa	92609	13:37	13:37	7,050		
T045	Term.,Jd.Europa	90605	13:45	13:45	7,050	T027	Jd.Europa	90605	14:02	14:02	7,050		
T045	Term.,Jd.Europa	92609	14:05	14:05	7,050	T027	Jd.Europa	92609	14:22	14:22	7,050		
T010	Term.Toledo	90605	14:25	14:25	7,050	T045	Term.,Jd.Europa	92609	14:50	14:50	7,050		
T045	Term.,Jd.Europa	92619	15:07	15:07	0,000	T027	Jd.Europa	92609	15:07	15:07	7,050		
T027	Jd.Europa	92619	15:27	15:27	7,050	T045	Term.,Jd.Europa	92609	15:35	15:35	7,050		
T010	Term.Toledo	92619	15:50	15:50	7,050	T027	Jd.Europa	92609	15:52	15:52	7,050		
T045	Term.,Jd.Europa	92609	16:20	16:20	7,050	T027	Jd.Europa	92609	16:37	16:37	7,050		
T045	Term.,Jd.Europa	95603	16:45	16:45	0,000	T045	Term.,Jd.Europa	92609	17:05	17:05	7,050		
T027	Jd.Europa	95603	17:08	17:08	7,050	T027	Jd.Europa	92609	17:22	17:22	7,050		
T045	Term.,Jd.Europa	95603	17:35	17:35	7,050	T045	Term.,Jd.Europa	92609	17:50	17:50	7,050		
T027	Jd.Europa	95603	17:58	17:58	7,050	T027	Jd.Europa	92609	18:07	18:07	7,050		
T010	Term.Toledo	95603	18:25	18:25	7,050	T045	Term.,Jd.Europa	92609	18:35	18:35	7,050		
T027	Jd.Europa	95603	18:48	18:48	7,050	T027	Jd.Europa	92609	18:52	18:52	7,050		
T010	Term.Toledo	95603	19:10	19:10	7,050	T045	Term.,Jd.Europa	92609	19:20	19:20	7,050		
T027	Jd.Europa	92609	19:37	19:37	7,050	T045	Term.,Jd.Europa	92609	20:05	20:05	7,050		
T027	Jd.Europa	92609	20:22	20:22	7,050	T045	Term.,Jd.Europa	92609	20:55	20:55	7,050		
T027	Jd.Europa	92609	21:12	21:12	7,050	T045	Term.,Jd.Europa	92609	21:40	21:40	7,050		
T027	Jd.Europa	92609	21:57	21:57	7,050	T045	Term.,Jd.Europa	92609	22:20	22:20	7,050		
T027	Jd.Europa	92609	22:37	22:37	7,050	T045	Term.,Jd.Europa	92609	23:05	23:05	7,050		
T027	Jd.Europa	92609	23:15	23:15	7,050	T045	Term.,Jd.Europa	92609	23:30	23:30	7,050		

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 23 – Horários programados – Linha 044 (dias úteis)

Alimentador						Dias Úteis					
Linha: 044 - Especial Prati Donaduzzi											
Início: 04:40		Final: 22:55		Duração: 18:15		Nº de Viagens: 747,1		Km Tabela: 13.321,020			
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>
T027	Jd.Europa	92615	04:40	04:40	0,000	T074	R.1º De Maio	92615	05:00	05:00	10,000
T048	Prati	92615	05:10	05:10	10,000	T010	Term.Toledo	95004	07:10	07:10	0,000
T048	Prati	95004	07:20	07:20	5,000	T010	Term.Toledo	95004	07:30	07:30	5,000
T090	BIOPARK	95004	07:50	07:50	0,000	T097	CD	95004	07:53	07:53	0,000
T010	Term.Toledo	92610	12:50	12:50	0,000	T048	Prati	92610	13:00	13:00	5,000
T010	Term.Toledo	98610	13:10	13:10	0,000	T010	Term.Toledo	92610	13:20	13:35	5,000
T048	Prati	92610	13:53	13:53	5,000	T048	Prati	98610	13:20	14:00	5,000
T043	Term EUROPA V. CON	92610	14:15	14:20	0,000	T010	Term.Toledo	98610	14:20	14:20	5,000
T290	Europa V. Concordia	92610	14:50	14:50	0,000	T010	Term.Toledo	92610	15:10	15:10	0,000
T010	Term.Toledo	95601	18:40	18:40	0,000	T048	Prati	95601	19:00	19:00	5,000
T010	Term.Toledo	95601	19:20	19:20	5,000	T010	Term.Toledo	92608	20:50	20:50	0,000
T048	Prati	92608	21:05	21:05	5,000	T010	Term.Toledo	92608	21:15	21:15	5,000
T010	Term.Toledo	95603	21:40	21:40	0,000	T048	Prati	95603	21:50	21:50	5,000
T010	Term.Toledo	95603	22:15	22:15	5,000	T048	Prati	95603	22:25	22:25	5,000
T010	Term.Toledo	95603	22:30	22:30	5,000	T050	São F. Via Panorama	95603	22:45	22:47	10,000
T010	Term.Toledo	95603	22:55	22:55	10,000						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).

Quadro 24 – Horários programados – Linha 045 (dias úteis)

Alimentador						Dias Úteis					
Linha: 045 - CHOCOLATES ROMA											
Início: 07:00		Final: 18:00		Duração: 11:00		Nº de Viagens: 748,2		Km Tabela: 13.341,220			
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>
T010	Term.Toledo	92618	07:00	07:00	0,000	T432	Chocolates Roma	92618	07:25	07:25	10,100
T059	Esc. Agricola	92618	07:35	07:35	0,000	T010	Term.Toledo	92618	07:55	07:55	0,000
T059	Esc. Agricola	95601	17:15	17:15	0,000	T432	Chocolates Roma	95601	17:30	17:30	0,000
T010	Term.Toledo	95601	18:00	18:00	10,100						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 25 – Horários programados – Linha 290 (dias úteis)

Alimentador											Dias Úteis	
Linha: 290 - Coopagro. Via. Parigot												
Início: 06:00			Final: 08:25			Duração: 02:25			Nº de Viagens: 748,6		Km Tabela: 13.390,050	
Código	Apelido	Veículo	Chegad	Saida	Km	Código	Apelido	Veículo	Chegad	Saida	Km	
T048	Prati	92610	06:00	06:00	0,000	T100	Term.S.Coop.V.Parig.	92610	06:10	06:15	7,050	
T291	Coopagro.V. parigot	92610	06:35	06:35	6,860	T041	Term.S.Eur.V.Concord	92610	06:57	07:00	7,050	
T089	Jd. da Saudade	92610	07:20	07:20	6,910	T100	Term.S.Coop.V.Parig.	92610	07:42	07:45	7,050	
T291	Coopagro.V. parigot	92610	08:05	08:05	6,860	T010	Term.Toledo	92610	08:25	08:25	7,050	

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).

Quadro 26 – Horários programados – Linha 291 (dias úteis)

Alimentador											Dias Úteis	
Linha: 291 - Europa V. Concórdia												
Início: 06:00			Final: 22:45			Duração: 16:45			Nº de Viagens: 791,5		Km Tabela: 13.989,230	
Código	Apelido	Veículo	Chegad	Saida	Km	Código	Apelido	Veículo	Chegad	Saida	Km	
T043	Term EUROPA V. CON	92605	05:55	06:00	0,000	T089	Jd. da Saudade	92605	06:20	06:20	6,910	
T010	Term.Toledo	92605	06:42	06:45	7,050	T291	Coopagro.V. parigot	92605	07:05	07:05	6,860	
T043	Term EUROPA V. CON	92605	07:27	07:30	6,860	T089	Jd. da Saudade	92605	07:50	07:50	6,910	
T010	Term.Toledo	92605	08:12	08:15	7,050	T291	Coopagro.V. parigot	92605	08:35	08:35	6,860	
T043	Term EUROPA V. CON	92605	08:57	08:57	6,860	T043	Term EUROPA V. CON	98503	09:00	09:00	0,000	
T089	Jd. da Saudade	98503	09:23	09:23	6,910	T043	Term EUROPA V. CON	98503	09:47	09:50	7,050	
T089	Jd. da Saudade	98503	10:13	10:13	6,910	T043	Term EUROPA V. CON	98503	10:37	10:40	7,050	
T089	Jd. da Saudade	98503	11:05	11:05	6,910	T043	Term EUROPA V. CON	92605	11:30	11:30	0,000	
T010	Term.Toledo	98503	11:30	11:30	7,050	T089	Jd. da Saudade	92605	11:53	11:53	6,910	
T043	Term EUROPA V. CON	92605	12:17	12:20	7,050	T089	Jd. da Saudade	92605	12:43	12:43	6,910	
T043	Term EUROPA V. CON	92605	13:07	13:10	7,050	T089	Jd. da Saudade	92605	13:33	13:33	6,910	
T043	Term EUROPA V. CON	92605	13:57	14:05	7,050	T089	Jd. da Saudade	92605	14:23	14:23	6,910	
T043	Term EUROPA V. CON	92605	14:47	14:50	7,050	T089	Jd. da Saudade	92605	15:13	15:13	6,910	
T043	Term EUROPA V. CON	92605	15:37	15:40	7,050	T089	Jd. da Saudade	92605	16:03	16:03	6,910	
T043	Term EUROPA V. CON	92605	16:27	16:30	7,050	T089	Jd. da Saudade	92605	16:53	16:53	6,910	
T043	Term EUROPA V. CON	92605	17:17	17:20	7,050	T089	Jd. da Saudade	92605	17:43	17:43	6,910	
T043	Term EUROPA V. CON	92605	18:07	18:10	7,050	T089	Jd. da Saudade	92605	18:33	18:33	6,910	
T043	Term EUROPA V. CON	92605	18:57	19:00	7,050	T089	Jd. da Saudade	92605	19:23	19:23	6,910	
T043	Term EUROPA V. CON	92605	19:47	19:50	7,050	T089	Jd. da Saudade	92605	20:08	20:08	6,910	
T043	Term EUROPA V. CON	98503	20:15	20:15	0,000	T043	Term EUROPA V. CON	92605	20:25	20:25	7,050	
T089	Jd. da Saudade	98503	20:35	20:35	6,910	T043	Term EUROPA V. CON	98503	20:57	21:00	7,050	
T089	Jd. da Saudade	98503	21:20	21:20	6,910	T043	Term EUROPA V. CON	98503	21:47	21:45	7,050	
T089	Jd. da Saudade	98503	22:05	22:05	6,910	T043	Term EUROPA V. CON	98503	22:27	22:30	7,050	
T089	Jd. da Saudade	98503	22:45	22:45	6,910							

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 27 – Horários programados – Linha 016 (domingos)

Alimentador						Domingos					
Linha: 016 - CEPBIO											
Início: 23:30		Final: 23:45		Duração: 00:15		Nº de Viagens: 792,0		Km Tabela: 13.994,030			
<u>Código</u>	<u>Apelido</u>	<u>Veiculo</u>	<u>Chegad</u>	<u>Saida</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veiculo</u>	<u>Chegad</u>	<u>Saida</u>	<u>Km</u>
T010	Term.Toledo	98510	23:30	23:30	0,000	T099	CEPBIO	98510	23:45	23:45	4,800

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).

Quadro 28 – Horários programados – Linha 020 (domingos)

Alimentador						Domingos					
Linha: 020 - Sta Clara IV											
Início: 06:00		Final: 23:55		Duração: 17:55		Nº de Viagens: 820,0		Km Tabela: 14.454,910			
<u>Código</u>	<u>Apelido</u>	<u>Veiculo</u>	<u>Chegad</u>	<u>Saida</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veiculo</u>	<u>Chegad</u>	<u>Saida</u>	<u>Km</u>
T020	B.Sta Clara IV	98501	06:00	06:00	0,000	T010	Term.Toledo	98501	06:30	06:30	7,800
T020	B.Sta Clara IV	98501	06:57	06:57	8,660	T010	Term.Toledo	98501	07:30	07:30	7,800
T020	B.Sta Clara IV	98501	07:57	07:57	8,660	T010	Term.Toledo	98501	08:30	08:30	7,800
T020	B.Sta Clara IV	98501	08:57	08:57	8,660	T010	Term.Toledo	98501	09:30	09:30	7,800
T010	Term.Toledo	98501	12:30	12:30	0,000	T020	B.Sta Clara IV	98501	12:57	12:57	8,660
T010	Term.Toledo	98501	13:30	13:30	7,800	T020	B.Sta Clara IV	98501	13:57	13:57	8,660
T010	Term.Toledo	98501	14:30	14:30	7,800	T020	B.Sta Clara IV	98501	14:57	14:57	8,660
T010	Term.Toledo	98501	15:30	15:30	7,800	T020	B.Sta Clara IV	98501	15:57	15:57	8,660
T010	Term.Toledo	98501	16:30	16:30	7,800	T010	Term.Toledo	98501	16:30	16:30	0,000
T020	B.Sta Clara IV	98501	16:57	16:57	8,660	T010	Term.Toledo	98501	17:30	17:30	7,800
T020	B.Sta Clara IV	98501	17:57	17:57	8,660	T010	Term.Toledo	98501	18:25	18:30	7,800
T020	B.Sta Clara IV	98501	18:57	18:57	8,660	T010	Term.Toledo	98501	19:25	19:30	7,800
T010	Term.Toledo	98501	20:30	20:30	0,000	T020	B.Sta Clara IV	98501	20:57	20:57	8,660
T010	Term.Toledo	98501	21:30	21:30	7,800	T020	B.Sta Clara IV	98501	21:55	21:55	8,660
T010	Term.Toledo	98501	22:15	22:15	7,800	T020	B.Sta Clara IV	98501	22:40	22:40	8,660
T010	Term.Toledo	98501	23:00	23:05	7,800	T020	B.Sta Clara IV	98501	23:20	23:20	8,660
T048	Prati	98501	23:45	23:45	0,000	T083	Central Pack	98501	23:55	23:55	0,000

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 29 – Horários programados – Linha 021 (domingos)

Alimentador											Domingos	
Linha: 021 - Sta Clara II												
Início: 05:45		Final: 23:20		Duração: 17:35		Nº de Viagens: 852,1		Km Tabela: 14.980,130				
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	
T048	Prati	98508	05:45	05:45	0,000	T010	Term.Toledo	98508	06:00	06:00	0,000	
T023	B.Sta Clara II	98508	06:15	06:15	5,420	T010	Term.Toledo	98508	06:37	06:40	10,950	
T024	Jd.Concordia	98508	06:55	06:55	6,340	T010	Term.Toledo	98508	07:10	07:15	4,650	
T023	B.Sta Clara II	98508	07:30	07:30	5,420	T010	Term.Toledo	98508	07:50	07:55	10,950	
T024	Jd.Concordia	98508	08:10	08:10	6,340	T010	Term.Toledo	98508	08:30	08:30	4,650	
T010	Term.Toledo	98508	12:15	12:15	0,000	T023	B.Sta Clara II	98508	12:30	12:30	5,420	
T010	Term.Toledo	98508	12:55	12:55	10,950	T024	Jd.Concordia	98508	13:10	13:10	6,340	
T010	Term.Toledo	98508	13:30	13:30	4,650	T023	B.Sta Clara II	98508	13:45	13:45	5,420	
T010	Term.Toledo	98508	14:10	14:10	10,950	T024	Jd.Concordia	98508	14:25	14:25	6,340	
T010	Term.Toledo	98508	14:45	14:45	4,650	T023	B.Sta Clara II	98508	15:00	15:00	5,420	
T010	Term.Toledo	98508	15:25	15:25	10,950	T024	Jd.Concordia	98508	15:40	15:40	6,340	
T010	Term.Toledo	98508	15:55	15:55	4,650	T010	Term.Toledo	98508	15:55	15:55	0,000	
T023	B.Sta Clara II	98508	16:15	16:15	5,420	T010	Term.Toledo	98508	16:50	16:50	10,950	
T024	Jd.Concordia	98508	17:05	17:05	6,340	T010	Term.Toledo	98508	17:13	17:15	4,650	
T023	B.Sta Clara II	98508	17:30	17:30	5,420	T010	Term.Toledo	98508	18:05	18:10	10,950	
T024	Jd.Concordia	98508	18:25	18:25	6,340	T010	Term.Toledo	98508	18:43	18:45	4,650	
T023	B.Sta Clara II	98508	19:00	19:00	5,420	T010	Term.Toledo	98508	19:25	19:25	10,950	
T010	Term.Toledo	98508	20:40	20:40	0,000	T024	Jd.Concordia	98508	20:55	20:55	6,340	
T010	Term.Toledo	98508	21:10	21:10	4,650	T023	B.Sta Clara II	98508	21:25	21:25	5,420	
T010	Term.Toledo	98508	21:55	21:55	10,950	T024	Jd.Concordia	98508	22:05	22:05	6,340	
T010	Term.Toledo	98508	22:25	22:25	4,650	T023	B.Sta Clara II	98508	22:40	22:40	5,420	
T010	Term.Toledo	98508	23:05	23:05	10,950	T291	Coopagro.V. parigot	98508	23:20	23:20	0,000	

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 30 – Horários programados – Linha 024 (domingos)

Alimentador						Domingos					
Linha: 024 - São Francisco											
Início: 06:05		Final: 23:30		Duração: 17:25		Nº de Viagens: 877,3		Km Tabela: 15.462,870			
Código	Apelido	Veículo	Chegad	Saida	Km	Código	Apelido	Veículo	Chegad	Saida	Km
T012	Term.Tol.V.Parizoto	98503	06:05	06:05	0,000	T050	São F. Via Panorama	98503	06:30	06:30	8,800
T012	Term.Tol.V.Parizoto	98503	06:55	07:00	9,060	T050	São F. Via Panorama	98503	07:30	07:30	8,800
T012	Term.Tol.V.Parizoto	98503	07:57	08:00	9,060	T050	São F. Via Panorama	98503	08:30	08:30	8,800
T012	Term.Tol.V.Parizoto	98503	08:57	09:00	9,060	T012	Term.Tol.V.Parizoto	98503	12:00	12:00	0,000
T050	São F. Via Panorama	98503	12:30	12:30	8,800	T012	Term.Tol.V.Parizoto	98503	13:00	13:00	9,060
T050	São F. Via Panorama	98503	13:30	13:30	8,800	T012	Term.Tol.V.Parizoto	98503	14:00	14:00	9,060
T050	São F. Via Panorama	98503	14:30	14:30	8,800	T012	Term.Tol.V.Parizoto	98503	15:00	15:00	9,060
T050	São F. Via Panorama	98503	15:30	15:30	8,800	T012	Term.Tol.V.Parizoto	98503	16:00	16:00	9,060
T012	Term.Tol.V.Parizoto	98503	16:00	16:00	0,000	T050	São F. Via Panorama	98503	16:30	16:30	8,800
T012	Term.Tol.V.Parizoto	98503	17:00	17:00	9,060	T050	São F. Via Panorama	98503	17:30	17:30	8,800
T012	Term.Tol.V.Parizoto	98503	18:00	18:00	9,060	T050	São F. Via Panorama	98503	18:30	18:30	8,800
T010	Term.Toledo	98503	19:00	19:00	8,050	T012	Term.Tol.V.Parizoto	98503	20:00	20:00	0,000
T050	São F. Via Panorama	98503	20:27	20:27	8,800	T012	Term.Tol.V.Parizoto	98503	21:00	21:00	9,060
T050	São F. Via Panorama	98503	21:27	21:27	8,800	T012	Term.Tol.V.Parizoto	98503	22:15	22:15	9,060
T050	São F. Via Panorama	98503	22:45	22:45	8,800	T012	Term.Tol.V.Parizoto	98503	23:05	23:05	9,060
T029	J.S.Franc.V.Parizoto	98503	23:30	23:30	10,200						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).

Quadro 31 – Horários programados – Linha 026 (domingos)

Alimentador						Domingos					
Linha: 026 - Vila Operaria											
Início: 05:45		Final: 15:40		Duração: 09:55		Nº de Viagens: 884,2		Km Tabela: 15.587,650			
Código	Apelido	Veículo	Chegad	Saida	Km	Código	Apelido	Veículo	Chegad	Saida	Km
T038	B.Horizonte	98504	05:45	05:45	0,000	T010	Term.Toledo	98504	06:15	06:30	7,540
T038	B.Horizonte	98504	07:00	07:00	12,000	T010	Term.Toledo	98504	07:25	07:30	7,540
T038	B.Horizonte	98504	08:00	08:00	12,000	T010	Term.Toledo	98504	08:25	08:30	7,540
T038	B.Horizonte	98504	09:05	09:05	12,000	T010	Term.Toledo	98504	09:40	09:40	7,540
T010	Term.Toledo	98504	12:00	12:00	0,000	T038	B.Horizonte	98504	12:35	12:35	12,000
T010	Term.Toledo	98504	13:10	13:10	7,540	T038	B.Horizonte	98504	13:45	13:45	12,000
T010	Term.Toledo	98504	14:30	14:30	7,540	T038	B.Horizonte	98504	15:05	15:05	12,000
T010	Term.Toledo	98504	15:40	15:40	7,540						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 32 – Horários programados – Linha 027 (domingos)

Alimentador						Domingos					
Linha: 027 - Jd.Porto Alegre											
Início: 06:00		Final: 23:15		Duração: 17:15		Nº de Viagens: 895,8		Km Tabela: 15.706,810			
Código	Apelido	Veículo	Chegad	Saída	Km	Código	Apelido	Veículo	Chegad	Saída	Km
T479	Term V. Coop Parigot	98502	06:00	06:00	0,000	T470	Coopagro V. Centro	98502	06:20	06:20	0,000
T010	Term.Toledo	98502	06:38	06:40	0,000	T039	Jd.P.Alegre	98502	06:50	06:50	5,580
T479	Term V. Coop Parigot	98502	07:03	07:05	0,000	T470	Coopagro V. Centro	98502	07:25	07:25	0,000
T010	Term.Toledo	98502	07:43	07:45	0,000	T039	Jd.P.Alegre	98502	08:00	08:00	5,580
T479	Term V. Coop Parigot	98502	08:10	08:15	0,000	T470	Coopagro V. Centro	98502	08:35	08:35	0,000
T010	Term.Toledo	98502	08:55	09:00	0,000	T479	Term V. Coop Parigot	98502	12:10	12:10	0,000
T470	Coopagro V. Centro	98502	12:30	12:30	0,000	T010	Term.Toledo	98502	12:50	12:50	0,000
T039	Jd.P.Alegre	98502	13:10	13:10	5,580	T479	Term V. Coop Parigot	98502	13:25	13:25	0,000
T470	Coopagro V. Centro	98502	13:45	13:45	0,000	T010	Term.Toledo	98502	14:10	14:10	0,000
T039	Jd.P.Alegre	98502	14:25	14:25	5,580	T479	Term V. Coop Parigot	98502	14:40	14:40	0,000
T470	Coopagro V. Centro	98502	15:00	15:00	0,000	T010	Term.Toledo	98502	15:25	15:25	0,000
T039	Jd.P.Alegre	98502	15:45	15:45	5,580	T479	Term V. Coop Parigot	98502	16:00	16:00	0,000
T010	Term.Toledo	98502	16:00	16:00	4,680	T470	Coopagro V. Centro	98502	16:20	16:20	0,000
T010	Term.Toledo	98502	16:43	16:45	0,000	T039	Jd.P.Alegre	98502	17:00	17:00	5,580
T479	Term V. Coop Parigot	98502	17:15	17:15	0,000	T470	Coopagro V. Centro	98502	17:35	17:35	0,000
T010	Term.Toledo	98502	17:55	17:55	0,000	T039	Jd.P.Alegre	98502	18:10	18:10	5,580
T479	Term V. Coop Parigot	98502	18:25	18:25	0,000	T470	Coopagro V. Centro	98502	18:45	18:45	0,000
T010	Term.Toledo	98502	19:08	19:10	0,000	T039	Jd.P.Alegre	98502	19:25	19:25	5,580
T010	Term.Toledo	98502	19:40	19:40	4,680	T010	Term.Toledo	98502	21:20	21:20	0,000
T048	Prati	98502	21:40	21:40	0,000	T094	Primato	98502	21:55	21:55	0,000
T479	Term V. Coop Parigot	98502	22:15	22:15	0,000	T470	Coopagro V. Centro	98502	22:35	22:35	0,000
T010	Term.Toledo	98502	23:05	23:05	0,000	T039	Jd.P.Alegre	98502	23:15	23:15	5,580

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 33 – Horários programados – Linha 028 (domingos)

Alimentador						Domingos					
Linha: 028 - Vila Industrial											
Início: 06:00		Final: 23:30		Duração: 17:30		Nº de Viagens: 930,2		Km Tabela: 16.053,710			
Código	Apelido	Veiculo	Chegad	Saida	Km	Código	Apelido	Veiculo	Chegad	Saida	Km
T041	Term.S.Eur.V.Concord	98510	06:00	06:00	0,000	T089	Jd. da Saudade	98510	06:20	06:20	5,760
T010	Term.Toledo	98510	06:38	06:40	6,860	T042	V.Industrial	98510	06:52	06:52	4,150
T041	Term.S.Eur.V.Concord	98510	07:03	07:05	4,680	T089	Jd. da Saudade	98510	07:25	07:25	5,760
T010	Term.Toledo	98510	07:40	07:45	6,860	T042	V.Industrial	98510	07:58	07:58	4,150
T041	Term.S.Eur.V.Concord	98510	08:10	08:15	4,680	T089	Jd. da Saudade	98510	08:35	08:35	5,760
T010	Term.Toledo	98510	08:55	09:00	6,860	T043	Term EUROPA V. CON	98510	12:00	12:00	0,000
T089	Jd. da Saudade	98510	12:20	12:20	0,000	T010	Term.Toledo	98510	12:45	12:45	6,860
T042	V.Industrial	98510	12:58	12:58	4,150	T043	Term EUROPA V. CON	98510	13:15	13:15	4,680
T089	Jd. da Saudade	98510	13:35	13:35	0,000	T010	Term.Toledo	98510	14:00	14:00	6,860
T042	V.Industrial	98510	14:13	14:13	4,150	T043	Term EUROPA V. CON	98510	14:30	14:30	4,680
T089	Jd. da Saudade	98510	14:50	14:50	0,000	T010	Term.Toledo	98510	15:15	15:15	6,860
T042	V.Industrial	98510	15:30	15:30	4,150	T043	Term EUROPA V. CON	98510	15:45	15:45	4,680
T089	Jd. da Saudade	98510	16:05	16:05	0,000	T010	Term.Toledo	98510	16:30	16:30	6,860
T010	Term.Toledo	98510	16:30	16:30	0,000	T042	V.Industrial	98510	16:45	16:45	4,150
T043	Term EUROPA V. CON	98510	17:00	17:00	4,680	T089	Jd. da Saudade	98510	17:20	17:20	0,000
T010	Term.Toledo	98510	17:43	17:45	6,860	T042	V.Industrial	98510	17:53	17:53	4,150
T043	Term EUROPA V. CON	98510	18:10	18:10	4,680	T089	Jd. da Saudade	98510	18:28	18:28	0,000
T010	Term.Toledo	98510	18:48	18:48	6,860	T042	V.Industrial	98510	19:00	19:00	4,150
T010	Term.Toledo	98510	19:15	19:15	5,920	T043	Term EUROPA V. CON	98510	20:45	20:45	0,000
T089	Jd. da Saudade	98510	21:05	21:05	0,000	T010	Term.Toledo	98510	21:50	21:50	6,860
T042	V.Industrial	98510	22:00	22:00	4,150	T043	Term EUROPA V. CON	98510	22:20	22:20	4,680
T089	Jd. da Saudade	98510	22:35	22:35	0,000	T010	Term.Toledo	98510	23:00	23:05	6,860
T048	Prati	98510	23:15	23:15	0,000	T010	Term.Toledo	98510	23:30	23:30	0,000

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 34 – Horários programados – Linha 031 (domingos)

Alimentador						Domingos					
Linha: 031 - Vila Pioneira											
Início: 06:00		Final: 23:20		Duração: 17:20		Nº de Viagens: 966,7		Km Tabela: 16.547,710			
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>
T011	Term.tol. V.S.Joao	98505	06:00	06:00	0,000	T002	Pioneira V. Piratini	98505	06:20	06:20	7,400
T013	Termi.V.Piratini	98505	06:37	06:40	7,400	T001	Pioneira V. São João	98505	07:00	07:00	6,650
T011	Term.tol. V.S.Joao	98505	07:17	07:20	6,650	T002	Pioneira V. Piratini	98505	07:40	07:40	7,400
T013	Termi.V.Piratini	98505	08:00	08:05	7,400	T001	Pioneira V. São João	98505	08:25	08:25	6,650
T013	Termi.V.Piratini	98505	08:55	09:00	6,650	T013	Termi.V.Piratini	98505	12:00	12:00	0,000
T001	Pioneira V. São João	98505	12:20	12:20	6,650	T011	Term.tol. V.S.Joao	98505	12:45	12:45	6,650
T002	Pioneira V. Piratini	98505	13:05	13:05	7,400	T013	Termi.V.Piratini	98505	13:30	13:30	7,400
T001	Pioneira V. São João	98505	13:50	13:50	6,650	T011	Term.tol. V.S.Joao	98505	14:15	14:15	6,650
T002	Pioneira V. Piratini	98505	14:35	14:35	7,400	T013	Termi.V.Piratini	98505	15:00	15:00	7,400
T001	Pioneira V. São João	98505	15:20	15:20	6,650	T011	Term.tol. V.S.Joao	98505	15:45	15:45	6,650
T011	Term.tol. V.S.Joao	98505	15:45	15:45	0,000	T002	Pioneira V. Piratini	98505	16:05	16:05	7,400
T013	Termi.V.Piratini	98505	16:25	16:25	7,400	T001	Pioneira V. São João	98505	16:50	16:50	6,650
T011	Term.tol. V.S.Joao	98505	17:15	17:15	6,650	T002	Pioneira V. Piratini	98505	17:35	17:35	7,400
T013	Termi.V.Piratini	98505	17:55	18:00	7,400	T001	Pioneira V. São João	98505	18:20	18:20	6,650
T011	Term.tol. V.S.Joao	98505	18:45	18:50	6,650	T002	Pioneira V. Piratini	98505	19:15	19:15	7,400
T010	Term.Toledo	98505	19:35	19:35	7,400	T013	Termi.V.Piratini	98505	21:00	21:00	0,000
T001	Pioneira V. São João	98505	21:20	21:20	6,650	T011	Term.tol. V.S.Joao	98505	21:40	21:40	6,650
T002	Pioneira V. Piratini	98505	22:00	22:00	7,400	T013	Termi.V.Piratini	98505	22:20	22:20	7,400
T002	Pioneira V. Piratini	98505	22:40	22:40	7,400	T011	Term.tol. V.S.Joao	98505	23:05	23:05	7,400
T002	Pioneira V. Piratini	98505	23:20	23:20	7,400						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 35 – Horários programados – Linha 032 (domingos)

Alimentador											Domingos
Linha: 032 - Europa Via Centro											
Início: 06:00		Final: 23:30		Duração: 17:30		Nº de Viagens: 998,7		Km Tabela: 16.998,910			
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>
T027	Jd.Europa	98506	06:00	06:00	0,000	T045	Term.,Jd.Europa	98506	06:17	06:20	7,050
T027	Jd.Europa	98506	06:35	06:35	7,050	T045	Term.,Jd.Europa	98506	06:57	07:00	7,050
T027	Jd.Europa	98506	07:15	07:15	7,050	T045	Term.,Jd.Europa	98506	07:35	07:40	7,050
T027	Jd.Europa	98506	07:58	07:58	7,050	T045	Term.,Jd.Europa	98506	08:20	08:25	7,050
T027	Jd.Europa	98506	08:43	08:43	7,050	T045	Term.,Jd.Europa	98506	09:10	09:15	7,050
T045	Term.,Jd.Europa	98506	12:35	12:35	0,000	T027	Jd.Europa	98506	12:53	12:53	7,050
T045	Term.,Jd.Europa	98506	13:20	13:25	7,050	T027	Jd.Europa	98506	13:43	13:43	7,050
T045	Term.,Jd.Europa	98506	14:10	14:15	7,050	T027	Jd.Europa	98506	14:33	14:33	7,050
T045	Term.,Jd.Europa	98506	15:05	15:05	7,050	T027	Jd.Europa	98506	15:33	15:33	7,050
T045	Term.,Jd.Europa	98506	16:05	16:05	0,000	T010	Term.Toledo	98506	16:05	16:05	7,050
T027	Jd.Europa	98506	16:18	16:18	7,050	T045	Term.,Jd.Europa	98506	16:45	16:45	7,050
T027	Jd.Europa	98506	17:03	17:03	7,050	T045	Term.,Jd.Europa	98506	17:35	17:35	7,050
T027	Jd.Europa	98506	17:53	17:53	7,050	T045	Term.,Jd.Europa	98506	18:20	18:25	7,050
T027	Jd.Europa	98506	18:43	18:43	7,050	T010	Term.Toledo	98506	19:15	19:15	7,050
T045	Term.,Jd.Europa	98506	20:55	20:55	0,000	T027	Jd.Europa	98506	21:10	21:10	7,050
T045	Term.,Jd.Europa	98506	21:35	21:40	7,050	T027	Jd.Europa	98506	21:55	21:55	7,050
T045	Term.,Jd.Europa	98506	22:15	22:20	7,050	T027	Jd.Europa	98506	22:40	22:40	7,050
T045	Term.,Jd.Europa	98506	23:00	23:05	7,050	T027	Jd.Europa	98506	23:30	23:30	7,050

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).

Quadro 36 – Horários programados – Linha 016 (sábados)

Alimentador											Sábados
Linha: 016 - CEPBIO											
Início: 04:35		Final: 22:35		Duração: 18:00		Nº de Viagens: 1.000,4		Km Tabela: 17.005,710			
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>
T072	BRF	92611	04:35	04:35	0,000	T026	V.Pioneira	92611	04:45	04:45	0,000
T020	B.Sta Clara IV	92611	04:50	04:50	0,000	T057	Jd.Panorama II	92611	05:00	05:00	0,000
T099	CEPBIO	92611	05:15	05:15	0,000	T021	Garagem	98504	21:40	21:40	0,000
T099	CEPBIO	98504	22:10	22:10	0,000	T010	Term.Toledo	98504	22:30	22:30	4,800
T021	Garagem	98504	22:35	22:35	2,000						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 37 – Horários programados – Linha 017 (sábados)

Alimentador						Sábados					
Linha: 017 - Primato											
Início: 03:50		Final: 17:30		Duração: 13:40		Nº de Viagens: 1.013,2		Km Tabela: 17.210,590			
Código	Apelido	Veículo	Chegad	Saida	Km	Código	Apelido	Veículo	Chegad	Saida	Km
T042	V.Industrial	92616	03:50	03:50	0,000	T091	Carlu BR 163	92616	04:45	04:45	0,000
T094	Primato	92616	05:20	05:25	2,500	T494	GRUNPLAS	92616	05:30	05:30	1,500
T010	Term.Toledo	92616	05:45	05:45	10,000	T021	Garagem	92616	05:50	05:50	0,000
T010	Term.Toledo	92616	07:30	07:30	0,000	T094	Primato	92616	07:55	07:55	15,480
T010	Term.Toledo	92616	08:15	08:15	10,500	T010	Term.Toledo	98507	12:00	12:00	0,000
T094	Primato	98507	12:20	12:30	15,480	T010	Term.Toledo	98507	12:55	13:00	10,500
T094	Primato	98507	13:15	13:25	15,480	T010	Term.Toledo	98507	13:45	13:45	10,500
T083	Central Pack	98507	14:00	14:00	0,000	T010	Term.Toledo	98507	14:10	14:10	0,000
T021	Garagem	98507	14:15	14:15	0,000	T094	Primato	95004	17:00	17:00	0,000
T010	Term.Toledo	95004	17:30	17:30	10,500						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 38 – Horários programados – Linha 018 (sábados)

Alimentador												Sábados	
Linha: 018 - Carlu BR 163													
Início: 03:50			Final: 14:45			Duração: 10:55			Nº de Viagens: 1.020,3			Km Tabela: 17.339,790	
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>		
T430	Posto Primato	95004	03:50	03:50	0,000	T065	Cezar Park	95004	04:10	04:10	0,000		
T464	Jd. Parizzotto	95004	04:15	04:15	0,000	T034	J.S.Francise.	95004	04:20	04:20	0,000		
T057	Jd.Panorama II	95004	04:25	04:25	0,000	T026	V.Pioneira	95004	04:30	04:30	0,000		
T020	B.Sta Clara IV	95004	04:35	04:35	0,000	T027	Jd.Europa	95004	04:40	04:40	0,000		
T039	Jd.P.Alegre	95004	04:43	04:43	0,000	T042	V.Industrial	95004	04:52	04:52	0,000		
T440	Mercado Schorr	95004	04:58	04:58	0,000	T044	Jd.Coopagro	95004	05:05	05:05	0,000		
T091	Carlu BR 163	95004	05:25	05:25	8,100	T021	Garagem	95004	05:35	05:35	0,000		
T010	Term.Toledo	92617	07:05	07:05	0,000	T091	Carlu BR 163	92617	07:20	07:20	9,100		
T010	Term.Toledo	92617	07:40	07:40	10,500	T021	Garagem	92617	07:45	08:35	0,000		
T440	Mercado Schorr	92617	08:45	08:45	0,000	T010	Term.Toledo	92612	08:45	08:45	0,000		
T091	Carlu BR 163	92612	09:15	09:30	9,100	T091	Carlu BR 163	92617	09:15	09:30	0,000		
T044	Jd.Coopagro	92617	09:45	09:45	6,500	T010	Term.Toledo	92612	10:00	10:00	10,500		
T010	Term.Toledo	92617	10:00	10:00	6,500	T021	Garagem	92617	10:15	10:15	0,000		
T010	Term.Toledo	92617	11:00	11:00	0,000	T091	Carlu BR 163	92617	11:30	11:30	9,100		
T044	Jd.Coopagro	92617	11:45	11:45	6,500	T010	Term.Toledo	92617	12:00	12:00	6,500		
T021	Garagem	92617	12:10	12:10	0,000	T021	Garagem	95604	12:45	12:45	0,000		
T010	Term.Toledo	92603	12:50	12:50	0,000	T010	Term.Toledo	95604	13:00	13:00	0,000		
T091	Carlu BR 163	92603	13:05	13:05	9,100	T044	Jd.Coopagro	92603	13:20	13:20	6,500		
T091	Carlu BR 163	95604	13:30	13:30	9,100	T044	Jd.Coopagro	95604	13:45	13:45	6,500		
T010	Term.Toledo	95604	14:00	14:00	6,500	T091	Carlu BR 163	95604	14:30	14:30	9,100		
T494	GRUNPLAS	95604	14:35	14:35	0,000	T010	Term.Toledo	95604	14:45	14:45	0,000		

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).

Quadro 39 – Horários programados – Linha 019 (sábados)

Alimentador												Sábados	
Linha: 019 - BIOPARK													
Início: 07:06			Final: 14:30			Duração: 07:24			Nº de Viagens: 1.024,3			Km Tabela: 17.468,190	
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>		
T010	Term.Toledo	95601	07:06	07:06	0,000	T090	BIOPARK	95601	07:25	07:25	15,500		
T477	Condominio	95601	07:27	07:27	0,000	T097	CD	95601	07:29	07:29	0,100		
T010	Term.Toledo	95601	07:40	07:40	16,500	T021	Garagem	95601	07:45	07:45	0,000		
T010	Term.Toledo	97601	13:30	13:30	0,000	T090	BIOPARK	97601	14:00	14:00	15,500		
T477	Condominio	97601	14:05	14:05	0,000	T097	CD	97601	14:07	14:07	0,100		
T010	Term.Toledo	97601	14:30	14:30	16,500								

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 40 – Horários programados – Linha 020 (sábados)

Alimentador											Sábados
Linha: 020 - Sta Clara IV											
Início: 06:00		Final: 23:20		Duração: 17:20		Nº de Viagens: 1.042,3		Km Tabela: 17.764,470			
Código	Apelido	Veículo	Chegad	Saida	Km	Código	Apelido	Veículo	Chegad	Saida	Km
T020	B.Sta Clara IV	92606	06:00	06:00	0,000	T010	Term.Toledo	92606	06:25	06:30	7,800
T020	B.Sta Clara IV	92606	06:57	06:57	8,660	T010	Term.Toledo	92606	07:25	07:30	7,800
T020	B.Sta Clara IV	92606	07:57	07:57	8,660	T010	Term.Toledo	92606	08:25	08:30	7,800
T020	B.Sta Clara IV	92606	08:57	08:57	8,660	T010	Term.Toledo	92606	09:25	09:30	7,800
T020	B.Sta Clara IV	92606	09:57	09:57	8,660	T010	Term.Toledo	92606	10:25	10:30	7,800
T020	B.Sta Clara IV	92606	10:57	10:57	8,660	T010	Term.Toledo	92606	11:25	11:30	7,800
T020	B.Sta Clara IV	92606	11:57	11:57	8,660	T010	Term.Toledo	92606	12:25	12:30	7,800
T020	B.Sta Clara IV	92606	12:57	12:57	8,660	T010	Term.Toledo	92606	13:25	13:30	7,800
T020	B.Sta Clara IV	92606	13:57	13:57	8,660	T010	Term.Toledo	92606	14:25	14:25	7,800
T010	Term.Toledo	98501	14:25	14:30	0,000	T020	B.Sta Clara IV	98501	14:57	14:57	8,660
T010	Term.Toledo	98501	15:25	15:30	7,800	T020	B.Sta Clara IV	98501	15:57	15:57	8,660
T010	Term.Toledo	98501	16:25	16:30	7,800	T020	B.Sta Clara IV	98501	16:57	16:57	8,660
T010	Term.Toledo	98501	17:25	17:30	7,800	T020	B.Sta Clara IV	98501	17:57	17:57	8,660
T010	Term.Toledo	98501	18:25	18:30	7,800	T020	B.Sta Clara IV	98501	18:57	18:57	8,660
T010	Term.Toledo	98501	19:25	19:30	7,800	T020	B.Sta Clara IV	98501	19:57	19:57	8,660
T010	Term.Toledo	98501	20:27	20:30	7,800	T020	B.Sta Clara IV	98501	20:57	20:57	8,660
T010	Term.Toledo	98501	21:25	21:30	7,800	T020	B.Sta Clara IV	98501	21:55	21:55	8,660
T010	Term.Toledo	98501	22:12	22:15	7,800	T020	B.Sta Clara IV	98501	22:40	22:40	8,660
T010	Term.Toledo	98501	23:00	23:05	7,800	T020	B.Sta Clara IV	98501	23:20	23:20	8,660

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 41 – Horários programados – Linha 021 (sábados)

Alimentador						Sábados					
Linha: 021 - Sta Clara II											
Início: 06:00		Final: 23:25		Duração: 17:25		Nº de Viagens: 1.087,3		Km Tabela: 18.501,450			
Código	Apelido	Veículo	Chegad	Saída	Km	Código	Apelido	Veículo	Chegad	Saída	Km
T010	Term.Toledo	98506	06:00	06:00	0,000	T023	B.Sta Clara II	98506	06:15	06:15	5,420
T010	Term.Toledo	98506	06:37	06:40	10,950	T024	Jd.Concordia	98506	06:55	06:55	6,340
T010	Term.Toledo	98506	07:10	07:15	4,650	T481	PUC / CEPBIO	98506	07:30	07:30	8,380
T010	Term.Toledo	98506	07:50	07:55	8,340	T024	Jd.Concordia	98506	08:10	08:10	6,340
T010	Term.Toledo	98506	08:25	08:30	4,650	T023	B.Sta Clara II	98506	08:45	08:45	5,420
T010	Term.Toledo	98506	09:05	09:10	10,950	T024	Jd.Concordia	98506	09:25	09:25	6,340
T010	Term.Toledo	98506	09:40	09:45	4,650	T023	B.Sta Clara II	98506	10:00	10:00	5,420
T010	Term.Toledo	98506	10:20	10:25	10,950	T024	Jd.Concordia	98506	10:40	10:40	6,340
T010	Term.Toledo	98506	10:55	11:00	4,650	T023	B.Sta Clara II	98506	11:15	11:15	5,420
T010	Term.Toledo	98506	11:35	11:40	10,950	T024	Jd.Concordia	98506	11:55	11:55	6,340
T010	Term.Toledo	98506	12:10	12:15	4,650	T481	PUC / CEPBIO	98506	12:30	12:30	8,380
T010	Term.Toledo	98506	12:50	12:55	8,340	T024	Jd.Concordia	98506	13:10	13:10	6,340
T010	Term.Toledo	98506	13:25	13:30	4,650	T023	B.Sta Clara II	98506	13:45	13:45	5,420
T099	CEPBIO	98506	13:50	13:50	0,000	T010	Term.Toledo	98506	14:05	14:10	0,000
T024	Jd.Concordia	98506	14:25	14:25	6,340	T010	Term.Toledo	98506	14:50	14:55	4,650
T023	B.Sta Clara II	98506	15:10	15:10	5,420	T010	Term.Toledo	98506	15:30	15:35	10,950
T024	Jd.Concordia	98506	15:50	15:50	6,340	T010	Term.Toledo	98506	16:05	16:10	4,650
T481	PUC / CEPBIO	98506	16:25	16:25	8,380	T010	Term.Toledo	98506	16:45	16:50	8,340
T024	Jd.Concordia	98506	17:05	17:05	6,340	T010	Term.Toledo	98506	17:25	17:30	4,650
T023	B.Sta Clara II	98506	17:45	17:45	5,420	T010	Term.Toledo	98506	18:05	18:10	10,950
T024	Jd.Concordia	98506	18:25	18:25	6,340	T010	Term.Toledo	98506	18:40	18:45	4,650
T023	B.Sta Clara II	98506	19:00	19:00	5,420	T010	Term.Toledo	98506	19:20	19:25	10,950
T024	Jd.Concordia	98506	19:40	19:40	6,340	T010	Term.Toledo	98506	19:55	20:00	4,650
T023	B.Sta Clara II	98506	20:15	20:15	5,420	T010	Term.Toledo	98506	20:35	20:40	10,950
T024	Jd.Concordia	98506	20:55	20:55	6,340	T010	Term.Toledo	98506	21:05	21:10	4,650
T023	B.Sta Clara II	98506	21:25	21:25	5,420	T010	Term.Toledo	98506	21:50	21:55	10,950
T024	Jd.Concordia	98506	22:05	22:05	6,340	T010	Term.Toledo	98506	22:20	22:25	4,650
T023	B.Sta Clara II	98506	22:40	22:40	5,420	T010	Term.Toledo	98506	23:00	23:05	10,950
T024	Jd.Concordia	98506	23:15	23:15	6,340	T021	Garagem	98506	23:25	23:25	0,000

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 42 – Horários programados – Linha 023 (sábados)

Alimentador											Sábados
Linha: 023 - Jd.Coopagro											
Início: 06:00		Final: 23:25		Duração: 17:25		Nº de Viagens: 1.131,0		Km Tabela: 19.429,350			
Código	Apelido	Veículo	Chegad	Saída	Km	Código	Apelido	Veículo	Chegad	Saída	Km
T044	Jd.Coopagro	90607	06:00	06:00	0,000	T046	Term.S.Coop.V.Centro	90607	06:17	06:20	10,550
T044	Jd.Coopagro	90607	06:35	06:35	10,700	T046	Term.S.Coop.V.Centro	90607	06:57	07:00	10,550
T044	Jd.Coopagro	90607	07:15	07:15	10,700	T046	Term.S.Coop.V.Centro	90607	07:35	07:40	10,550
T044	Jd.Coopagro	90607	07:58	07:58	10,700	T046	Term.S.Coop.V.Centro	90607	08:20	08:25	10,550
T044	Jd.Coopagro	90607	08:43	08:43	10,700	T046	Term.S.Coop.V.Centro	90607	09:10	09:15	10,550
T044	Jd.Coopagro	90607	09:33	09:33	10,700	T046	Term.S.Coop.V.Centro	90607	10:00	10:05	10,550
T044	Jd.Coopagro	90607	10:23	10:23	10,700	T046	Term.S.Coop.V.Centro	90607	10:50	10:55	10,550
T044	Jd.Coopagro	90607	11:13	11:13	10,700	T046	Term.S.Coop.V.Centro	90607	11:40	11:45	10,550
T044	Jd.Coopagro	90607	12:03	12:03	10,700	T046	Term.S.Coop.V.Centro	90607	12:30	12:35	10,550
T044	Jd.Coopagro	90607	12:53	12:53	10,700	T046	Term.S.Coop.V.Centro	90607	13:20	13:25	10,550
T044	Jd.Coopagro	90607	13:43	13:43	10,700	T046	Term.S.Coop.V.Centro	90607	14:10	14:15	10,550
T044	Jd.Coopagro	90607	14:33	14:33	10,700	T046	Term.S.Coop.V.Centro	90607	15:00	15:05	10,550
T044	Jd.Coopagro	90607	15:23	15:23	10,700	T021	Garagem	98509	15:45	15:45	0,000
T046	Term.S.Coop.V.Centro	98509	15:55	15:55	0,000	T010	Term.Toledo	90607	15:50	15:55	10,700
T021	Garagem	90607	16:00	16:00	0,000	T044	Jd.Coopagro	98509	16:13	16:13	10,700
T046	Term.S.Coop.V.Centro	98509	16:40	16:45	10,550	T044	Jd.Coopagro	98509	17:03	17:03	10,700
T046	Term.S.Coop.V.Centro	98509	17:30	17:35	10,550	T044	Jd.Coopagro	98509	17:53	17:53	10,700
T046	Term.S.Coop.V.Centro	98509	18:20	18:25	10,550	T044	Jd.Coopagro	98509	18:43	18:43	10,700
T046	Term.S.Coop.V.Centro	98509	19:10	19:15	10,550	T044	Jd.Coopagro	98509	19:33	19:33	10,700
T046	Term.S.Coop.V.Centro	98509	20:00	20:05	10,550	T044	Jd.Coopagro	98509	20:23	20:23	10,700
T046	Term.S.Coop.V.Centro	98509	20:50	20:55	10,550	T044	Jd.Coopagro	98509	21:10	21:10	10,700
T046	Term.S.Coop.V.Centro	98509	21:35	21:40	10,550	T044	Jd.Coopagro	98509	21:55	21:55	10,700
T046	Term.S.Coop.V.Centro	98509	22:15	22:20	10,550	T044	Jd.Coopagro	98509	22:40	22:40	10,700
T046	Term.S.Coop.V.Centro	98509	23:00	23:05	10,550	T291	Coopagro.V. parigot	98509	23:15	23:15	7,000
T021	Garagem	98509	23:25	23:25	0,000						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 43 – Horários programados – Linha 024 (sábados)

Alimentador											Sábados
Linha: 024 - São Francisco											
Início: 06:05		Final: 23:30		Duração: 17:25		Nº de Viagens: 1.169,3		Km Tabela: 20.054,190			
Código	Apelido	Veículo	Chegada	Saída	Km	Código	Apelido	Veículo	Chegada	Saída	Km
T012	Term.Tol.V.Parizoto	90606	06:05	06:05	0,000	T050	São F. Via Panorama	90606	06:25	06:25	8,800
T012	Term.Tol.V.Parizoto	90606	06:55	07:00	9,060	T050	São F. Via Panorama	90606	07:25	07:25	8,800
T012	Term.Tol.V.Parizoto	90606	07:57	08:00	9,060	T050	São F. Via Panorama	90606	08:25	08:25	8,800
T012	Term.Tol.V.Parizoto	90606	08:57	09:00	9,060	T050	São F. Via Panorama	90606	09:25	09:25	8,800
T012	Term.Tol.V.Parizoto	90606	09:57	10:00	9,060	T050	São F. Via Panorama	90606	10:25	10:25	8,800
T012	Term.Tol.V.Parizoto	90606	10:55	11:00	9,060	T050	São F. Via Panorama	90606	11:25	11:25	8,800
T012	Term.Tol.V.Parizoto	90606	11:57	12:00	9,060	T050	São F. Via Panorama	90606	12:25	12:25	8,800
T012	Term.Tol.V.Parizoto	90606	12:57	13:00	9,060	T050	São F. Via Panorama	90606	13:25	13:25	8,800
T012	Term.Tol.V.Parizoto	90606	13:55	14:00	9,060	T050	São F. Via Panorama	90606	14:25	14:25	8,800
T012	Term.Tol.V.Parizoto	90606	14:57	15:00	9,060	T012	Term.Tol.V.Parizoto	98505	15:00	15:00	0,000
T050	São F. Via Panorama	98505	15:25	15:25	8,800	T012	Term.Tol.V.Parizoto	98505	16:00	16:00	9,060
T050	São F. Via Panorama	98505	16:25	16:25	8,800	T012	Term.Tol.V.Parizoto	98505	17:00	17:00	9,060
T050	São F. Via Panorama	98505	17:25	17:25	8,800	T012	Term.Tol.V.Parizoto	98505	18:00	18:00	9,060
T050	São F. Via Panorama	98505	18:25	18:25	8,800	T012	Term.Tol.V.Parizoto	98505	18:57	19:00	9,060
T050	São F. Via Panorama	98505	19:25	19:25	8,800	T012	Term.Tol.V.Parizoto	98505	19:57	20:00	9,060
T050	São F. Via Panorama	98505	20:25	20:25	8,800	T012	Term.Tol.V.Parizoto	98505	20:57	21:00	9,060
T050	São F. Via Panorama	98505	21:25	21:25	8,800	T012	Term.Tol.V.Parizoto	98505	22:05	22:15	9,060
T050	São F. Via Panorama	98505	22:45	22:45	8,800	T012	Term.Tol.V.Parizoto	98505	23:05	23:05	9,060
T050	São F. Via Panorama	98505	23:30	23:30	8,800						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 44 – Horários programados – Linha 026 (sábados)

Alimentador											Sábados
Linha: 026 - Vila Operaria											
Início: 05:45		Final: 23:00		Duração: 17:15		Nº de Viagens: 1.201,7		Km Tabela: 20.640,390			
Código	Apelido	Veículo	Chegad	Saida	Km	Código	Apelido	Veiculo	Chegad	Saida	Km
T038	B.Horizonte	92601	05:45	05:45	0,000	T010	Term.Toledo	92601	06:15	06:20	7,540
T038	B.Horizonte	92601	07:00	07:00	12,000	T010	Term.Toledo	92601	07:25	07:30	7,540
T038	B.Horizonte	92601	08:00	08:00	12,000	T010	Term.Toledo	92601	08:25	08:30	7,540
T038	B.Horizonte	92601	09:05	09:05	12,000	T010	Term.Toledo	92601	09:35	09:40	7,540
T038	B.Horizonte	92601	10:15	10:15	12,000	T010	Term.Toledo	92601	10:45	10:50	7,540
T038	B.Horizonte	92601	11:25	11:25	12,000	T010	Term.Toledo	92601	11:55	12:00	7,540
T038	B.Horizonte	92601	12:35	12:35	12,000	T010	Term.Toledo	92601	13:05	13:10	7,540
T038	B.Horizonte	92601	13:45	13:45	12,000	T010	Term.Toledo	92601	14:25	14:30	7,540
T010	Term.Toledo	98510	14:30	14:30	0,000	T021	Garagem	92601	14:35	14:35	0,000
T038	B.Horizonte	98510	15:05	15:05	12,000	T010	Term.Toledo	98510	15:35	15:40	7,540
T038	B.Horizonte	98510	16:15	16:15	12,000	T010	Term.Toledo	98510	16:45	16:50	7,540
T038	B.Horizonte	98510	17:25	17:25	12,000	T010	Term.Toledo	98510	17:55	18:00	7,540
T038	B.Horizonte	98510	18:35	18:35	12,000	T010	Term.Toledo	98510	19:05	19:10	7,540
T038	B.Horizonte	98510	19:45	19:45	12,000	T010	Term.Toledo	98510	20:10	20:15	7,540
T038	B.Horizonte	98510	20:40	20:40	12,000	T010	Term.Toledo	98510	21:12	21:15	7,540
T038	B.Horizonte	98510	21:40	21:40	12,000	T010	Term.Toledo	98510	22:10	22:15	7,540
T038	B.Horizonte	98510	22:40	22:40	12,000	T021	Garagem	98510	23:00	23:00	0,000

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 45 – Horários programados – Linha 027 (sábados)

Alimentador											Sábados
Linha: 027 - Jd.Porto Alegre											
Início: 06:00		Final: 23:25		Duração: 17:25		Nº de Viagens: 1.268,1		Km Tabela: 21.321,510			
Código	Apelido	Veiculo	Chegad	Saida	Km	Código	Apelido	Veiculo	Chegad	Saida	Km
T010	Term.Toledo	98502	06:00	06:00	0,000	T291	Coopagro.V. parigot	98502	06:20	06:20	7,200
T010	Term.Toledo	98502	06:38	06:40	7,200	T039	Jd.P.Alegre	98502	06:50	06:50	5,580
T010	Term.Toledo	98502	07:03	07:05	4,680	T291	Coopagro.V. parigot	98502	07:25	07:25	7,200
T010	Term.Toledo	98502	07:43	07:45	7,200	T039	Jd.P.Alegre	98502	08:00	08:00	5,580
T010	Term.Toledo	98502	08:10	08:15	4,680	T291	Coopagro.V. parigot	98502	08:35	08:35	7,200
T010	Term.Toledo	98502	08:55	09:00	7,200	T039	Jd.P.Alegre	98502	09:15	09:15	5,580
T010	Term.Toledo	98502	09:25	09:30	4,680	T291	Coopagro.V. parigot	98502	09:50	09:50	7,200
T010	Term.Toledo	98502	10:20	10:25	7,200	T039	Jd.P.Alegre	98502	10:40	10:40	5,580
T010	Term.Toledo	98502	10:50	10:55	4,680	T291	Coopagro.V. parigot	98502	11:15	11:15	7,200
T010	Term.Toledo	98502	11:35	11:40	7,200	T039	Jd.P.Alegre	98502	11:55	11:55	5,580
T010	Term.Toledo	98502	12:05	12:10	4,680	T291	Coopagro.V. parigot	98502	12:30	12:30	7,200
T010	Term.Toledo	98502	12:50	12:55	7,200	T039	Jd.P.Alegre	98502	13:10	13:10	5,580
T010	Term.Toledo	98502	13:20	13:25	4,680	T291	Coopagro.V. parigot	98502	13:45	13:45	7,200
T010	Term.Toledo	98502	14:05	14:10	7,200	T039	Jd.P.Alegre	98502	14:25	14:25	5,580
T010	Term.Toledo	98502	14:35	14:40	4,680	T291	Coopagro.V. parigot	98502	15:00	15:00	7,200
T010	Term.Toledo	98502	15:20	15:25	7,200	T039	Jd.P.Alegre	98502	15:40	15:40	5,580
T010	Term.Toledo	98502	15:50	15:55	4,680	T291	Coopagro.V. parigot	98502	16:15	16:15	7,200
T010	Term.Toledo	98502	16:35	16:40	7,200	T039	Jd.P.Alegre	98502	16:55	16:55	5,580
T010	Term.Toledo	98502	17:05	17:10	4,680	T291	Coopagro.V. parigot	98502	17:30	17:30	7,200
T010	Term.Toledo	98502	17:50	17:55	7,200	T039	Jd.P.Alegre	98502	18:10	18:10	5,580
T010	Term.Toledo	98502	18:20	18:25	4,680	T291	Coopagro.V. parigot	98502	18:45	18:45	7,200
T010	Term.Toledo	98502	19:05	19:10	7,200	T039	Jd.P.Alegre	98502	19:25	19:25	5,580
T010	Term.Toledo	98502	19:35	19:40	4,680	T291	Coopagro.V. parigot	98502	20:00	20:00	7,200
T010	Term.Toledo	98502	20:20	20:25	7,200	T039	Jd.P.Alegre	98502	20:40	20:40	5,580
T010	Term.Toledo	98502	20:50	20:55	4,680	T291	Coopagro.V. parigot	98502	21:15	21:15	7,200
T010	Term.Toledo	98502	21:35	21:40	7,200	T039	Jd.P.Alegre	98502	21:55	21:55	5,580
T010	Term.Toledo	98502	22:10	22:15	4,680	T291	Coopagro.V. parigot	98502	22:35	22:35	7,200
T010	Term.Toledo	98502	23:00	23:05	7,200	T039	Jd.P.Alegre	98502	23:15	23:15	5,580
T021	Garagem	98502	23:25	23:25	0,000						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 46 – Horários programados – Linha 028 (sábados)

Alimentador											Sábados
Linha: 028 - Vila Industrial											
Início: 06:00		Final: 23:00		Duração: 17:00		Nº de Viagens: 1.324,6		Km Tabela: 21.890,730			
Código	Apelido	Veículo	Chegada	Saída	Km	Código	Apelido	Veículo	Chegada	Saída	Km
T041	Term.S.Eur.V.Concord	98503	06:00	06:00	0,000	T089	Jd. da Saudade	98503	06:20	06:20	5,760
T010	Term.Toledo	98503	06:38	06:40	6,860	T042	V.Industrial	98503	06:52	06:52	4,150
T041	Term.S.Eur.V.Concord	98503	07:03	07:05	4,680	T089	Jd. da Saudade	98503	07:25	07:25	5,760
T010	Term.Toledo	98503	07:40	07:45	6,860	T042	V.Industrial	98503	07:58	07:58	4,150
T041	Term.S.Eur.V.Concord	98503	08:10	08:15	4,680	T089	Jd. da Saudade	98503	08:35	08:35	5,760
T010	Term.Toledo	98503	08:55	09:00	6,860	T042	V.Industrial	98503	09:13	09:13	4,150
T041	Term.S.Eur.V.Concord	98503	09:25	09:30	4,680	T089	Jd. da Saudade	98503	09:50	09:50	5,760
T010	Term.Toledo	98503	10:10	10:15	6,860	T042	V.Industrial	98503	10:28	10:28	4,150
T041	Term.S.Eur.V.Concord	98503	10:40	10:45	4,680	T089	Jd. da Saudade	98503	11:05	11:05	5,760
T010	Term.Toledo	98503	11:25	11:30	6,860	T042	V.Industrial	98503	11:43	11:43	4,150
T041	Term.S.Eur.V.Concord	98503	11:55	12:00	4,680	T089	Jd. da Saudade	98503	12:20	12:20	5,760
T010	Term.Toledo	98503	12:40	12:45	6,860	T042	V.Industrial	98503	12:58	12:58	4,150
T041	Term.S.Eur.V.Concord	98503	13:10	13:15	4,680	T089	Jd. da Saudade	98503	13:35	13:35	5,760
T010	Term.Toledo	98503	13:55	14:00	6,860	T042	V.Industrial	98503	14:13	14:13	4,150
T041	Term.S.Eur.V.Concord	98503	14:25	14:30	4,680	T089	Jd. da Saudade	98503	14:50	14:50	5,760
T010	Term.Toledo	98503	15:10	15:15	6,860	T042	V.Industrial	98503	15:28	15:28	4,150
T041	Term.S.Eur.V.Concord	98503	15:40	15:45	4,680	T089	Jd. da Saudade	98503	16:05	16:05	5,760
T010	Term.Toledo	98503	16:25	16:30	6,860	T042	V.Industrial	98503	16:43	16:43	4,150
T041	Term.S.Eur.V.Concord	98503	16:55	17:00	4,680	T089	Jd. da Saudade	98503	17:20	17:20	5,760
T010	Term.Toledo	98503	17:40	17:45	6,860	T042	V.Industrial	98503	17:58	17:58	4,150
T041	Term.S.Eur.V.Concord	98503	18:10	18:15	4,680	T089	Jd. da Saudade	98503	18:35	18:35	5,760
T010	Term.Toledo	98503	18:55	19:00	6,860	T042	V.Industrial	98503	19:13	19:13	4,150
T041	Term.S.Eur.V.Concord	98503	19:25	19:30	4,680	T089	Jd. da Saudade	98503	19:50	19:50	5,760
T010	Term.Toledo	98503	20:10	20:15	6,860	T042	V.Industrial	98503	20:28	20:28	4,150
T041	Term.S.Eur.V.Concord	98503	20:40	20:45	4,680	T089	Jd. da Saudade	98503	21:05	21:05	5,760
T010	Term.Toledo	98503	21:45	21:50	6,860	T042	V.Industrial	98503	22:00	22:00	4,150
T041	Term.S.Eur.V.Concord	98503	22:15	22:20	4,680	T089	Jd. da Saudade	98503	22:35	22:35	5,760
T021	Garagem	98503	23:00	23:00	0,000						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 47 – Horários programados – Linha 030 (sábados)

Alimentador											Sábados
Linha: 030 - Colonia											
Início: 06:00		Final: 19:00		Duração: 13:00		Nº de Viagens: 1.362,5		Km Tabela: 22.308,130			
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>
T035	J.S.Francis.V.S.Joao	95603	06:00	06:00	0,000	T051	Term.S.Colonia	95603	06:20	06:20	4,100
T031	Colonia	95603	06:30	06:30	4,100	T010	Term.Toledo	95603	06:37	06:40	4,100
T035	J.S.Francis.V.S.Joao	95603	07:05	07:05	7,100	T010	Term.Toledo	95603	07:35	07:40	7,100
T035	J.S.Francis.V.S.Joao	95603	08:05	08:05	7,100	T051	Term.S.Colonia	95603	08:30	08:35	4,100
T031	Colonia	95603	08:45	08:45	4,100	T010	Term.Toledo	95603	08:55	08:58	4,100
T035	J.S.Francis.V.S.Joao	95603	09:18	09:18	7,100	T010	Term.Toledo	95603	09:40	09:45	7,100
T035	J.S.Francis.V.S.Joao	95603	10:05	10:05	7,100	T051	Term.S.Colonia	95603	10:25	10:30	4,100
T031	Colonia	95603	10:40	10:40	4,100	T010	Term.Toledo	95603	10:55	11:05	4,100
T035	J.S.Francis.V.S.Joao	95603	11:25	11:25	7,100	T010	Term.Toledo	95603	12:00	12:05	7,100
T035	J.S.Francis.V.S.Joao	95603	12:30	12:30	7,100	T051	Term.S.Colonia	95603	12:55	13:00	4,100
T031	Colonia	95603	13:10	13:10	4,100	T010	Term.Toledo	95603	13:20	13:25	4,100
T035	J.S.Francis.V.S.Joao	95603	13:50	13:50	7,100	T010	Term.Toledo	95603	14:15	14:20	7,100
T035	J.S.Francis.V.S.Joao	95603	14:45	14:45	7,100	T051	Term.S.Colonia	95603	15:10	15:15	4,100
T031	Colonia	95603	15:25	15:25	4,100	T010	Term.Toledo	95603	15:35	15:40	4,100
T035	J.S.Francis.V.S.Joao	95603	16:00	16:00	7,100	T021	Garagem	98504	16:10	16:10	0,000
T010	Term.Toledo	95603	16:25	16:25	7,100	T010	Term.Toledo	98504	16:25	16:25	0,000
T021	Garagem	95603	16:30	16:30	0,000	T035	J.S.Francis.V.S.Joao	98504	16:45	16:45	7,100
T051	Term.S.Colonia	98504	17:05	17:10	4,100	T031	Colonia	98504	17:20	17:20	4,100
T010	Term.Toledo	98504	17:30	17:33	4,100	T035	J.S.Francis.V.S.Joao	98504	17:53	17:53	7,100
T010	Term.Toledo	98504	18:13	18:15	7,100	T035	J.S.Francis.V.S.Joao	98504	18:35	18:35	7,100
T010	Term.Toledo	98504	18:55	18:55	7,100	T021	Garagem	98504	19:00	19:00	0,000

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 48 – Horários programados – Linha 031 (sábados)

Alimentador												Sábados	
Linha: 031 - Vila Pioneira													
Início: 06:00			Final: 23:40			Duração: 17:40			Nº de Viagens: 1.411,4			Km Tabela: 22.967,730	
Código	Apelido	Veículo	Chegad	Saida	Km	Código	Apelido	Veículo	Chegad	Saida	Km		
T011	Term.tol. V.S.Joao	92607	06:00	06:00	0,000	T002	Pioneira V. Piratini	92607	06:20	06:20	7,400		
T013	Termi.V.Piratini	92607	06:37	06:40	7,400	T001	Pioneira V. São João	92607	07:00	07:00	6,650		
T011	Term.tol. V.S.Joao	92607	07:17	07:20	6,650	T002	Pioneira V. Piratini	92607	07:40	07:40	7,400		
T013	Termi.V.Piratini	92607	08:00	08:05	7,400	T001	Pioneira V. São João	92607	08:25	08:25	6,650		
T013	Termi.V.Piratini	92607	08:55	09:00	6,650	T001	Pioneira V. São João	92607	09:20	09:20	6,650		
T011	Term.tol. V.S.Joao	92607	09:40	09:45	6,650	T002	Pioneira V. Piratini	92607	10:05	10:05	7,400		
T013	Termi.V.Piratini	92607	10:25	10:30	7,400	T001	Pioneira V. São João	92607	10:50	10:50	6,650		
T011	Term.tol. V.S.Joao	92607	11:10	11:15	6,650	T002	Pioneira V. Piratini	92607	11:35	11:35	7,400		
T013	Termi.V.Piratini	92607	11:55	12:00	7,400	T001	Pioneira V. São João	92607	12:20	12:20	6,650		
T011	Term.tol. V.S.Joao	92607	12:40	12:45	6,650	T002	Pioneira V. Piratini	92607	13:05	13:05	7,400		
T013	Termi.V.Piratini	92607	13:25	13:30	7,400	T001	Pioneira V. São João	92607	13:50	13:50	6,650		
T011	Term.tol. V.S.Joao	92607	14:10	14:15	6,650	T002	Pioneira V. Piratini	92607	14:35	14:35	7,400		
T013	Termi.V.Piratini	92607	14:55	15:00	7,400	T001	Pioneira V. São João	92607	15:20	15:20	6,650		
T013	Termi.V.Piratini	92607	15:40	15:45	6,650	T001	Pioneira V. São João	92607	16:05	16:05	6,650		
T011	Term.tol. V.S.Joao	92607	16:25	16:30	6,650	T002	Pioneira V. Piratini	92607	16:50	16:50	7,400		
T013	Termi.V.Piratini	92607	17:10	17:15	7,400	T001	Pioneira V. São João	92607	17:35	17:35	6,650		
T011	Term.tol. V.S.Joao	92607	17:55	18:00	6,650	T002	Pioneira V. Piratini	92607	18:20	18:20	7,400		
T021	Garagem	98508	18:30	18:30	0,000	T013	Termi.V.Piratini	92607	18:45	18:45	7,400		
T013	Termi.V.Piratini	98508	18:45	18:45	0,000	T021	Garagem	92607	18:50	18:50	0,000		
T001	Pioneira V. São João	98508	19:05	19:05	6,650	T011	Term.tol. V.S.Joao	98508	19:25	19:30	6,650		
T002	Pioneira V. Piratini	98508	19:50	19:50	7,400	T013	Termi.V.Piratini	98508	20:10	20:15	7,400		
T002	Pioneira V. Piratini	98508	20:35	20:35	7,400	T013	Termi.V.Piratini	98508	20:55	21:00	7,400		
T001	Pioneira V. São João	98508	21:20	21:20	6,650	T011	Term.tol. V.S.Joao	98508	21:38	21:40	6,650		
T002	Pioneira V. Piratini	98508	22:00	22:00	7,400	T013	Termi.V.Piratini	98508	22:18	22:20	7,400		
T001	Pioneira V. São João	98508	22:40	22:40	6,650	T011	Term.tol. V.S.Joao	98508	23:00	23:05	6,650		
T002	Pioneira V. Piratini	98508	23:20	23:20	7,400	T021	Garagem	98508	23:40	23:40	0,000		

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 49 – Horários programados – Linha 032 (sábados)

Alimentador											Sábados
Linha: 032 - Europa Via Centro											
Início: 06:00		Final: 23:30		Duração: 17:30		Nº de Viagens: 1.455,4		Km Tabela: 23.588,130			
Código	Apelido	Veículo	Chegada	Saída	Km	Código	Apelido	Veículo	Chegada	Saída	Km
T027	Jd.Europa	92613	06:00	06:00	0,000	T045	Term.,Jd.Europa	92613	06:17	06:20	7,050
T027	Jd.Europa	92613	06:35	06:35	7,050	T045	Term.,Jd.Europa	92613	06:57	07:00	7,050
T027	Jd.Europa	92613	07:15	07:15	7,050	T045	Term.,Jd.Europa	92613	07:35	07:40	7,050
T027	Jd.Europa	92613	07:58	07:58	7,050	T045	Term.,Jd.Europa	92613	08:20	08:25	7,050
T027	Jd.Europa	92613	08:43	08:43	7,050	T045	Term.,Jd.Europa	92613	09:10	09:15	7,050
T027	Jd.Europa	92613	09:33	09:33	7,050	T045	Term.,Jd.Europa	92613	10:00	10:05	7,050
T027	Jd.Europa	92613	10:23	10:23	7,050	T045	Term.,Jd.Europa	92613	10:50	10:55	7,050
T027	Jd.Europa	92613	11:13	11:13	7,050	T045	Term.,Jd.Europa	92613	11:40	11:45	7,050
T027	Jd.Europa	92613	12:03	12:03	7,050	T045	Term.,Jd.Europa	92613	12:30	12:35	7,050
T027	Jd.Europa	92613	12:53	12:53	7,050	T045	Term.,Jd.Europa	92613	13:20	13:25	7,050
T027	Jd.Europa	92613	13:43	13:43	7,050	T045	Term.,Jd.Europa	92613	14:10	14:15	7,050
T027	Jd.Europa	92613	14:33	14:33	7,050	T021	Garagem	98507	14:50	14:50	0,000
T045	Term.,Jd.Europa	92613	15:05	15:05	7,050	T045	Term.,Jd.Europa	98507	15:05	15:05	0,000
T021	Garagem	92613	15:10	15:10	0,000	T027	Jd.Europa	98507	15:23	15:23	7,050
T045	Term.,Jd.Europa	98507	15:50	15:55	7,050	T027	Jd.Europa	98507	16:13	16:13	7,050
T045	Term.,Jd.Europa	98507	16:40	16:45	7,050	T027	Jd.Europa	98507	17:03	17:03	7,050
T045	Term.,Jd.Europa	98507	17:30	17:35	7,050	T027	Jd.Europa	98507	17:53	17:53	7,050
T045	Term.,Jd.Europa	98507	18:20	18:25	7,050	T027	Jd.Europa	98507	18:43	18:43	7,050
T045	Term.,Jd.Europa	98507	19:10	19:15	7,050	T027	Jd.Europa	98507	19:33	19:33	7,050
T045	Term.,Jd.Europa	98507	20:00	20:05	7,050	T027	Jd.Europa	98507	20:23	20:23	7,050
T045	Term.,Jd.Europa	98507	20:50	20:55	7,050	T027	Jd.Europa	98507	21:10	21:10	7,050
T045	Term.,Jd.Europa	98507	21:35	21:40	7,050	T027	Jd.Europa	98507	21:55	21:55	7,050
T045	Term.,Jd.Europa	98507	22:15	22:20	7,050	T027	Jd.Europa	98507	22:40	22:40	7,050
T045	Term.,Jd.Europa	98507	23:00	23:05	7,050	T027	Jd.Europa	98507	23:20	23:20	7,050
T021	Garagem	98507	23:30	23:30	0,000						

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).



Quadro 50 – Horários programados – Linha 044 (sábados)

Alimentador											Sábados
Linha: 044 - Especial Prati Donaduzzi											
Início: 04:40		Final: 23:10		Duração: 18:30		Nº de Viagens: 1.466,4		Km Tabela: 23.748,130			
<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>	<u>Código</u>	<u>Apelido</u>	<u>Veículo</u>	<u>Chegad</u>	<u>Saída</u>	<u>Km</u>
T027	Jd.Europa	92615	04:40	04:40	0,000	T074	R.1º De Maio	92615	05:00	05:00	10,000
T048	Prati	92615	05:10	05:10	10,000	T083	Central Pack	98502	05:45	05:45	0,000
T010	Term.Toledo	98502	06:00	06:00	0,000	T021	Garagem	95604	06:55	06:55	0,000
T010	Term.Toledo	95604	07:10	07:10	0,000	T048	Prati	95604	07:25	07:25	5,000
T010	Term.Toledo	95604	07:35	07:35	5,000	T048	Prati	95604	07:50	07:50	5,000
T010	Term.Toledo	95604	08:15	08:15	5,000	T021	Garagem	95604	08:20	08:20	0,000
T010	Term.Toledo	95004	13:10	13:10	0,000	T048	Prati	95004	13:25	13:25	5,000
T010	Term.Toledo	95004	13:40	13:40	5,000	T048	Prati	95004	13:55	14:05	5,000
T010	Term.Toledo	95004	14:15	14:15	5,000	T010	Term.Toledo	95604	21:40	21:40	0,000
T021	Garagem	92615	21:40	21:40	0,000	T048	Prati	95604	22:00	22:05	5,000
T083	Central Pack	92615	22:00	22:05	0,000	T010	Term.Toledo	92615	22:10	22:10	0,000
T010	Term.Toledo	95604	22:15	22:15	5,000	T048	Prati	92615	22:20	22:20	5,000
T048	Prati	95604	22:25	22:25	5,000	T021	Garagem	95604	22:30	22:30	0,000
T050	São F. Via Panorama	92615	23:00	23:00	0,000	T021	Garagem	92615	23:10	23:10	0,000

Fonte: Elaborado pelo autor, com base nos dados operacionais atuais (2023).