

FLUJO DE CAJA

OBJETO: MEJORAMIENTO MEDIANTE CONSTRUCCION DE PLACA HUELLA DE VIAS TERCARIAS DEL MUNICIPIO DE LA GLORIA - CESAR																																
ITEM	DESCRIPCION	UND	CANT	VALOR (INC. AIU)	MES 1				MES 2				MES 3				MES 4				MES 5				MES 6				MES 7			
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	TRABAJOS PRELIMINARES																															
1.1	CONFORMACIÓN DE LA CALZADA EXISTENTE	M2	10235	\$ 16.604.712,38					\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88	\$ 1.186.050,88			
2	MOVIMIENTOS DE TIERRA																															
2.1	EXCAVACION EN MATERIAL COMÚN DE LA EXPLANACIÓN Y CANALES	M3	1193	\$ 16.100.430,10					\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72	\$ 1.150.030,72			
2.2	TRANSPORTE DE MATERIALES PROVENIENTES DE LA EXCAVACIÓN DE LA EXPLANACIÓN, CANALES Y PRÉSTAMOS PARA DISTANCIAS MAYORES DE MIL METROS (1.000 M) MEDIDOS A PARTIR DE CIEN METROS (100 M).	M3-Km	74431	\$ 115.048.528,42					\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03	\$ 8.217.752,03			
2.3	EXCAVACIÓN MANUAL (VIGAS RIOSTRAS)	M3	114	\$ 4.325.903,49							\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13	\$ 227.679,13			
2.4	EXCAVACIONES VARIAS EN MATERIAL COMUN EN SECO (ALCANTARILLAS)	M3	529	\$ 12.138.366,24	\$ 1.103.487,84	\$ 1.103.487,84	\$ 1.103.487,84	\$ 1.103.487,84	\$ 1.103.487,84	\$ 1.103.487,84	\$ 1.103.487,84	\$ 1.103.487,84	\$ 1.103.487,84	\$ 1.103.487,84	\$ 1.103.487,84	\$ 1.103.487,84																
2.5	RELLENOS PARA ESTRUCTURAS CON RECEBO (ALCANTARILLAS)	M3	176	\$ 13.119.812,16		\$ 1.093.317,68	\$ 1.093.317,68	\$ 1.093.317,68	\$ 1.093.317,68	\$ 1.093.317,68	\$ 1.093.317,68	\$ 1.093.317,68	\$ 1.093.317,68	\$ 1.093.317,68	\$ 1.093.317,68	\$ 1.093.317,68																
3	CAPAS GRANULARES																															
3.1	AFIRMADO	M3	1316	\$ 117.330.485,53					\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35	\$ 7.333.155,35			
3.2	SUBBASE GRANULAR CLASE C	M3	1441	\$ 242.655.511,37					\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46	\$ 15.165.969,46			
4	PAVIMENTO CON PLACA HUELLA																															
4.1	PLACA HUELLA DE CONCRETO HIDRÁULICO	M2	4018	\$ 624.634.350,38							\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13	\$ 32.875.492,13			
4.2	CONCRETO RESISTENCIA 14MPa (G) (CICLOPEO)	M2	3237	\$ 369.035.530,52							\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66	\$ 19.422.922,66			
4.3	VIGA RIOSTRA DE CONCRETO HIDRÁULICO (0,30 x 0,20 X 4,60 MTS); INCLUYE LA PREPARACION DE LA SUPERFICIE DE APOYO	ML	3156	\$ 172.906.999,72						\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41	\$ 9.100.368,41			
4.4	BORDILLO DE CONCRETO VACIADO IN SITU; INCLUYE LA PREPARACION DE LA SUPERFICIE DE APOYO	ML	4094	\$ 352.174.241,21							\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38	\$ 18.535.486,38			
4.5	CUNETA DE CONCRETO VACIADA IN SITU; INCLUYE LA CONFORMACION DE LA SUPERFICIE DE APOYO	M3	338	\$ 232.802.498,21							\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06	\$ 12.252.763,06			
4.6	ACERO DE REFUERZO Fy 4200 Mpa	KG	69106	\$ 446.856.118,44					\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78	\$ 21.278.862,78			
4.7	CONSTRUCCIÓN DE JUNTAS PARA PLACA HUELLA	ML	13283	\$ 21.187.620,78					\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67	\$ 963.073,67			
4.8	SELLADO PARA JUNTAS	ML	13283	\$ 28.491.910,59																					\$ 3.561.488,82	\$ 3.561.488,82	\$ 3.561.488,82	\$ 3.561.488,82	\$ 3.561.488,82	\$ 3.561.488,82		
5	OBRAS DE SEÑALIZACIÓN Y SEGURIDAD																															
5.1	SEÑAL VERTICAL DE TRANSITO TIPO 1 CON LAMINA RETRORREFLECTIVA TIPO III (75 X 75) CM	UND	24	\$ 8.127.319,20																								\$ 2.709.106,40	\$ 2.709.106,40	\$ 2.709.106,40		
6	OBRAS MENORES DE DRENAJE																															
6.1	TUBERÍA DE CONCRETO REFORZADO 21 Mpa DE 900 MM DE DIAMETRO INTERIOR	ML	126	\$ 86.332.100,40	\$ 7.194.341,70	\$ 7.194.341,70	\$ 7.194.341,70	\$ 7.194.341,70	\$ 7.194.341,70	\$ 7.194.341,70	\$ 7.194.341,70	\$ 7.194.341,70	\$ 7.194.341,70	\$ 7.194.341,70	\$ 7.194.341,70	\$ 7.194.341,70																
6.2	CONCRETO RESISTENCIA 21MPa (D)	M3	313	\$ 231.917.226,72		\$ 19.326.435,56	\$ 19.326.435,56	\$ 19.326.435,56	\$ 19.326.435,56	\$ 19.326.435,56	\$ 19.326.435,56	\$ 19.326.435,56	\$ 19.326.435,56	\$ 19.326.435,56	\$ 19.326.435,56	\$ 19.326.435,56																
ACUMULADO OBRA				\$ 3.111.789.666,00	\$ 8.297.829,54	\$ 28.717.582,78	\$ 28.717.582,78	\$ 28.717.582,78	\$ 46.604.571,76	\$ 116.887.969,80	\$ 145.638.940,00	\$ 176.427.189,44	\$ 176.427.189,44	\$ 176.427.189,44	\$ 175.323.701,60	\$ 168.129.359,90	\$ 147.709.606,66	\$ 147.709.606,66	\$ 147.709.606,66	\$ 147.709.606,66	\$ 147.709.606,66	\$ 137.155.773,03	\$ 137.155.773,03	\$ 133.384.106,50	\$ 118.218.137,04	\$ 118.218.137,04	\$ 118.218.137,04	\$ 85.342.644,92	\$ 59.300.781,12	\$ 7.233.668,90	\$ 6.270.595,22	
INTERVENTORIA				\$ 172.362.278,00	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64	\$ 6.155.795,64		
VALOR ACUMULADO POR MES					\$ 14.453.625,18	\$ 49.327.003,61	\$ 84.200.382,03	\$ 119.073.760,45	\$ 171.834.127,86	\$ 294.877.893,30	\$ 446.672.628,95	\$ 629.255.614,03	\$ 811.838.599,12	\$ 994.421.584,20	\$ 1.177.004.569,29	\$ 1.358.484.066,53	\$ 1.532.769.222,08	\$ 1.686.634.624,38	\$ 1.840.500.026,69	\$ 1.994.365.428,99	\$ 2.148.230.831,30	\$ 2.302.096.233,60	\$ 2.445.407.802,27	\$ 2.588.719.370,94	\$ 2.728.259.273,09	\$ 2.852.633.205,78	\$ 2.977.007.138,46	\$ 3.101.381.071,15	\$			

ING. DANIS DAMIAN LÁZARO ROBLES
APOYO SECRETARIA DE PLANEACION