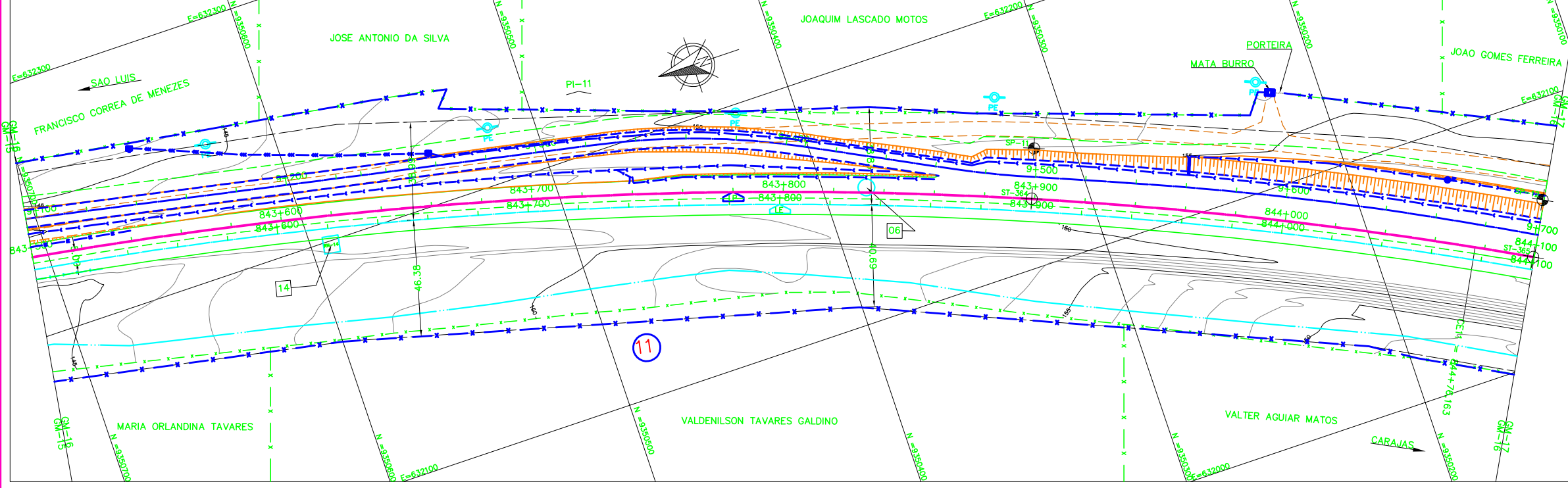


Planim	Estaca	Cotas	Planim	Estaca	Cotas
843+000	146.4681	146.666	843+000	146.4681	146.666
843+100	146.6461	146.864	843+100	146.6461	146.864
843+200	146.8071	147.046	843+200	146.8071	147.046
843+300	146.9671	147.187	843+300	146.9671	147.187
843+400	147.1281	147.308	843+400	147.1281	147.308
843+500	147.2881	147.486	843+500	147.2881	147.486
843+600	147.4491	147.726	843+600	147.4491	147.726
843+700	147.6091	147.919	843+700	147.6091	147.919
843+800	147.7701	148.002	843+800	147.7701	148.002
843+900	147.9301	148.163	843+900	147.9301	148.163
844+000	148.0911	148.256	844+000	148.0911	148.256
844+100	148.2511	148.368	844+100	148.2511	148.368
844+200	148.4121	148.594	844+200	148.4121	148.594
844+300	148.5721	148.735	844+300	148.5721	148.735
844+400	148.7331	148.958	844+400	148.7331	148.958
844+500	148.8931	149.147	844+500	148.8931	149.147
844+600	149.0541	149.221	844+600	149.0541	149.221
844+700	149.2141	149.702	844+700	149.2141	149.702
844+800	149.3751	150.280	844+800	149.3751	150.280
844+900	149.5351	150.214	844+900	149.5351	150.214
844+1000	149.6951	149.893	844+1000	149.6951	149.893
844+1100	149.8471	150.040	844+1100	149.8471	150.040
844+1200	149.9911	150.098	844+1200	149.9911	150.098
844+1300	150.1261	150.285	844+1300	150.1261	150.285
844+1400	150.2541	150.358	844+1400	150.2541	150.358
844+1500	150.3731	150.476	844+1500	150.3731	150.476
844+1600	150.4841	150.571	844+1600	150.4841	150.571
844+1700	150.5871	150.887	844+1700	150.5871	150.887
844+1800	150.6811	151.308	844+1800	150.6811	151.308
844+1900	150.7671	151.723	844+1900	150.7671	151.723
844+2000	150.8441	151.100	844+2000	150.8441	151.100



NOTAS	
1.	AS MEDIDAS ESTAO EM METROS, EXCETO ONDE INDICADO;
2.	MALHA EM COORDENADAS UTM POR SOLICITACAO DA VALE E DESENHO E PROJETOS EM COORDENADAS TOPOGRAFICAS.

DOCUMENTOS DE REFERENCIA	
250K-V-11729-CAD	
250K-B-11095-DRE	
250K-B-11738-INTF	
250K-Y-11753-SUP	
250K-B-10618-TRF	
250K-B-10619-TRF	
250K-B-10620-TRF	
250K-B-10621-TRF	

REVISOES	
REV. T.E.	DESCRICAO
0	C VALIDADO ATENDENDO A RAP RL-200K-G-23050
1	B FALTA ATENDER AOS COMENTARIOS DO RL-200K-G-23050

ESTRADA DE FERRO CARAJAS N1030-02

FERROVIA - KM 541,05 A KM 891,361
PROGRAMA CAPACITACAO LOGISTICA NORTE - LOTE 07
SEGMENTO KM 834+680 AO KM 847+900
PROJETO GEOMETRICO - FERROVIA - KM 843+500 AO KM 844+100

ESCALA	SE	Nº CONTRATADA	Nº VALE	REVISAO
1:1000		L786-532-CM-016	250K-B-10925	0

EXISTENTE	PROJETO

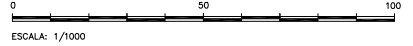
A=XX,XXX,XXm²
 AREA DE SUPRESSAO VEGETAL - ASV

INDICACAO DE NORTE

INDICACAO DE COORDENADA

SONDAGEM A TRADO

SONDAGEM A PERCUSSAO



R = 1725.000
 C=11

LC=40.000