

TMS / SAN MARTIN PROGRAMA 1987/1988

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5653 19.12.14
PMS / FMLF
BIBLIOTECA
Nº Reg. Data

REPORT NUMBER: 1

CONSTRUTORA NORBERTO ODEBRECHT

***** QUICKPLAN *****
 * THE EXECUTIVE PROJECT PLANNING SYSTEM *
 * MITCHELL MANAGEMENT SYSTEMS INC. *
 *
 * ** TIME ANALYSIS REPORT ** *
 *
 * TRANSPORTE MODERNO DE SALVADOR *
 * MACRO PLANEJAMENTO DAS OBRAS *

PREFEITURA - FINANCIAMENTO

SELECTS : Activity Code = BF
 SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	DUR.	START	EARLY FINISH	LATE START	LATE FINISH	FLOAT FREE	TOTAL
1	79.	BNDEBF ENTREGA R2 PROGRAMA AO BNDES	1	9/29/87	9/29/87	10/10/87	10/10/87	0	11
3	81.	BNDEBF GEB: ROLAGEM DA DIVIDA BNDES	25	9/29/87	10/23/87	10/18/87	11/11/87	7	19
2	80.	BNDEBF ANALISE BNDES	30	9/30/87	10/29/87	10/11/87	11/09/87	0	11
	50.	EBTUBF REUNIAO EBTU/PMS EXIGENCIAS FINAIS	1	9/30/87	9/30/87	9/30/87	9/30/87	0	0
	52.	EBTUBF PROJETOS PARA ORCAMENTOS	8	10/01/87	10/08/87	10/01/87	10/08/87	0	0
	51.	EBTUBF PROJETO SETRAN : FAEC	13	10/01/87	10/13/87	10/01/87	10/13/87	0	0
	53.	EBTUBF CONTRATAÇÃO DE SERVICOS	9	10/01/87	10/09/87	10/01/87	10/09/87	0	0
	54.	EBTUBF PROJETO ESTACAO CAJAZEIRA:FAEC	5	10/09/87	10/13/87	10/09/87	10/13/87	0	0
	55.	EBTUBF PROJETO PASSARELAS : FAEC	5	10/09/87	10/13/87	10/09/87	10/13/87	0	0
	56.	EBTUBF PROJETO SINALIZACAO CORREDOR:FAEC	5	10/09/87	10/13/87	10/09/87	10/13/87	0	0
	57.	EBTUBF PROJETO SAN MARTIN:TCE/CNO	4	10/10/87	10/13/87	10/10/87	10/13/87	0	0
	58.	EBTUBF ORCAMENTO SAN MARTIN	6	10/14/87	10/19/87	10/14/87	10/19/87	0	0
	59.	EBTUBF APROVACAO PROJETO CONDER	5	10/14/87	10/18/87	10/15/87	10/19/87	1	1
6	84.	BNDEBF GEB ENVIA MENSAGEM A CAMARA	1	10/16/87	10/16/87	11/01/87	11/01/87	0	16
10	88.	BNDEBF GEB:APROVACAO CAMARA	15	10/17/87	10/31/87	11/02/87	11/16/87	16	16
	60.	EBTUBF RELATORIO P/ EBTU	1	10/20/87	10/20/87	10/20/87	10/20/87	0	0
5	83.	BNDEBF PMS/GEB:CARTAS MIN.FAZ. BACEN	1	10/20/87	10/20/87	10/20/87	10/20/87	0	0
7	85.	BNDEBF ATUACAO POLITICA SENADOR	40	10/21/87	11/29/87	10/21/87	11/29/87	0	0
19	86.	BNDEBF CERTIFICADO DE PRIORIDADE MIN.FAZ.	21	10/22/87	11/11/87	10/22/87	11/11/87	0	0
9	87.	BNDEBF APROVACAO BACEN CAPACIDADE ENDIV.	27	10/22/87	11/17/87	10/22/87	11/17/87	0	0
	61.	EBTUBF ANALISE PELA EBTU	6	10/25/87	10/30/87	10/25/87	10/30/87	0	0
14	82.	BNDEBF PMS:COMPROVACAO DO REALIZADO	30	10/30/87	11/28/87	11/10/87	12/09/87	11	11

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SELECTS : Activity Code = BF
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ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	DUR.	EARLY START	EARLY FINISH	LATE START	LATE FINISH	Float FREE	Float TOTAL
4	82.	BNDEBF APROVACAO DIRETORIA BNDES	7	10/31/87	11/06/87	11/12/87	11/18/87	0	12
	62.	ESTUBF ELEGIBILIDADE EBTU	1	11/04/87	11/04/87	11/04/87	11/04/87	0	0
	1005.	ESTUBF ASSINATURA CONTRATO EBTU	1	11/04/87	11/04/87	11/04/87	11/04/87	0	0
	63.	ESTUBF ABERTURA DE CONTAS	7	11/06/87	11/12/87	11/06/87	11/12/87	0	0
	64.	ESTUBF CRONOGRAMA DESEMBOLSO 1988	10	11/07/87	11/16/87	12/19/87	12/28/87	0	42
8	86.	BNDEBF APROVACAO MINUTA CONTRATO BNDES	7	11/08/87	11/14/87	11/20/87	11/26/87	12	12
	65.	ESTUBF APROVACAO CRONOGRAMA DESEMB. 1988	3	11/17/87	11/19/87	12/29/87	12/31/87	27	42
11	89.	BNDEBF APROVACAO DO C.M.N.	7	11/19/87	11/25/87	11/19/87	11/25/87	0	0
20	1003.	BNDEBF ASSINATURA CONTRATO BNDES	1	11/27/87	11/27/87	11/27/87	11/27/87	0	0
15	93.	BNDEBF REGISTRO CONTRATO BACEN	7	11/28/87	12/04/87	11/28/87	12/04/87	0	0
13	91.	BNDEBF COMPROVACAO DA CONTRAPARTIDA	7	11/28/87	12/04/87	11/28/87	12/04/87	0	0
12	90.	BNDEBF ABERTURA DE CONTA	5	11/29/87	12/03/87	12/01/87	12/05/87	2	2
22	1004.	BNDEBF INICIO DE LIBERACAO DE RECURSOS	1	12/10/87	12/10/87	12/10/87	12/10/87	0	0

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PREFEITURA - ENTREGA DE PROJETO

SELECTS : Activity Code = BU
 SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	DUR.	EARLY START	EARLY FINISH	LATE START	LATE FINISH	FLOAT FREE	FLOAT TOTAL
94.	PROJBJ	PMS:DEFINICAO DA PROJETISTA	30	9/28/87	10/27/87	9/29/87	10/28/87	0	1
95.	PROJBJ	PMS:ASSIN. CONTRATO PROJETISTA	1	11/04/87	11/04/87	11/05/87	11/05/87	0	1
96.	PROJBJ	PROJETISTA:INICIO DOS TRABALHOS	1	11/11/87	11/11/87	11/12/87	11/12/87	0	1
1150.	CVLLBJ	PROJETO ELEVADO V. DA GAMA	90	11/12/87	2/09/88	1/06/88	4/04/88	0	55
1108.	CVAOBJ	PROJETO SIST. VIARIO BONOCO	30	11/12/87	12/11/87	11/22/87	12/21/87	0	10
1155.	CVLLBJ	PROJETO VIADUTO DA COCA-COLA	90	11/12/87	2/09/88	11/27/87	2/24/88	0	15
1107.	CVRABJ	PROJETO SIST. VIARIO RETIRO A. NORTE	30	11/13/87	12/12/87	1/21/88	2/19/88	0	69
66.	EBTUBJ	RECURSOS PMS P/ DESAPROPRIACAO	1	11/16/87	11/16/87	11/16/87	11/16/87	0	0
1111.	CVLLBJ	PROJETO SIST. VIARIO V.GAMA	60	11/27/87	1/25/88	1/01/88	2/29/88	0	35
1120.	CVRABJ	PROJETO VIADUTO DO ABACAXI	89	11/30/87	2/26/88	12/07/87	3/04/88	0	7
1121.	CVRABJ	PROJETO DREN.E OAC.RETIRO-A.NORTE	60	12/02/87	1/30/88	12/02/87	1/30/88	0	0
1109.	CVBVB	PROJETO SIST. VIARIO OGUNJA	61	12/12/87	2/10/88	2/20/88	4/20/88	0	70
1114.	CRBRBJ	PROJETO ESTACAO CAJAZEIRA	30	12/22/87	1/20/88	12/31/87	1/29/88	0	9
1134.	CVAOBJ	PROJETO VIADUTO RODOVIARIA	90	12/22/87	3/20/88	1/26/88	4/24/88	0	35
1151.	CVLLBJ	PROJETO VIADUTO BARRIS	90	12/22/87	3/20/88	1/21/88	4/19/88	0	30
1130.	CVAOBJ	PROJETO DRENAGEM OAC BONOCO	90	12/22/87	3/20/88	1/26/88	4/24/88	35	35
1152.	CVLLBJ	PROJETO VIADUTO P. SAO JORGE	90	1/21/88	4/19/88	3/23/88	6/20/88	1	62
1131.	CVAOBJ	PROJETO VIADUTO BONOCO	90	1/21/88	4/19/88	3/03/88	5/31/88	0	42
1124.	CVRABJ	PROJETO DRENAGEM O.A.C.	30	1/22/88	2/20/88	3/31/88	4/29/88	0	69
1113.	CRAPBJ	PROJETO ESTACAO MUSSURUNGA	30	2/20/88	3/20/88	3/31/88	4/29/88	0	40
1122.	CVRABJ	PROJETO ELEVADO S.ANTONIO	60	3/01/88	4/29/88	3/01/88	4/29/88	0	0

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PREFEITURA - ENTREGA DE PROJETO

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	DUR.	START	EARLY FINISH	START	LATE FINISH	FLOAT FREE TOTAL
1153.	CVLLBJ	PROJETO VIADUTO GARIBALDI	90	3/01/88	5/29/88	4/22/88	7/20/88	22 52
1156.	CVLLBJ	PROJETO DRENAGEM OAC V. GAMA	90	3/01/88	5/29/88	4/05/88	7/03/88	0 35
1132.	CVAOBJ	PROJETO ELEVADO ACESSO NORTE I	90	3/11/88	6/08/88	4/05/88	7/03/88	0 25
11131.	CRAPBJ	PROJETO ESTACAO CAB.	30	3/21/88	4/19/88	7/01/88	7/30/88	1 102
1154.	CVLLBJ	PROJETO VIADUTO OGUNJA	90	4/30/88	7/28/88	5/25/88	8/22/88	0 25
1123.	CVRABJ	PROJETO VIADUTO CABULA	60	6/07/88	8/05/88	6/14/88	8/12/88	0 7
1133.	CVAOBJ	PROJETO URBANIZACAO BONOCO	30	6/19/88	7/18/88	9/22/88	10/21/88	95 95
1157.	CVLLBJ	PROJETO URBANIZACAO V. GAMA	30	7/19/88	8/17/88	9/22/88	10/21/88	50 65
1125.	CVRABJ	PROJETO URBANIZACAO RETIRO-A.NORTE	30	9/25/88	10/24/88	10/02/88	10/31/88	0 7

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PREFEITURA - ENTREGA DE PROJETO

SELECTS : Activity Code = BJ

__ SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	10 DAYS per character						
			9/28/87	1/06/88	4/15/88	7/24/88	11/01/88	2/09/89	5/20/89
94.	PROJBJ	PMS:DEFINICAO DA PROJETISTA	+++	..	..	..	..	..	..
95.	PROJBJ	PMS:ASSIN. CONTRATO PROJETISTA	..	..	..	..	..	..	..
96.	PROJBJ	PROJETISTA:INICIO DOS TRABALHOS	..	..	..	..	..	..	..
1150.	CVLLBJ	PROJETO ELEVADO V. DA GAMA	..	+++++	..	..	..	..	..
1108.	CVAOBJ	PROJETO SIST. VIARIO BONOCO	..	+++	..	..	..	..	..
1155.	CVLLBJ	PROJETO VIADUTO DA COCA-COLA	..	+++++	..	..	..	..	..
1107.	CVRABJ	PROJETO SIST. VIARIO RETIRO A. NORTE	..	+++	..	..	..	..	..
66.	ESTUBJ	RECURSOS PMS P/ DESAPROPRIACAO	..	*	..	..	..	..	..
1111.	CVLLBJ	PROJETO SIST. VIARIO V.GAMA	..	+++++	..	..	..	..	..
1120.	CVRABJ	PROJETO VIADUTO DO ABACAXI	..	+++++	..	..	..	..	..
1121.	CVRABJ	PROJETO DREN.E DAC.RETIRO-A.NORTE	..	*****	..	..	..	..	..
1109.	CVBVB	PROJETO SIST. VIARIO OGUNJA	..	+++++	..	..	..	..	..
1114.	CRBRBJ	PROJETO ESTACAO CAJAZEIRA	..	+++	..	..	..	..	..
1134.	CVAOBJ	PROJETO VIADUTO RODOVIARIA	..	+++++	..	..	..	..	..
1151.	CVLLBJ	PROJETO VIADUTO BARRIS	..	+++++	..	..	..	..	..
1130.	CVAOBJ	PROJETO DRENAGEM DAC BONOCO	..	+++++	..	..	..	..	..
1152.	CVLLBJ	PROJETO VIADUTO P. SAO JORGE	..	+++++	..	..	..	..	..
1131.	CVAOBJ	PROJETO VIADUTO BONOCO	..	+++++	..	..	..	..	..
1124.	CVRABJ	PROJETO DRENAGEM D.A.C.	..	+++	..	..	..	..	..
1113.	CRAPBJ	PROJETO ESTACAO MUSSURUNGA	..	+++	..	..	..	..	..
1122.	CVRABJ	PROJETO ELEVADO S.ANTONIO	..	*****	..	..	..	..	..
1153.	CVLLBJ	PROJETO VIADUTO GARIBALDI	..	+++++	..	..	..	..	..
1156.	CVLLBJ	PROJETO DRENAGEM DAC V. GAMA	..	+++++	..	..	..	..	..
1132.	CVAOBJ	PROJETO ELEVADO ACESSO NORTE I	..	+++++	..	..	..	..	..
11131.	CRAPBJ	PROJETO ESTACAO CAB.	..	+++	..	..	..	..	..
1154.	CVLLBJ	PROJETO VIADUTO OGUNJA	..	+++	..	..	..	..	..
1123.	CVRABJ	PROJETO VIADUTO CABULA	..	+++++	..	..	..	..	..
1133.	CVAOBJ	PROJETO URBANIZACAO BONOCO	..	+++++	..	..	..	..	..
1157.	CVLLBJ	PROJETO URBANIZACAO V. GAMA	..	+++++	..	..	..	..	..
1125.	CVRABJ	PROJETO URBANIZACAO RETIRO-A.NORTE	..	+++++	..	..	..	..	..

LEGEND: (* CRITICAL) (+ EARLY START) (= FREE FLOAT) (- TOTAL FLOAT) (< or > DATA LOCATION)

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PMS - ELIMINACAO INTERFERENCIA

SELECTS : Activity Code = BL
 SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	DUR.	EARLY START	EARLY FINISH	LATE START	LATE FINISH	Float FREE	Float TOTAL
1208.	CVAOBL	ELIM. INTERFERENCIAS BONOCO	62	11/22/87	1/22/88	12/02/87	2/01/88	10	10
1211.	CVLLBL	ELIM. INTERFERENCIAS V. GAMA	153	12/12/87	5/12/88	1/16/88	6/16/88	0	35
1207.	CVRABL	ELIM. INTERFERENCIAS RETIRO-A.NORTE	122	12/13/87	4/12/88	2/20/88	6/20/88	0	67
1209.	CVBVBL	ELIM. INTERFERENCIAS OGUNJA	61	1/12/88	3/12/88	3/22/88	5/21/88	0	70

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PMS - ELIMINACAO INTERFERENCIA

SELECTS : Activity Code = BL
SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	10 DAYS per character					
			9/28/87	1/06/88	4/15/88	7/24/88	11/01/88	2/09/89
1208.	CVA0BL	ELIM. INTERFERENCIAS BONOCO	!.....++++++=.....!	!	!	!	!	!
1211.	CVLLBL	ELIM. INTERFERENCIAS V. GAMA	!.....++++++-----!.....!	!	!	!	!	!
1207.	CVRABL	ELIM. INTERFERENCIAS RETIRO-A.NORTE	!.....++++++-----!.....!	!	!	!	!	!
1209.	CVBVBL	ELIM. INTERFERENCIAS OGUNJA	!.....++++++-----!.....!	!	!	!	!	!

LEGEND: (* CRITICAL) (+ EARLY START) (= FREE FLOAT) (- TOTAL FLOAT) (< or > DATA LOCATION)

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PREFEITURA - DESAPROPRIACOES

SELECTS : Activity Code = BU
 SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	DUR.	EARLY START	EARLY FINISH	LATE START	LATE FINISH	FLOAT FREE	TOTAL
1006.	CVSMBD	DESAPROPRIACAO SAN MARTIN	60	11/17/87	1/15/88	12/02/87	1/30/88	0	15
1007.	CVSMBD	ELIM. INTERFERENCIAS SAN MARTIN	120	11/17/87	3/15/88	11/17/87	3/15/88	0	0
1311.	CVLLBD	DESAPROPRIACAO V. GAMA	60	12/12/87	2/09/88	1/16/88	3/15/88	0	35
1307.	CVRASD	DESAPROPRIACAO RETIRO-A.NORTE	45	12/13/87	1/26/88	2/20/88	4/04/88	0	69
1309.	CVBVSD	DESAPROPRIACAO OGUNJA	61	1/12/88	3/12/88	3/22/88	5/21/88	0	70

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TRECHO LAPA - OGUNJA

SELECTS : Activity Code = CVLL : Activity Code (>) B
 SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	DUR.	EARLY START	EARLY FINISH	LATE START	LATE FINISH	FLOAT FREE TOTAL
1411.	CVLLPS	SERVICOS PRELIMINARES	230	12/12/87	7/28/88	1/16/88	9/01/88	0 35
1511.	CVLLPT	TERRAPLENAGEM	270	12/12/87	9/06/88	1/16/88	10/11/88	0 35
18115.	CVLLPC	VIADUTO COCA-COLA	360	12/12/87	12/05/88	12/27/87	12/20/88	0 15
18118.	CVLLPC	ELEVADO VASCO DA GAMA	300	12/12/87	10/06/88	2/05/88	11/30/88	40 55
18111.	CVLLPC	VIADUTO DOS BARRIS	305	1/21/88	11/20/88	2/20/88	12/20/88	0 30
18112.	CVLLPC	VIADUTO POSTO SAO JORGE	213	2/21/88	9/20/88	4/22/88	11/20/88	31 61
18119.	CVLLPC	PASSARELA MURICOCA	60	3/12/88	5/10/88	4/04/88	6/02/88	0 23
2011.	CVLLPO	DRENAGEM E OBRAS D'ARTE CORRENTES	220	3/31/88	11/05/88	5/05/88	12/10/88	0 35
18113.	CVLLPC	VIADUTO GARIBALDI	213	4/22/88	11/20/88	5/22/88	12/20/88	5 30
181191.	CVLLPC	PASSARELA VILA AMERICA	60	5/11/88	7/09/88	6/03/88	8/01/88	0 23
18114.	CVLLPC	VIADUTO OGUNJA	180	5/30/88	11/25/88	6/24/88	12/20/88	10 25
1611.	CVLLPP	PAVIMENTACAO	70	9/07/88	11/15/88	10/12/88	12/20/88	20 35
2211.	CVLLPU	URBANIZACAO E OBRAS COMPLEMENTARES	70	10/07/88	12/15/88	10/22/88	12/30/88	15 15
181192.	CVLLPC	PASSARELA CASA BRANCA	60	10/09/88	12/07/88	11/01/88	12/30/88	23 23

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TRECHO LAPA - OGUNJA

SELECTS : Activity Code = CVLL : Activity Code (>) B
 SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	10 DAYS per character						
			9/28/87	1/06/88	4/15/88	7/24/88	11/01/88	2/09/89	5/20/89
1411.	CVLLPS	SERVICOS PRELIMINARES	!.....	+++++	-----	.....	!	.....	!
1511.	CVLLPT	TERRAPLENAGEM	!.....	+++++	-----	.....	!	.....	!
18115.	CVLLPC	VIADUTO COCA-COLA	!.....	+++++	-----	.....	!	.....	!
18118.	CVLLPC	ELEVADO VASCO DA GAMA	!.....	+++++	-----	.....	!	.....	!
18111.	CVLLPC	VIADUTO DOS BARRIS	!.....	+++++	-----	.....	!	.....	!
18112.	CVLLPC	VIADUTO POSTO SAO JORGE	!.....	+++++	-----	.....	!	.....	!
18119.	CVLLPC	PASSARELA MURICOCA	!.....	+++++	-----	.....	!	.....	!
2011.	CVLLPD	DRENAGEM E OBRAS D'ARTE CORRENTES	!.....	+++++	-----	.....	!	.....	!
18113.	CVLLPC	VIADUTO GARIBALDI	!.....	+++++	-----	.....	!	.....	!
181191.	CVLLPC	PASSARELA VILA AMERICA	!.....	+++++	-----	.....	!	.....	!
18114.	CVLLPC	VIADUTO OGUNJA	!.....	+++++	-----	.....	!	.....	!
1611.	CVLLPP	PAVIMENTACAO	!.....	+++++	-----	.....	!	.....	!
2211.	CVLLPU	URBANIZACAO E OBRAS COMPLEMENTARES	!.....	+++++	-----	.....	!	.....	!
181192.	CVLLPC	PASSARELA CASA BRANCA	!.....	+++++	-----		!		!

LEGEND: (* CRITICAL) (+ EARLY START) (= FREE FLOAT) (- TOTAL FLOAT) (< or > DATA LOCATION)

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CONSTRUTORA NORBERTO ODEBRECHT

***** QUICKPLAN *****
* THE EXECUTIVE PROJECT PLANNING SYSTEM *
* MITCHELL MANAGEMENT SYSTEMS INC. *
*
* ** BAR CHART ** *
*
* TRANSPORTE MODERNO DE SALVADOR *
* MACRO PLANEJAMENTO DAS OBRAS *

TRECHO VASCO DA GAMA - BONFOL

SELECTS : Activity Code = CVBV : Activity Code (> B
SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	10 DAYS per character					
			9/28/87	1/06/88	4/15/88	7/24/88	11/01/88	2/09/89
1409.	CVBVPS	SERVICOS PRELIMINARES	!	.....	!.....	+++++	-----	!
1509.	CVBVPT	TERRAPLENAGEM	!	.....	!.....	+++++	-----	!
2009.	CVBVPO	DRENAGEM E OBRAS D'ARTE CORRENTES	!	.....	!.....	+++++	-----	!
1609.	CVBVPP	PAVIMENTACAO	!	.....	!.....	+++++	-----	!
2209.	CVBVPU	URBANIZACAO E OBRAS COMPLEMENTARES	!		!.....	+++++	-----	!

LEGEND: (* CRITICAL) (+ EARLY START) (= FREE FLOAT) (- TOTAL FLOAT) (< or > DATA LOCATION)

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CONSTRUTORA NORBERTO ODEBRECHT

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 * ** TIME ANALYSIS REPORT ** *
 *
 * TRANSPORTE MODERNO DE SALVADOR *
 * MACRO PLANEJAMENTO DAS OBRAS *

TRECHO ACESSO NORTE - OGUNJA

SELECTS : Activity Code = CVAO : Activity Code (>) B
 SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	DUR.	EARLY START	EARLY FINISH	LATE START	LATE FINISH	FREE	TOTAL
13081.	CVAOPC	PASSARELA SARAMANDAIA	60	11/13/87	1/11/88	12/06/87	2/03/88	0	23
1408.	CVAOPB	SERVICOS PRELIMINARES	100	12/12/87	3/20/88	12/12/87	3/20/88	0	0
1508.	CVAOPT	TERRAPLENAGEM	285	1/11/88	10/21/88	1/11/88	10/21/88	0	0
180812.	CVAOPC	PASSARELA BONOCO	60	1/12/88	3/11/88	2/04/88	4/03/88	0	23
18103.	CVAOPC	VIADUTO RODOVIARIA	300	1/21/88	11/15/88	2/25/88	12/20/88	35	35
18084.	CVAOPC	VIADUTO BONOCU	243	2/20/88	10/19/88	4/02/88	11/30/88	42	42
2008.	CVAOPD	DRENAGEM E OAC	300	2/25/88	12/20/88	2/25/88	12/20/88	0	0
18082.	CVAOPC	ELEVADO ACESSO NORTE I	230	4/10/88	11/25/88	5/05/88	12/20/88	25	25
1608.	CVAOPP	PAVIMENTACAO	160	6/14/88	11/20/88	6/14/88	11/20/88	0	0
2208.	CVAOPU	URBANIZACAO E OBRAS COMPLEMENTARES	70	10/22/88	12/30/88	10/22/88	12/30/88	0	0

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CONSTRUTORA NORBERTO ODEBRECHT

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* ** BAR CHART **                      *
*                                       *
* TRANSPORTE MODERNO DE SALVADOR        *
* MACRO PLANEJAMENTO DAS OBRAS          *
*****
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TRECHO ACCESO NORTE - OGUINJA

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SELECTS : Activity Code = CVA0      : Activity Code (>) B
SORTS   : Early Start
```

SORTS : Early Start			10 DAYS per character						
ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	9/28/87	1/06/88	4/15/88	7/24/88	11/01/88	2/09/89	5/20/89
18081.	CVAOPC	PASSARELA SARAMANDAIA	.....+++++-----	.....	.....	.....	.....	.....	.....
1408.	CVAOPS	SERVICOS PRELIMINARES	.....*****.....	.....	.....	.....	.....	.....	.....
1508.	CVAOPT	TERRAPLENAGEM	.....*****.....	.....	.....	.....	.....	.....	.....
180812.	CVAOPC	PASSARELA BONOCO	.....+++++-----	.....	.....	.....	.....	.....	.....
18103.	CVAOPC	VIADUTO RODOVIARIA	.....!+++++=====	.....	.....	.....	.....	.....	>
18084.	CVAOPC	VIADUTO BONOCO	.....!+++++=====	.....	.....	.....	.....	.....	>
2008.	CVAOPD	DRENAGEM E DAC	.....*****.....	.....	.....	.....	.....	.....	.....
18082.	CVAOPC	ELEVADO ACESSO NORTE I	.....!+++++=====	.....	.....	.....	.....	.....	>
1608.	CVAOPP	PAVIMENTACAO	.....*****.....	.....	.....	.....	.....	.....	.....
2208.	CVAOPU	URBANIZACAO E OBRAS COMPLEMENTARES	*****.....						

LEGEND: (* CRITICAL) (+ EARLY START) (= FREE FLOAT) (- TOTAL FLOAT) (< or > DATA LOCATION)

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CONSTRUTORA NORBERTO ODEBRECHT

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TRECHO RETIRO - ACESSO NORTE

SELECTS : Activity Code = CVRA : Activity Code (>) B
 SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	DUR.	EARLY START	EARLY FINISH	LATE START	LATE FINISH	FLOAT FREE	TOTAL
1407.	CVRAPS	SERVICOS PRELIMINARES	91	12/23/87	3/22/88	3/01/88	5/30/88	0	69
18071.	CVRAPC	VIADUTO ROTULA DO ABACAXI	330	12/30/87	11/23/88	1/06/88	11/30/88	0	7
18074.	CVRAPC	ELEVADO JEQUITAIA	120	1/01/88	4/29/88	1/01/88	4/29/88	0	0
1507.	CVRAPT	TERRAPLENAGEM	122	2/21/88	6/21/88	4/30/88	8/29/88	0	69
2007.	CVRAPO	DRENAGEM E OBRAS D'ARTE CORRENTES	184	2/21/88	8/22/88	4/30/88	10/30/88	62	69
1607.	CVRAPP	PAVIMENTACAO	122	3/23/88	7/22/88	6/01/88	9/30/88	1	70
18075.	CVRAPC	ELEVADO SANTO ANTONIO	152	3/31/88	8/29/88	3/31/88	8/29/88	0	0
18073.	CVRAPC	VIADUTO DO CASULA	140	7/07/88	11/23/88	7/14/88	11/30/88	0	7
18066.	CVRAPC	PASSARELA BR-324	91	7/10/88	10/08/88	8/02/88	10/31/88	0	23
2207.	CVRAPU	URBANIZACAO E OBRAS COMPLEMENTARES	60	10/25/88	12/23/88	11/01/88	12/30/88	7	7

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TRECHO RETIRO - ACESSO NORTE

SELECTS : Activity Code = CVRA : Activity Code (>) B
 SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	10 DAYS per character						
			9/28/87	1/06/88	4/15/88	7/24/88	11/01/88	2/09/89	5/20/89
1407.	CVRAP	SERVICOS PRELIMINARES	.....+++++++-----	.....!.....	.....	.....	.....	.....	.....
18071.	CVRAPC	VIADUTO ROTULA DO ABACAXI	.....+++++++-----	.....!.....	.....	.....	.....	.....	.....
18074.	CVRAPC	ELEVADO JEQUITAIA	.....*****.....	.....!.....	.....	.....	.....	.....	.....
1507.	CVRAPT	TERRAPLENAGEM	.....!.....+++++++-----	.....!.....	.....	.....	.....	.....	.....
2007.	CVRAPD	DRENAGEM E OBRAS D'ARTE CORRENTES	.....!.....+++++++-----	.....!.....	.....	.....	.....	.....	.....
1607.	CVRAPP	PAVIMENTACAO	.....!.....+++++++-----	.....!.....	.....	.....	.....	.....	.....
18075.	CVRAPC	ELEVADO SANTO ANTONIO	.....!.....*****.....	.....!.....	.....	.....	.....	.....	.....
18073.	CVRAPC	VIADUTO DO CABULA	.....!.....+++++++-----	.....!.....	.....	.....	.....	.....	.....
18066.	CVRAPC	PASSARELA BR-324	.....!.....+++++++-----	.....!.....	.....	.....	.....	.....	.....
2207.	CVRAPU	URBANIZACAO E OBRAS COMPLEMENTARES	!.....+++++++-----	!.....					

LEGEND: (* CRITICAL) (+ EARLY START) (= FREE FLOAT) (- TOTAL FLOAT) (< or > DATA LOCATION)

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TRECHO SAN MARTIN

SELECTS : Activity Code = CVSM : Activity Code <> B
 SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	DUR.	EARLY		LATE		FLOAT	
				START	FINISH	START	FINISH	FREE	TOTAL
1008.	CVSMPC	SAN MARTIN TRECHO 1	120	12/17/87	4/14/88	1/01/88	4/29/88	15	15
1009.	CVSMPC	SAN MARTIN TRECHO 2	120	3/16/88	7/13/88	3/16/88	7/13/88	0	0
1010.	CVSMPC	SAN MARTIN TRECHO 3	120	5/30/88	9/26/88	5/30/88	9/26/88	0	0
1011.	CVSMPC	SAN MARTIN TRECHO 4	115	8/13/88	12/05/88	8/13/88	12/05/88	0	0
1012.	CVSMPC	SAN MARTIN URBANIZACAO E OC.	90	10/02/88	12/30/88	10/02/88	12/30/88	0	0

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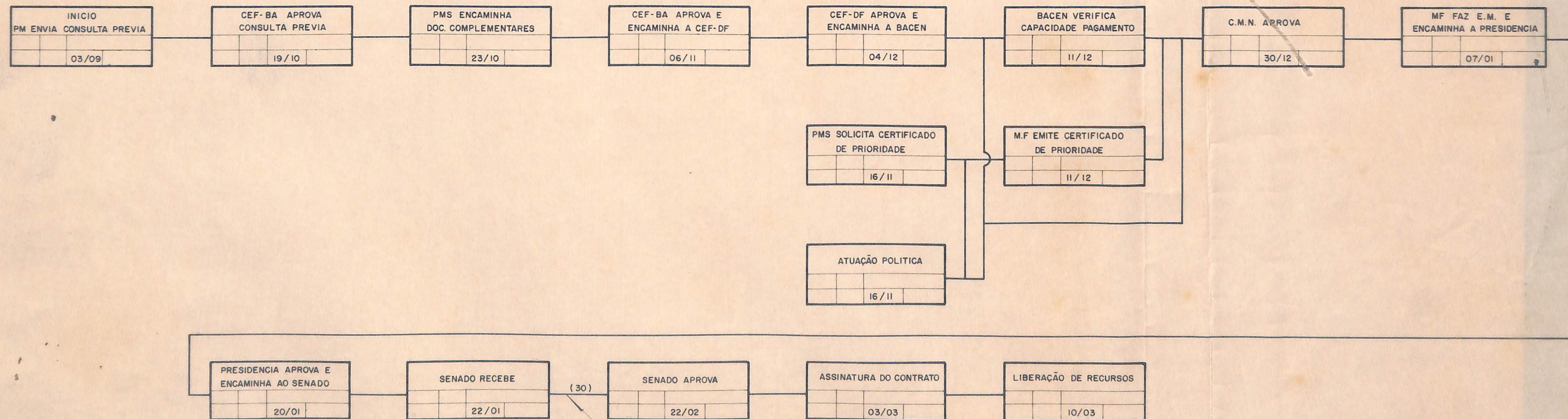
TRECHO SAN MARTIN

SELECTS : Activity Code = CVSM : Activity Code <> B
 SORTS : Early Start

ACT. NO.	ACT. CODE	ACTIVITY DESCRIPTION	10 DAYS per character					
			9/28/87	1/06/88	4/15/88	7/24/88	11/01/88	2/09/89
1008.	CVSMPC	SAN MARTIN TRECHO 1	.....+++++++=	.....	.....	.....	.....	.....
1009.	CVSMPC	SAN MARTIN TRECHO 2	.....	.....	.....	.....	.....	.....
1010.	CVSMPC	SAN MARTIN TRECHO 3	.....	.....	.....	.....	.....	.....
1011.	CVSMPC	SAN MARTIN TRECHO 4	.....	.....	.....	.....	.....	.....
1012.	CVSMPC	SAN MARTIN URBANIZACAO E OC.						

LEGEND: (* CRITICAL) (+ EARLY START) (= FREE FLOAT) (- TOTAL FLOAT) (< or > DATA LOCATION)

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