COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3+460 | 7.87 | 7.64 | 20.00 | 0.20 | 30.54 | LI | Calzada |
| 3+480 | 8.63 | 8.25 | 20.00 | 0.20 | 33.00 | LI | Calzada |
| 3+500 | 9.29 | 8.96 | 20.00 | 0.20 | 35.84 | LI | Calzada |
| 3+520 | 9.95 | 9.62 | 20.00 | 0.20 | 38.48 | LI | Calzada |
| 3+540 | 9.90 | 9.93 | 20.00 | 0.20 | 39.70 | LI | Calzada |
| 3+560 | 9.88 | 9.89 | 20.00 | 0.20 | 39.56 | LI | Calzada |
| 3+580 | 9.86 | 9.87 | 20.00 | 0.20 | 39.48 | LI | Calzada |
| 3+600 | 9.20 | 9.53 | 20.00 | 0.20 | 38.12 | LI | Calzada |
| 3+620 | 9.20 | 9.20 | 20.00 | 0.20 | 36.80 | LI | Calzada |
| 3+640 | 9.30 | 9.25 | 20.00 | 0.20 | 37.00 | LI | Calzada |
| 3+660 | 9.48 | 9.39 | 20.00 | 0.20 | 37.56 | LI | Calzada |
| 3+680 | 9.48 | 9.48 | 20.00 | 0.20 | 37.92 | LI | Calzada |
| 3+700 | 9.20 | 9.34 | 20.00 | 0.20 | 37.36 | LI | Calzada |
| 3+720 | 9.10 | 9.15 | 20.00 | 0.20 | 36.60 | LI | Calzada |
| 3+760 | 9.10 | 9.10 | 40.00 | 0.20 | 72.80 | LI | Calzada |
| | | | | | | | |
| 3+760 | 8.00 | | | | | | |
| 3+780 | 8.00 | 8.00 | 20.00 | 0.20 | 32.00 | LI | Calzada |
| 3+800 | 8.00 | 8.00 | 20.00 | 0.20 | 32.00 | LI | Calzada |
| 3+820 | 8.00 | 8.00 | 20.00 | 0.20 | 32.00 | LI | Calzada |
| 3+840 | 8.00 | 8.00 | 20.00 | 0.20 | 32.00 | LI | Calzada |
| 3+860 | 8.00 | 8.00 | 20.00 | 0.20 | 32.00 | LI | Calzada |
| 3+880 | 8.00 | 8.00 | 20.00 | 0.20 | 32.00 | LI | Calzada |
| 3+940 | 8.00 | 8.00 | 60.00 | 0.20 | 96.00 | LI | Calzada |
| 3+960 | 8.50 | 8.25 | 20.00 | 0.20 | 33.00 | LI | Calzada |
| 3+970 | 8.50 | 8.50 | 10.00 | 0.20 | 17.00 | LI | Calzada |
| | | | | | | | |
| Retorno 4+000 | 12.00 | | | | | | |
| Retorno 4+000 | 12.00 | 12.00 | 19.00 | 0.20 | 45.60 | LI | Bajo Viaducto |
| 4+000 | 8.00 | | | | | LI | Calzada |
| 4+140 | 8.00 | 8.00 | 140.00 | 0.20 | 224.00 | LI | Calzada |
| 4+160 | 8.00 | 8.00 | 20.00 | 0.20 | 32.00 | LI | Calzada |
| 4+180 | 10.00 | 9.00 | 20.00 | 0.20 | 36.00 | LI | Calzada |
| 4+200 | 10.00 | 10.00 | 20.00 | 0.20 | 40.00 | LI | Calzada |
| 4+220 | 10.00 | 10.00 | 20.00 | 0.20 | 40.00 | LI | Calzada |
| 4+240 | 9.00 | 9.50 | 20.00 | 0.20 | 38.00 | LI | Calzada |
| 4+320 | 9.00 | 9.00 | 80.00 | 0.20 | 144.00 | LI | Calzada |
| 4+340 | 9.40 | 9.20 | 20.00 | 0.20 | 36.80 | LI | Calzada |
| 4+360 | 10.00 | 9.70 | 20.00 | 0.20 | 38.80 | LI | Calzada |
| 4+380 | 10.00 | 10.00 | 20.00 | 0.20 | 40.00 | LI | Calzada |
| 4+400 | 11.00 | 10.50 | 20.00 | 0.20 | 42.00 | LI | Calzada |
| 4+420 | 11.00 | 11.00 | 20.00 | 0.20 | 44.00 | LI | Calzada |
| 4+440 | 11.00 | 11.00 | 20.00 | 0.20 | 44.00 | LI | Calzada |
| 4+460 | 10.00 | 10.50 | 20.00 | 0.20 | 42.00 | LI | Calzada |
| 4+480 | 9.00 | 9.50 | 20.00 | 0.20 | 38.00 | LI | Calzada |
| 4+500 | 11.00 | 10.00 | 20.00 | 0.20 | 40.00 | LI | Calzada |
| 4+535 | 9.00 | 10.00 | 35.00 | 0.20 | 70.00 | LI | Calzada |
| Puente Damián | | | | | | | |
| 4+580 | 8.42 | | | | | | |
| 4+600 | 8.42 | 8.42 | 20.00 | 0.20 | 33.68 | LI | Calzada |
| 4+620 | 9.26 | 8.84 | 20.00 | 0.20 | 35.36 | LI | Calzada |
| 4+640 | 10.24 | 9.75 | 20.00 | 0.20 | 39.00 | LI | Calzada |
| 4+660 | 11.34 | 10.79 | 20.00 | 0.20 | 43.16 | LI | Calzada |
| 4+680 | 11.84 | 11.59 | 20.00 | 0.20 | 46.36 | LI | Calzada |
| 4+700 | 12.10 | 11.97 | 20.00 | 0.20 | 47.88 | LI | Calzada |
| 4+720 | 12.94 | 12.52 | 20.00 | 0.20 | 50.08 | LI | Calzada |
| Empalme | | | | | | | |
| 4+720 | 5.50 | | | | | | |
| 4+740 | 6.40 | 5.95 | 20.00 | 0.20 | 23.80 | LI | Calzada |
| 4+760 | 7.00 | 6.70 | 20.00 | 0.20 | 26.80 | LI | Calzada |
| 4+780 | 8.00 | 7.50 | 20.00 | 0.20 | 30.00 | LI | Calzada |

Ing. Cristobal Conene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

## COMPUTO METRICO

### CONVENIO MODIFICATORIO N° 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3+220 | 4.87 | 4.02 | 20.00 | 0.20 | 16.08 | LD | Colectora |
| | | | | | | | |
| 3+651 | 2.00 | | | | | | Entrada a colectora |
| 3+660 | 3.10 | 2.55 | 9.00 | 0.20 | 4.59 | LD | Entrada a colectora |
| 3+680 | 4.00 | 3.55 | 20.00 | 0.20 | 14.20 | LD | Entrada a colectora |
| 3+690 | 7.20 | 5.60 | 10.00 | 0.20 | 11.20 | LD | Entrada a colectora |
| 3+700 | 7.15 | 7.18 | 10.00 | 0.20 | 14.35 | LD | Colectora |
| 3+720 | 7.20 | 7.18 | 20.00 | 0.20 | 28.70 | LD | Colectora |
| 3+800 | 7.20 | 7.20 | 80.00 | 0.20 | 115.20 | LD | Colectora |
| 3+840 | 6.45 | 6.83 | 40.00 | 0.20 | 54.60 | LD | Colectora |
| 3+900 | 6.45 | 6.45 | 60.00 | 0.20 | 77.40 | LD | Colectora |
| 3+920 | 6.05 | 6.25 | 20.00 | 0.20 | 25.00 | LD | Colectora |
| 3+940 | 6.80 | 6.43 | 20.00 | 0.20 | 25.70 | LD | Colectora |
| 3+960 | 7.00 | 6.90 | 20.00 | 0.20 | 27.60 | LD | Colectora |
| 3+980 | 7.00 | 7.00 | 20.00 | 0.20 | 28.00 | LD | Colectora |
| 4+000 | 8.00 | 7.50 | 20.00 | 0.20 | 30.00 | LD | Colectora |
| 4+020 | 6.75 | 7.38 | 20.00 | 0.20 | 29.50 | LD | Colectora |
| 4+040 | 6.30 | 6.53 | 20.00 | 0.20 | 26.10 | LD | Colectora |
| 4+060 | 6.30 | 6.30 | 20.00 | 0.20 | 25.20 | LD | Colectora |
| 4+080 | 6.29 | 6.30 | 20.00 | 0.20 | 25.18 | LD | Colectora |
| 4+100 | 6.30 | 6.30 | 20.00 | 0.20 | 25.18 | LD | Colectora |
| 4+120 | 6.35 | 6.33 | 20.00 | 0.20 | 25.30 | LD | Colectora |
| 4+140 | 6.40 | 6.38 | 20.00 | 0.20 | 25.50 | LD | Colectora |
| 4+160 | 6.35 | 6.38 | 20.00 | 0.20 | 25.50 | LD | Colectora |
| 4+180 | 6.70 | 6.53 | 20.00 | 0.20 | 26.10 | LD | Colectora |
| 4+200 | 6.70 | 6.70 | 20.00 | 0.20 | 26.80 | LD | Colectora |
| 4+220 | 6.80 | 6.75 | 20.00 | 0.20 | 27.00 | LD | Colectora |
| 4+240 | 6.80 | 6.80 | 20.00 | 0.20 | 27.20 | LD | Colectora |
| 4+260 | 6.80 | 6.80 | 20.00 | 0.20 | 27.20 | LD | Colectora |
| 4+280 | 6.50 | 6.65 | 20.00 | 0.20 | 26.60 | LD | Colectora |
| **colectora paq simple** | | | | | | | |
| 2+800 | 10.44 | | | | | | Calzada |
| 2+820 | 10.24 | 10.34 | 20.00 | 0.20 | 41.36 | LI | Calzada |
| 2+845 | 10.45 | 10.35 | 25.00 | 0.20 | 51.73 | LI | Calzada |
| Puente Ytay | | | | | | | |
| 2+805 | 10.98 | | | | | LI | Calzada |
| 2+980 | 10.98 | 10.98 | 175.00 | 0.20 | 384.30 | LI | Calzada |
| 3+000 | 10.99 | 10.99 | 20.00 | 0.20 | 43.94 | LI | Calzada |
| 3+020 | 10.93 | 10.96 | 20.00 | 0.20 | 43.84 | LI | Calzada |
| 3+037.57 | 10.93 | 10.93 | 17.57 | 0.20 | 38.41 | LI | Calzada |
| Puente Alliviadero | | | | | | | |
| 3+050.22 | 11.04 | | | | | LI | Calzada |
| 3+060 | 11.00 | 11.02 | 9.78 | 0.20 | 21.56 | LI | Calzada |
| 3+080 | 13.63 | 12.32 | 20.00 | 0.20 | 49.26 | LI | Calzada |
| 3+100 | 10.47 | 12.05 | 20.00 | 0.20 | 48.20 | LI | Calzada |
| 3+120 | 10.55 | 10.51 | 20.00 | 0.20 | 42.04 | LI | Calzada |
| 3+140 | 8.38 | 9.47 | 20.00 | 0.20 | 37.86 | LI | Calzada |
| 3+160 | 8.68 | 8.53 | 20.00 | 0.20 | 34.12 | LI | Calzada |
| 3+180 | 9.57 | 9.13 | 20.00 | 0.20 | 36.50 | LI | Calzada |
| 3+200 | 9.53 | 9.55 | 20.00 | 0.20 | 38.20 | LI | Calzada |
| 3+220 | 9.27 | 9.40 | 20.00 | 0.20 | 37.60 | LI | Calzada |
| 3+240 | 8.60 | 8.94 | 20.00 | 0.20 | 35.74 | LI | Calzada |
| 3+260 | 8.90 | 8.75 | 20.00 | 0.20 | 35.00 | LI | Calzada |
| 3+280 | 8.71 | 8.81 | 20.00 | 0.20 | 35.22 | LI | Calzada |
| 3+300 | 8.52 | 8.62 | 20.00 | 0.20 | 34.46 | LI | Calzada |
| 3+320 | 8.34 | 8.43 | 20.00 | 0.20 | 33.72 | LI | Calzada |
| 3+340 | 8.16 | 8.25 | 20.00 | 0.20 | 33.00 | LI | Calzada |
| 3+360 | 7.97 | 8.07 | 20.00 | 0.20 | 32.26 | LI | Calzada |
| 3+380 | 7.80 | 7.89 | 20.00 | 0.20 | 31.54 | LI | Calzada |
| 3+400 | 7.68 | 7.74 | 20.00 | 0.20 | 30.96 | LI | Calzada |
| 3+420 | 7.40 | 7.54 | 20.00 | 0.20 | 30.16 | LI | Calzada |
| 3+440 | 7.40 | 7.40 | 20.00 | 0.20 | 29.60 | LI | Calzada |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5+060 | 10.65 | 10.65 | 20.00 | 0.20 | 42.60 | LD | Calzada |
| 5+080 | 10.65 | 10.65 | 20.00 | 0.20 | 42.60 | LD | Calzada |
| 5+100 | 10.65 | 10.65 | 20.00 | 0.20 | 42.60 | LD | Calzada |
| 5+120 | 10.65 | 10.65 | 20.00 | 0.20 | 42.60 | LD | Calzada |
| 5+200 | 10.70 | 10.68 | 80.00 | 0.20 | 170.80 | LD | Calzada |
| 5+220 | 10.30 | 10.50 | 20.00 | 0.20 | 42.00 | LD | Calzada |
| 5+240 | 9.39 | 9.85 | 20.00 | 0.20 | 39.38 | LD | Calzada |
| 5+260 | 8.53 | 8.96 | 20.00 | 0.20 | 35.84 | LD | Calzada |
| 5+280 | 8.70 | 8.62 | 20.00 | 0.20 | 34.46 | LD | Calzada |
| 5+300 | 8.70 | 8.70 | 20.00 | 0.20 | 34.80 | LD | Calzada |
| | | | | | | | |
| 4+920 | 5.47 | | | | | LD | Acceso a Limpio |
| 4+940 | 6.75 | 6.11 | 20.00 | 0.20 | 24.44 | LD | Acceso a Limpio |
| 4+960 | 8.20 | 7.48 | 20.00 | 0.20 | 29.90 | LD | Acceso a Limpio |
| 5+160 | 8.20 | 8.20 | 200.00 | 0.20 | 328.00 | LD | Acceso a Limpio |
| 5+180 | 8.34 | 8.27 | 20.00 | 0.20 | 33.08 | LD | Acceso a Limpio |
| 5+200 | 9.18 | 8.76 | 20.00 | 0.20 | 35.04 | LD | Acceso a Limpio |
| 5+220 | 7.66 | 8.42 | 20.00 | 0.20 | 33.68 | LD | Acceso a Limpio |
| 5+240 | 7.66 | 7.66 | 20.00 | 0.20 | 30.64 | LD | Acceso a Limpio |
| 5+260 | 7.66 | 7.66 | 20.00 | 0.20 | 30.64 | LD | Acceso a Limpio |
| 5+265 | 7.66 | 7.66 | 5.00 | 0.20 | 7.66 | LD | Acceso a Limpio |
| | | | | | | | |
| Rotonda 5+200 a 5260 | 1314.99 | | | 0.20 | 263.00 | LD | Lado Mariano |
| | | | | | | | |
| 5+265 | 9.67 | | | | | | |
| 5+280 | 10.00 | 9.84 | 15.00 | 0.20 | 29.51 | LD | Acceso a Limpio |
| 5+300 | 10.05 | 10.03 | 20.00 | 0.20 | 40.10 | LD | Acceso a Limpio |
| 5+320 | 9.72 | 9.89 | 20.00 | 0.20 | 39.54 | LD | Acceso a Limpio |
| 5+340 | 8.99 | 9.36 | 20.00 | 0.20 | 37.42 | LD | Acceso a Limpio |
| 5+360 | 7.88 | 8.44 | 20.00 | 0.20 | 33.74 | LD | Acceso a Limpio |
| 5+380 | 8.93 | 8.41 | 20.00 | 0.20 | 33.62 | LD | Acceso a Limpio |
| 5+400 | 9.73 | 9.33 | 20.00 | 0.20 | 37.32 | LD | Acceso a Limpio |
| empalme | | | | | | | |
| 5+400 | 6.00 | | | | | | |
| 5+420 | 6.00 | 6.00 | 20.00 | 0.20 | 24.00 | LD | Acceso a Limpio |
| 5+440 | 4.91 | 5.46 | 20.00 | 0.20 | 21.82 | LD | Acceso a Limpio |
| 5+460 | 4.62 | 4.77 | 20.00 | 0.20 | 19.06 | LD | Acceso a Limpio |
| | | | | | | | |
| 2+800 | 8.00 | | | | | LD | Colectora |
| 2+820 | 8.00 | 8.00 | 20.00 | 0.20 | 32.00 | LD | Colectora |
| 2+850 | 8.00 | 8.00 | 30.00 | 0.20 | 48.00 | LD | Colectora |
| | | | | | | | |
| 2+910 | 7.86 | | | | | LD | Colectora |
| 2+920 | 7.87 | 7.87 | 10.00 | 0.20 | 15.73 | LD | Colectora |
| 2+940 | 7.77 | 7.82 | 20.00 | 0.20 | 31.28 | LD | Colectora |
| 2+960 | 7.69 | 7.73 | 20.00 | 0.20 | 30.92 | LD | Colectora |
| 2+980 | 7.60 | 7.65 | 20.00 | 0.20 | 30.58 | LD | Colectora |
| 3+000 | 7.56 | 7.58 | 20.00 | 0.20 | 30.32 | LD | Colectora |
| 3+020 | 7.59 | 7.58 | 20.00 | 0.20 | 30.30 | LD | Colectora |
| 3+034 | 7.59 | 7.59 | 14.00 | 0.20 | 21.25 | LD | Colectora |
| Puente Aliviadero | | | | | | | |
| 3+052 | 6.00 | | | | | | |
| 3+060 | 6.91 | 6.46 | 8.00 | 0.20 | 10.33 | LD | Colectora |
| 3+080 | 6.24 | 6.58 | 20.00 | 0.20 | 26.30 | LD | Colectora |
| 3+100 | 5.93 | 6.09 | 20.00 | 0.20 | 24.34 | LD | Colectora |
| 3+120 | 6.04 | 5.99 | 20.00 | 0.20 | 23.94 | LD | Colectora |
| 3+140 | 6.34 | 6.19 | 20.00 | 0.20 | 24.76 | LD | Colectora |
| 3+160 | 7.35 | 6.85 | 20.00 | 0.20 | 27.38 | LD | Colectora |
| 3+180 | 8.35 | 7.85 | 20.00 | 0.20 | 31.40 | LD | Colectora |
| | | | | | | | |
| 3+180 | 1.15 | | | | | LD | Colectora |
| 3+200 | 3.17 | 2.16 | 20.00 | 0.20 | 8.64 | LD | Colectora |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3+640 | | 9.00 | 9.00 | 20.00 | 0.20 | 36.00 | LD | Calzada |
| 3+660 | | 8.79 | 8.90 | 20.00 | 0.20 | 35.58 | LD | Calzada |
| 3+680 | | 9.00 | 8.90 | 20.00 | 0.20 | 35.58 | LD | Calzada |
| 3+700 | | 9.00 | 9.00 | 20.00 | 0.20 | 36.00 | LD | Calzada |
| 3+720 | | 9.04 | 9.02 | 20.00 | 0.20 | 36.08 | LD | Calzada |
| 3+740 | | 9.20 | 9.12 | 20.00 | 0.20 | 36.48 | LD | Calzada |
| 3+760 | | 9.20 | 9.20 | 20.00 | 0.20 | 36.80 | LD | Calzada |
| | | | | | | | | |
| 3+760 | | 8.00 | | | | | | |
| 3+940 | | 8.00 | 8.00 | 180.00 | 0.20 | 288.00 | LD | Calzada |
| 3+960 | | 8.50 | 8.25 | 20.00 | 0.20 | 33.00 | LD | Calzada |
| 3+970 | | 8.50 | 8.50 | 10.00 | 0.20 | 17.00 | LD | Calzada |
| | | | | | | | | |
| Retorno 4+000 | | 19.00 | | | | | | |
| Retorno 4+000 | | 19.00 | 19.00 | 9.15 | 0.20 | 34.77 | LD | Bajo Viaducto |
| Retorno 4+000 | | 23.00 | 21.00 | 9.55 | 0.20 | 40.11 | LD | Bajo Viaducto |
| | | | | | | | | |
| 4+000 | | 8.00 | | | | | | |
| 4+140 | | 8.00 | 8.00 | 140.00 | 0.20 | 224.00 | LD | Calzada |
| 4+160 | | 9.50 | 8.75 | 20.00 | 0.20 | 35.00 | LD | Calzada |
| 4+180 | | 9.50 | 9.50 | 20.00 | 0.20 | 38.00 | LD | Calzada |
| 4+200 | | 9.20 | 9.35 | 20.00 | 0.20 | 37.40 | LD | Calzada |
| 4+220 | | 10.05 | 9.63 | 20.00 | 0.20 | 38.50 | LD | Calzada |
| Empalme | | | | | | | | |
| 4+220 | | 10.05 | | | | | LD | Calzada |
| 4+240 | | 10.05 | 10.05 | 20.00 | 0.20 | 40.20 | LD | Calzada |
| 4+260 | | 10.21 | 10.13 | 20.00 | 0.20 | 40.52 | LD | Calzada |
| 4+280 | | 10.21 | 10.21 | 20.00 | 0.20 | 40.84 | LD | Calzada |
| Empalme | | | | | | | | |
| 4+280 | | 10.21 | | | | | LD | Calzada |
| 4+300 | | 10.21 | 10.21 | 20.00 | 0.20 | 40.84 | LD | Calzada |
| 4+320 | | 9.65 | 9.93 | 20.00 | 0.20 | 39.72 | LD | Calzada |
| 4+340 | | 9.35 | 9.50 | 20.00 | 0.20 | 38.00 | LD | Calzada |
| 4+460 | | 9.35 | 9.35 | 120.00 | 0.20 | 224.40 | LD | Calzada |
| Empalme | | | | | | | | |
| 4+460 | | 9.26 | | | | | LD | Calzada |
| 4+480 | | 7.73 | 8.50 | 20.00 | 0.20 | 0.00 | LD | Calzada |
| 4+500 | | 8.00 | 7.87 | 20.00 | 0.20 | 31.46 | LD | Calzada |
| 4+520 | | 8.30 | 8.15 | 20.00 | 0.20 | 0.00 | LD | Calzada |
| 4+535.80 | | 8.30 | 8.30 | 15.80 | 0.20 | 26.23 | LD | Calzada |
| Puente Damián | | | | | | | | |
| 4+580 | | 8.20 | | | | | | |
| 4+600 | | 8.92 | 8.56 | 20.00 | 0.20 | 34.24 | LD | Calzada |
| 4+620 | | 10.63 | 9.78 | 20.00 | 0.20 | 39.10 | LD | Calzada |
| 4+640 | | 12.83 | 11.73 | 20.00 | 0.20 | 46.92 | LD | Calzada |
| 4+660 | | 11.40 | 12.12 | 20.00 | 0.20 | 48.46 | LD | Calzada |
| 4+680 | | 9.18 | 10.29 | 20.00 | 0.20 | 41.16 | LD | Calzada |
| 4+700 | | 9.58 | 9.38 | 20.00 | 0.20 | 37.52 | LD | Calzada |
| 4+720 | | 9.95 | 9.77 | 20.00 | 0.20 | 39.06 | LD | Calzada |
| 4+740 | | 10.70 | 10.33 | 20.00 | 0.20 | 41.30 | LD | Calzada |
| 4+890 | | 10.70 | 10.70 | 150.00 | 0.20 | 321.00 | LD | Calzada |
| 4+900 | | 10.70 | 10.70 | 10.00 | 0.20 | 21.40 | LD | Calzada |
| empalme | | | | | | | | |
| 4+900 | | 10.70 | | | | | LD | Calzada |
| 4+940 | | 10.70 | 10.70 | 40.00 | 0.20 | 85.60 | LD | Calzada |
| EMPALME | | | | | | | | |
| 4+940 | | 9.00 | | | | | | |
| 4+960 | | 9.00 | 9.00 | 20.00 | 0.20 | 36.00 | LD | Calzada |
| 4+980 | | 10.65 | 9.83 | 20.00 | 0.20 | 39.30 | LD | Calzada |
| 5+000 | | 10.65 | 10.65 | 20.00 | 0.20 | 42.60 | LD | Calzada |
| 5+020 | | 10.65 | 10.65 | 20.00 | 0.20 | 42.60 | LD | Calzada |
| 5+040 | | 10.65 | 10.65 | 20.00 | 0.20 | 42.60 | LD | Calzada |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0+010 | 0.2 | 10.00 | 10.00 | 10.00 | | 20.00 | Rotonda | |
| 0+020 | 0.2 | 10.00 | 10.00 | 10.00 | | 20.00 | Rotonda | |
| 0+030 | 0.2 | 10.00 | 10.00 | 10.00 | | 20.00 | Rotonda | |
| 0+040 | 0.2 | 10.00 | 10.00 | 10.00 | | 20.00 | Rotonda | |
| | | | | | | | | |
| 0+143 | 0.2 | 1.30 | | | | | | |
| 0+161 | 0.2 | 4.00 | 2.65 | 25.00 | | 13.25 | Rotonda | según medicion |
| | | | | | | | | |
| 0+170 | 0.2 | 10.00 | | | | | Rotonda | |
| 0+180 | 0.2 | 10.00 | 10.00 | 10.00 | | 20.00 | Rotonda | |
| 0+190 | 0.2 | 10.00 | 10.00 | 10.00 | | 20.00 | Rotonda | |
| 0+195 | 0.2 | 10.00 | 10.00 | 5.00 | | 10.00 | Rotonda | |
| 0+200 | 0.2 | 5.30 | 7.65 | 5.00 | | 7.65 | Rotonda | |
| 0+205 | 0.2 | 2.50 | 3.90 | 5.00 | | 3.90 | Rotonda | |
| 0+210 | 0.2 | 0.50 | 1.50 | 5.00 | | 1.50 | Rotonda | |
| | | | | | | | | |
| 0+255 | 0.2 | 0.00 | | | | | | |
| 0+260 | 0.2 | 0.50 | 0.25 | 5.00 | | 0.25 | Rotonda | |
| 0+270 | 0.2 | 3.60 | 2.05 | 10.00 | | 4.10 | Rotonda | |
| 0+277.50 | 0.2 | 10.00 | 6.80 | 7.50 | | 10.20 | Rotonda | |
| | | | | | | | | |
| 2+600 | 0.20 | 40.00 | 9.50 | ıgún medicion | | 76.00 | Colectora LI y Bajo Viaducto E1 | |
| | | | | | | | | |
| 2+600 | 0.20 | 40.50 | 9.00 | ıgún medicion | | 72.90 | Colectora LI y Bajo Viaducto E2 | |
| | | | | | | | | |
| 2+240 | 0.20 | 9.00 | 9.00 | 13.00 | | 23.40 | Boca Calle | LD |
| | | | | | | | | |
| 2+600 | 0.20 | 10.67 | 10.67 | 8.50 | | 18.13 | Boca Calle | LD |
| | | | | | | | | |
| -0+010 | 0.20 | 14.00 | 14.00 | 10.00 | | 28.00 | Boca Calle | LD |
| | | | | | | | | |
| **Subtotal Frente 1** | | | | | | **12,628.08** | | |
| | | | | | | | | |
| 2+800 | | 9.00 | | | | | LD | Calzada |
| 2+820 | | 9.80 | 9.40 | 20.00 | 0.20 | 37.60 | LD | Calzada |
| 2+850 | | 9.80 | 9.80 | 30.00 | 0.20 | 58.80 | LD | Calzada |
| Puente Itay | Zona Puente Itay | | | | | | | |
| 2+910 | | 9.20 | | | | | LD | Calzada |
| 3+033 | | 9.20 | 9.20 | 123.00 | 0.20 | 226.32 | LD | Calzada |
| Puente Sobre Aliviadero | | | | | | | | |
| 3+055 | | 9.39 | | | | | LD | Calzada |
| 3+100 | | 9.39 | 9.39 | 45.00 | 0.20 | 84.51 | LD | Calzada |
| 3+120 | | 8.68 | 9.04 | 20.00 | 0.20 | 36.14 | LD | Calzada |
| 3+180 | | 8.68 | 8.68 | 60.00 | 0.20 | 104.16 | LD | Calzada |
| 3+200 | | 8.00 | 8.34 | 20.00 | 0.20 | 33.36 | LD | Calzada |
| 3+220 | | 6.00 | 7.00 | 20.00 | 0.20 | 28.00 | LD | Calzada |
| Empalme | | | | | | | | |
| 3+220 | | 11.18 | | | | | | |
| 3+240 | | 11.18 | 11.18 | 20.00 | 0.20 | 44.72 | LD | Calzada |
| 3+380 | | 11.18 | 11.18 | 140.00 | 0.20 | 313.04 | LD | Calzada |
| 3+400 | | 11.18 | 11.18 | 20.00 | 0.20 | 44.72 | LD | Calzada |
| 3+420 | | 11.18 | 11.18 | 20.00 | 0.20 | 44.72 | LD | Calzada |
| 3+440 | | 11.18 | 11.18 | 20.00 | 0.20 | 44.72 | LD | Calzada |
| 3+460 | | 10.40 | 10.79 | 20.00 | 0.20 | 43.16 | LD | Calzada |
| 3+480 | | 10.40 | 10.40 | 20.00 | 0.20 | 41.60 | LD | Calzada |
| 3+500 | | 9.83 | 10.12 | 20.00 | 0.20 | 40.46 | LD | Calzada |
| 3+503.50 | | 9.83 | 9.83 | 3.50 | 0.20 | 6.88 | LD | Calzada |
| | | | | | | | | |
| 3+503.50 | | 9.05 | | | | | LD | Calzada |
| 3+520 | | 9.05 | 9.05 | 16.5 | 0.20 | 29.87 | LD | Calzada |
| 3+540 | | 9.05 | 9.05 | 20.00 | 0.20 | 36.20 | LD | Calzada |
| 3+560 | | 9.05 | 9.05 | 20.00 | 0.20 | 36.20 | LD | Calzada |
| 3+580 | | 9.16 | 9.11 | 20.00 | 0.20 | 36.42 | LD | Calzada |
| 3+600 | | 9.15 | 9.16 | 20.00 | 0.20 | 36.62 | LD | Calzada |
| 3+620 | | 9.00 | 9.08 | 20.00 | 0.20 | 36.30 | LD | Calzada |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

## COMPUTO METRICO

### CONVENIO MODIFICATORIO N° 5

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| -0+030 | 6.15 | 6.00 | 10.00 | 0.20 | | 12.00 | COL. IZQ | LI | |
| -0+020 | 6.65 | 6.40 | 10.00 | 0.20 | | 12.80 | COL. IZQ | LI | |
| -0+010 | 6.95 | 6.80 | 10.00 | 0.20 | | 13.60 | COL. IZQ | LI | |
| 0+000 | 7.05 | 7.00 | 10.00 | 0.20 | | 14.00 | COL. IZQ | LI | |
| 0+010 | 7.35 | 7.20 | 10.00 | 0.20 | | 14.40 | COL. IZQ | LI | |
| 0+120 | 7.35 | 7.35 | 110.00 | 0.20 | | 161.70 | COL. IZQ | LI | |
| | | | | | | | | | |
| 0+048 | 3.50 | | | | | | Acc de Pte Rem | LI | Pr 120 = Pr 0 |
| 0+050 | 3.50 | 3.50 | 2.40 | 0.20 | | 1.68 | Acc de Pte Rem | LI | |
| 0+060 | 3.50 | 3.50 | 10.00 | 0.20 | | 7.00 | Acc de Pte Rem | LI | |
| 0+070 | 2.50 | 3.00 | 10.00 | 0.20 | | 6.00 | Acc de Pte Rem | LI | |
| 0+080 | 3.00 | 2.75 | 10.00 | 0.20 | | 5.50 | Acc de Pte Rem | LI | |
| 0+090 | 3.00 | 3.00 | 10.00 | 0.20 | | 6.00 | Acc de Pte Rem | LI | |
| 0+100 | 3.20 | 3.10 | 10.00 | 0.20 | | 6.20 | Acc de Pte Rem | LI | |
| 0+110 | 2.20 | 2.70 | 10.00 | 0.20 | | 5.40 | Acc de Pte Rem | LI | |
| 0+114 | 1.50 | 1.85 | 4.00 | 0.20 | | 1.48 | Acc de Pte Rem | LI | |
| | | | | | | | | | |
| 0+040 | 5.85 | | | | | | Acc de Pte Rem | LI | Pr 0 = Pr 240 |
| 0+050 | 3.95 | 4.90 | 10.00 | 0.20 | | 9.80 | Acc de Pte Rem | LI | |
| 0+060 | 3.05 | 3.50 | 10.00 | 0.20 | | 7.00 | Acc de Pte Rem | LI | |
| 0+065 | 1.45 | 2.25 | 5.00 | 0.20 | | 2.25 | Acc de Pte Rem | LI | |
| | | | | | | | | | |
| 0+240 | 7.53 | | | | | | COL. IZQ | LI | |
| 0+250 | 7.55 | 7.54 | 10.00 | 0.20 | | 15.08 | COL. IZQ | LI | |
| 0+260 | 7.75 | 7.65 | 10.00 | 0.20 | | 15.30 | COL. IZQ | LI | |
| 0+270 | 7.55 | 7.65 | 10.00 | 0.20 | | 15.30 | COL. IZQ | LI | |
| 0+280 | 8.15 | 7.85 | 10.00 | 0.20 | | 15.70 | COL. IZQ | LI | |
| 0+290 | 7.55 | 7.85 | 10.00 | 0.20 | | 15.70 | COL. IZQ | LI | |
| 0+330 | 7.55 | 7.55 | 40.00 | 0.20 | | 60.40 | COL. IZQ | LI | |
| 0+340 | 8.60 | 8.08 | 10.00 | 0.20 | | 16.15 | COL. IZQ | LI | |
| 0+350 | 7.55 | 8.08 | 10.00 | 0.20 | | 16.15 | COL. IZQ | LI | |
| 0+360 | 9.73 | 8.64 | 10.00 | 0.20 | | 17.28 | COL. IZQ | LI | |
| 0+370 | 10.42 | 10.08 | 10.00 | 0.20 | | 20.15 | COL. IZQ | LI | |
| 0+378 | 11.70 | 11.06 | 7.76 | 0.20 | | 17.17 | COL. IZQ | LI | |
| | | | | | | | | | |
| 0+378 | 5.45 | | | | | | COL. IZQ | LI | |
| 0+390 | 5.50 | 5.48 | 12.24 | 0.20 | | 13.40 | COL. IZQ | LI | |
| | | | | | | | | | |
| 2+160 | 5.50 | | | | | | COL. IZQ | LI | |
| 2+170 | 6.40 | 5.95 | 10.00 | 0.20 | | 11.90 | COL. IZQ | LI | |
| 2+180 | 7.20 | 6.80 | 10.00 | 0.20 | | 13.60 | COL. IZQ | LI | |
| 2+280 | 7.20 | 7.20 | 100.00 | 0.20 | | 144.00 | COL. IZQ | LI | |
| | | | | | | | | | |
| 2+280 | 6.00 | | | | | | COL. IZQ | LI | |
| 2+420 | 6.00 | 6.00 | 140.00 | 0.20 | | 168.00 | COL. IZQ | LI | |
| 2+440 | 6.00 | 6.00 | 20.00 | 0.20 | | 24.00 | COL. IZQ | LI | |
| 2+460 | 7.00 | 6.50 | 20.00 | 0.20 | | 26.00 | COL. IZQ | LI | |
| 2+465 | 7.00 | 7.00 | 5.00 | 0.20 | | 7.00 | COL. IZQ | LI | |
| 2+480 | 9.00 | 8.00 | 15.00 | 0.20 | | 24.00 | COL. IZQ | LI | |
| 2+500 | 9.50 | 9.25 | 20.00 | 0.20 | | 37.00 | COL. IZQ | LI | |
| 2+520 | 9.50 | 9.50 | 20.00 | 0.20 | | 38.00 | COL. IZQ | LI | |
| 2+590 | 9.50 | 9.50 | 70.00 | 0.20 | | 133.00 | COL. IZQ | LI | |
| Bajo retorno | | | | | | | | | |
| 2+613 | 7.50 | | | | | | COL. IZQ | LI | |
| 2+630 | 6.80 | 7.15 | 17.00 | 0.20 | | 24.31 | COL. IZQ | LI | |
| 2+640 | 6.00 | 6.40 | 10.00 | 0.20 | | 12.80 | COL. IZQ | LI | |
| 2+660 | 5.50 | 5.75 | 20.00 | 0.20 | | 23.00 | COL. IZQ | LI | |
| 2+680 | 5.52 | 5.51 | 20.00 | 0.20 | | 22.04 | COL. IZQ | LI | |
| 2+700 | 5.54 | 5.53 | 20.00 | 0.20 | | 22.12 | COL. IZQ | LI | |
| 2+720 | 5.10 | 5.32 | 20.00 | 0.20 | | 21.28 | COL. IZQ | LI | |
| 2+740 | 3.76 | 4.43 | 20.00 | 0.20 | | 17.72 | COL. IZQ | LI | |
| 2+750 | 3.67 | 3.72 | 10.00 | 0.20 | | 7.43 | COL. IZQ | LI | |
| | | | | | | | | | |
| 0+010 | 0.2 | 12.00 | | | | | Acc a Pto Remanso | LI | |
| 0+020 | 0.2 | 12.00 | 12.00 | 10.00 | | 24.00 | Acc a Pto Remanso | LI | |
| 0+030 | 0.2 | 10.80 | 11.40 | 10.00 | | 22.80 | Acc a Pto Remanso | LI | |
| 0+040 | 0.2 | 5.80 | 8.30 | 10.00 | | 16.60 | Acc a Pto Remanso | LI | |
| | | | | | | | | | |
| +220 = 0+000 retorn | 0.2 | 10.00 | | | | | | | |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1+480 | 7.70 | 7.35 | 20.00 | 0.20 | | 29.40 | Calzada LI | Intercambiador |
| 1+500 | 7.70 | 7.70 | 20.00 | 0.20 | | 30.80 | Calzada LI | Intercambiador |
| 1+510 | 7.70 | 7.70 | 10.00 | 0.20 | | 15.40 | Calzada LI | Intercambiador |
| | | | | | | | | |
| 1+510 | 10.85 | | | | | | Calzada LI | |
| 1+520 | 10.50 | 10.68 | 10.00 | 0.20 | | 21.35 | Calzada LI | |
| 1+530 | 10.30 | 10.40 | 10.00 | 0.20 | | 20.80 | Calzada LI | |
| 1+540 | 10.30 | 10.30 | 10.00 | 0.20 | | 20.60 | Calzada LI | |
| 1+560 | 10.30 | 10.30 | 20.00 | 0.20 | | 41.20 | Calzada LI | |
| 1+570 | 10.20 | 10.25 | 10.00 | 0.20 | | 20.50 | Calzada LI | |
| 1+580 | 9.80 | 10.00 | 10.00 | 0.20 | | 20.00 | Calzada LI | |
| 1+590 | 9.35 | 9.58 | 10.00 | 0.20 | | 19.15 | Calzada LI | |
| 1+680 | 9.35 | 9.35 | 90.00 | 0.20 | | 168.30 | Calzada LI | |
| 1+700 | 7.50 | 8.43 | 20.00 | 0.20 | | 33.70 | Calzada LI | |
| 1+740 | 7.50 | 7.50 | 40.00 | 0.20 | | 60.00 | Calzada LI | |
| 1+750 | 7.00 | 7.25 | 10.00 | 0.20 | | 14.50 | Calzada LI | |
| 1+910 | 7.00 | 7.00 | 160.00 | 0.20 | | 224.00 | Calzada LI | |
| | | | | | | | | |
| 1+910 | 10.50 | | | | | | Calzada LI | |
| 1+920 | 11.80 | 11.15 | 10.00 | 0.20 | | 22.30 | Calzada LI | |
| 1+940 | 11.80 | 11.80 | 20.00 | 0.20 | | 47.20 | Calzada LI | |
| 1+950 | 11.40 | 11.60 | 10.00 | 0.20 | | 23.20 | Calzada LI | |
| 1+960 | 10.95 | 11.18 | 10.00 | 0.20 | | 22.35 | Calzada LI | |
| 1+970 | 10.25 | 10.60 | 10.00 | 0.20 | | 21.20 | Calzada LI | |
| 1+980 | 9.50 | 9.88 | 10.00 | 0.20 | | 19.75 | Calzada LI | |
| 1+990 | 9.00 | 9.25 | 10.00 | 0.20 | | 18.50 | Calzada LI | |
| 2+000 | 8.50 | 8.75 | 10.00 | 0.20 | | 17.50 | Calzada LI | |
| 2+020 | 8.50 | 8.50 | 20.00 | 0.20 | | 34.00 | Calzada LI | |
| 2+030 | 9.00 | 8.75 | 10.00 | 0.20 | | 17.50 | Calzada LI | |
| 2+040 | 9.40 | 9.20 | 10.00 | 0.20 | | 18.40 | Calzada LI | |
| 2+050 | 10.00 | 9.70 | 10.00 | 0.20 | | 19.40 | Calzada LI | |
| 2+060 | 10.50 | 10.25 | 10.00 | 0.20 | | 20.50 | Calzada LI | |
| 2+100 | 10.50 | 10.50 | 40.00 | 0.20 | | 84.00 | Calzada LI | |
| 2+110 | 10.70 | 10.60 | 10.00 | 0.20 | | 21.20 | Calzada LI | |
| 2+120 | 10.80 | 10.75 | 10.00 | 0.20 | | 21.50 | Calzada LI | |
| 2+130 | 11.80 | 11.30 | 10.00 | 0.20 | | 22.60 | Calzada LI | |
| 2+140 | 12.70 | 12.25 | 10.00 | 0.20 | | 24.50 | Calzada LI | |
| 2+150 | 13.50 | 13.10 | 10.00 | 0.20 | | 26.20 | Calzada LI | |
| 2+160 | 14.50 | 14.00 | 10.00 | 0.20 | | 28.00 | Calzada LI | |
| | | | | | | | | |
| 2+160 | 9.00 | | | | | | Calzada LI | |
| 2+483 | 9.00 | 9.00 | 323.00 | 0.20 | | 581.40 | Calzada LI | |
| | | | | | | | | |
| 2+483 | 8.00 | | | | | | Calzada LI | |
| 2+590 | 8.00 | 8.00 | 107.00 | 0.20 | | 171.20 | Calzada LI | |
| Vladucto Retorno | | | | | | | | |
| 2+615 | 8.00 | | | | | | Calzada LI | |
| 2+640 | 8.00 | 8.00 | 25.00 | 0.20 | | 40.00 | Calzada LI | |
| 2+650 | 8.50 | 8.25 | 10.00 | 0.20 | | 16.50 | Calzada LI | |
| 2+700 | 8.50 | 8.50 | 50.00 | 0.20 | | 85.00 | Calzada LI | |
| 2+710 | 8.20 | 8.35 | 10.00 | 0.20 | | 16.70 | Calzada LI | |
| 2+720 | 8.00 | 8.10 | 10.00 | 0.20 | | 16.20 | Calzada LI | |
| 2+740 | 8.00 | 8.00 | 20.00 | 0.20 | | 32.00 | Calzada LI | |
| 2+750 | 7.50 | 7.75 | 10.00 | 0.20 | | 15.50 | Calzada LI | |
| | | | | | | | | |
| 2+750 | 11.00 | | | | | | Calzada LI | |
| 2+760 | 10.60 | 10.80 | 10.00 | 0.20 | | 21.60 | Calzada LI | |
| 2+780 | 9.82 | 10.21 | 20.00 | 0.20 | | 40.84 | Calzada LI | |
| 2+800 | 9.60 | 9.71 | 20.00 | 0.20 | | 38.84 | Calzada LI | |
| | | | | | | | | |
| -0+120 | 2.05 | | | | | | COL. IZQ | LI |
| -0+110 | 2.55 | 2.30 | 10.00 | 0.20 | | 4.60 | COL. IZQ | LI |
| -0+100 | 3.05 | 2.80 | 10.00 | 0.20 | | 5.60 | COL. IZQ | LI |
| -0+090 | 3.55 | 3.30 | 10.00 | 0.20 | | 6.60 | COL. IZQ | LI |
| -0+080 | 4.05 | 3.80 | 10.00 | 0.20 | | 7.60 | COL. IZQ | LI |
| -0+070 | 4.55 | 4.30 | 10.00 | 0.20 | | 8.60 | COL. IZQ | LI |
| -0+060 | 4.95 | 4.75 | 10.00 | 0.20 | | 9.50 | COL. IZQ | LI |
| -0+050 | 5.35 | 5.15 | 10.00 | 0.20 | | 10.30 | COL. IZQ | LI |
| -0+040 | 5.85 | 5.60 | 10.00 | 0.20 | | 11.20 | COL. IZQ | LI |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 2+217 | 6.70 | | | | | | COL. DER. | |
| 2+235 | 6.56 | 6.63 | 18.00 | 0.20 | | 23.86 | COL. DER. | |
| 2+260 | 6.00 | 6.28 | 25.00 | 0.20 | | 31.39 | COL. DER. | |
| 2+270 | 6.85 | 6.43 | 10.00 | 0.20 | | 12.85 | COL. DER. | |
| 2+400 | 6.85 | 6.85 | 130.00 | 0.20 | | 178.10 | COL. DER. | |
| | | | | | | | | |
| 2+400 | 6.00 | | | | | | COL. DER. | |
| 2+540 | 6.00 | 6.00 | 140.00 | 0.20 | | 168.00 | COL. DER. | |
| 2+560 | 6.32 | 6.16 | 20.00 | 0.20 | | 24.64 | COL. DER. | |
| 2+575 | 6.30 | 6.31 | 15.00 | 0.20 | | 18.93 | COL. DER. | |
| 2+580 | 6.36 | 6.33 | 5.00 | 0.20 | | 6.33 | COL. DER. | |
| | | | | | | | | |
| 2+580 | 6.36 | | | | | | COL. DER. | Viaducto Retorno |
| 2+590 | 8.98 | 7.67 | 10.00 | 0.20 | | 15.34 | COL. DER. | Viaducto Retorno |
| 2+600 | 11.61 | 10.30 | 10.00 | 0.20 | | 20.59 | COL. DER. | Viaducto Retorno |
| 2+610 | 9.65 | 10.63 | 10.00 | 0.20 | | 21.26 | COL. DER. | Viaducto Retorno |
| 2+620 | 7.70 | 8.68 | 10.00 | 0.20 | | 17.35 | COL. DER. | Viaducto Retorno |
| | | | | | | | | |
| 2+620 | 7.70 | | | | | | COL. DER. | |
| 2+630 | 6.92 | 7.31 | 10.00 | 0.20 | | 14.62 | COL. DER. | |
| 2+640 | 6.15 | 6.54 | 10.00 | 0.20 | | 13.07 | COL. DER. | |
| 2+660 | 6.00 | 6.08 | 20.00 | 0.20 | | 24.30 | COL. DER. | |
| 2+680 | 6.00 | 6.00 | 20.00 | 0.20 | | 24.00 | COL. DER. | |
| 2+700 | 6.30 | 6.15 | 20.00 | 0.20 | | 24.60 | COL. DER. | |
| 2+720 | 6.65 | 6.48 | 20.00 | 0.20 | | 25.90 | COL. DER. | |
| 2+740 | 6.85 | 6.75 | 20.00 | 0.20 | | 27.00 | COL. DER. | |
| 2+760 | 7.00 | 6.93 | 20.00 | 0.20 | | 27.70 | COL. DER. | |
| 2+780 | 7.15 | 7.08 | 20.00 | 0.20 | | 28.30 | COL. DER. | |
| 2+800 | 7.35 | 7.25 | 20.00 | 0.20 | | 29.00 | COL. DER. | |
| | | | | | | | | |
| -0+010 | 8.40 | | | | | | Calzada LI | Rampa E1 |
| 0+065 | 8.40 | 8.40 | 75.00 | 0.20 | | 126.00 | Calzada LI | Rampa E1 |
| | | | | | | | | |
| 0+315 | 8.40 | | | | | | Calzada LI | Rampa E2 |
| 0+410 | 8.40 | 8.40 | 94.50 | 0.20 | | 158.76 | Calzada LI | Rampa E2 |
| 0+420 | 8.25 | 8.33 | 10.50 | 0.20 | | 17.48 | Calzada LI | |
| 0+440 | 7.46 | 7.86 | 20.00 | 0.20 | | 31.42 | Calzada LI | |
| 0+460 | 7.10 | 7.28 | 20.00 | 0.20 | | 29.12 | Calzada LI | |
| 0+480 | 7.20 | 7.15 | 20.00 | 0.20 | | 28.60 | Calzada LI | |
| 0+508 | 7.15 | 7.18 | 28.00 | 0.20 | | 40.18 | Calzada LI | |
| | | | | | | | | |
| 0+377 | 4.30 | | | | | | Calzada LI | Carril Adicional |
| 0+508 | 4.30 | 4.30 | 131.00 | 0.20 | | 112.66 | Calzada LI | Carril Adicional |
| | | | | | | | | |
| 0+508 | 11.91 | | | | | | Calzada LI | |
| 0+520 | 11.10 | 11.51 | 12.00 | 0.20 | | 27.61 | Calzada LI | |
| 0+540 | 9.32 | 10.21 | 20.00 | 0.20 | | 40.84 | Calzada LI | |
| 0+550 | 9.25 | 9.29 | 10.00 | 0.20 | | 18.57 | Calzada LI | |
| 0+560 | 9.18 | 9.22 | 10.00 | 0.20 | | 18.43 | Calzada LI | |
| 0+650 | 9.18 | 9.18 | 90.00 | 0.20 | | 165.24 | Calzada LI | |
| 0+660 | 9.00 | 9.09 | 10.00 | 0.20 | | 18.18 | Calzada LI | |
| 0+830 | 9.00 | 9.00 | 170.00 | 0.20 | | 306.00 | Calzada LI | |
| | | | | | | | | |
| 0+830 | 9.18 | | | | | | Calzada LI | |
| 0+960 | 9.18 | 9.18 | 130.00 | 0.20 | | 238.68 | Calzada LI | |
| | | | | | | | | |
| 0+960 | 8.70 | | | | | | Calzada LI | |
| 1+020 | 8.70 | 8.70 | 60.00 | 0.20 | | 104.40 | Calzada LI | |
| | | | | | | | | |
| 1+020 | 9.40 | | | | | | Calzada LI | |
| 1+220 | 9.40 | 9.40 | 200.00 | 0.20 | | 376.00 | Calzada LI | |
| | | | | | | | | |
| 1+220 | 9.00 | | | | | | Calzada LI | |
| 1+380 | 9.00 | 9.00 | 160.00 | 0.20 | | 288.00 | Calzada LI | |
| 1+400 | 9.20 | 9.10 | 20.00 | 0.20 | | 36.40 | Calzada LI | |
| 1+456 | 9.20 | 9.20 | 56.00 | 0.20 | | 103.04 | Calzada LI | |
| | | | | | | | | |
| 1+456 | 7.00 | | | | | | Calzada LI | Intercambiador |
| 1+460 | 7.00 | 7.00 | 4.00 | 0.20 | | 5.60 | Calzada LI | Intercambiador |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 2+180 | 16.00 | | | | | | Calzada LD | Itercambiador |
| 2+200 | 16.00 | 16.00 | 20.00 | 0.20 | | 64.00 | Calzada LD | Itercambiador |
| 2+217 | 16.20 | 16.10 | 17.00 | 0.20 | | 54.74 | Calzada LD | Itercambiador |
| Itercambiador | | | | | | | | |
| 2+217 | 7.80 | | | | | | Calzada LD | |
| 2+260 | 8.50 | 8.15 | 43.00 | 0.20 | | 70.09 | Calzada LD | |
| 2+270 | 9.35 | 8.93 | 10.00 | 0.20 | | 17.85 | Calzada LD | |
| 2+400 | 8.50 | 8.93 | 130.00 | 0.20 | | 232.05 | Calzada LD | |
| | | | | | | | | |
| 2+400 | 8.85 | | | | | | Calzada LD | |
| 2+420 | 8.50 | 8.68 | 20.00 | 0.20 | | 34.70 | Calzada LD | |
| 2+440 | 8.55 | 8.53 | 20.00 | 0.20 | | 34.10 | Calzada LD | |
| 2+460 | 8.65 | 8.60 | 20.00 | 0.20 | | 34.40 | Calzada LD | |
| 2+480 | 8.75 | 8.70 | 20.00 | 0.20 | | 34.80 | Calzada LD | |
| 2+490 | 8.00 | 8.38 | 10.00 | 0.20 | | 16.75 | Calzada LD | |
| 2+590 | 8.00 | 8.00 | 100.00 | 0.20 | | 160.00 | Calzada LD | |
| Viaducto Retorno | | | | | | | | |
| 2+615 | 8.30 | | | | | | Calzada LD | |
| 2+620 | 8.30 | 8.30 | 5.00 | 0.20 | | 8.30 | Calzada LD | |
| 2+640 | 8.00 | 8.15 | 20.00 | 0.20 | | 32.60 | Calzada LD | |
| 2+650 | 8.30 | 8.15 | 10.00 | 0.20 | | 16.30 | Calzada LD | |
| 2+660 | 8.50 | 8.40 | 10.00 | 0.20 | | 16.80 | Calzada LD | |
| 2+670 | 8.30 | 8.40 | 10.00 | 0.20 | | 16.80 | Calzada LD | |
| 2+680 | 8.40 | 8.35 | 10.00 | 0.20 | | 16.70 | Calzada LD | |
| 2+690 | 8.50 | 8.45 | 10.00 | 0.20 | | 16.90 | Calzada LD | |
| 2+700 | 8.70 | 8.60 | 10.00 | 0.20 | | 17.20 | Calzada LD | |
| 2+720 | 8.70 | 8.70 | 20.00 | 0.20 | | 34.80 | Calzada LD | |
| 2+730 | 8.80 | 8.75 | 10.00 | 0.20 | | 17.50 | Calzada LD | |
| 2+740 | 9.00 | 8.90 | 10.00 | 0.20 | | 17.80 | Calzada LD | |
| 2+760 | 9.00 | 9.00 | 20.00 | 0.20 | | 36.00 | Calzada LD | |
| 2+780 | 9.00 | 9.00 | 20.00 | 0.20 | | 36.00 | Calzada LD | |
| 2+800 | 9.00 | 9.00 | 20.00 | 0.20 | | 36.00 | Calzada LD | |
| | | | | | | | | |
| -0+030 | 6.60 | | | | | | COL. DER. | |
| -0+020 | 7.00 | 6.80 | 10.00 | 0.20 | | 13.60 | COL. DER. | |
| 0+000 | 7.80 | 7.40 | 20.00 | 0.20 | | 29.60 | COL. DER. | |
| 0+080 | 7.80 | 7.80 | 80.00 | 0.20 | | 124.80 | COL. DER. | |
| 0+100 | 7.00 | 7.40 | 20.00 | 0.20 | | 29.60 | COL. DER. | |
| 0+134 | 7.50 | 7.25 | 34.00 | 0.20 | | 49.30 | COL. DER. | |
| | | | | | | | | |
| 0+134 | 7.00 | | | | | | | Rotonda Pte. Remanso |
| 0+180 | 7.00 | 7.00 | 46.00 | 0.20 | | 64.40 | COL. DER. | Rotonda Pte. Remanso |
| 0+200 | 7.50 | 7.25 | 20.00 | 0.20 | | 29.00 | COL. DER. | Rotonda Pte. Remanso |
| 0+220 | 7.50 | 7.50 | 20.00 | 0.20 | | 30.00 | COL. DER. | Rotonda Pte. Remanso |
| 0+227 | 7.25 | 7.38 | 7.00 | 0.20 | | 10.33 | COL. DER. | Rotonda Pte. Remanso |
| Rotonda Pte. Remanso | | | | | | | | |
| 0+227 | 7.25 | | | | | | | |
| 0+240 | 6.50 | 6.88 | 13.00 | 0.20 | | 17.88 | COL. DER. | |
| 0+260 | 6.50 | 6.50 | 20.00 | 0.20 | | 26.00 | COL. DER. | |
| 0+280 | 7.22 | 6.86 | 20.00 | 0.20 | | 27.44 | COL. DER. | |
| 0+290 | 5.58 | 6.40 | 10.00 | 0.20 | | 12.80 | COL. DER. | |
| 0+300 | 7.30 | 6.44 | 10.00 | 0.20 | | 12.88 | COL. DER. | |
| 0+320 | 7.10 | 7.20 | 20.00 | 0.20 | | 28.80 | COL. DER. | |
| 0+340 | 7.09 | 7.10 | 20.00 | 0.20 | | 28.38 | COL. DER. | |
| 0+360 | 7.15 | 7.12 | 20.00 | 0.20 | | 28.48 | COL. DER. | |
| 0+380 | 7.17 | 7.16 | 20.00 | 0.20 | | 28.64 | COL. DER. | |
| | | | | | | | | |
| 0+380 | 7.05 | | | | | | | |
| 0+440 | 7.05 | 7.05 | 60.00 | 0.20 | | 84.60 | COL. DER. | |
| 0+460 | 6.60 | 6.83 | 20.00 | 0.20 | | 27.30 | COL. DER. | |
| 0+480 | 6.80 | 6.70 | 20.00 | 0.20 | | 26.80 | COL. DER. | |
| 0+500 | 6.50 | 6.65 | 20.00 | 0.20 | | 26.60 | COL. DER. | |
| 0+520 | 6.50 | 6.50 | 20.00 | 0.20 | | 26.00 | COL. DER. | |
| 0+528 | 6.34 | 6.42 | 8.00 | 0.20 | | 10.27 | COL. DER. | |
| Itercambiador | | | | | | | | |
| 0+575 | 3.00 | | | | | | COL. DER. | |
| 0+580 | 3.05 | 3.03 | 5.00 | 0.20 | | 3.03 | COL. DER. | |
| 0+600 | 3.30 | 3.18 | 20.00 | 0.20 | | 12.70 | COL. DER. | |

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0+340 | 8.40 | 8.40 | 25.00 | 0.20 | | 42.00 | RAMPA E2 | LD |
| 0+360 | 8.40 | 8.40 | 20.00 | 0.20 | | 33.60 | RAMPA E2 | LD |
| 0+380 | 8.40 | 8.40 | 20.00 | 0.20 | | 33.60 | RAMPA E2 | LD |
| | | | | | | | | |
| 0+380 | 8.00 | | | | | | RAMPA E2 | LD |
| 0+400 | 8.00 | 8.00 | 20.00 | 0.20 | | 32.00 | RAMPA E2 | LD |
| 0+410 | 8.48 | 8.24 | 10.00 | 0.20 | | 16.48 | RAMPA E2 | LD |
| 0+420 | 8.97 | 8.73 | 10.00 | 0.20 | | 17.45 | RAMPA E2 | LD |
| 0+430 | 8.92 | 8.95 | 10.00 | 0.20 | | 17.89 | RAMPA E2 | LD |
| 0+440 | 8.87 | 8.90 | 10.00 | 0.20 | | 17.79 | RAMPA E2 | LD |
| 0+450 | 8.93 | 8.90 | 10.00 | 0.20 | | 17.80 | RAMPA E2 | LD |
| 0+460 | 9.00 | 8.97 | 10.00 | 0.20 | | 17.93 | RAMPA E2 | LD |
| 0+500 | 9.00 | 9.00 | 40.00 | 0.20 | | 72.00 | Calzada LD | |
| 0+528 | 9.00 | 9.00 | 28.00 | 0.20 | | 50.40 | Calzada LD | |
| | | | | | | | | |
| 0+528 | 16.20 | | | | | | Calzada LD | Intercambiador |
| 0+540 | 16.20 | 16.20 | 12.00 | 0.20 | | 38.88 | Calzada LD | Intercambiador |
| 0+560 | 16.20 | 16.20 | 20.00 | 0.20 | | 64.80 | Calzada LD | Intercambiador |
| 0+575 | 16.20 | 16.20 | 15.00 | 0.20 | | 48.60 | Calzada LD | Intercambiador |
| | | | | | | | | |
| 0+575 | 10.22 | | | | | | Calzada LD | |
| 0+580 | 10.44 | 10.33 | 5.00 | 0.20 | | 10.33 | Calzada LD | |
| 0+590 | 11.18 | 10.81 | 10.00 | 0.20 | | 21.62 | Calzada LD | |
| 0+600 | 10.92 | 11.05 | 10.00 | 0.20 | | 22.10 | Calzada LD | |
| 0+610 | 10.76 | 10.84 | 10.00 | 0.20 | | 21.68 | Calzada LD | |
| 0+620 | 10.61 | 10.69 | 10.00 | 0.20 | | 21.37 | Calzada LD | |
| 0+630 | 10.93 | 10.77 | 10.00 | 0.20 | | 21.54 | Calzada LD | |
| 0+640 | 11.25 | 11.09 | 10.00 | 0.20 | | 22.18 | Calzada LD | |
| 0+650 | 10.87 | 11.06 | 10.00 | 0.20 | | 22.12 | Calzada LD | |
| 0+660 | 10.50 | 10.69 | 10.00 | 0.20 | | 21.37 | Calzada LD | |
| 0+670 | 10.43 | 10.47 | 10.00 | 0.20 | | 20.93 | Calzada LD | |
| 0+680 | 10.36 | 10.40 | 10.00 | 0.20 | | 20.79 | Calzada LD | |
| 0+690 | 9.90 | 10.13 | 10.00 | 0.20 | | 20.26 | Calzada LD | |
| 0+700 | 9.43 | 9.67 | 10.00 | 0.20 | | 19.33 | Calzada LD | |
| 0+710 | 9.00 | 9.22 | 10.00 | 0.20 | | 18.43 | Calzada LD | |
| 1+000 | 9.00 | 9.00 | 290.00 | 0.20 | | 522.00 | Calzada LD | |
| 1+020 | 9.58 | 9.29 | 20.00 | 0.20 | | 37.16 | Calzada LD | |
| 1+040 | 10.77 | 10.18 | 20.00 | 0.20 | | 40.70 | Calzada LD | |
| 1+060 | 11.77 | 11.27 | 20.00 | 0.20 | | 45.08 | Calzada LD | |
| 1+085 | 12.00 | 11.89 | 25.00 | 0.20 | | 59.43 | Calzada LD | |
| | | | | | | | | |
| 1+085 | 7.00 | | | | | | Calzada LD | Itercambiador |
| 1+165 | 7.00 | 7.00 | 80.00 | 0.20 | | 112.00 | Calzada LD | Itercambiador |
| | | | | | | | | |
| 1+165 | 9.00 | | | | | | Calzada LD | |
| 1+180 | 9.00 | 9.00 | 15.00 | 0.20 | | 27.00 | Calzada LD | |
| 1+710 | 9.00 | 9.00 | 530.00 | 0.20 | | 954.00 | Calzada LD | |
| 1+740 | 9.10 | 9.05 | 30.00 | 0.20 | | 54.30 | Calzada LD | |
| 1+820 | 9.10 | 9.10 | 80.00 | 0.20 | | 145.60 | Calzada LD | |
| 1+830 | 9.15 | 9.13 | 10.00 | 0.20 | | 18.25 | Calzada LD | |
| 1+840 | 9.30 | 9.23 | 10.00 | 0.20 | | 18.45 | Calzada LD | |
| 1+850 | 9.89 | 9.60 | 10.00 | 0.20 | | 19.19 | Calzada LD | |
| 1+860 | 10.51 | 10.20 | 10.00 | 0.20 | | 20.40 | Calzada LD | |
| 1+875 | 11.00 | 10.76 | 15.00 | 0.20 | | 32.27 | Calzada LD | |
| Itercambiador | | | | | | | | |
| 1+875 | 7.00 | | | | | | Calzada LD | Itercambiador |
| 1+940 | 7.00 | 7.00 | 65.00 | 0.20 | | 91.00 | Calzada LD | Itercambiador |
| 1+950 | 7.00 | 7.00 | 10.00 | 0.20 | | 14.00 | Calzada LD | Itercambiador |
| 1+959 | 7.00 | 7.00 | 9.00 | 0.20 | | 12.60 | Calzada LD | Itercambiador |
| Itercambiador | | | | | | | | |
| 1+959 | 8.50 | | | | | | Calzada LD | |
| 1+980 | 8.50 | 8.50 | 21.00 | 0.20 | | 35.70 | Calzada LD | |
| 2+133 | 8.50 | 8.50 | 153.00 | 0.20 | | 260.10 | Calzada LD | |
| Itercambiador | | | | | | | | |
| 2+133 | 8.50 | | | | | | Calzada LD | Itercambiador |
| 2+140 | 8.50 | 8.50 | 7.00 | 0.20 | | 11.90 | Calzada LD | Itercambiador |
| 2+160 | 8.50 | 8.50 | 20.00 | 0.20 | | 34.00 | Calzada LD | Itercambiador |
| 2+180 | 8.50 | 8.50 | 20.00 | 0.20 | | 34.00 | Calzada LD | Itercambiador |

Ing. Cristobal Cohene C.
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CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4+740 | | 4.75 | 4.88 | 10.00 | 0.20 | 9.75 | LD | Colectora |
| 4+758 | | 4.90 | 4.83 | 18.00 | 0.20 | 17.37 | LD | Colectora |
| 4+760 | | 5.05 | 4.98 | 2.00 | 0.20 | 1.99 | LD | Colectora |
| 4+780 | | 4.85 | 4.95 | 20.00 | 0.20 | 19.80 | LD | Colectora |
| 4+800 | | 4.45 | 4.65 | 20.00 | 0.20 | 18.60 | LD | Colectora |
| 4+820 | | 4.15 | 4.30 | 20.00 | 0.20 | 17.20 | LD | Colectora |
| 4+840 | | 4.00 | 4.08 | 20.00 | 0.20 | 16.30 | LD | Colectora |
| 4+860 | | 4.40 | 4.20 | 20.00 | 0.20 | 16.80 | LD | Colectora |
| 4+880 | | 3.40 | 3.90 | 20.00 | 0.20 | 15.60 | LD | Colectora |
| 4+895 | | 2.50 | 2.95 | 14.50 | 0.20 | 8.56 | LD | Colectora |
| | | | | | | | | |
| 3+120 | | 6.20 | | | | | LI | Colectora |
| 3+160 | | 6.20 | 6.20 | 40.00 | 0.20 | 49.60 | LI | Colectora |
| 3+180 | | 6.40 | 6.30 | 20.00 | 0.20 | 25.20 | LI | Colectora |
| 3+200 | | 6.45 | 6.43 | 20.00 | 0.20 | 25.70 | LI | Colectora |
| 3+220 | | 6.45 | 6.45 | 20.00 | 0.20 | 25.80 | LI | Colectora |
| 3+240 | | 6.35 | 6.40 | 20.00 | 0.20 | 25.60 | LI | Colectora |
| 3+260 | | 6.30 | 6.33 | 20.00 | 0.20 | 25.30 | LI | Colectora |
| 3+600 | | 6.30 | 6.30 | 340.00 | 0.20 | 428.40 | LI | Colectora |
| 3+620 | | 5.79 | 6.05 | 20.00 | 0.20 | 24.18 | LI | Colectora |
| 3+640 | | 5.16 | 5.48 | 20.00 | 0.20 | 21.90 | LI | Colectora |
| 3+660 | | 4.53 | 4.85 | 20.00 | 0.20 | 19.38 | LI | Colectora |
| 3+680 | | 3.90 | 4.22 | 20.00 | 0.20 | 16.86 | LI | Colectora |
| 3+700 | | 4.63 | 4.27 | 20.00 | 0.20 | 17.06 | LI | Colectora |
| | | | | | | | | |
| 4+380 | | 4.00 | | | | | LI | Colectora |
| 4+480 | | 4.00 | 4.00 | 100.00 | 0.20 | 80.00 | LI | Colectora |
| | | | | | | | | |
| 5+260 | | 7.00 | | | | | Cantero Cerntral | Retorno |
| 5+276 | | 7.00 | 7.00 | 16.00 | 0.20 | 22.40 | Cantero Cerntral | Retorno |
| | | | | | | | | |
| Acceso a Circunvalación | | | | | | | | |
| -0+020 | | 0.00 | | | | | | |
| 0+000 | | 6.90 | 3.45 | 20.00 | 0.20 | 13.80 | | |
| 0+120 | | 6.90 | 6.90 | 120.00 | 0.20 | 165.60 | | |
| Empalme | | | | | | | | |
| 5+200 | (0+120=5+200) | 7.10 | | | | | | |
| 5+220 | | 7.06 | 7.08 | 20.00 | 0.20 | 28.32 | LD | |
| 5+240 | | 6.60 | 6.83 | 20.00 | 0.20 | 27.32 | LD | |
| 5+260 | | 5.68 | 6.14 | 20.00 | 0.20 | 24.56 | LD | |
| | | | | | | | | |
| Bocacalle 5+280 | | 165.60 | | | 0.15 | 24.84 | | |
| | | | | | | | | |
| **Subtotal Frente 2** | | | | | | **2196.68** | | |
| | | | | | | | | |
| | | | | | | | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| | | | | | | | | |
| **Subtotal Frente 3.1** | | | | | | **0.00** | | |
| | | | | | | | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |
| | | | | | | | | |

**Parcial= 5,810.83 m3**

**Cantidad total de Base Granular = 5,810.83 m3**

**Item Nº: 47.1 Base Granular Estabilizada con Cemento** Unidad: **m3**

| Progresivas | | Longitud | Ancho | | | Cantidad | Observaciones | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | | | | | | | |
| 0+000 | 8.40 | | | | | | RAMPA E1 | LD |
| 0+065 | 8.40 | 8.40 | 65.00 | 0.20 | | 109.20 | RAMPA E1 | LD |
| | | | | | | | | |
| 0+315 | 8.40 | | | | | | RAMPA E2 | LD |

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CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 2+133 | | 6.00 | 6.00 | 113.00 | 0.20 | 135.60 | COL. DER. | |
| Itercambiador | | | | | | | | |
| 2+133 | | 6.00 | | | | | COL. DER. | Itercambiador |
| 2+140 | | 6.00 | 6.00 | 7.00 | 0.20 | 8.40 | COL. DER. | Itercambiador |
| 2+160 | | 6.00 | 6.00 | 20.00 | 0.20 | 24.00 | COL. DER. | Itercambiador |
| 2+180 | | 6.00 | 6.00 | 20.00 | 0.20 | 24.00 | COL. DER. | Itercambiador |
| | | | | | | | | |
| BOCACALLE | 0+030 | 1.00 | 84.25 | 0.20 | 16.85 | 16.85 | L.I. | |
| | | | | | | | | |
| BOCACALLE | 0+815 | 1.00 | 110.52 | 0.20 | 22.10 | 22.10 | L.I. | |
| | | | | | | | | |
| BOCACALLE | 1+190 | 1.00 | 85.30 | 0.20 | 17.06 | 17.06 | L.I. | |
| | | | | | | | | |
| BOCACALLE | 1+380 | 1.00 | 35.80 | 0.20 | 7.16 | 7.16 | L.I. | |
| | | | | | | | | |
| BOCACALLE | 0+453 | 1.00 | 30.30 | 0.20 | 6.06 | 6.06 | L.D. | |
| | | | | | | | | |
| BOCACALLE | 0+613 | 1.00 | 100.84 | 0.20 | 20.17 | 20.17 | L.D. | |
| | | | | | | | | |
| BOCACALLE | 0+744 | 1.00 | 50.09 | 0.20 | 10.02 | 10.02 | L.D. | |
| | | | | | | | | |
| BOCACALLE | 0+815 | 1.00 | 99.30 | 0.20 | 19.86 | 19.86 | L.D. | |
| | | | | | | | | |
| BOCACALLE | 0+996 | 1.00 | 91.45 | 0.20 | 18.29 | 18.29 | L.D. | |
| | | | | | | | | |
| BOCACALLE | 1+223 | 1.00 | 100.50 | 0.20 | 20.10 | 20.10 | L.D. | |
| | | | | | | | | |
| BOCACALLE | 1+360 | 1.00 | 16.95 | 0.20 | 3.39 | 3.39 | L.D. | |
| | | | | | | | | |
| BOCACALLE | 1+583 | 1.00 | 18.41 | 0.20 | 3.68 | 3.68 | L.D. | |
| | | | | | | | | |
| BOCACALLE | 1+700 | 1.00 | 72.50 | 0.20 | 14.50 | 14.50 | L.D. | |
| | | | | | | | | |
| BOCACALLE | 2+080 | 1.00 | 20.57 | 0.20 | 4.11 | 4.11 | L.D. | |
| | | | | | | | | |
| 2+010 | 0+000 | | 12.67 | 7.50 | 19.01 | 19.01 | Boca Calle | LD |
| | | | | | | | | |
| **Subtotal Frente 1** | | | | | | **3,614.16** | | |
| | | | | | | | | |
| 3+180 | | 7.20 | | | | | | |
| 3+580 | | 7.20 | 7.20 | 400.00 | 0.20 | 576.00 | LD | Colectora |
| 3+600 | | 6.65 | 6.93 | 20.00 | 0.20 | 27.70 | LD | Colectora |
| 3+620 | | 6.32 | 6.49 | 20.00 | 0.20 | 25.94 | LD | Colectora |
| 3+640 | | 5.44 | 5.88 | 20.00 | 0.20 | 23.52 | LD | Colectora |
| 3+660 | | 4.55 | 5.00 | 20.00 | 0.20 | 19.98 | LD | Colectora |
| 3+680 | | 3.85 | 4.20 | 20.00 | 0.20 | 16.80 | LD | Colectora |
| | | | | | | | | |
| 4+280 | | 3.14 | | | | | | |
| 4+300 | | 4.24 | 3.69 | 20.00 | 0.20 | 14.75 | | |
| 4+320 | | 6.40 | 5.32 | 20.00 | 0.20 | 21.28 | LD | Colectora |
| 4+340 | | 7.00 | 6.70 | 20.00 | 0.20 | 26.80 | LD | Colectora |
| 4+360 | | 7.05 | 7.03 | 20.00 | 0.20 | 28.10 | LD | Colectora |
| 4+380 | | 7.95 | 7.50 | 20.00 | 0.20 | 30.00 | LD | Colectora |
| 4+400 | | 7.95 | 7.95 | 20.00 | 0.20 | 31.80 | LD | Colectora |
| Empalme | | | | | | | | |
| 4+400 | | 4.00 | | | | | LD | Colectora |
| 4+420 | | 4.00 | 4.00 | 20.00 | 0.20 | 16.00 | LD | Colectora |
| 4+440 | | 4.00 | 4.00 | 20.00 | 0.20 | 16.00 | LD | Colectora |
| 4+460 | | 3.50 | 3.75 | 20.00 | 0.20 | 15.00 | LD | Colectora |
| 4+480 | | 3.00 | 3.25 | 20.00 | 0.20 | 13.00 | LD | Colectora |
| 4+500 | | 0.00 | 1.50 | 20.00 | 0.20 | 6.00 | | |
| | | | | | | | | |
| 4+680 | | 5.57 | | | | | | |
| 4+700 | | 5.47 | 5.52 | 20.00 | 0.20 | 22.08 | LD | Colectora |
| 4+720 | | 5.40 | 5.44 | 20.00 | 0.20 | 21.74 | LD | Colectora |
| 4+730 | | 5.00 | 5.20 | 10.00 | 0.20 | 10.40 | LD | Colectora |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1+500 | | 4.20 | 4.45 | 20.00 | 0.20 | 17.80 | Calzada LI | Intercambiador |
| 1+510 | | 3.00 | 3.60 | 10.00 | 0.20 | 7.20 | Calzada LI | Intercambiador |
| | | | | | | | | |
| 1+700 | | 2.00 | | | | | Calzada L.I. | Intercambiador |
| 1+720 | | 3.00 | 2.50 | 20.00 | 0.27 | 13.50 | Calzada L.I. | Intercambiador |
| 1+740 | | 3.00 | 3.00 | 20.00 | 0.27 | 16.20 | Calzada L.I. | Intercambiador |
| 1+760 | | 3.50 | 3.25 | 20.00 | 0.27 | 17.55 | Calzada L.I. | Intercambiador |
| 1+780 | | 3.50 | 3.50 | 20.00 | 0.27 | 18.90 | Calzada L.I. | Intercambiador |
| 1+790 | | 3.50 | 3.50 | 10.00 | 0.27 | 9.45 | Calzada L.I. | Intercambiador |
| 1+800 | | 3.50 | 3.50 | 10.00 | 0.27 | 9.45 | Calzada L.I. | Intercambiador |
| 1+820 | | 3.50 | 3.50 | 20.00 | 0.27 | 18.90 | Calzada L.I. | Intercambiador |
| 1+840 | | 3.50 | 3.50 | 20.00 | 0.27 | 18.90 | Calzada L.I. | Intercambiador |
| 1+860 | | 3.50 | 3.50 | 20.00 | 0.27 | 18.90 | Calzada L.I. | Intercambiador |
| 1+880 | | 3.50 | 3.50 | 20.00 | 0.27 | 18.90 | Calzada L.I. | Intercambiador |
| 1+900 | | 3.50 | 3.50 | 20.00 | 0.27 | 18.90 | Calzada L.I. | Intercambiador |
| 1+910 | | 3.50 | 3.50 | 10.00 | 0.27 | 9.45 | Calzada L.I. | Intercambiador |
| | | | | | | | | |
| 0+600 | | 3.35 | | | | | COL. DER. | |
| 0+610 | | 3.87 | 3.61 | 10.00 | 0.20 | 7.22 | COL. DER. | |
| 0+620 | | 4.40 | 4.14 | 10.00 | 0.20 | 8.27 | COL. DER. | |
| 0+630 | | 4.60 | 4.50 | 10.00 | 0.20 | 9.00 | COL. DER. | |
| 0+640 | | 4.80 | 4.70 | 10.00 | 0.20 | 9.40 | COL. DER. | |
| 0+650 | | 4.72 | 4.76 | 10.00 | 0.20 | 9.52 | COL. DER. | |
| 0+660 | | 4.65 | 4.69 | 10.00 | 0.20 | 9.37 | COL. DER. | |
| 0+670 | | 4.77 | 4.71 | 10.00 | 0.20 | 9.42 | COL. DER. | |
| 0+680 | | 4.90 | 4.84 | 10.00 | 0.20 | 9.67 | COL. DER. | |
| 0+690 | | 5.22 | 5.06 | 10.00 | 0.20 | 10.12 | COL. DER. | |
| 0+700 | | 5.55 | 5.39 | 10.00 | 0.20 | 10.77 | COL. DER. | |
| 0+710 | | 5.77 | 5.66 | 10.00 | 0.20 | 11.32 | COL. DER. | |
| 0+720 | | 6.10 | 5.94 | 10.00 | 0.20 | 11.87 | COL. DER. | |
| 0+730 | | 6.10 | 6.10 | 10.00 | 0.20 | 12.20 | COL. DER. | |
| 0+746 | | 6.10 | 6.10 | 16.00 | 0.20 | 19.52 | COL. DER. | |
| | | | | | | | | |
| 0+746 | | 6.10 | | | | | COL. DER. | Itercambiador |
| 0+770 | | 6.10 | 6.10 | 24.00 | 0.20 | 29.28 | COL. DER. | Itercambiador |
| | | | | | | | | |
| 0+770 | | 6.10 | | | | | COL. DER. | |
| 0+800 | | 6.10 | 6.10 | 30.00 | 0.20 | 36.60 | COL. DER. | |
| 0+820 | | 6.00 | 6.05 | 20.00 | 0.20 | 24.20 | COL. DER. | |
| 1+000 | | 6.00 | 6.00 | 180.00 | 0.20 | 216.00 | COL. DER. | |
| 1+020 | | 5.70 | 5.85 | 20.00 | 0.20 | 23.40 | COL. DER. | |
| 1+030 | | 5.40 | 5.55 | 10.00 | 0.20 | 11.10 | COL. DER. | |
| 1+040 | | 4.50 | 4.95 | 10.00 | 0.20 | 9.90 | COL. DER. | |
| 1+050 | | 3.90 | 4.20 | 10.00 | 0.20 | 8.40 | COL. DER. | |
| 1+060 | | 3.20 | 3.55 | 10.00 | 0.20 | 7.10 | COL. DER. | |
| 1+070 | | 3.00 | 3.10 | 10.00 | 0.20 | 6.20 | COL. DER. | |
| 1+085 | | 3.00 | 3.00 | 15.00 | 0.20 | 9.00 | COL. DER. | |
| | | | | | | | | |
| 1+085 | | 9.20 | | | | | Calzada LD | Itercambiador |
| 1+165 | | 9.20 | 9.20 | 80.00 | 0.200 | 147.20 | Calzada LD | Itercambiador |
| | | | | | | | | |
| 1+165 | | 6.00 | | | | | COL. DER. | |
| 1+740 | | 6.00 | 6.00 | 575.00 | 0.20 | 690.00 | COL. DER. | |
| | | | | | | | | |
| 1+740 | | 5.50 | | | | | COL. DER. | |
| 1+820 | | 5.50 | 5.50 | 80.00 | 0.20 | 88.00 | COL. DER. | |
| 1+840 | | 5.50 | 5.50 | 20.00 | 0.20 | 22.00 | COL. DER. | |
| 1+860 | | 4.34 | 4.92 | 20.00 | 0.20 | 19.68 | COL. DER. | |
| 1+875 | | 3.85 | 4.10 | 15.00 | 0.20 | 12.29 | COL. DER. | |
| Itercambiador | | | | | | | | |
| 1+875 | | 9.00 | | | | | Calzada LD | Itercambiador |
| 1+880 | | 9.00 | 9.00 | 5.00 | 0.200 | 9.00 | Calzada LD | Itercambiador |
| 1+900 | | 9.00 | 9.00 | 20.00 | 0.200 | 36.00 | Calzada LD | Itercambiador |
| 1+920 | | 9.00 | 9.00 | 20.00 | 0.200 | 36.00 | Calzada LD | Itercambiador |
| 1+959 | | 9.00 | 9.00 | 39.00 | 0.200 | 70.20 | Calzada LD | Itercambiador |
| Itercambiador | | | | | | | | |
| 1+959 | | 5.50 | | | | | COL. DER. | |
| 2+000 | | 5.50 | 5.50 | 41.00 | 0.20 | 45.10 | COL. DER. | |
| 2+020 | | 6.00 | 5.75 | 20.00 | 0.20 | 23.00 | COL. DER. | |

Ing. Cristobal Cohene C.
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DV - MOPC

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Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0+030 | 0.65 | | 1.00 | 97.05 | | 63.08 | | |
| 0+815 | 0.65 | | 1.00 | 120.27 | | 78.18 | | |
| 1+380 | 0.65 | | 1.00 | 40.30 | | 26.20 | | |
| 1+190 | 0.65 | | 1.00 | 106.57 | | 69.27 | | |
| 0+454 | 0.65 | | 1.00 | 36.30 | | 23.60 | Boca Calle | LD |
| 0+613 | 0.65 | | 1.00 | 116.93 | | 76.00 | Boca Calle | LD |
| 0+744 | 0.65 | | 1.00 | 50.91 | | 33.09 | Boca Calle | LD |
| 0+815 | 0.65 | | 1.00 | 108.19 | | 70.32 | Boca Calle | LD |
| 0+996 | 0.65 | | 1.00 | 93.25 | | 60.61 | Boca Calle | LD |
| 1+223 | 0.65 | | 1.00 | 113.22 | | 73.59 | Boca Calle | LD |
| 1+360 | 0.65 | | 1.00 | 16.50 | | 10.73 | Boca Calle | LD |
| 1+583 | 0.65 | | 1.00 | 36.30 | | 23.60 | Boca Calle | LD |
| 1+700 | 0.65 | | 1.00 | 60.70 | | 39.46 | Boca Calle | LD |
| 2+080 | 0.65 | | 1.00 | 23.26 | | 15.12 | Boca Calle | LD |
| 2+223 | 0.65 | | 1.00 | 174.08 | | 113.15 | Boca Calle | LD |
| Boca Calle | 0.65 | | 1.00 | 155.00 | | 100.75 | LI | |
| **Subtotal Frente 1** | | | | | | **10,652.66** | | |
| **Subtotal Frente 2** | | | | | | **0.00** | | |
| **Subtotal Frente 3.1** | | | | | | **0.00** | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |

**Parcial=** **10,652.66 m3**

**Cantidad total de Pedraplen =** **10,652.66 m3**

**Item N°: 47** **Base Granular** Unidad: m3

| Progresivas | Longitud | Ancho | | | Cantidad | Observaciones | |
|---|---|---|---|---|---|---|---|
| 0+390 | 6.15 | | | | | COL. IZQ | LI |
| 0+520 | 6.15 | 6.15 | 130.00 | 0.20 | 159.90 | COL. IZQ | LI |
| 0+520 | 5.50 | | | | | COL. IZQ | LI |
| 0+680 | 5.50 | 5.50 | 160.00 | 0.20 | 176.00 | COL. IZQ | LI |
| 0+690 | 6.00 | 5.75 | 10.00 | 0.20 | 11.50 | COL. IZQ | LI |
| 0+840 | 6.00 | 6.00 | 150.00 | 0.20 | 180.00 | COL. IZQ | LI |
| 0+860 | 6.10 | 6.05 | 20.00 | 0.20 | 24.20 | COL. IZQ | LI |
| 1+050 | 6.10 | 6.10 | 190.00 | 0.20 | 231.80 | COL. IZQ | LI |
| 1+060 | 6.00 | 6.05 | 10.00 | 0.20 | 12.10 | COL. IZQ | LI |
| 1+200 | 6.00 | 6.00 | 140.00 | 0.20 | 168.00 | COL. IZQ | LI |
| 1+220 | 5.50 | 5.75 | 20.00 | 0.20 | 23.00 | COL. IZQ | LI |
| 1+430 | 5.50 | 5.50 | 210.00 | 0.20 | 231.00 | COL. IZQ | LI |
| 1+440 | 5.80 | 5.65 | 10.00 | 0.20 | 11.30 | COL. IZQ | LI |
| 1+456 | 6.50 | 6.15 | 16.00 | 0.20 | 19.68 | COL. IZQ | LI |
| 1+456 | 6.50 | | | | | Calzada LI | Intercambiador |
| 1+460 | 7.50 | 7.00 | 4.00 | 0.20 | 5.60 | Calzada LI | Intercambiador |
| 1+480 | 4.70 | 6.10 | 20.00 | 0.20 | 24.40 | Calzada LI | Intercambiador |

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DV - MOPC

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Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | |
|---|---|---|---|---|---|---|
| 1+800 | 4.11 | 4.09 | 20.00 | | 81.70 | LD colectora |
| 1+820 | 4.13 | 4.12 | 20.00 | | 82.40 | LD colectora |
| 1+840 | 3.62 | 3.88 | 20.00 | | 77.50 | LD colectora |
| 1+860 | 2.80 | 3.21 | 20.00 | | 64.20 | LD colectora |
| 1+880 | 6.37 | 4.59 | 20.00 | | 91.70 | LD colectora |
| 1+900 | 6.80 | 6.59 | 20.00 | | 131.70 | LD colectora |
| 1+920 | 6.80 | 6.80 | 20.00 | | 136.00 | LD colectora |
| 1+940 | 6.67 | 6.74 | 20.00 | | 134.70 | LD colectora |
| 1+960 | 4.12 | 5.40 | 20.00 | | 107.90 | LD colectora |
| 1+980 | 4.12 | 4.12 | 20.00 | | 82.40 | LD colectora |
| 2+000 | 4.12 | 4.12 | 20.00 | | 82.40 | LD colectora |
| | | | | | | |
| 0+680 | 4.04 | | | | | L.I. Colectora |
| 0+700 | 4.04 | 4.04 | 20.00 | | 80.80 | L.I. Colectora |
| 0+720 | 4.06 | 4.05 | 20.00 | | 81.00 | L.I. Colectora |
| 0+740 | 4.07 | 4.07 | 20.00 | | 81.30 | L.I. Colectora |
| 0+760 | 3.99 | 4.03 | 20.00 | | 80.60 | L.I. Colectora |
| 0+780 | 4.11 | 4.05 | 20.00 | | 81.00 | L.I. Colectora |
| 0+800 | 4.11 | 4.11 | 20.00 | | 82.20 | L.I. Colectora |
| 0+820 | 4.11 | 4.11 | 20.00 | | 82.20 | L.I. Colectora |
| 0+840 | 4.11 | 4.11 | 20.00 | | 82.20 | L.I. Colectora |
| | | | | | | |
| 1+060 | 4.15 | | | | | L.I. Colectora |
| 1+080 | 4.18 | 4.17 | 20.00 | | 83.30 | L.I. Colectora |
| 1+100 | 4.33 | 4.26 | 20.00 | | 85.10 | L.I. Colectora |
| 1+120 | 4.26 | 4.30 | 20.00 | | 85.90 | L.I. Colectora |
| 1+140 | 5.50 | 4.88 | 20.00 | | 97.60 | L.I. Colectora |
| 1+160 | 5.38 | 5.44 | 20.00 | | 108.80 | L.I. Colectora |
| 1+180 | 5.28 | 5.33 | 20.00 | | 106.60 | L.I. Colectora |
| 1+200 | 6.00 | 5.64 | 20.00 | | 112.80 | L.I. Colectora |
| 1+220 | 4.21 | 5.11 | 20.00 | | 102.10 | L.I. Colectora |
| 1+240 | 4.05 | 4.13 | 20.00 | | 82.60 | L.I. Colectora |
| 1+260 | 4.04 | 4.05 | 20.00 | | 80.90 | L.I. Colectora |
| 1+280 | 4.07 | 4.06 | 20.00 | | 81.10 | L.I. Colectora |
| 1+300 | 4.11 | 4.09 | 20.00 | | 81.80 | L.I. Colectora |
| 1+320 | 4.07 | 4.09 | 20.00 | | 81.80 | L.I. Colectora |
| 1+340 | 3.94 | 4.01 | 20.00 | | 80.10 | L.I. Colectora |
| 1+360 | 3.93 | 3.94 | 20.00 | | 78.70 | L.I. Colectora |
| 1+380 | 3.93 | 3.93 | 20.00 | | 78.60 | L.I. Colectora |
| 1+400 | 4.56 | 4.25 | 20.00 | | 84.90 | L.I. Colectora |
| 1+420 | 3.92 | 4.24 | 20.00 | | 84.80 | L.I. Colectora |
| 1+440 | 3.92 | 3.92 | 20.00 | | 78.40 | L.I. Colectora |
| | | | | | | |
| 2+280 | 4.11 | | | | | L. I. Colectora |
| 2+300 | 4.11 | 4.11 | 20.00 | | 82.20 | L. I. Colectora |
| 2+320 | 4.11 | 4.11 | 20.00 | | 82.20 | L. I. Colectora |
| 2+340 | 4.11 | 4.11 | 20.00 | | 82.20 | L. I. Colectora |
| 2+360 | 4.11 | 4.11 | 20.00 | | 82.20 | L. I. Colectora |
| 2+380 | 4.11 | 4.11 | 20.00 | | 82.20 | L. I. Colectora |
| 2+400 | 4.11 | 4.11 | 20.00 | | 82.20 | L. I. Colectora |
| 2+420 | 4.11 | 4.11 | 20.00 | | 82.20 | L. I. Colectora |
| 2+440 | 4.83 | 4.47 | 20.00 | | 89.40 | L. I. Colectora |
| 2+460 | 5.77 | 5.30 | 20.00 | | 106.00 | L. I. Colectora |
| 2+480 | 6.92 | 6.35 | 20.00 | | 126.90 | L. I. Colectora |
| 2+500 | 6.92 | 6.92 | 20.00 | | 138.40 | L. I. Colectora |
| 2+520 | 7.72 | 7.32 | 20.00 | | 146.40 | L. I. Colectora |
| 2+540 | 7.63 | 7.68 | 20.00 | | 153.50 | L. I. Colectora |
| 2+560 | 6.40 | 7.02 | 20.00 | | 140.30 | L. I. Colectora |
| 2+580 | 6.19 | 6.30 | 20.00 | | 125.90 | L. I. Colectora |
| 2+590 | 6.19 | 6.19 | 10.00 | | 61.90 | L. I. Colectora |
| Transicion | | | | | | |
| 2+590 | 25.46 | | | | | Retorno |
| 2+600 | 25.46 | 25.46 | 10.00 | | 254.60 | Retorno |
| 2+615 | 25.46 | 25.46 | 15.00 | | 381.90 | Retorno |
| Transicion | | | | | | |
| 2+615 | 5.20 | | | | | L. I. Colectora |
| 2+620 | 4.93 | 5.07 | 5.00 | | 25.33 | L. I. Colectora |
| 2+640 | 4.14 | 4.54 | 20.00 | | 90.70 | L. I. Colectora |
| 2+660 | 4.14 | 4.14 | 20.00 | | 82.80 | L. I. Colectora |

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CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Boca Calle | 5+900 | 4.00 | | 20.00 | | 80.00 | | |
| | 6+140 | 4.00 | | 20.00 | | 80.00 | | |
| | | | | | | | | |
| 8+920 | | 3.20 | | | | | | |
| 9+200 | | 3.20 | 3.20 | 280.00 | | 896.00 | | |
| | | | | | | | | |
| 9+200 | | 1.15 | 1.15 | 340.00 | | 391.00 | Intersección | |
| | | | | | | | | |
| **Subtotal Frente 4** | | | | | | **4,994.20** | | |
| | | | | | | | | |
| | | | | | **Parcial=** | **39,329.47 m3** | | |

**Cantidad total de Sub-base granular estabilizada = 39,329.47 m3**

**Item N°: 46.1 Pedraplen** Unidad: **m3**

| Progresivas | | Area | Area Media | Longitud | Volumen | Acumulado | Observaciones |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| 0+800 | | 3.76 | | | | | LD colectora |
| 0+820 | | 3.76 | 3.76 | 20.00 | | 75.20 | LD colectora |
| 0+840 | | 3.76 | 3.76 | 20.00 | | 75.20 | LD colectora |
| 0+860 | | 4.02 | 3.89 | 20.00 | | 77.80 | LD colectora |
| 0+880 | | 3.67 | 3.85 | 20.00 | | 76.90 | LD colectora |
| 0+900 | | 3.79 | 3.73 | 20.00 | | 74.60 | LD colectora |
| 0+920 | | 4.09 | 3.94 | 20.00 | | 78.80 | LD colectora |
| 0+940 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 0+960 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 0+980 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 1+000 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 1+020 | | 3.15 | 3.62 | 20.00 | | 72.40 | LD colectora |
| 1+040 | | 2.93 | 3.51 | 20.00 | | 70.20 | LD colectora |
| 1+060 | | 2.28 | 2.72 | 20.00 | | 54.30 | LD colectora |
| 1+080 | | 2.17 | 2.55 | 20.00 | | 51.00 | LD colectora |
| 1+100 | | 4.50 | 3.39 | 20.00 | | 67.80 | LD colectora |
| 1+120 | | 5.02 | 3.60 | 20.00 | | 71.90 | LD colectora |
| 1+140 | | 5.07 | 4.79 | 20.00 | | 95.70 | LD colectora |
| 1+160 | | 4.80 | 4.91 | 20.00 | | 98.20 | LD colectora |
| 1+180 | | 4.36 | 4.72 | 20.00 | | 94.30 | LD colectora |
| 1+200 | | 4.09 | 4.45 | 20.00 | | 88.90 | LD colectora |
| 1+220 | | 3.94 | 4.15 | 20.00 | | 83.00 | LD colectora |
| 1+240 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 1+260 | | 4.09 | 4.02 | 20.00 | | 80.30 | LD colectora |
| 1+280 | | 3.89 | 3.99 | 20.00 | | 79.80 | LD colectora |
| 1+300 | | 3.89 | 3.99 | 20.00 | | 79.80 | LD colectora |
| 1+320 | | 3.89 | 3.89 | 20.00 | | 77.80 | LD colectora |
| 1+340 | | 4.00 | 3.95 | 20.00 | | 78.90 | LD colectora |
| 1+360 | | 3.98 | 3.94 | 20.00 | | 78.70 | LD colectora |
| 1+380 | | 4.01 | 4.01 | 20.00 | | 80.10 | LD colectora |
| 1+400 | | 4.09 | 4.04 | 20.00 | | 80.70 | LD colectora |
| 1+420 | | 4.09 | 4.05 | 20.00 | | 81.00 | LD colectora |
| 1+440 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 1+460 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 1+480 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 1+500 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 1+520 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 1+540 | | 3.72 | 3.91 | 20.00 | | 78.10 | LD colectora |
| 1+560 | | 4.00 | 4.05 | 20.00 | | 80.90 | LD colectora |
| 1+580 | | 4.09 | 3.91 | 20.00 | | 78.10 | LD colectora |
| 1+600 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 1+620 | | 4.39 | 4.24 | 20.00 | | 84.80 | LD colectora |
| 1+640 | | 4.09 | 4.24 | 20.00 | | 84.80 | LD colectora |
| 1+660 | | 4.09 | 4.09 | 20.00 | | 81.80 | LD colectora |
| 1+680 | | 3.19 | 3.64 | 20.00 | | 72.80 | LD colectora |
| 1+700 | | 4.20 | 3.70 | 20.00 | | 73.90 | LD colectora |
| 1+720 | | 3.97 | 4.09 | 20.00 | | 81.70 | LD colectora |
| 1+740 | | 3.96 | 3.97 | 20.00 | | 79.30 | LD colectora |
| 1+760 | | 3.86 | 3.91 | 20.00 | | 78.20 | LD colectora |
| 1+780 | | 4.06 | 3.96 | 20.00 | | 79.20 | LD colectora |

Ing. Cristobal Cohene C.
Supervisor de Obra

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 6+400 | 3.13 | | | | | | |
| 8+920 | 3.13 | 3.13 | 2520.00 | | 7,887.60 | | |
| | | | | | | | |
| **Subtotal Frente 3** | | | | | **7,887.60** | | |
| | | | | | | | |
| | | | | | | | |
| **Subtotal Frente 3.1** | | | | | **0.00** | | |
| | | | | | | | |
| 5+300 | 1.47 | | | | | LD | Calzada |
| 5+320 | 1.81 | 1.64 | 20.00 | | 32.80 | LD | Calzada |
| 5+340 | 1.67 | 1.74 | 20.00 | | 34.80 | LD | Calzada |
| 5+360 | 1.73 | 1.70 | 20.00 | | 34.00 | LD | Calzada |
| | | | | | | | |
| 5+300 | 2.11 | | | | | LI | Calzada |
| 5+320 | 2.11 | 2.11 | 20.00 | | 42.20 | LI | Calzada |
| 5+340 | 2.11 | 2.11 | 20.00 | | 42.20 | LI | Calzada |
| 5+360 | 2.12 | 2.12 | 20.00 | | 42.30 | LI | Calzada |
| | | | | | | | |
| 5+360 | 3.85 | | | | | | Calzada |
| 5+380 | 3.33 | 3.59 | 20.00 | | 71.80 | | Calzada |
| 5+400 | 2.69 | 3.01 | 20.00 | | 60.20 | | Calzada |
| Empalme | | | | | | | |
| 5+400 | 3.18 | | | | | | |
| 5+420 | 3.20 | 3.19 | 20.00 | | 63.80 | | |
| 5+440 | 3.20 | 3.20 | 20.00 | | 64.00 | | |
| 5+460 | 3.20 | 3.20 | 20.00 | | 64.00 | | |
| 5+480 | 3.20 | 3.20 | 20.00 | | 64.00 | | |
| 5+500 | 3.20 | 3.20 | 20.00 | | 64.00 | | |
| 5+520 | 3.20 | 3.20 | 20.00 | | 64.00 | | |
| 5+540 | 3.20 | 3.20 | 20.00 | | 64.00 | | |
| 5+560 | 3.20 | 3.20 | 20.00 | | 64.00 | | |
| 5+580 | 3.20 | 3.20 | 20.00 | | 64.00 | | |
| 5+600 | 3.20 | 3.20 | 20.00 | | 64.00 | | Calzada |
| 5+620 | 3.20 | 3.20 | 20.00 | | 64.00 | | Calzada |
| 5+640 | 3.20 | 3.20 | 20.00 | | 64.00 | | Calzada |
| 5+660 | 3.20 | 3.20 | 20.00 | | 64.00 | | Calzada |
| 5+680 | 3.20 | 3.20 | 20.00 | | 64.00 | | Calzada |
| 5+700 | 3.20 | 3.20 | 20.00 | | 64.00 | | Calzada |
| 5+720 | 3.20 | 3.20 | 20.00 | | 64.00 | | Calzada |
| 5+740 | 3.20 | 3.20 | 20.00 | | 64.00 | | Calzada |
| 5+760 | 3.19 | 3.20 | 20.00 | | 63.90 | | Calzada |
| 5+780 | 3.19 | 3.19 | 20.00 | | 63.80 | | Calzada |
| 5+800 | 3.19 | 3.19 | 20.00 | | 63.80 | | Calzada |
| 5+820 | 3.13 | 3.16 | 20.00 | | 63.20 | | Calzada |
| 5+840 | 3.09 | 3.11 | 20.00 | | 62.20 | | Calzada |
| 5+860 | 3.09 | 3.09 | 20.00 | | 61.80 | | Calzada |
| 5+880 | 3.09 | 3.09 | 20.00 | | 61.80 | | Calzada |
| 5+900 | 3.09 | 3.09 | 20.00 | | 61.80 | | Calzada |
| 5+920 | 3.15 | 3.12 | 20.00 | | 62.40 | | Calzada |
| 5+940 | 3.19 | 3.17 | 20.00 | | 63.40 | | Calzada |
| 5+960 | 3.19 | 3.19 | 20.00 | | 63.80 | | Calzada |
| 5+980 | 3.19 | 3.19 | 20.00 | | 63.80 | | Calzada |
| 6+000 | 3.19 | 3.19 | 20.00 | | 63.80 | | Calzada |
| 6+020 | 3.19 | 3.19 | 20.00 | | 63.80 | | Calzada |
| 6+040 | 3.19 | 3.19 | 20.00 | | 63.80 | | Calzada |
| | | | | | | | |
| 6+040 | 3.20 | | | | | | |
| 6+200 | 3.20 | 3.20 | 160.00 | | 512.00 | | |
| | | | | | | | |
| 6+200 | 3.20 | | | | | | Calzada |
| 6+220 | 3.20 | 3.20 | 20.00 | | 64.00 | | Calzada |
| 6+400 | 3.20 | 3.20 | 180.00 | | 576.00 | | |

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4+760 | 7.00 | 6.70 | 20.00 | 0.20 | 26.80 | LI | Calzada |
| 4+780 | 8.00 | 7.50 | 20.00 | 0.20 | 30.00 | LI | Calzada |
| 4+800 | 9.20 | 8.60 | 20.00 | 0.20 | 34.40 | LI | Calzada |
| 4+900 | 9.20 | 9.20 | 100.00 | 0.20 | 184.00 | LI | Calzada |
| 4+920 | 10.15 | 9.68 | 20.00 | 0.20 | 38.70 | LI | Calzada |
| 4+940 | 10.56 | 10.36 | 20.00 | 0.20 | 41.42 | LI | Calzada |
| 4+960 | 10.60 | 10.58 | 20.00 | 0.20 | 42.32 | LI | Calzada |
| 5+060 | 10.60 | 10.60 | 100.00 | 0.20 | 212.00 | LI | Calzada |
| 5+080 | 10.60 | 10.60 | 20.00 | 0.20 | 42.40 | LI | Calzada |
| 5+100 | 10.60 | 10.60 | 20.00 | 0.20 | 42.40 | LI | Calzada |
| 5+120 | 10.60 | 10.60 | 20.00 | 0.20 | 42.40 | LI | Calzada |
| 5+140 | 10.60 | 10.60 | 20.00 | 0.20 | 42.40 | LI | Calzada |
| 5+160 | 10.60 | 10.60 | 20.00 | 0.20 | 42.40 | LI | Calzada |
| 5+180 | 10.60 | 10.60 | 20.00 | 0.20 | 42.40 | LI | Calzada |
| 5+200 | 10.40 | 10.50 | 20.00 | 0.20 | 42.00 | LI | Calzada |
| 5+220 | 10.20 | 10.30 | 20.00 | 0.20 | 41.20 | LI | Calzada |
| 5+240 | 10.00 | 10.10 | 20.00 | 0.20 | 40.40 | LI | Calzada |
| 5+260 | 9.80 | 9.90 | 20.00 | 0.20 | 39.60 | LI | Calzada |
| 5+280 | 10.72 | 10.26 | 20.00 | 0.20 | 41.04 | LI | Calzada |
| 5+300 | 10.71 | 10.72 | 20.00 | 0.20 | 42.86 | LI | Calzada |
| | | | | | | | |
| Inicio Rampa Viaducto FERUSA: | | | | | | | |
| 4+720 | 7.84 | | | | | LI | rampa viaducto |
| 4+740 | 8.00 | 7.92 | 20.00 | 0.20 | 31.68 | LI | rampa viaducto |
| 4+760 | 7.40 | 7.70 | 20.00 | 0.20 | 30.80 | LI | rampa viaducto |
| 4+780 | 7.40 | 7.40 | 20.00 | 0.20 | 29.60 | LI | rampa viaducto |
| 4+800 | 8.00 | 7.70 | 20.00 | 0.20 | 30.80 | LI | rampa viaducto |
| 4+820 | 8.00 | 8.00 | 20.00 | 0.20 | 32.00 | LI | rampa viaducto |
| 4+840 | 8.10 | 8.05 | 20.00 | 0.20 | 32.20 | LI | rampa viaducto |
| | | | | | | | |
| 5+123 | 8.40 | | | | | LI | Rampa Viaducto |
| 5+140 | 8.40 | 8.40 | 17.00 | 0.20 | 28.56 | LI | Rampa Viaducto |
| 5+160 | 8.40 | 8.40 | 20.00 | 0.20 | 33.60 | LI | Rampa Viaducto |
| 5+180 | 9.60 | 9.00 | 20.00 | 0.20 | 36.00 | LI | Rampa Viaducto |
| 5+200 | 12.20 | 10.90 | 20.00 | 0.20 | 43.60 | LI | Rampa Viaducto |
| 5+220 | 12.80 | 12.50 | 20.00 | 0.20 | 50.00 | LI | Acceso a Limpio |
| 5+240 | 14.56 | 13.68 | 20.00 | 0.20 | 54.72 | LI | Acceso a Limpio |
| 5+260 | 13.78 | 14.17 | 20.00 | 0.20 | 56.68 | LI | Acceso a Limpio |
| 5+320 | 13.78 | 13.78 | 60.00 | 0.20 | 165.36 | LI | Acceso a Limpio |
| 5+340 | 13.70 | 13.74 | 20.00 | 0.20 | 54.96 | LI | Acceso a Limpio |
| 5+360 | 12.87 | 13.29 | 20.00 | 0.20 | 53.14 | LI | Acceso a Limpio |
| 5+380 | 11.95 | 12.41 | 20.00 | 0.20 | 49.64 | LI | Acceso a Limpio |
| 5+400 | 10.71 | 11.33 | 20.00 | 0.20 | 45.32 | LI | Acceso a Limpio |
| 5+420 | 8.10 | 9.41 | 20.00 | 0.20 | 37.62 | LI | Acceso a Limpio |
| 5+440 | 6.11 | 7.11 | 20.00 | 0.20 | 28.42 | LI | Acceso a Limpio |
| 5+460 | 4.70 | 5.41 | 20.00 | 0.20 | 21.62 | LI | Acceso a Limpio |
| | | | | | | | |
| 3+700 | 6.40 | | | | | LI | Colectora |
| 3+720 | 6.70 | 6.55 | 20.00 | 0.20 | 26.20 | LI | Colectora |
| 3+740 | 6.55 | 6.63 | 20.00 | 0.20 | 26.50 | LI | Colectora |
| 3+760 | 6.50 | 6.53 | 20.00 | 0.20 | 26.10 | LI | Colectora |
| 3+860 | 6.50 | 6.50 | 100.00 | 0.20 | 130.00 | LI | Colectora |
| 3+880 | 6.40 | 6.45 | 20.00 | 0.20 | 25.80 | LI | Colectora |
| 4+040 | 6.40 | 6.40 | 160.00 | 0.20 | 204.80 | LI | Colectora |
| 4+060 | 6.50 | 6.45 | 20.00 | 0.20 | 25.80 | LI | Colectora |
| 4+320 | 6.50 | 6.50 | 260.00 | 0.20 | 338.00 | LI | Colectora |
| 4+340 | 6.54 | 6.52 | 20.00 | 0.20 | 26.08 | LI | Colectora |
| 4+360 | 7.94 | 7.24 | 20.00 | 0.20 | 28.96 | LI | Colectora |
| paq simple | | | | | | | |
| | | | | | | | |
| **Subtotal Frente 2** | | | | | **13,559.12** | | |

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4+160 | 7.00 | 6.99 | 20.00 | 0.20 | 27.96 | LD | Colectora |
| 4+180 | 6.00 | 6.50 | 20.00 | 0.20 | 26.00 | LD | Colectora |
| 4+280 | 6.00 | 6.00 | 100.00 | 0.20 | 120.00 | LD | Colectora |
| **colectora paq simple** | | | | | | | |
| 2+800 | 10.78 | | | | | | |
| 2+820 | 10.78 | 10.78 | 20.00 | 0.20 | 43.12 | LI | Calzada |
| 2+840 | 10.94 | 10.86 | 20.00 | 0.20 | 43.44 | LI | Calzada |
| 2+850 | 10.94 | 10.94 | 10.00 | 0.20 | 21.88 | LI | Calzada |
| Puente Itay | | | | | | | |
| 2+910 | 11.29 | | | | | | |
| 3+038 | 11.29 | 11.29 | 128.00 | 0.20 | 289.02 | LI | Calzada |
| Puente Aliviadero | | | | | | | |
| 3+050 | 11.34 | | | | | | |
| 3+060 | 11.34 | 11.34 | 10.00 | 0.20 | 22.68 | LI | Calzada |
| 3+080 | 13.95 | 12.65 | 20.00 | 0.20 | 50.58 | LI | Calzada |
| 3+100 | 13.98 | 13.97 | 20.00 | 0.20 | 55.86 | LI | Calzada |
| 3+120 | 8.50 | 11.24 | 20.00 | 0.20 | 44.96 | LI | Calzada |
| 3+140 | 8.98 | 8.74 | 20.00 | 0.20 | 34.96 | LI | Calzada |
| 3+160 | 8.98 | 8.98 | 20.00 | 0.20 | 35.92 | LI | Calzada |
| 3+180 | 10.08 | 9.53 | 20.00 | 0.20 | 38.12 | LI | Calzada |
| 3+200 | 10.00 | 10.04 | 20.00 | 0.20 | 40.16 | LI | Calzada |
| 3+220 | 9.27 | 9.64 | 20.00 | 0.20 | 38.54 | LI | Calzada |
| 3+240 | 8.60 | 8.94 | 20.00 | 0.20 | 35.74 | LI | Calzada |
| 3+260 | 8.90 | 8.75 | 20.00 | 0.20 | 35.00 | LI | Calzada |
| 3+280 | 8.71 | 8.81 | 20.00 | 0.20 | 35.22 | LI | Calzada |
| 3+300 | 8.92 | 8.82 | 20.00 | 0.20 | 35.26 | LI | Calzada |
| 3+740 | 9.53 | 9.23 | 440.00 | 0.20 | 811.80 | LI | Calzada |
| 3+760 | 9.40 | 9.47 | 20.00 | 0.20 | 37.86 | LI | Calzada |
| 3+780 | 8.50 | 8.95 | 20.00 | 0.20 | 35.80 | LI | Calzada |
| 3+970 | 8.50 | 8.50 | 190.00 | 0.20 | 323.00 | LI | Calzada |
| | | | | | | | |
| Retorno 4+000 | 12.00 | | | | | | |
| Retorno 4+000 | 12.00 | 12.00 | 19.00 | 0.20 | 45.60 | LI | Bajo Viaducto |
| | | | | | | | |
| 4+000 | 8.50 | | | | | LI | Calzada |
| 4+140 | 8.50 | 8.50 | 140.00 | 0.20 | 238.00 | LI | Calzada |
| 4+160 | 10.00 | 9.25 | 20.00 | 0.20 | 37.00 | LI | Calzada |
| 4+220 | 10.00 | 10.00 | 60.00 | 0.20 | 120.00 | LI | Calzada |
| 4+240 | 9.50 | 9.75 | 20.00 | 0.20 | 39.00 | LI | Calzada |
| 4+260 | 9.50 | 9.50 | 20.00 | 0.20 | 38.00 | LI | Calzada |
| 4+280 | 9.50 | 9.50 | 20.00 | 0.20 | 38.00 | LI | Calzada |
| 4+320 | 9.50 | 9.50 | 40.00 | 0.20 | 76.00 | LI | Calzada |
| 4+340 | 9.25 | 9.38 | 20.00 | 0.20 | 37.50 | LI | Calzada |
| 4+360 | 9.00 | 9.13 | 20.00 | 0.20 | 36.50 | LI | Calzada |
| 4+380 | 12.00 | 10.50 | 20.00 | 0.20 | 42.00 | LI | Calzada |
| 4+400 | 11.40 | 11.70 | 20.00 | 0.20 | 46.80 | LI | Calzada |
| 4+420 | 12.00 | 11.70 | 20.00 | 0.20 | 46.80 | LI | Calzada |
| 4+460 | 10.40 | 11.20 | 40.00 | 0.20 | 89.60 | LI | Calzada |
| 4+480 | 9.40 | 9.90 | 20.00 | 0.20 | 39.60 | LI | Calzada |
| 4+500 | 11.40 | 10.40 | 20.00 | 0.20 | 41.60 | LI | Calzada |
| 4+535 | 9.00 | 10.20 | 35.00 | 0.20 | 71.40 | LI | Calzada |
| Puente Damián | | | | | | | |
| 4+580 | 8.72 | | | | | | |
| 4+620 | 9.56 | 9.14 | 40.00 | 0.20 | 73.12 | LI | Calzada |
| 4+640 | 10.54 | 10.05 | 20.00 | 0.20 | 40.20 | LI | Calzada |
| 4+660 | 11.64 | 11.09 | 20.00 | 0.20 | 44.36 | LI | Calzada |
| 4+680 | 12.14 | 11.89 | 20.00 | 0.20 | 47.56 | LI | Calzada |
| 4+700 | 12.40 | 12.27 | 20.00 | 0.20 | 49.08 | LI | Calzada |
| 4+720 | 13.34 | 12.87 | 20.00 | 0.20 | 51.48 | LI | Calzada |
| Empalme | | | | | | | |
| 4+720 | 5.50 | | | | | | |
| 4+740 | 6.40 | 5.95 | 20.00 | 0.20 | 23.80 | LI | Calzada |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5+180 | 10.81 | 10.81 | 20.00 | 0.20 | 43.24 | LD | Calzada |
| 5+200 | 10.81 | 10.81 | 20.00 | 0.20 | 43.24 | LD | Calzada |
| 5+220 | 10.20 | 10.51 | 20.00 | 0.20 | 42.02 | LD | Calzada |
| 5+240 | 10.00 | 10.10 | 20.00 | 0.20 | 40.40 | LD | Calzada |
| 5+260 | 8.93 | 9.47 | 20.00 | 0.20 | 37.86 | LD | Calzada |
| 5+280 | 7.32 | 8.13 | 20.00 | 0.20 | 32.50 | LD | Calzada |
| 5+300 | 7.33 | 7.33 | 20.00 | 0.20 | 29.30 | LD | Calzada |
| | | | | | | | |
| 4+900 | 5.47 | | | | | LD | Acceso a Limpio |
| 4+920 | 5.47 | 5.47 | 20.00 | 0.20 | 21.88 | LD | Acceso a Limpio |
| 4+940 | 6.75 | 6.11 | 20.00 | 0.20 | 24.44 | LD | Acceso a Limpio |
| 4+960 | 8.20 | 7.48 | 20.00 | 0.20 | 29.90 | LD | Acceso a Limpio |
| 5+160 | 8.20 | 8.20 | 200.00 | 0.20 | 328.00 | LD | Acceso a Limpio |
| 5+180 | 8.34 | 8.27 | 20.00 | 0.20 | 33.08 | LD | Acceso a Limpio |
| 5+200 | 9.18 | 8.76 | 20.00 | 0.20 | 35.04 | LD | Acceso a Limpio |
| 5+220 | 7.66 | 8.42 | 20.00 | 0.20 | 33.68 | LD | Acceso a Limpio |
| 5+265 | 7.66 | 7.66 | 45.00 | 0.20 | 68.94 | LD | Acceso a Limpio |
| | | | | | | | |
| Rotonda 5+200 a 5260 | 1314.99 | | | 0.20 | 263.00 | LD | Lado Mariano |
| | | | | | | | |
| 5+265 | 9.67 | | | | | | |
| 5+280 | 10.54 | 10.11 | 15.00 | 0.20 | 30.32 | LD | Acceso a Limpio |
| 5+300 | 10.60 | 10.57 | 20.00 | 0.20 | 42.28 | LD | Acceso a Limpio |
| 5+320 | 10.26 | 10.43 | 20.00 | 0.20 | 41.72 | LD | Acceso a Limpio |
| 5+340 | 9.52 | 9.89 | 20.00 | 0.20 | 39.56 | LD | Acceso a Limpio |
| 5+360 | 8.43 | 8.98 | 20.00 | 0.20 | 35.90 | LD | Acceso a Limpio |
| 5+380 | 9.43 | 8.93 | 20.00 | 0.20 | 35.72 | LD | Acceso a Limpio |
| 5+400 | 10.13 | 9.78 | 20.00 | 0.20 | 39.12 | LD | Acceso a Limpio |
| empalme | | | | | | | |
| 5+400 | 6.00 | | | | | LD | Acceso a Limpio |
| 5+420 | 6.00 | 6.00 | 20.00 | 0.20 | 24.00 | LD | Acceso a Limpio |
| 5+440 | 5.40 | 5.70 | 20.00 | 0.20 | 22.80 | LD | Acceso a Limpio |
| 5+460 | 5.00 | 5.20 | 20.00 | 0.20 | 20.80 | LD | Acceso a Limpio |
| | | | | | | | |
| 2+910 | 8.18 | | | | | | Colect |
| 3+034 | 8.18 | 8.18 | 124.00 | 0.20 | 202.86 | LD | Colect |
| Puente Alliviadero | | | | | | | |
| 3+052 | 6.91 | | | | | LD | Colectora |
| 3+080 | 6.24 | 6.58 | 28.00 | 0.20 | 36.82 | LD | Colectora |
| 3+100 | 5.93 | 6.09 | 20.00 | 0.20 | 24.34 | LD | Colectora |
| 3+120 | 6.04 | 5.99 | 20.00 | 0.20 | 23.94 | LD | Colectora |
| 3+140 | 6.34 | 6.19 | 20.00 | 0.20 | 24.76 | LD | Colectora |
| 3+160 | 7.75 | 7.05 | 20.00 | 0.20 | 28.18 | LD | Colectora |
| 3+180 | 8.54 | 8.15 | 20.00 | 0.20 | 32.58 | LD | Colectora |
| 3+200 | 10.37 | 9.46 | 20.00 | 0.20 | 37.82 | LD | Colectora |
| 3+220 | 12.07 | 11.22 | 20.00 | 0.20 | 44.88 | LD | Colectora |
| **colectora paq simple** | | | | | | | |
| 3+700 | 6.50 | | | | | | |
| 3+880 | 6.50 | 6.50 | 180.00 | 0.20 | 234.00 | LD | Colectora |
| 3+900 | 6.60 | 6.55 | 20.00 | 0.20 | 26.20 | LD | Colectora |
| 3+920 | 6.54 | 6.57 | 20.00 | 0.20 | 26.28 | LD | Colectora |
| 3+940 | 6.61 | 6.58 | 20.00 | 0.20 | 26.30 | LD | Colectora |
| 3+960 | 7.01 | 6.81 | 20.00 | 0.20 | 27.24 | LD | Colectora |
| 3+980 | 7.40 | 7.21 | 20.00 | 0.20 | 28.82 | LD | Colectora |
| 4+000 | 8.00 | 7.70 | 20.00 | 0.20 | 30.80 | LD | Colectora |
| 4+020 | 6.73 | 7.37 | 20.00 | 0.20 | 29.46 | LD | Colectora |
| 4+040 | 6.31 | 6.52 | 20.00 | 0.20 | 26.08 | LD | Colectora |
| 4+060 | 6.50 | 6.41 | 20.00 | 0.20 | 25.62 | LD | Colectora |
| 4+080 | 6.69 | 6.60 | 20.00 | 0.20 | 26.38 | LD | Colectora |
| 4+100 | 7.00 | 6.85 | 20.00 | 0.20 | 27.38 | LD | Colectora |
| 4+120 | 6.70 | 6.85 | 20.00 | 0.20 | 27.40 | LD | Colectora |
| 4+140 | 6.98 | 6.84 | 20.00 | 0.20 | 27.36 | LD | Colectora |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3+200 | 8.00 | 8.49 | 20.00 | 0.20 | 33.96 | LD | Calzada |
| 3+220 | 6.00 | 7.00 | 20.00 | 0.20 | 28.00 | LD | Calzada |
| Empalme | | | | | | | |
| 3+220 | 11.48 | | | | | | |
| 3+440 | 11.48 | 11.48 | 220.00 | 0.20 | 505.12 | LD | Calzada |
| 3+460 | 10.70 | 11.09 | 20.00 | 0.20 | 44.36 | LD | Calzada |
| 3+480 | 10.70 | 10.70 | 20.00 | 0.20 | 42.80 | LD | Calzada |
| 3+500 | 10.13 | 10.42 | 20.00 | 0.20 | 41.66 | LD | Calzada |
| 3+520 | 9.53 | 9.83 | 20.00 | 0.20 | 39.32 | LD | Calzada |
| 3+680 | 9.53 | 9.53 | 160.00 | 0.20 | 304.96 | LD | Calzada |
| 3+700 | 7.00 | 8.27 | 20.00 | 0.20 | 33.06 | LD | Calzada |
| 3+720 | 6.70 | 6.85 | 20.00 | 0.20 | 27.40 | LD | Calzada |
| 3+740 | 9.50 | 8.10 | 20.00 | 0.20 | 32.40 | LD | Calzada |
| 3+760 | 9.50 | 9.50 | 20.00 | 0.20 | 38.00 | LD | Calzada |
| 3+780 | 8.50 | 9.00 | 20.00 | 0.20 | 36.00 | LD | Calzada |
| 3+970 | 8.50 | 8.50 | 190.00 | 0.20 | 323.00 | LD | Calzada |
| | | | | | | | |
| Retorno 4+000 | 19.00 | | | | | | |
| Retorno 4+000 | 19.00 | 19.00 | 9.15 | 0.20 | 34.77 | LD | Bajo Viaducto |
| Retorno 4+000 | 23.00 | 21.00 | 9.55 | 0.20 | 40.11 | LD | Bajo Viaducto |
| | | | | | | | |
| 4+000 | 8.50 | | | | | LD | Calzada |
| 4+140 | 8.50 | 8.50 | 140.00 | 0.20 | 238.00 | LD | Calzada |
| 4+160 | 9.35 | 8.93 | 20.00 | 0.20 | 35.70 | LD | Calzada |
| 4+200 | 9.45 | 9.40 | 40.00 | 0.20 | 75.20 | LD | Calzada |
| 4+220 | 9.50 | 9.48 | 20.00 | 0.20 | 37.90 | LD | Calzada |
| 4+240 | 10.50 | 10.00 | 20.00 | 0.20 | 40.00 | LD | Calzada |
| 4+280 | 10.50 | 10.50 | 40.00 | 0.20 | 84.00 | LD | Calzada |
| 4+300 | 12.00 | 11.25 | 20.00 | 0.20 | 45.00 | LD | Calzada |
| 4+320 | 10.20 | 11.10 | 20.00 | 0.20 | 44.40 | LD | Calzada |
| 4+340 | 9.00 | 9.60 | 20.00 | 0.20 | 38.40 | LD | Calzada |
| 4+440 | 9.00 | 9.00 | 100.00 | 0.20 | 180.00 | LD | Calzada |
| 4+460 | 8.50 | 8.75 | 20.00 | 0.20 | 35.00 | LD | Calzada |
| 4+520 | 8.50 | 8.50 | 60.00 | 0.20 | 102.00 | LD | Calzada |
| 4+535 | 8.50 | 8.50 | 15.00 | 0.20 | 25.50 | LD | Calzada |
| Puente s/ Aº Damián | | | | | | | |
| 4+580 | 8.50 | | | | | LD | Calzada |
| 4+600 | 9.26 | 8.88 | 20.00 | 0.20 | 35.52 | LD | Calzada |
| 4+620 | 10.98 | 10.12 | 20.00 | 0.20 | 40.48 | LD | Calzada |
| 4+640 | 13.13 | 12.06 | 20.00 | 0.20 | 48.22 | LD | Calzada |
| 4+660 | 11.70 | 12.42 | 20.00 | 0.20 | 49.66 | LD | Calzada |
| 4+680 | 9.48 | 10.59 | 20.00 | 0.20 | 42.36 | LD | Calzada |
| 4+700 | 9.88 | 9.68 | 20.00 | 0.20 | 38.72 | LD | Calzada |
| 4+720 | 10.25 | 10.07 | 20.00 | 0.20 | 40.26 | LD | Calzada |
| 4+740 | 10.90 | 10.58 | 20.00 | 0.20 | 42.30 | LD | Calzada |
| 4+820 | 10.90 | 10.90 | 80.00 | 0.20 | 174.40 | LD | Calzada |
| 4+840 | 11.00 | 10.95 | 20.00 | 0.20 | 43.80 | LD | Calzada |
| 4+900 | 11.00 | 11.00 | 60.00 | 0.20 | 132.00 | LD | Calzada |
| Empalme | | | | | | | |
| 4+900 | 7.70 | | | | | Bajo Viaducto | Calzada |
| 4+940 | 7.70 | 7.70 | 40.00 | 0.20 | 61.60 | Bajo Viaducto | Calzada |
| empalme | | | | | | | |
| 4+940 | 10.56 | | | | | LD | Calzada |
| 4+960 | 10.60 | 10.58 | 20.00 | 0.20 | 42.32 | LD | Calzada |
| 4+980 | 10.60 | 10.60 | 20.00 | 0.20 | 42.40 | LD | Calzada |
| 5+000 | 10.60 | 10.60 | 20.00 | 0.20 | 42.40 | LD | Calzada |
| 5+020 | 10.60 | 10.60 | 20.00 | 0.20 | 42.40 | LD | Calzada |
| 5+080 | 10.60 | 10.60 | 60.00 | 0.20 | 127.20 | LD | Calzada |
| 5+100 | 10.60 | 10.60 | 20.00 | 0.20 | 42.40 | LD | Calzada |
| 5+120 | 10.81 | 10.71 | 20.00 | 0.20 | 42.82 | LD | Calzada |
| 5+140 | 10.81 | 10.81 | 20.00 | 0.20 | 43.24 | LD | Calzada |
| 5+160 | 10.81 | 10.81 | 20.00 | 0.20 | 43.24 | LD | Calzada |

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

Ing. Cristobal Cohene G.
Supervisor de Obra
DV - MOPC

## COMPUTO METRICO

### CONVENIO MODIFICATORIO N° 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2+520 | 10.00 | 9.50 | 20.00 | 0.20 | 38.00 | COL. IZQ | LI |
| 2+590 | 10.00 | 10.00 | 70.00 | 0.20 | 140.00 | COL. IZQ | LI |
| Bajo retorno | | | | | | | |
| 2+613 | 7.50 | | | | | COL. IZQ | LI |
| 2+620 | 8.00 | 7.75 | 7.00 | 0.20 | 10.85 | COL. IZQ | LI |
| 2+640 | 6.00 | 7.00 | 20.00 | 0.20 | 28.00 | COL. IZQ | LI |
| 2+660 | 5.50 | 5.75 | 20.00 | 0.20 | 23.00 | COL. IZQ | LI |
| 2+680 | 5.52 | 5.51 | 20.00 | 0.20 | 22.04 | COL. IZQ | LI |
| 2+700 | 5.54 | 5.53 | 20.00 | 0.20 | 22.12 | COL. IZQ | LI |
| 2+720 | 5.10 | 5.32 | 20.00 | 0.20 | 21.28 | COL. IZQ | LI |
| 2+740 | 3.76 | 4.43 | 20.00 | 0.20 | 17.72 | COL. IZQ | LI |
| 2+760 | 3.50 | 3.63 | 20.00 | 0.20 | 14.52 | COL. IZQ | LI |
| 2+780 | 2.82 | 3.16 | 20.00 | 0.20 | 12.64 | COL. IZQ | LI |
| 2+800 | 0.00 | 1.41 | 20.00 | 0.20 | 5.64 | COL. IZQ | LI |
| | | | | | | | |
| 2+600 | 40.00 | 9.50 | según medicion | 0.20 | 76.00 | Colectora LI y Bajo Viaducto E1 | |
| | | | | | | | |
| 2+600 | 40.50 | 9.00 | según medicion | 0.20 | 72.90 | Colectora LI y Bajo Viaducto E2 | |
| | | | | | | | |
| 0+080 | 4.00 | | | | | Rotonda | |
| 0+090 | 3.00 | 3.50 | 10.00 | 0.20 | 7.00 | Rotonda | |
| 0+100 | 3.20 | 3.10 | 10.00 | 0.20 | 6.20 | Rotonda | |
| 0+110 | 2.20 | 2.70 | 10.00 | 0.20 | 5.40 | Rotonda | |
| 0+114 | 1.50 | 1.85 | 4.00 | 0.20 | 1.48 | Rotonda | |
| | | | | | | | |
| 0+143 | 1.30 | | | 0.20 | | Rotonda | según medicion |
| 0+161 | 4.00 | 2.65 | 25.00 | 0.20 | 13.25 | Rotonda | según medicion |
| +120 = 0+000 rotonda | | | | | | | |
| 0+120 | 7.35 | | | | | LI colectora | 0+000 salida |
| 0+120 | 7.35 | 7.35 | 10.00 | 0.20 | 14.70 | | 0+010 salida |
| | | | | | | | |
| 0+010 | 12.00 | | | | | Acc de Pto Remanso | LI |
| 0+020 | 12.00 | 12.00 | 10.00 | 0.20 | 24.00 | Acc de Pto Remanso | LI |
| 0+030 | 10.80 | 11.40 | 10.00 | 0.20 | 22.80 | Acc de Pto Remanso | LI |
| 0+040 | 5.80 | 8.30 | 10.00 | 0.20 | 16.60 | Acc de Pto Remanso | LI |
| 0+050 | 3.50 | 4.65 | 10.00 | 0.20 | 9.30 | Acc de Pto Remanso | LI |
| 0+060 | 3.50 | 3.50 | 10.00 | 0.20 | 7.00 | Acc de Pto Remanso | LI |
| 0+070 | 2.50 | 3.00 | 10.00 | 0.20 | 6.00 | Acc de Pto Remanso | LI |
| 0+080 | 3.00 | 2.75 | 10.00 | 0.20 | 5.50 | Acc de Pto Remanso | LI |
| 0+090 | 3.00 | 3.00 | 10.00 | 0.20 | 6.00 | Acc de Pto Remanso | LI |
| 0+100 | 3.20 | 3.10 | 10.00 | 0.20 | 6.20 | Acc de Pto Remanso | LI |
| 0+110 | 2.20 | 2.70 | 10.00 | 0.20 | 5.40 | Acc de Pto Remanso | LI |
| 0+114 | 1.50 | 1.85 | 4.00 | 0.20 | 1.48 | Acc de Pto Remanso | LI |
| | | | | | | | |
| 0+240 | 7.93 | | | | | LI colectora | 0+000 acceso |
| 0+240 | 7.93 | 7.93 | 20.00 | 0.20 | 31.72 | | 0+020 acceso |
| 0+240 | 5.93 | 6.93 | 20.00 | 0.20 | 27.72 | | 0+040 acceso |
| 0+240 | 3.15 | 4.54 | 20.00 | 0.20 | 18.16 | | 0+060 acceso |
| | | | | | | | |
| 2+240 | 11.10 | 11.10 | 10.20 | 0.20 | 22.64 | Boca Calle | LD |
| | | | | | | | |
| 2+600 | 10.60 | 10.60 | 8.50 | 0.20 | 18.02 | Boca Calle | LD |
| | | | | | | | |
| -0+010 | 14.00 | 14.00 | 10.00 | 0.20 | 28.00 | Boca Calle | LD |
| | | | | | | | |
| **Subtotal Frente 1** | | | | | **12,888.55** | | |
| | | | | | | | |
| 2+800 | 19.30 | | | | | LD | Calz+Colect |
| 2+820 | 19.30 | 19.30 | 20.00 | 0.20 | 77.20 | LD | Calz+Colect |
| 2+850 | 18.00 | 18.65 | 30.00 | 0.20 | 111.90 | LD | Calz+Colect |
| Puente Itay | | | | | | | |
| 2+910 | 9.68 | | | | | | |
| 3+033 | 9.68 | 9.68 | 123.00 | 0.20 | 238.13 | LD | Calzada |
| Puente Sobre Alliviadero | | | | | | | |
| 3+055 | 9.69 | | | | | | |
| 3+100 | 9.69 | 9.69 | 45.00 | 0.20 | 87.21 | LD | Calzada |
| 3+120 | 8.98 | 9.34 | 20.00 | 0.20 | 37.34 | LD | Calzada |
| 3+180 | 8.98 | 8.98 | 60.00 | 0.20 | 107.76 | LD | Calzada |



Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1+940 | | 12.50 | 12.50 | 20.00 | 0.20 | 50.00 | Calzada LI | |
| 1+960 | | 11.00 | 11.75 | 20.00 | 0.20 | 47.00 | Calzada LI | |
| 1+980 | | 9.50 | 10.25 | 20.00 | 0.20 | 41.00 | Calzada LI | |
| 2+000 | | 8.50 | 9.00 | 20.00 | 0.20 | 36.00 | Calzada LI | |
| 2+020 | | 8.50 | 8.50 | 20.00 | 0.20 | 34.00 | Calzada LI | |
| 2+040 | | 9.00 | 8.75 | 20.00 | 0.20 | 35.00 | Calzada LI | |
| 2+060 | | 10.00 | 9.50 | 20.00 | 0.20 | 38.00 | Calzada LI | |
| 2+080 | | 11.00 | 10.50 | 20.00 | 0.20 | 42.00 | Calzada LI | |
| 2+100 | | 10.50 | 10.75 | 20.00 | 0.20 | 43.00 | Calzada LI | |
| 2+120 | | 10.79 | 10.65 | 20.00 | 0.20 | 42.58 | Calzada LI | |
| 2+140 | | 12.67 | 11.73 | 20.00 | 0.20 | 46.92 | Calzada LI | |
| 2+160 | | 14.29 | 13.48 | 20.00 | 0.20 | 53.92 | Calzada LI | |
| | | | | | | | | |
| 2+160 | | 9.00 | | | | | Calzada LI | |
| 2+300 | | 9.00 | 9.00 | 140.00 | 0.20 | 252.00 | Calzada LI | |
| 2+483 | | 9.00 | 9.00 | 183.00 | 0.20 | 329.40 | Calzada LI | |
| | | | | | | | | |
| 2+483 | | 8.00 | | | | | Calzada LI | |
| 2+590 | | 8.00 | 8.00 | 107.00 | 0.20 | 171.20 | Calzada LI | |
| Viaducto Retorno | | | | | | | | |
| 2+615 | | 8.00 | | | | | Calzada LI | |
| 2+720 | | 8.00 | 8.00 | 105.00 | 0.20 | 168.00 | Calzada LI | |
| 2+740 | | 8.00 | 8.00 | 20.00 | 0.20 | 32.00 | Calzada LI | |
| 2+800 | | 8.00 | 8.00 | 10.00 | 0.20 | 16.00 | Calzada LI | |
| | | | | | | | | |
| 2+750 | | 11.00 | | | | | Calzada LI | |
| 2+760 | | 10.60 | 10.80 | 10.00 | 0.20 | 21.60 | Calzada LI | |
| 2+780 | | 9.82 | 10.21 | 20.00 | 0.20 | 40.84 | Calzada LI | |
| 2+800 | | 9.60 | 9.71 | 20.00 | 0.20 | 38.84 | Calzada LI | |
| | | | | | | | | |
| -0+120 | | 2.05 | | | | | CQL. IZQ | LI |
| -0+100 | | 3.05 | 2.55 | 20.00 | 0.20 | 10.20 | COL. IZQ | LI |
| -0+080 | | 4.05 | 3.55 | 20.00 | 0.20 | 14.20 | COL. IZQ | LI |
| -0+060 | | 4.95 | 4.50 | 20.00 | 0.20 | 18.00 | COL. IZQ | LI |
| -0+040 | | 5.85 | 5.40 | 20.00 | 0.20 | 21.60 | COL. IZQ | LI |
| -0+030 | | 6.15 | 6.00 | 10.00 | 0.20 | 12.00 | COL. IZQ | LI |
| -0+020 | | 6.65 | 6.40 | 10.00 | 0.20 | 12.80 | COL. IZQ | LI |
| -0+010 | | 6.95 | 6.80 | 10.00 | 0.20 | 13.60 | COL. IZQ | LI |
| 0+000 | | 7.05 | 7.00 | 10.00 | 0.20 | 14.00 | COL. IZQ | LI |
| 0+020 | | 7.35 | 7.20 | 20.00 | 0.20 | 28.80 | COL. IZQ | LI |
| 0+030 | | 8.15 | 7.75 | 10.00 | 0.20 | 15.50 | COL. IZQ | LI |
| 0+040 | | 7.30 | 7.73 | 10.00 | 0.20 | 15.45 | COL. IZQ | LI |
| 0+050 | | 7.35 | 7.33 | 10.00 | 0.20 | 14.65 | COL. IZQ | LI |
| 0+060 | | 7.98 | 7.67 | 10.00 | 0.20 | 15.33 | COL. IZQ | LI |
| 0+070 | | 7.35 | 7.67 | 10.00 | 0.20 | 15.33 | COL. IZQ | LI |
| 0+080 | | 7.35 | 7.35 | 10.00 | 0.20 | 14.70 | COL. IZQ | LI |
| 0+100 | | 7.35 | 7.35 | 20.00 | 0.20 | 29.40 | COL. IZQ | LI |
| 0+120 | | 7.35 | 7.35 | 20.00 | 0.20 | 29.40 | COL. IZQ | LI |
| | | | | | | | | |
| 0+240 | | 7.70 | | | | | COL. IZQ | LI |
| 0+260 | | 8.45 | 8.08 | 20.00 | 0.20 | 32.30 | COL. IZQ | LI |
| 0+280 | | 8.25 | 8.35 | 20.00 | 0.20 | 33.40 | COL. IZQ | LI |
| 0+330 | | 7.20 | 7.73 | 50.00 | 0.20 | 77.25 | COL. IZQ | LI |
| 0+340 | | 8.55 | 7.88 | 10.00 | 0.20 | 15.75 | COL. IZQ | LI |
| 0+360 | | 9.40 | 8.98 | 20.00 | 0.20 | 35.90 | COL. IZQ | LI |
| 0+378 | | 8.40 | 8.90 | 17.76 | 0.20 | 31.61 | COL. IZQ | LI |
| | | | | | | | | |
| 2+160 | | 5.50 | | | | | COL. IZQ | LI |
| 2+170 | | 6.40 | 5.95 | 10.00 | 0.20 | 11.90 | COL. IZQ | LI |
| 2+180 | | 7.20 | 6.80 | 10.00 | 0.20 | 13.60 | COL. IZQ | LI |
| 2+280 | | 7.20 | 7.20 | 100.00 | 0.20 | 144.00 | COL. IZQ | LI |
| | | | | | | | | |
| 2+280 | | 6.00 | | | | | COL. IZQ | LI |
| 2+340 | | 6.00 | 6.00 | 60.00 | 0.20 | 72.00 | COL. IZQ | LI |
| 2+360 | | 6.15 | 6.08 | 20.00 | 0.20 | 24.30 | COL. IZQ | LI |
| 2+380 | | 6.30 | 6.23 | 20.00 | 0.20 | 24.90 | COL. IZQ | LI |
| 2+460 | | 6.30 | 6.30 | 80.00 | 0.20 | 100.80 | COL. IZQ | LI |
| 2+480 | | 9.00 | 7.65 | 20.00 | 0.20 | 30.60 | COL. IZQ | LI |
| 2+500 | | 9.00 | 9.00 | 20.00 | 0.20 | 36.00 | COL. IZQ | LI |

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 2+600 | | 6.36 | 6.36 | 20.00 | 0.20 | 25.44 | COL. DER. | |
| 2+620 | | 7.70 | 7.03 | 20.00 | 0.20 | 28.12 | COL. DER. | |
| 2+640 | | 6.36 | 7.03 | 20.00 | 0.20 | 28.12 | COL. DER. | |
| 2+660 | | 6.15 | 6.26 | 20.00 | 0.20 | 25.02 | COL. DER. | |
| 2+680 | | 6.17 | 6.16 | 20.00 | 0.20 | 24.64 | COL. DER. | |
| 2+700 | | 6.42 | 6.30 | 20.00 | 0.20 | 25.18 | COL. DER. | |
| 2+720 | | 6.42 | 6.42 | 20.00 | 0.20 | 25.68 | COL. DER. | |
| 2+740 | | 6.72 | 6.57 | 20.00 | 0.20 | 26.28 | COL. DER. | |
| 2+760 | | 6.98 | 6.85 | 20.00 | 0.20 | 27.40 | COL. DER. | |
| 2+780 | | 7.27 | 7.13 | 20.00 | 0.20 | 28.50 | COL. DER. | |
| 2+800 | | 7.38 | 7.33 | 20.00 | 0.20 | 29.30 | COL. DER. | |
| | | | | | | | | |
| -0+010 | | 8.40 | | | | | Calzada LI | Rampa E1 |
| 0+065 | | 8.40 | 8.40 | 75.00 | 0.20 | 126.00 | Calzada LI | Rampa E1 |
| | | | | | | | | |
| 0+315 | | 8.60 | | | | | Calzada LI | Rampa E2 |
| 0+370 | | 8.60 | 8.60 | 55.00 | 0.20 | 94.60 | Calzada LI | Rampa E2 |
| 0+380 | | 8.40 | 8.50 | 10.00 | 0.20 | 17.00 | Calzada LI | Rampa E2 |
| 0+400 | | 8.40 | 8.40 | 20.00 | 0.20 | 33.60 | Calzada LI | Rampa E2 |
| 0+420 | | 8.20 | 8.30 | 20.00 | 0.20 | 33.20 | Calzada LI | |
| 0+440 | | 8.08 | 8.14 | 20.00 | 0.20 | 32.56 | Calzada LI | |
| 0+460 | | 7.16 | 7.62 | 20.00 | 0.20 | 30.48 | Calzada LI | |
| 0+480 | | 7.83 | 7.50 | 20.00 | 0.20 | 29.98 | Calzada LI | |
| 0+508 | | 6.96 | 7.40 | 28.00 | 0.20 | 41.41 | Calzada LI | |
| | | | | | | | | |
| 0+377 | | 4.30 | | | | | Calzada LI | Carril Adicional |
| 0+508 | | 4.30 | 4.30 | 131.00 | 0.20 | 112.66 | Calzada LI | Carril Adicional |
| | | | | | | | | |
| 0+508 | | 6.96 | | | | | Calzada LI | |
| 0+520 | | 6.84 | 6.90 | 12.00 | 0.20 | 16.55 | Calzada LI | |
| 0+540 | | 4.87 | 5.86 | 20.00 | 0.20 | 23.42 | Calzada LI | |
| 0+560 | | 9.80 | 7.34 | 20.00 | 0.20 | 29.34 | Calzada LI | |
| 0+580 | | 12.35 | 11.08 | 20.00 | 0.20 | 44.30 | Calzada LI | |
| 0+600 | | 10.25 | 11.30 | 20.00 | 0.20 | 45.20 | Calzada LI | |
| 0+620 | | 9.65 | 9.95 | 20.00 | 0.20 | 39.80 | Calzada LI | |
| 0+640 | | 9.65 | 9.65 | 20.00 | 0.20 | 33.60 | Calzada LI | |
| 0+660 | | 9.00 | 9.33 | 20.00 | 0.20 | 37.30 | Calzada LI | |
| 0+830 | | 9.00 | 9.00 | 170.00 | 0.20 | 305.00 | Calzada LI | |
| | | | | | | | | |
| 0+830 | | 9.48 | | | | | Calzada LI | |
| 1+000 | | 9.48 | 9.48 | 170.00 | 0.20 | 322.32 | Calzada LI | |
| 1+020 | | 9.40 | 9.44 | 20.00 | 0.20 | 37.76 | Calzada LI | |
| 1+220 | | 9.40 | 9.40 | 200.00 | 0.20 | 376.00 | Calzada LI | |
| 1+240 | | 9.48 | 9.44 | 20.00 | 0.20 | 37.76 | Calzada LI | |
| 1+380 | | 9.48 | 9.48 | 140.00 | 0.20 | 265.44 | Calzada LI | |
| | | | | | | | | |
| 1+380 | | 9.20 | | | | | Calzada LI | |
| 1+400 | | 9.20 | 9.20 | 20.00 | 0.20 | 36.80 | Calzada LI | |
| 1+420 | | 9.20 | 9.20 | 20.00 | 0.20 | 36.80 | Calzada LI | |
| 1+440 | | 9.20 | 9.20 | 20.00 | 0.20 | 36.80 | Calzada LI | |
| 1+456 | | 10.85 | 10.03 | 16.00 | 0.20 | 32.08 | Calzada LI | |
| | | | | | | | | |
| 1+456 | | 9.20 | | | | | Calzada | LI |
| 1+480 | | 10.83 | 10.02 | 24.00 | 0.20 | 48.07 | Calzada | LI |
| 1+500 | | 12.83 | 11.83 | 20.00 | 0.20 | 47.32 | Calzada | LI |
| 1+510 | | 10.85 | 11.84 | 10.00 | 0.20 | 23.68 | Calzada | LI |
| | | | | | | | | |
| 1+510 | | 9.20 | | | | | | |
| 1+520 | | 10.50 | 9.85 | 10.00 | 0.20 | 19.70 | Calzada LI | |
| 1+540 | | 10.30 | 10.40 | 20.00 | 0.20 | 41.60 | Calzada LI | |
| 1+560 | | 10.30 | 10.30 | 20.00 | 0.20 | 41.20 | Calzada LI | |
| 1+570 | | 10.00 | 10.15 | 10.00 | 0.20 | 20.30 | Calzada LI | |
| 1+580 | | 9.50 | 9.75 | 10.00 | 0.20 | 19.50 | Calzada LI | |
| 1+700 | | 9.50 | 9.50 | 120.00 | 0.20 | 228.00 | Calzada LI | |
| 1+720 | | 10.50 | 10.00 | 20.00 | 0.20 | 40.00 | Calzada LI | |
| 1+910 | | 10.50 | 10.50 | 190.00 | 0.20 | 399.00 | Calzada LI | |
| | | | | | | | | |
| 1+910 | | 11.20 | | | | | Calzada LI | |
| 1+920 | | 12.50 | 11.85 | 10.00 | 0.20 | 23.70 | Calzada LI | |

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | |
|---|---|---|---|---|---|---|
| 2+020 | 9.00 | 9.00 | 61.00 | 0.20 | 109.80 | Calzada LD |
| 2+030 | 8.50 | 8.75 | 10.00 | 0.20 | 17.50 | Calzada LD |
| 2+100 | 8.50 | 8.50 | 70.00 | 0.20 | 119.00 | Calzada LD |
| 2+120 | 8.38 | 8.44 | 20.00 | 0.20 | 33.76 | Calzada LD |
| 2+133 | 8.38 | 8.38 | 13.00 | 0.20 | 21.79 | Calzada LD |
| Itercambiador | | | | | | |
| 2+133 | 8.35 | | | | | |
| 2+140 | 8.35 | 8.35 | 7.00 | 0.20 | 11.69 | Calzada LD |
| 2+160 | 6.86 | 7.61 | 20.00 | 0.20 | 30.42 | Calzada LD |
| 2+180 | 6.86 | 6.86 | 20.00 | 0.20 | 27.44 | Calzada LD |
| 2+200 | 9.00 | 7.93 | 20.00 | 0.20 | 31.72 | Calzada LD |
| 2+270 | 9.00 | 9.00 | 70.00 | 0.20 | 126.00 | Calzada LD |
| | | | | | | |
| 2+270 | 9.00 | | | | | |
| 2+500 | 9.00 | 9.00 | 230.00 | 0.20 | 414.00 | Calzada LD |
| 2+520 | 8.50 | 8.75 | 20.00 | 0.20 | 35.00 | Calzada LD |
| 2+590 | 8.50 | 8.50 | 70.00 | 0.20 | 119.00 | Calzada LD |
| | | | | | | |
| 2+615 | 8.31 | | | 0.20 | | Calzada LD |
| 2+620 | 8.31 | 8.31 | 5.00 | 0.20 | 8.31 | Calzada LD |
| 2+640 | 8.00 | 8.16 | 20.00 | 0.20 | 32.62 | Calzada LD |
| 2+660 | 8.42 | 8.21 | 20.00 | 0.20 | 32.84 | Calzada LD |
| 2+680 | 8.29 | 8.36 | 20.00 | 0.20 | 33.42 | Calzada LD |
| 2+700 | 8.63 | 8.46 | 20.00 | 0.20 | 33.84 | Calzada LD |
| 2+720 | 8.68 | 8.66 | 20.00 | 0.20 | 34.62 | Calzada LD |
| 2+740 | 9.00 | 8.84 | 20.00 | 0.20 | 35.36 | Calzada LD |
| 2+760 | 9.00 | 9.00 | 20.00 | 0.20 | 36.00 | Calzada LD |
| 2+780 | 9.00 | 9.00 | 20.00 | 0.20 | 36.00 | Calzada LD |
| 2+800 | 9.00 | 9.00 | 20.00 | 0.20 | 36.00 | Calzada LD |
| | | | | | | |
| -0+160 | 1.00 | | | | | COL. DER. |
| -0+140 | 3.00 | 2.00 | 20.00 | 0.20 | 8.00 | COL. DER. |
| -0+120 | 4.30 | 3.65 | 20.00 | 0.20 | 14.60 | COL. DER. |
| -0+100 | 4.60 | 4.45 | 20.00 | 0.20 | 17.80 | COL. DER. |
| -0+080 | 5.50 | 5.05 | 20.00 | 0.20 | 20.20 | COL. DER. |
| -0+070 | 7.00 | 6.25 | 10.00 | 0.20 | 12.50 | COL. DER. |
| -0+030 | 7.00 | 7.00 | 40.00 | 0.20 | 56.00 | COL. DER. |
| -0+020 | 7.00 | 7.00 | 10.00 | 0.20 | 14.00 | COL. DER. |
| -0+010 | 7.70 | 7.35 | 10.00 | 0.20 | 14.70 | COL. DER. |
| 0+000 | 7.70 | 7.70 | 10.00 | 0.20 | 15.40 | COL. DER. |
| 0+134 | 7.70 | 7.70 | 134.00 | 0.20 | 206.36 | COL. DER. |
| | | | | | | |
| 0+134 | 7.70 | | | | | COL. DER. Rotonda Pte. Remanso |
| 0+180 | 7.70 | 7.70 | 46.00 | 0.20 | 70.84 | COL. DER. Rotonda Pte. Remanso |
| 0+200 | 7.65 | 7.68 | 20.00 | 0.20 | 30.70 | COL. DER. Rotonda Pte. Remanso |
| 0+227 | 7.65 | 7.65 | 27.00 | 0.20 | 41.31 | COL. DER. Rotonda Pte. Remanso |
| | | | | | | |
| 0+227 | 7.65 | | | | | COL. DER. |
| 0+240 | 7.15 | 7.40 | 13.00 | 0.20 | 19.24 | COL. DER. |
| 0+260 | 7.30 | 7.23 | 20.00 | 0.20 | 28.90 | COL. DER. |
| 0+280 | 6.50 | 6.90 | 20.00 | 0.20 | 27.60 | COL. DER. |
| 0+380 | 6.50 | 6.50 | 100.00 | 0.20 | 130.00 | COL. DER. |
| 0+390 | 7.05 | 6.78 | 10.00 | 0.20 | 13.55 | COL. DER. |
| 0+480 | 7.05 | 7.05 | 90.00 | 0.20 | 126.90 | COL. DER. |
| 0+528 | 6.80 | 6.93 | 48.00 | 0.20 | 66.48 | COL. DER. |
| Itercambiador | | | | | | |
| 0+575 | 3.00 | | | | | COL. DER. |
| 0+580 | 3.05 | 3.03 | 5.00 | 0.20 | 3.03 | COL. DER. |
| 0+600 | 3.30 | 3.18 | 20.00 | 0.20 | 12.70 | COL. DER. |
| | | | | | | |
| 2+180 | 7.00 | | | | | |
| 2+270 | 7.00 | 7.00 | 90.00 | 0.20 | 126.00 | COL. DER. |
| | | | | | | |
| 2+270 | 6.85 | | | | | |
| 2+400 | 6.85 | 6.85 | 130.00 | 0.20 | 178.10 | COL. DER. |
| | | | | | | |
| 2+400 | 6.00 | | | | | COL. DER. |
| 2+560 | 6.00 | 6.00 | 160.00 | 0.20 | 192.00 | COL. DER. |
| 2+580 | 6.36 | 6.18 | 20.00 | 0.20 | 24.72 | COL. DER. |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
ing. CESAR DANIEL DELGADO
Representante Legal

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Cantidad total de Muro de Protección Mampostería PB = 72.23 m3

ITEM 3 - PAQUETE ESTRUCTURAL

Item N°: 46 Sub-base granular estabilizada Unidad: m3

| Progresivas | Ancho | Ancho promedio | Longitud | Espesor | Cantidad | Observaciones | |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| 0+000 | 8.40 | | | | | RAMPA E1 | LD |
| 0+072 | 8.40 | 8.40 | 72.00 | 0.20 | 120.96 | RAMPA E1 | LD |
| | | | | | | | |
| 0+315 | 8.74 | | | | | RAMPA E2 | LD |
| 0+320 | 8.70 | 8.72 | 5.00 | 0.20 | 3.72 | RAMPA E2 | LD |
| 0+340 | 8.74 | 8.72 | 20.00 | 0.20 | 34.88 | RAMPA E2 | LD |
| 0+360 | 8.60 | 8.67 | 20.00 | 0.20 | 34.68 | RAMPA E2 | LD |
| 0+380 | 8.50 | 8.55 | 20.00 | 0.20 | 34.20 | RAMPA E2 | LD |
| | | | | | | | |
| 0+380 | 8.00 | | | | | RAMPA E2 | LD |
| 0+400 | 8.00 | 8.00 | 20.00 | 0.20 | 32.00 | RAMPA E2 | LD |
| 0+420 | 8.97 | 8.49 | 20.00 | 0.20 | 33.94 | RAMPA E2 | LD |
| 0+440 | 8.87 | 8.92 | 20.00 | 0.20 | 35.68 | RAMPA E2 | LD |
| 0+460 | 9.00 | 8.94 | 20.00 | 0.20 | 35.74 | RAMPA E2 | LD |
| 0+480 | 9.00 | 9.00 | 20.00 | 0.20 | 36.00 | Calzada LD | |
| 0+500 | 9.00 | 9.00 | 20.00 | 0.20 | 36.00 | Calzada LD | |
| 0+528 | 9.00 | 9.00 | 28.00 | 0.20 | 50.40 | Calzada LD | |
| | | | | | | | |
| 0+528 | 9.00 | | | | | Calzada LD | Intercambiador |
| 0+540 | 9.00 | 9.00 | 12.00 | 0.20 | 21.60 | Calzada LD | Intercambiador |
| 0+560 | 9.00 | 9.00 | 20.00 | 0.20 | 36.00 | Calzada LD | Intercambiador |
| 0+575 | 9.00 | 9.00 | 15.00 | 0.20 | 27.00 | Calzada LD | Intercambiador |
| | | | | | | | |
| 0+575 | 10.22 | | | | | Calzada LD | |
| 0+580 | 10.44 | 10.33 | 5.00 | 0.20 | 10.33 | Calzada LD | |
| 0+600 | 10.92 | 10.68 | 20.00 | 0.20 | 42.72 | Calzada LD | |
| 0+620 | 10.61 | 10.77 | 20.00 | 0.20 | 43.06 | Calzada LD | |
| 0+640 | 11.25 | 10.93 | 20.00 | 0.20 | 43.72 | Calzada LD | |
| 0+660 | 10.50 | 10.88 | 20.00 | 0.20 | 43.50 | Calzada LD | |
| 0+680 | 10.36 | 10.43 | 20.00 | 0.20 | 41.72 | Calzada LD | |
| 0+700 | 9.43 | 9.90 | 20.00 | 0.20 | 39.58 | Calzada LD | |
| 0+710 | 9.00 | 9.22 | 10.00 | 0.20 | 18.43 | Calzada LD | |
| 0+940 | 9.00 | 9.00 | 230.00 | 0.20 | 414.00 | Calzada LD | |
| 0+960 | 9.20 | 9.10 | 20.00 | 0.20 | 36.40 | Calzada LD | |
| 0+990 | 9.20 | 9.20 | 30.00 | 0.20 | 55.20 | Calzada LD | |
| 1+000 | 9.00 | 9.10 | 10.00 | 0.20 | 18.20 | Calzada LD | |
| 1+020 | 9.58 | 9.29 | 20.00 | 0.20 | 37.16 | Calzada LD | |
| 1+040 | 10.77 | 10.18 | 20.00 | 0.20 | 40.70 | Calzada LD | |
| 1+060 | 11.77 | 11.27 | 20.00 | 0.20 | 45.08 | Calzada LD | |
| 1+085 | 12.00 | 11.89 | 25.00 | 0.20 | 59.43 | Calzada LD | |
| | | | | | | | |
| 1+085 | 7.00 | | | | | | |
| 1+165 | 7.00 | 7.00 | 80.00 | 0.20 | 112.00 | Calzada LD | Itercambiador |
| | | | | | | | |
| 1+165 | 9.00 | | | | | | |
| 1+520 | 9.00 | 9.00 | 355.00 | 0.20 | 639.00 | Calzada LD | |
| 1+540 | 9.20 | 9.10 | 20.00 | 0.20 | 36.40 | Calzada LD | |
| 1+560 | 9.20 | 9.20 | 20.00 | 0.20 | 36.80 | Calzada LD | |
| 1+570 | 9.10 | 9.15 | 10.00 | 0.20 | 18.30 | Calzada LD | |
| 1+740 | 9.10 | 9.10 | 170.00 | 0.20 | 309.40 | Calzada LD | |
| 1+760 | 9.30 | 9.20 | 20.00 | 0.20 | 36.80 | Calzada LD | |
| 1+840 | 9.30 | 9.30 | 80.00 | 0.20 | 148.80 | Calzada LD | |
| 1+850 | 7.00 | 8.15 | 10.00 | 0.20 | 16.30 | Calzada LD | |
| 1+860 | 7.00 | 7.00 | 10.00 | 0.20 | 14.00 | Calzada LD | |
| 1+875 | 7.00 | 7.00 | 15.00 | 0.20 | 21.00 | Calzada LD | |
| Itercambiador | | | | | | | |
| 1+875 | 7.00 | | | | | | |
| 1+940 | 7.00 | 7.00 | 65.00 | 0.20 | 91.00 | Calzada LD | Itercambiador |
| 1+959 | 7.00 | 7.00 | 19.00 | 0.20 | 26.60 | Calzada LD | Itercambiador |
| Itercambiador | | | | | | | |
| 1+959 | 9.00 | | | | | | |



Ing. Cristobal Coñene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Viga de Fundación | | 166.27 | 1.00 | | | 166.27 | -0+049 | Canal |
| **Subtotal Frente 2** | | | | | | **99025.89** | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |

**Parcial= 99,025.89 kg**

**Cantidad total de Acero pasivo = 99,025.89 kg**

**Item Nº: 44.4 Dren Longitudinal Canal de H A** Unidad: **ml**

| Designación | | Longitud [ml] | | | Cantidad | Total | Lado | Observaciones |
|---|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | | **0.00** | | |
| Tipo 1 | | 245.00 | | | 2.00 | 490.00 | | |
| **Subtotal Frente 2** | | | | | | **490.00** | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |

**Parcial= 490.00 ml**

**Cantidad total de Dren Longitudinal Canal de H A = 490.00 ml**

**Item Nº: 44.5 Relleno Granular Canal de H A** Unidad: **m3**

| Designación | | Ancho [m] | Longitud [m] | Espesor [m] | | Volumen [m3] | Observaciones |
|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | | **0.00** | |
| -0+049 | 0+196 | 9.20 | 245.00 | 0.15 | | 338.10 | |
| **Subtotal Frente 2** | | | | | | **338.10** | |
| **Subtotal Frente 3** | | | | | | **0.00** | |
| **Subtotal Frente 4** | | | | | | **0.00** | |

**Parcial= 338.10 m3**

**Cantidad total de Relleno Granular Canal de H A = 338.10 m3**

**Item Nº: 45 Muro de Protección Mampostería PB** Unidad: **m3**

| Descripción | | Altura | Espesor | Longitud | Volumen | Acumulado | Observaciones | |
|---|---|---|---|---|---|---|---|---|
| 1+200 | | 2.50 | 0.60 | 9.70 | | 14.55 | Muro de descarga | Calle interna Sist.A.C.D. 1,0 x 1,0 |
| 1+200 | | 2.50 | 0.60 | 17.60 | | 26.40 | Muro de descarga | Calle interna Sist.A.C.D. 1,0 x 1,0 |
| 1+200 | | 2.00 | 0.50 | 1.75 | | 1.75 | Muro de descarga | Calle interna Sist.A.C.D. 1,0 x 1,0 |
| 1+200 | | 2.50 | 0.50 | 7.30 | | 9.13 | Muro de descarga | Calle interna Sist.A.C.D. 1,0 x 1,0 |
| 2+800 | LI | 1.00 | 0.50 | 10.50 | | 5.25 | Muro contencion cruce 2+800 | |
| 2+800 | LD | 1.00 | 0.50 | 10.50 | | 5.25 | Muro contencion cruce 2+800 | |
| **Subtotal Frente 1** | | | | | | **62.33** | | |
| 4+450 | 4+458 | 1.00 | 0.60 | 2.20 | 7.50 | 9.90 | | |
| **Subtotal Frente 2** | | | | | | **9.90** | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |

**Parcial= 72.23 m3**

Ing. Cristobal Cohene G.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Subtotal Frente 2** | | | | | | **6.21** | |
| **Subtotal Frente 3** | | | | | | **0.00** | |
| **Subtotal Frente 4** | | | | | | **0.00** | |

**Parcial=** **14.55** **m3**

**Cantidad total de Losas de H°A° =** **14.55 m3**

**Item Nº: 44.1 Hormigón de limpieza y regularización** Unidad: **m3**

| Designacion | | Ancho (m) | Longitud (m) | Espesor (m) | | Volumen (m3) | Lado | Observaciones |
|---|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | | **0.00** | | |
| -0+049 | 0+000 | 9.20 | 49.00 | 0.10 | | 45.08 | Canal FERUSA | |
| 0+000 | 0+020 | 9.20 | 20.00 | 0.10 | | 18.40 | Canal FERUSA | |
| 0+020 | 0+100 | 9.20 | 80.00 | 0.10 | | 73.60 | Canal FERUSA | |
| 0+100 | 0+166 | 9.20 | 66.00 | 0.10 | | 60.72 | Canal FERUSA | |
| 0+166 | 0+190 | 9.20 | 24.00 | 0.10 | | 22.08 | Canal FERUSA | |
| 0+190 | 0+196 | 9.28 | 6.00 | 0.10 | | 5.57 | Canal FERUSA | |
| **Subtotal Frente 2** | | | | | | **225.45** | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |

**Parcial=** **225.45 m3**

**Cantidad total de Hormigón de limpieza y regularización =** **225.45 m3**

**Item Nº: 44.2 Canal de H A** Unidad: **m3**

| Designacion | | Longitud (m) | Seccion (m²) | Cantidad | | Vol (m3) | Lado | Observaciones |
|---|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | | **0.00** | | |
| -0+049 | 0+190 | 239.00 | 2.23 | 1.00 | | 532.97 | Canal Ferusa | Solera |
| 0+190 | 0+196 | 6.00 | 2.44 | 1.00 | | 14.64 | (Transición) | Solera |
| -0+049 | 0+196 | 245.00 | 0.60 | 2.00 | | 294.00 | Canal Ferusa | Muros inferiores |
| -0+049 | 0+014 | 63.00 | 0.20 | 2.00 | | 25.20 | Canal Ferusa | Muros superiores |
| 0+014 | 0+196 | 182.00 | 0.30 | 2.00 | | 109.20 | Canal Ferusa | Muros superiores |
| Viga de Fundacion | | 9.20 | 0.30 | 1.00 | | 2.76 | Canal Ferusa | |
| Muro de Protección | 0+196 | 8.85 | 1.30 | 0.30 | | 3.45 | | ACC 2,00x2,00 |
| **Subtotal Frente 2** | | | | | | **982.22** | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |

**Parcial=** **982.22 m3**

**Cantidad total de Canal de H A =** **982.22 m3**

**Item Nº: 44.3 Acero pasivo** Unidad: **kg**

| Designacion | | Peso (Kg/Modulo) | Cant. Módulos | | | Total (Kg) | Lado | Observaciones |
|---|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | | **0.00** | | |
| Solera | | 1654.76 | 40.83 | | | 67569.25 | | |
| -0+049 | 0+014 | 690.09 | 10.50 | | | 7245.97 | Muros | |
| 0+014 | 0+196 | 765.85 | 30.33 | | | 23230.63 | Muros | |
| Muro de Protección | | 813.78 | 1.00 | | | 813.78 | 0+196 | ACC 2,00x2,00 |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4+780 | A | 1.45 | 1.45 | 0.10 | | 0.21 | LD | |
| | B | 1.45 | 2.43 | 0.10 | | 0.35 | LD | |
| 4+761 | 4861 | 99.60 | 0.03 | 2.00 | | 5.58 | | Subida del Viaducto |
| 4+900 | | 11.50 | 1.00 | 0.10 | | 1.15 | Bajada | LD |
| 5+000 | | 135.70 | 2.02 | 0.10 | | 27.41 | Cuneta Revestida | FERUSA |
| 5+000 | | 11.00 | 1.00 | 0.10 | | 1.10 | Bajada | Bajo Viaducto |
| 5+100 | | 11.00 | 1.00 | 0.10 | | 1.10 | Bajada | LI |
| 5+000 | 5+080 | 82.50 | 2.02 | 0.10 | | 16.67 | Costado de FERUSA | B 1,6 b 0,6 H 0,50 |
| 5+000 | 5+080 | 29.00 | 2.02 | 0.10 | | 5.86 | Costado de FERUSA | |
| 5+200 | | 2.30 | 1.25 | 0.15 | 2.00 | 0.86 | Registro de 4x2.00x2.00 | |
| | | 1.70 | 1.25 | 0.15 | 2.00 | 0.64 | Registro de 4x2.00x2.00 | |
| 5+280 | | 1.70 | 1.30 | 0.15 | | 0.33 | Registro Abierto | |
| | | 2.90 | 1.70 | 0.15 | | 0.74 | Registro Abierto | |
| | | 2.80 | 1.70 | 0.15 | | 0.71 | Registro Abierto | |
| 5+280 | | 29.00 | 2.01 | 0.10 | | 5.83 | Cuneta Revestida | LD |
| | | 7.50 | 2.01 | 0.10 | | 1.51 | Cuneta Revestida | LD |
| 0+000 | | 6.00 | 1.00 | 0.10 | | 0.60 | Bajada | Ramal a Circunv. LD |
| 0+180 | | 6.00 | 1.00 | 0.10 | | 0.60 | Bajada | Ramal a Circunv. LD |
| 0+210 | | 4.00 | 1.00 | 0.10 | | 0.40 | Bajada | Ramal a Circunv. LD |
| 5+410 | | 7.00 | 0.70 | 0.10 | | 0.49 | Bajada | LI |
| Ramal a Circunvalación | | | | | | | | |
| 5+260 | | 4.00 | 1.00 | 0.10 | | 0.40 | | Ramal a Circunv. LD |
| 5+260 | | | | | | | | |
| 5+283 | | 23.00 | 0.80 | 0.10 | | 1.84 | | Ramal a Circunv. LD |
| 5+210 | | | | | | | | |
| 5+264 | | 54.00 | 0.80 | 0.10 | | 4.32 | | Ramal a Circunv. LD |
| 2+800 | 5+300 | | | | | 15.00 | | |
| **Subtotal Frente 2** | | | | | | **186.01** | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |

**Parcial=** **291.22 m3**

**Cantidad total de Cuneta revestida de hormigón = 291.22 m3**

**Item Nº: 44 Losas de HºAº** Unidad: m3

| Descripción | Ancho | Espesor | Longitud | Cant. | Acumulado | Observaciones | | |
|---|---|---|---|---|---|---|---|---|
| Calle Interna Sist. 1+200 A.C.D. 1,0 x 1 | 4.50 | 0.10 | 17.60 | | 7.92 | Muro de descarga | | |
| Calle Interna Sist. 1+200 A.C.D. 1,0 x 1 | 0.40 | 0.40 | 2.60 | | 0.42 | Muro de descarga | | |
| **Subtotal Frente 1** | | | | | **8.34** | | | |
| 3+725 | 2.80 | 1.80 | 0.15 | 1.00 | 0.76 | LD | LD | Tapa de Hº |
| 4+100 | 2.10 | 1.50 | 0.15 | 1.00 | 0.47 | | Bº Pilar del Norte | Tapa de Hº |
| 4+660 | 3.00 | 0.20 | 3.30 | 2.00 | 3.96 | LD | LD | Pontillón |
| 5+120 | 1.00 | 2.70 | 0.12 | 3.15 | 1.02 | LD | LD | |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | | **105.22** | | |
| 2+911 | 3+040.00 | 129.30 | 1.10 | 0.08 | | 11.38 | | LD - Entre Puentes |
| 2+942.00 | | 6.70 | 0.70 | 0.15 | | 0.70 | LD | Entre Puentes |
| | | 13.40 | 0.15 | 0.15 | | 0.30 | LD | Entre Puentes |
| 2+946.90 | | 4.50 | 0.70 | 0.15 | | 0.47 | LD | Entre Puentes |
| | | 9.00 | 0.15 | 0.15 | | 0.20 | LD | Entre Puentes |
| 2+972.00 | | 6.70 | 0.70 | 0.15 | | 0.70 | LD | Entre Puentes |
| | | 13.40 | 0.15 | 0.15 | | 0.30 | LD | Entre Puentes |
| 2+973.60 | | 4.20 | 0.70 | 0.15 | | 0.44 | LD | Entre Puentes |
| | | 8.40 | 0.15 | 0.15 | | 0.19 | LD | Entre Puentes |
| 3+008.50 | | 4.20 | 0.70 | 0.15 | | 0.44 | LD | Entre Puentes |
| | | 8.40 | 0.15 | 0.15 | | 0.19 | LD | Entre Puentes |
| 3+700 | 3+721 | 21.00 | 1.00 | 0.15 | | 3.15 | Bocacalle | Baden |
| 3+725 | | 12.70 | 1.60 | 0.10 | | 2.03 | LD | |
| 4+180 | | 20.00 | 1.29 | 0.10 | | 2.59 | LD | |
| 4+642 | A | 6.50 | 0.05 | 1.00 | | 0.33 | LD | |
| | B | 6.50 | 0.02 | 2.00 | | 0.20 | LD | |
| 5+177 | 5+221 | 44.00 | 1.50 | 0.15 | | 9.90 | LD | |
| 3+002.00 | | 6.70 | 0.70 | 0.15 | | 0.70 | LI | Entre Puentes |
| | | 13.40 | 0.15 | 0.15 | | 0.30 | LI | Entre Puentes |
| 3+024.00 | | 6.70 | 0.70 | 0.15 | | 0.70 | LI | Entre Puentes |
| | | 13.40 | 0.15 | 0.15 | | 0.30 | LI | Entre Puentes |
| 3+140 | | 8.70 | 1.12 | 0.10 | | 0.97 | LI | |
| 3+215 | | 9.30 | 1.12 | 0.10 | | 1.04 | LI | |
| 3+290 | | 9.00 | 1.12 | 0.10 | | 1.01 | LI | |
| 3+360 | | 7.40 | 1.12 | 0.10 | | 0.83 | LI | |
| 3+430 | | 7.40 | 1.12 | 0.10 | | 0.83 | LI | |
| 3+146 | 3+286 | 140.00 | 1.12 | 0.08 | | 12.54 | | Entre Calzada |
| 3+286 | 3+336 | 50.00 | 1.29 | 0.08 | | 5.18 | | Entre Calzada |
| 3+336 | 3+436 | 100.00 | 1.12 | 0.10 | | 11.20 | | Entre Calzada |
| 3+812 | 3+970 | 158.00 | 0.50 | 0.07 | | 5.53 | LD | Rampa Pr 4+000 |
| 3+812 | 3+970 | 158.00 | 0.50 | 0.07 | | 5.53 | LI | Rampa Pr 4+000 |
| 4+000 | 4+142 | 142.00 | 0.50 | 0.07 | | 4.97 | LD | Entre Calzada |
| 4+000 | 4+144 | 144.00 | 0.50 | 0.07 | | 5.04 | LI | Entre Calzada |
| 4+100 | | 2.10 | 1.50 | 0.10 | | 0.32 | Bº Pilar del Norte | Base de Hº |
| 4+500 | A | 4.60 | 0.05 | 1.00 | | 0.23 | LI | |
| | B | 4.60 | 0.02 | 2.00 | | 0.14 | LI | |
| 4+630 | A | 5.50 | 0.05 | 1.00 | | 0.28 | LI | |
| | B | 5.50 | 0.02 | 2.00 | | 0.17 | LI | |
| 4+640 | A | 4.50 | 0.11 | 1.00 | | 0.47 | LI | |
| | B | 4.50 | 0.02 | 2.00 | | 0.20 | LI | |
| 4+670 | A | 5.20 | 0.11 | 0.15 | | 0.08 | LI | |
| | B | 5.20 | 0.02 | 2.00 | | 0.23 | LI | |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0+250 | 0+265 | 2.40 | 0.15 | 15.00 | | 5.40 | L.I. | |
| 0+265 | 0+492 | 2.40 | 0.15 | 227.00 | | 81.72 | L.I. | |
| 0+492 | 0+502 | 2.40 | 0.15 | 10.00 | | 3.60 | L.I. | |
| | | | | | | | | |
| 0+000 | 0+156 | 7.20 | 0.15 | 156.00 | | 168.48 | LD | ACT2,0x2,0 -065 |
| 0+156 | 0+272 | 7.20 | 0.15 | 116.00 | | 125.28 | LD | ACT2,0x2,0 -064 |
| 0+272 | 0+356 | 7.20 | 0.15 | 84.00 | | 90.72 | LD | ACT2,0x2,0 -063 |
| 0+356 | 0+391 | 7.20 | 0.15 | 34.50 | | 37.26 | LD | ACT2,0x2,0 -062 |
| | | | | | | | | |
| Calle interna Sist. 5+500 | 5+415 Acc. Limpio | 2.30 | 0.15 | 14.00 | | 4.83 | L.D. | ACS1,0x1,0 - |
| | | | | | | | | |
| Calle interna Sist. 5+200 | 5+505 | 5.05 | 0.15 | 29.00 | | 21.97 | LD | ACD1,5x1,5 -063a |
| | | | | | | | | |
| 0+000 | 0+044 | 7.20 | 0.15 | 44.00 | | 47.52 | LD | Sist. 5+200, A.C.T. 2,0 x 2,0 Ampliacion L.D. |
| | | | | | | | | |
| 0+000 | 0+010 | 7.20 | 0.15 | 10.00 | | 10.80 | L.I. | Sist. 5+200, A.C.T. 2,0 x 2,0 Ampliacion L.I. |
| | | | | | | | | |
| Cruce Ruta | 7+445 | 4.45 | 0.15 | 30.00 | | 20.03 | | |
| Cruce Ruta | 7+453 | 4.45 | 0.15 | 30.00 | | 20.03 | | |
| | | | | | | 4.75 | | |
| 6+940 | | 2.75 | 13.00 | 0.15 | | 5.36 | | ACD 1,00X1,00 |
| 7+960 | | 2.75 | 13.00 | 0.15 | | 5.36 | | ACD 1,00X1,00 |
| 8+400 | | 2.75 | 18.20 | 0.15 | | 7.51 | | ACD 1,00X1,00 |
| | | | | | | | | |
| 6+526 | | 5.10 | 12.00 | 0.15 | | 9.18 | | ACD 2,00X2,00 |
| 8+907 | | 5.10 | 15.00 | 0.15 | | 11.48 | | ACD 2,00X2,00 |
| | | | | | | | | |
| 6+940 | | 3.57 | 3.80 | 0.15 | | 2.03 | | ACD 1,00X1,00 |
| 7+960 | | 3.57 | 3.80 | 0.15 | | 2.03 | | ACD 1,00X1,00 |
| 7+960 | | 3.57 | 3.80 | 0.15 | | 2.03 | | ACD 1,00X1,00 |
| | | | | | | | | |
| 6+526 | | 6.44 | 7.10 | 0.15 | | 6.86 | | ACD 2,00X2,00 |
| | | | | | | | | |
| **Subtotal Frente 3** | | | | | | **794.31** | | |
| | | | | | | | | |
| 5+900 | | 8.00 | 2.00 | 0.15 | | 2.40 | | |
| 6+100 | | 15.00 | 2.00 | 0.15 | | 4.50 | | |
| 9+200 | | 15.00 | 2.00 | 0.15 | | 4.50 | | |
| | | | | | | | | |
| **Subtotal Frente 4** | | | | | | **11.40** | | |
| | | | | | | | | |

**Parcial= 8,999.69 m3**

**Cantidad total de Relleno Granular Alcantarillas,Sumideros y Registros = 8,999.69 m3**

**Item Nº: 43 Cuneta revestida de hormigón** Unidad: m3

| Progresivas | | Longitud | Seccion | Cantidad | | Vol [m3] | Lado | Observaciones |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| -0+018.65 | 0+072.50 | 91.15 | 0.50 | | 0.035 | 3.19 | LI | esp 0,07 - L.I. |
| | | | | | | | | |
| -0+018.65 | 0+072.50 | 91.15 | 0.50 | | 0.035 | 3.19 | LD | esp 0,07 - L.D. |
| | | | | | | | | |
| 0+313.50 | 0+410.00 | 96.50 | 0.50 | | 0.035 | 3.38 | LI | esp 0,07 - L.I. |
| | | | | | | | | |
| 2+413.00 | 2+590.00 | 177.00 | 0.50 | | 0.050 | 8.85 | LD | esp 0,10 - L.D. |
| | | | | | | | | |
| 2+615 | 2+680 | 65.00 | 0.50 | | 0.050 | 3.25 | LD | esp 0,10 - L.D. |
| | | | | | | | | |
| 2+780 | 2+834 | 54.00 | 1.04 | | | 56.16 | LI | eap 0,15 - L.I. |
| 2+834 | 2+839 | 5.00 | 1.04 | | | 5.20 | LI | eap 0,15- L.I. |
| | | | | | | | | |
| 2+360 | | 3.00 | 1.20 | | 0.50 | 0.5 | LI | Calzada a Colectora LI |
| | | | | | | | | |
| 2+421 | | 3.00 | 1.20 | | 0.50 | 0.5 | LI | Calzada a Colectora LI |
| | | | | | | | | |
| 2+628 | | 3.00 | 1.10 | | 0.50 | 0.5 | LI | Colectora LI Descarga |
| | | | | | | | | |
| 2+636 | | 3.00 | 1.10 | | 0.50 | 0.5 | LI | Colectora LI Descarga |
| | | | | | | | | |
| 2+400 | 2+800 | | | 20.00 | 20.00 | 20 | | |
| | | | | | | | | |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4+237 | | 2.55 | 4.42 | 0.15 | | 1.69 | L.D. | SC-111A |
| | | | | | | | | |
| 4+180 | | 10.60 | 2.60 | 0.15 | | 4.13 | LD | Rejilla en Boca Calle |
| | | | | | | | | |
| 4+300 | CI-110 | 2.80 | 20.00 | 0.15 | | 8.40 | LD | ACS 1,00x1,00 |
| | | 3.60 | 13.60 | 0.15 | | 7.34 | LD | Sumidero |
| | | | | | | | | |
| 4+320 | | 6.30 | 3.15 | | | | LD | |
| 4+340 | | 6.60 | 6.45 | 20.00 | | 129.00 | LD | |
| | | | | | | | | |
| 4+380 | Bocacalle | 2.00 | 8.00 | 0.15 | | 2.40 | L.D. | ATS 0,80 |
| 4+480 | Bocacalle | 2.00 | 12.00 | 0.15 | | 3.60 | L.D. | ATS 0,80 |
| | | | | | | | | |
| 4+346 | 4+397 | 2.30 | 51.00 | 0.15 | | 17.60 | LD | Cel. 1,00x1,00 |
| 4+397 | 4+398 | 3.45 | 1.30 | 0.15 | | 0.67 | LD | Registro 1,30x2,30 |
| 4+398 | 4+485 | 3.45 | 87.00 | 0.15 | | 45.02 | LD | Cel. 2x1,00x1,00 |
| 4+485 | 4+486 | 3.45 | 1.30 | 0.15 | | 0.67 | LD | Registro 1,30x2,30 |
| 4+487 | 4+534 | 3.45 | 47.00 | 0.15 | | 24.32 | LD | Cel. 2x1,00x1,00 |
| | | | | | | | | |
| 4+583 | 4+666 | 2.00 | 83.00 | 0.15 | | 24.90 | LD | Cel. 1,50x1,50 |
| 4+666 | 4+667 | 2.00 | 1.50 | 0.15 | | 0.45 | LD | Reg 1,50x2,00 |
| 4+667 | 4+788 | 2.00 | 121.00 | 0.15 | | 36.30 | LD | Cel. 1,50x1,50 |
| 4+788 | 4+790 | 2.00 | 1.50 | 0.15 | | 0.45 | LD | Reg 1,50x2,00 |
| 4+790 | 4+840 | 2.00 | 50.40 | 0.15 | | 15.12 | LD | Cel. 1,50x1,50 |
| 4+840 | 4+898 | 2.10 | 57.60 | 0.15 | | 18.14 | LD | Cel. 1,50x1,51 |
| 4+840 | 4+842 | 2.00 | 1.50 | 0.15 | | 0.45 | LD | Reg 1,50x2,00 |
| 4+842 | 4+949 | 2.00 | 107.60 | 0.15 | | 32.28 | LD | Cel. 1,50x1,50 |
| 4+949 | 4+955 | 2.20 | 5.70 | 0.15 | | 1.88 | LD | Cel. 1,50x1,51 |
| 4+955 | 4+956 | 2.20 | 1.50 | 0.15 | | 0.50 | LD | Reg 1,50x2,00 |
| 4+956 | 5+014 | 2.20 | 58.15 | 0.15 | | 19.19 | LD | Cel. 1,50x1,50 |
| 5+014 | 5+016 | 2.20 | 1.50 | 0.15 | | 0.50 | LD | Reg 1,50x2,01 |
| 5+016 | 5+066 | 2.20 | 50.20 | 0.15 | | 16.57 | LD | Cel. 1,50x1,51 |
| 5+066 | 5+068 | 2.20 | 1.50 | 0.15 | | 0.50 | LD | Reg 1,50x2,02 |
| 5+068 | 5+125 | 2.20 | 57.30 | 0.15 | | 18.91 | LD | Cel. 1,50x1,52 |
| 5+125 | 5+126 | 2.20 | 1.50 | 0.15 | | 0.50 | LD | Reg 1,50x2,03 |
| 5+126 | 5+191 | 2.20 | 65.00 | 0.15 | | 21.45 | LD | Cel. 1,50x1,53 |
| 5+191 | 5+193 | 2.20 | 1.50 | 0.15 | | 0.50 | LD | Reg 1,50x2,04 |
| | | | | | | | | |
| Sistema 4+080 | | | | | | | | |
| 0+000 | 0+040 | 3.80 | 40.00 | 0.15 | | 22.80 | | ACD 1,50x1,50 |
| 0+040 | 0+340 | 3.80 | 300.00 | 0.15 | | 171.00 | | ACD 1,50x1,50 |
| 0+340 | 0+590 | 3.80 | 250.00 | 0.15 | | 142.50 | | ACD 1,50x1,50 |
| 0+590 | 0+808 | 3.80 | 218.00 | 0.15 | | 124.26 | | ACD 1,50x1,50 Sistema 4+080 |
| 0+808 | 0+839 | 3.80 | 30.65 | 0.15 | | 17.47 | LI | ACD 1,50x1,50 |
| | | | | | | | | |
| A.C.C 2,00 x 2,00 | | | | | | | | |
| 0+196 | | | | | | | | |
| 0+220 | | 9.00 | 24.00 | 0.15 | | 32.40 | | ACC 2,00x2,00 |
| 0+240 | | 9.00 | 20.00 | 0.15 | | 27.00 | | ACC 2,00x2,00 |
| 0+260 | | 9.00 | 20.00 | 0.15 | | 27.00 | | ACC 2,00x2,00 |
| 0+280 | | 9.00 | 20.00 | 0.15 | | 27.00 | | ACC 2,00x2,00 |
| 0+300 | | 9.00 | 20.00 | 0.15 | | 27.00 | | ACC 2,00x2,00 |
| 0+320 | | 9.00 | 20.00 | 0.15 | | 27.00 | | ACC 2,00x2,00 |
| 0+380 | | 9.00 | 60.00 | 0.15 | | 81.00 | | ACC 2,00x2,00 |
| 0+392 | | 9.00 | 12.00 | 0.15 | | 16.20 | | ACC 2,00x2,00 |
| | | | | | | | | |
| Sistema FERUSA | | | | | | | | |
| 0+294 | | 1.50 | 12.00 | 0.15 | | 2.70 | LI | |
| | | | | | | | | |
| **Subtotal Frente 2** | | | | | | **3,217.43** | | |
| | | | | | | | | |
| -0+028 | 0+000 | 2.40 | 0.15 | 28.00 | | 10.08 | L.I. | ACS1,5x1,5 -061 |
| 0+000 | 0+155 | 2.40 | 0.15 | 155.00 | | 55.80 | L.I. | |
| 0+155 | 0+180 | 2.40 | 0.15 | 25.00 | | 9.00 | L.I. | |
| 0+180 | 0+192 | 2.40 | 0.15 | 12.00 | | 4.32 | L.I. | |
| 0+192 | 0+220 | 2.40 | 0.15 | 28.00 | | 10.08 | L.I. | ACS1,5x1,5 -060 |
| 0+220 | 0+235 | 2.40 | 0.15 | 15.00 | | 5.40 | L.I. | |
| 0+235 | 0+250 | 2.40 | 0.15 | 15.00 | | 5.40 | L.I. | |

Ing. Cristobal Coheno C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3+385 | 3+445 | 2.30 | 60.00 | 0.15 | | 20.70 | LI | Cel. 1,00x1,00 |
| 3+445 | 3+448 | 2.30 | 2.50 | 0.15 | | 0.86 | LI | Sum SC2a |
| 3+448 | 3+493 | 2.30 | 45.00 | 0.15 | | 15.53 | LI | Cel. 1,00x1,00 |
| 3+493 | 3+494 | 2.30 | 1.50 | 0.15 | | 0.52 | LI | Reg 1,50x1,50 |
| 3+494 | 3+524 | 2.30 | 30.00 | 0.15 | | 10.35 | LI | Cel. 1,00x1,00 |
| 3+524 | 3+527 | 2.30 | 2.60 | 0.15 | | 0.90 | LI | Sum SC2a |
| | | | | | | | | |
| 3+960 | | 1.64 | | | | | LI | Cam. Drenante |
| 3+980 | | 3.71 | 2.68 | 20.00 | | 53.50 | LI | Cam. Drenante |
| | | | | | | | | |
| 3+868 | | 2.55 | 4.42 | 0.15 | | 1.69 | LI | SC-118A |
| | | | | | | | | |
| 3+970 | | 2.55 | 4.42 | 0.15 | | 1.69 | LI | SUM |
| 4+041 | | 2.55 | 4.42 | 0.15 | | 1.69 | LI | SUM |
| | | | | | | | | |
| 4+129 | | 2.55 | 4.42 | 0.15 | | 1.69 | LI | SUM |
| | | | | | | | | |
| 4+170 | | 2.55 | 4.42 | 0.15 | | 1.69 | LI | SUM |
| | | | | | | | | |
| 4+240 | | 0.00 | | | | | LI | Cam. Drenante |
| 4+260 | | 2.09 | 1.05 | 20.00 | | 20.90 | LI | Cam. Drenante |
| | | | | | | | | |
| 5+244.70 | 5+264.70 | 2.00 | 20.00 | 0.15 | | 6.00 | LI | ACS 1,50x1,50 |
| | | | | | | | | |
| 3+176 | 3+177 | 1.50 | 1.30 | 0.15 | | 0.29 | LD | Registro Sca |
| 3+177 | 3+224 | 1.50 | 47.10 | 0.15 | | 10.60 | LD | Cel. 1,00x1,00 |
| 3+224 | 3+225 | 1.50 | 1.30 | 0.15 | | 0.29 | LD | Registro Sca |
| 3+225 | 3+266 | 1.50 | 40.70 | 0.15 | | 9.16 | LD | Cel. 1,00x1,00 |
| 3+266 | 3+267 | 1.50 | 1.30 | 0.15 | | 0.29 | LD | Registro Sca |
| 3+267 | 3+309 | 1.50 | 41.90 | 0.15 | | 9.43 | LD | Cel. 1,00x1,00 |
| 3+309 | 3+311 | 1.50 | 1.30 | 0.15 | | 0.29 | LD | Registro Sca |
| 3+311 | 3+334 | 1.50 | 23.50 | 0.15 | | 5.29 | LD | Cel. 1,00x1,00 |
| | | | | | | | | |
| 3+336.04 | 3+341.44 | 2.80 | 5.40 | 0.15 | | 2.27 | LD | ACD 1,00x1,00 |
| 3+341.44 | 3+401.44 | 2.80 | 60.00 | 0.15 | | 25.20 | LD | ACD 1,00x1,00 |
| 3+401.44 | 3+402.74 | 2.80 | 1.30 | 0.15 | | 0.55 | LD | Registro |
| 3+402.74 | 3+437.74 | 2.80 | 35.00 | 0.15 | | 14.70 | LD | ACD 1,00x1,00 |
| 3+437.74 | 3+439.04 | 2.80 | 1.30 | 0.15 | | 0.55 | LD | Registro |
| 3+439.04 | 3+489.04 | 2.80 | 50.00 | 0.15 | | 21.00 | LD | ACD 1,00x1,00 |
| 3+489.04 | 3+490.34 | 2.80 | 1.30 | 0.15 | | 0.55 | LD | Registro |
| 3+490.34 | 3+600.00 | 2.80 | 109.66 | 0.15 | | 46.06 | LD | ACD 1,00x1,00 |
| 3+600.00 | 3+601.30 | 2.80 | 1.30 | 0.15 | | 0.55 | LD | Registro |
| 3+601.30 | 3+701.30 | 2.80 | 100.00 | 0.15 | | 42.00 | LD | ACD 1,00x1,00 |
| 3+701.30 | 3+702.60 | 2.80 | 1.30 | 0.15 | | 0.55 | LD | Registro |
| 3+702.60 | 3+802.60 | 2.80 | 100.00 | 0.15 | | 42.00 | LD | ACD 1,00x1,00 |
| 3+802.60 | 3+803.90 | 2.80 | 1.30 | 0.15 | | 0.55 | LD | Registro |
| 3+803.90 | 3+818.30 | 2.80 | 14.40 | 0.15 | | 6.05 | LD | ACD 1,00x1,00 |
| | | | | | | | | |
| 3+940 | | 5.21 | | | | | | |
| 3+960 | | 7.76 | 6.49 | 20.00 | | 129.70 | | Camada Drenante |
| 3+980 | | 6.52 | 7.14 | 20.00 | | 142.80 | LD | Camada Drenante |
| 4+000 | | 3.85 | 5.19 | 20.00 | | 103.70 | LD | Camada Drenante |
| 4+020 | | 0.87 | 2.36 | 20.00 | | 47.20 | LD | Camada Drenante |
| Empalme | | | | | | | | |
| 4+020 | | 2.27 | | | | | | |
| 4+040 | | 2.37 | 2.32 | 20.00 | | 46.40 | LD | Camada Drenante |
| 4+052 | | 0.82 | 1.60 | 12.00 | | 19.14 | LD | Camada Drenante |
| | | | | | | | | |
| 3+941 | 3+995 | 1.50 | 53.53 | 0.15 | | 12.04 | LD | ACS 1,00x1,00 |
| 3+995 | 4+070 | 1.50 | 75.00 | 0.15 | | 16.88 | LD ACS 116 | ACS 1,00x1,00 |
| 4+070 | 4+087 | 3.80 | 17.00 | 0.15 | | 9.69 | LD | ACD 1,50x1,50 |
| 4+087 | 4+180 | 3.80 | 92.50 | 0.15 | | 52.73 | LD C113 A C112 | ACD 1,50x1,50 |
| 4+180 | 4+303 | 2.00 | 123.09 | 0.15 | | 36.93 | LD | ACS 1,50x1,50 |
| | | | | | | | | |
| 4+062 | CI 114 | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SC-021A |
| | | | | | | | | |
| 4+095 | CI-113 | 2.55 | 4.42 | 0.15 | | 1.69 | LD | Sumidero |
| | | | | | | | | |
| 4+148 | | 2.55 | 4.42 | 0.15 | | 1.69 | L.D. | Sumidero |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3+400 | | 2.56 | 4.85 | 20.00 | | 97.00 | LI | |
| 3+420 | | 3.18 | 3.18 | 20.00 | | 63.60 | LI | |
| 3+440 | | 3.18 | 3.18 | 20.00 | | 63.60 | LI | |
| | | | | | | | | |
| 3+176 | | 1.55 | 3.42 | 0.15 | | 0.80 | L.D. | Sumidero Sca |
| | | | | | | | | |
| 3+225 | | 1.55 | 3.42 | 0.15 | | 0.80 | L.D. | Sumidero Sca |
| | | | | | | | | |
| 3+267 | | 1.55 | 3.42 | 0.15 | | 0.80 | L.D. | Sumidero Sca |
| | | | | | | | | |
| 3+310 | | 1.55 | 3.42 | 0.15 | | 0.80 | L.D. | Sumidero Sca |
| | | | | | | | | |
| 3+330 | | 2.60 | 7.80 | 0.15 | | 3.04 | L.D. | Sumidero Sca |
| | | | | | | | | |
| 3+330 | | 5.15 | 17.20 | 0.15 | | 13.29 | LI | ACD 2,00x2,00 |
| 3+330 | | 5.15 | 16.00 | 0.15 | | 12.36 | LD | ACD 2,00x2,00 |
| 3+330 | | 5.15 | 11.53 | 0.15 | | 8.91 | LD | ACD 2,00x2,00 |
| | | | | | | | | |
| 3+353 | CI 107 | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | | | | | | | |
| 3+404 | CI 106 | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | | | | | | | |
| 3+450 | CI 105 | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | | | | | | | |
| 3+475 | | 1.55 | 3.42 | 0.15 | | 0.80 | LD | Sumidero Sca |
| | | | | | | | | |
| 3+551 | | 2.55 | 4.42 | 0.15 | | 1.69 | L.D. | Sumidero Sca |
| | | | | | | | | |
| 3+597 | CI 102 | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | | | | | | | |
| 3+613 | CI 101 | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | | | | | | | |
| 3+660 | CI 100 | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | | | | | | | |
| 3+714 | CI 099 | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | | | | | | | |
| 3+723 | CI 098 | 3.50 | 10.10 | 0.15 | | 5.30 | LD | SUM |
| | | | | | | | | |
| 3+732 | CI 097 | 2.55 | 7.84 | 0.15 | | 3.00 | LD | SUM |
| | | | | | | | | |
| 3+970 | | 2.55 | 7.84 | 0.15 | | 3.00 | LD | SUM |
| | | | | | | | | |
| 3+735 | CI 097 | 1.92 | | | | | LD | Camada Drenante |
| 3+752 | | 3.40 | 2.66 | 17.00 | | 45.19 | LD | Camada Drenante |
| | | | | | | | | |
| 3+774 | CI 096 | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | | | | | | | |
| 3+817 | CI 095 | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | | | | | | | |
| 3+816 | | 2.04 | | | | | LD | Camada Drenante |
| 3+820 | | 0.30 | 1.17 | 4.00 | | 4.68 | | Camada Drenante |
| 3+825 | | 1.99 | 1.15 | 5.00 | | 5.73 | LD | Camada Drenante |
| empalme | | | | | | | | |
| 3+825 | | 3.26 | | | | | LD | Camada Drenante |
| 3+850 | | 2.33 | 2.79 | 25.00 | | 69.86 | LD | Camada Drenante |
| | | | | | | | | |
| | | | | | | | | |
| 4+660 | | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SC - 052D |
| 4+800 | | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | | | | | | | |
| 5+062 | | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| 5+120 | | 2.55 | 4.42 | 0.15 | | 1.69 | LD | SUM |
| | | | | | | | | |
| 3+342 | | 2.30 | 5.10 | 0.15 | | 1.76 | Lateral LI | Cel. 1,00x1,00 |
| 3+341 | 3+343 | 2.30 | 1.50 | 0.15 | | 0.52 | LI | Reg 1,50x1,50 |
| 3+343 | 3+383 | 2.30 | 40.00 | 0.15 | | 13.80 | LI | Cel. 1,00x1,00 |
| 3+343 | 3+445 | 2.30 | 102.80 | 0.15 | | 35.47 | LI | Sum SC2a |

Ing. Cristobal Coiene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

## COMPUTO METRICO

### CONVENIO MODIFICATORIO N° 5

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1+967 | 1+978 | 2.80 | 0.45 | 11.40 | | 14.36 | LD | | |
| 1+978 | 1+990 | 2.80 | 0.45 | 11.60 | | 14.62 | LD | | |
| | | | | | | | | | |
| Cruce Ruta Sist. 2+1 | 1+990 | 2.10 | 0.45 | 5.50 | | 5.20 | LD | ACS1,5x1,5 -146 | CI-146 a CI-147 |
| Cruce Ruta Sist. 2+1 | 1+990 | 2.10 | 0.15 | 8.50 | | 2.68 | LD | ACS1,5x1,5 -146 | CI-146 a CI-147 |
| Cruce Ruta Sist. 2+1 | 1+990 | 2.10 | 0.15 | 19.00 | | 5.99 | L.I. | ACS1,5x1,5 -146 | CI-146 a CI-147 |
| 1+990 | 2+066 | 2.40 | 0.15 | 76.00 | | 27.36 | L.I. | ACS1,5x1,5 -147A | CI-147 a CI-147A |
| 2+066 | 2+177 | 2.40 | 0.15 | 111.00 | | 39.96 | L.I. | ACS1,5x1,5 -147B | CI-147A a CI-147B |
| Calle interna Sist. 2+ | 2+177 | 2.40 | 0.15 | 19.00 | | 6.84 | L.I. | ACS1,5x1,5 -147B1 | CI-147A a CI-147B |
| Calle interna Sist. 2+ | 2+177 | 2.40 | 0.15 | 63.00 | | 22.68 | L.I. | ACS1,5x1,5 -147C | CI-147B2 a CI-147C |
| Calle interna Sist. 2+ | 2+177 | 2.40 | 0.15 | 141.45 | | 50.92 | L.I. | ACS1,5x1,5 -147D/E | 147C a CI-147D a CI-147E |
| Calle interna Sist. 2+ | 2+177 | 2.40 | 0.15 | 133.09 | | 47.91 | L.I. | ACS1,5x1,5 -147F/G/H | 7E a CI-147F a CI-147G a Out |
| | | | | | | | | | |
| 2+020 | L.D. | 16.00 | 1.00 | 0.10 | | 1.50 | ST-011 2+020 | ATS1,00-150A | ST-011 a CI-150 |
| 2+066 | L.D. | 6.00 | 1.00 | 0.10 | | 0.60 | SC-151A 2+066 | ATS1,00-151A | SC-151A a CI-151 |
| 2+136 | L.D. | 6.00 | 1.00 | 0.10 | | 0.60 | SC-152A 2+136 | ATS1,00-152A | SC-152A a CI-152 |
| 2+187 | L.D. | 5.00 | 1.00 | 0.10 | | 0.50 | SC-153A 2+187 | ATS1,00-153A | SC-153A a CI-153 |
| | | | | | | | | | |
| Bocacalle 2+240 | L.D. | 1.50 | 0.15 | 15.0 | | 3.38 | ST-012 2+240 | ATS0,80-154A | ST-012 a CI-154 |
| | | | | | | | | | |
| 2+292 | L.D. | 5.00 | 1.00 | 0.10 | | 0.50 | SC-155A 2+292 | ATS1,00-155A | SC-155A a CI-155 |
| 2+372 | L.D. | 6.00 | 1.00 | 0.10 | | 0.60 | SC-156A 2+372 | ATS1,00-156A | SC-156A a CI-156 |
| 2+400 | L.D. | 6.00 | 1.00 | 0.10 | | 0.60 | SC-157A 2+400 | ATS1,00-157A | SC-157A a CI-157 |
| 2+448 | L.D. | 6.00 | 1.00 | 0.10 | | 0.60 | SC-158A 2+448 | ATS1,00-158A | SC-158A a CI-158 |
| 2+500 | L.D. | 1.50 | 0.15 | 6.00 | | 1.35 | SC 161a 2+500 | ATS0,80-161a | |
| 2+585 | L.D. | 1.50 | 0.15 | 6.00 | | 1.35 | SC 160a 2+585 | ATS0,80-160a | |
| | | | | | | | | | |
| Bocacalle 2+595 | L.D. | 1.50 | 0.15 | 13.0 | | 2.93 | ST-018 2+595 | ATS1,00-160B | ST-018 a CI-161 |
| | | | | | | | | | |
| 2+700 | L.D. | 1.50 | 0.15 | 6.00 | | 1.35 | SC 160c 2+700 | ATS0,80-160c | |
| | | | | | | | | | |
| 2+000 | 2+040 | 1.90 | 0.15 | 40.00 | | 11.40 | L.D. | ACS1,0x1,0 -149 | CI-149 a CI-150 |
| 2+040 | 2+060 | 1.90 | 0.15 | 20.00 | | 5.70 | L.D. | ACS1,0x1,0 -150 | CI-150 a CI-151 |
| 2+060 | 2+130 | 1.90 | 0.15 | 70.00 | | 19.95 | L.D. | ACS1,0x1,0 -151 | CI-151 a CI-152 |
| 2+130 | 2+181 | 1.90 | 0.15 | 51.00 | | 14.54 | L.D. | ACS1,0x1,0 -152 | CI-152 a CI-153 |
| 2+181 | 2+240 | 1.90 | 0.15 | 59.00 | | 16.82 | L.D. | ACS1,0x1,0 -153 | CI-153 a CI-154 |
| | | | | | | | | | |
| 2+241 | 2+297 | 2.10 | 56.00 | 0.15 | | 17.64 | LD | ACS1,5x1,5 -154 | CI-154 a CI-155 |
| 2+297 | 2+337 | 2.40 | 40.00 | 0.15 | | 14.40 | LD | ACS1,5x1,5 -155 | CI-155 a CI-156 |
| 2+337 | 2+396 | 2.40 | 59.00 | 0.15 | | 21.24 | LD | ACS1,5x1,5 -156 | CI-156 a CI-157 |
| 2+396 | 2+455 | 2.40 | 59.00 | 0.15 | | 21.24 | LD | ACS1,5x1,5 -157 | CI-157 a CI-158 |
| 2+455 | 2+465 | 2.40 | 10.00 | 0.20 | | 4.80 | LD | ACS1,5x1,5 -158 | CI-158 a CI-159 |
| 2+465 | 2+500 | 2.40 | 35.00 | 0.15 | | 12.60 | LD | | |
| | | | | | | | | | |
| 2+498 | 2+558 | 3.75 | 0.20 | 60.00 | | 45.00 | LD | ACD1,5x1,5 -160 | CI-0159 a CI-162 |
| 2+558 | 2+595 | 3.75 | 0.20 | 37.00 | | 27.75 | LD | ACD1,5x1,5 -160A | CI-162 a CI-161 |
| 2+595 | 2+676 | 3.75 | 0.20 | 81.00 | | 60.75 | LD | | |
| 2+676 | 2+686 | 3.75 | 0.35 | 10.00 | | 13.13 | LD | ACD1,5x1,5 -161 | CI-161 a CI-170 |
| 2+686 | 2+697 | 3.75 | 0.15 | 11.17 | | 6.28 | LD | | |
| 2+697 | 2+716 | 3.75 | 0.35 | 19.00 | | 24.94 | LD | | |
| 2+716 | 2+766 | 3.75 | 0.15 | 50.00 | | 28.13 | LD | ACD1,5x1,5 -162 | CI-170 a CI-171 |
| 2+766 | 2+771 | 3.75 | 0.40 | 5.00 | | 7.50 | LD | | |
| | | | | | | | | | |
| Cruce Ruta Sist. 2+800 | | 3.75 | 0.40 | 9.00 | | 13.50 | L.I. | ACD1,5x1,5 -163 | CI-171 a CI-172 |
| Cruce Ruta Sist. 2+800 | | 3.75 | 0.40 | 19.00 | | 28.50 | L.I. | ACD1,5x1,5 -164 | CI-172 a CI-173 |
| Cruce Ruta Sist. 2+800 | | 3.75 | 0.45 | 10.00 | | 16.88 | L.I. | ACD1,5x1,5 -165 | CI-173 a CI-174 |
| Cruce Ruta Sist. 2+800 | | 3.75 | 0.45 | 15.50 | | 26.16 | L.I. | ACD1,5x1,5 -166 | CI-174 a Descarga Itay |
| | | | | | | | | | |
| **Subtotal Frente 1** | | | | | | **4,976.55** | | | |
| | | | | | | | | | |
| 2+908 | | 5.85 | | | | | LI | | |
| 2+920 | | 6.56 | 6.21 | 12.00 | | 74.46 | LI | | |
| 2+940 | | 7.23 | 6.90 | 20.00 | | 137.90 | LI | | |
| | | | | | | | | | |
| 3+337 | | 4.17 | | | | | LI | | |
| 3+340 | | 3.98 | 8.04 | 3.00 | | 24.12 | LI | | |
| 3+360 | | 4.09 | 8.00 | 20.00 | | 159.90 | LI | | |
| 3+380 | | 3.01 | 7.24 | 20.00 | | 144.70 | LI | | |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

## COMPUTO METRICO

### CONVENIO MODIFICATORIO N° 5

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1+480 | | 7.91 | 8.39 | 20.00 | | 167.70 | L.I. Colectora | | |
| | | | | | | | | | |
| 0+457 | 0+527 | 2.10 | 0.35 | 70.00 | | 51.45 | L.D. | ACS1,0x1,0 -010 | CI-010 a CI-011 |
| Cruce Sist. 0+500, A.C.S. 1,0 x 1,0 | | 2.10 | 0.35 | 22.50 | | 16.54 | | ACS1,0x1,0 -011 | CI-011 a CI-012 |
| Cruce Sist. 0+500, A.C.S. 1,0 x 1,0 | | 2.10 | 0.40 | 22.50 | | 18.90 | | ACS1,0x1,0 -011 | CI-011 a CI-012 |
| Calle interna Sist. 0+500, A.C.S. 1,0 x 1 | | 2.10 | 0.35 | 80.00 | | 58.80 | L.I. | ACS1,0x1,0 -012 | CI-012 a CI-013 |
| Calle interna Sist. 0+500, A.C.S. 1,0 x 1 | | 2.10 | 0.35 | 11.64 | | 8.56 | L.I. | ACS1,0x1,0 -013 | CI-013 a Out-002 |
| | | | | | | | | | |
| 0+573 | 0+620 | 2.30 | 0.15 | 47.00 | | 16.22 | L.D. | ACS1,0x1,0 -020 | CI-020 a CI-021 |
| 0+620 | 0+690 | 2.30 | 0.15 | 70.00 | | 24.15 | L.D. | ACS1,0x1,0 -021 | CI-021 a CI-022 |
| 0+690 | 0+743 | 2.30 | 0.15 | 53.00 | | 18.29 | L.D. | ACS1,0x1,0 -022 | CI-022 a CI-023 |
| 0+743 | 0+780 | 2.40 | 0.35 | 37.00 | | 31.08 | LD | ACS1,5x1,5 -024A | CI-026 a CI-025 |
| 0+780 | 0+820 | 2.40 | 0.15 | 40.00 | | 14.40 | LD | ACS1,5x1,5 -024B | CI-025 a CI-032 |
| Cruce Ruta Sist. 0+820 | | 2.80 | 0.15 | 35.00 | | 14.70 | LD | ACS1,5x1,5 -032 | CI-032 a CI-033 |
| Cruce Ruta Sist. 0+820 | | 2.80 | 0.15 | 30.00 | | 12.60 | L.I. | ACS1,5x1,5 -032 | CI-032 a CI-033 |
| Cruce Ruta Sist. 0+820 | | 2.80 | 0.15 | 13.00 | | 5.46 | L.I. | ACS1,5x1,5 -033 | CI-033 a Out-004 |
| | | | | | | | | | |
| 0+813 | 0+900 | 1.44 | 0.15 | 87.000 | | 18.79 | L.D. | ATS1,00-030/031 | CI-030 a CI-031 a CI-032 |
| | | | | | | | | | |
| 1+060 | L.D. | 1.50 | 0.15 | 6.00 | | 1.35 | SC 041a 1+060 | ATS0,80-041a | |
| 1+150 | L.D. | 1.50 | 0.15 | 6.00 | | 1.35 | SC 040b 1+150 | ATS0,80-040b | |
| 1+200 | L.D. | 1.50 | 0.15 | 6.00 | | 1.35 | SC 040a 1+200 | ATS0,80-040a | |
| | | | | | | | | | |
| 1+000 | 1+049 | 2.75 | 49.00 | 0.35 | | 47.16 | LD | ACD1,0x1,0 -042 | CI-043 a CI-042 |
| 1+049 | 1+069 | 2.75 | 20.00 | 0.15 | | 6.25 | LD | | |
| 1+069 | 1+147 | 2.75 | 78.00 | 0.15 | | 32.18 | LD | ACD1,0x1,0 -041 | CI-042 a CI-041 |
| 1+147 | 1+191 | 2.75 | 44.00 | 0.15 | | 18.15 | LD | ACD1,0x1,0 -040 | CI-041 a CI-040 |
| Cruce Ruta Sist. 1+2 | 1+200 | 2.75 | 10.00 | 0.15 | | 4.13 | L.I. | ACD1,0x1,0 -080B | CI-040 a CI-081 |
| Cruce Ruta Sist. 1+2 | 1+200 | 2.75 | 31.00 | 0.35 | | 29.84 | L.I. | | |
| Calle interna Sist. 1+ | 1+200 | 2.75 | 25.00 | 0.35 | | 24.06 | L.I. | ACD1,0x1,0 -040 | CI-081 a CI-082 |
| Calle interna Sist. 1+ | 1+200 | 2.75 | 139.00 | 0.35 | | 133.79 | L.I. | ACD1,0x1,0 -082 | CI-082 a CI-083 |
| Calle interna Sist. 1+ | 1+200 | 2.75 | 6.00 | 0.35 | | 5.78 | L.I. | ACD1,0x1,0 -083 | CI-083 a Out-006 |
| | | | | | | | | | |
| 1+191 | 1+220 | 2.80 | 0.15 | 28.70 | | 12.05 | LD | ACS1,5x1,5 -080 | CI-080 a CI-040 |
| Calle interna Sist. 1+ | 1+220 | 2.40 | 0.15 | 15.00 | | 5.40 | LD | ACS1,5x1,5 -080A | ST-007 a CI-080 |
| | | | | | | | | | |
| 1+260.00 | | 1.00 | 0.15 | 4.00 | | 0.60 | L.D. | ATS0,80 | |
| 1+282.25 | 1+380.25 | 1.50 | 0.15 | 98.0 | | 22.05 | L.D. | ATS0,80-130 | |
| | | | | | | | | | |
| 1+350.00 | | 1.00 | 0.15 | 13.00 | | 1.95 | L.D. | ATS0,80 | |
| 1+381.75 | 1+400.00 | 1.80 | 0.15 | 18.25 | | 4.93 | L.D. | ATS1,00-131 | CI-131 a CI-135a |
| 1+350.00 | | 1.00 | 0.15 | 13.00 | | 1.95 | L.D. | ATS0,80 | |
| 1+350.00 | | 1.00 | 0.15 | 13.00 | | 1.95 | L.D. | ATS0,80 | |
| | | | | | | | | | |
| 1+700.00 | | 1.44 | 0.10 | 14.00 | | 2.02 | L.D. | ATS1,00 | |
| | | | | | | | | | |
| 1+760 | L.D. | 1.50 | 0.15 | 6.00 | | 1.35 | SC 142a 1+760 | ATS0,80-142a | |
| 1+840 | L.D. | 1.50 | 0.15 | 6.00 | | 1.35 | SC 143a 1+840 | ATS0,80-143a | |
| 1+880 | L.D. | 1.50 | 0.15 | 6.00 | | 1.35 | SC 144a 1+880 | ATS0,80-144a | |
| 1+940 | L.D. | 1.50 | 0.15 | 6.00 | | 1.35 | SC 145a 1+940 | ATS0,80-145a | |
| | | | | | | | | | |
| 1+990.00 | | 1.00 | 0.15 | 4.00 | | 0.60 | L.D. | ATS0,80 | |
| | | | | | | | | | |
| 1+633 | 1+700 | 1.50 | 0.15 | 67.00 | | 15.08 | L.D. | ATS1,00-140 | CI-140 a CI-141 |
| | | | | | | | | | |
| Calle interna Sist. 1+ | 1+400 | 2.40 | 0.15 | 180.00 | | 64.80 | LD | ACS1,5x1,5 -135E/135D | 135D a CI-135E a Out-135 |
| Cruce Ruta Sist. 1+4 | 1+400 | 2.10 | 0.35 | 91.48 | | 67.24 | LD | ACS1,5x1,5 -135a/135B/135C/135 | a CI-135B a CI-135C a CI-135D |
| 1+400 | 1+428 | 2.40 | 0.15 | 27.75 | | 9.99 | LD | ACS1,5x1,5 -132 | CI-133 a CI-134 |
| 1+428 | 1+483 | 2.40 | 0.15 | 55.40 | | 19.94 | LD | ACS1,5x1,5 -132 | CI-133 a CI-134 |
| 1+483 | 1+520 | 2.40 | 0.15 | 36.85 | | 13.27 | LD | ACS1,5x1,5 -133 | CI-132 a CI-133 |
| 1+520 | 1+550 | 2.10 | 0.15 | 30.00 | | 9.45 | LD | ACS1,5x1,5 -134 | CI-136 a CI-135 |
| 1+550 | 1+583 | 2.40 | 0.35 | 33.00 | | 27.72 | LD | ACS1,5x1,5 -135 | CI-137 a CI-136 |
| | | | | | | | | | |
| 1+700 | 1+760 | 2.80 | 0.15 | 60.00 | | 25.20 | LD | ACS1,5x1,5 -141 | CI-141 a CI-142 |
| 1+760 | 1+820 | 2.80 | 0.15 | 60.00 | | 25.20 | LD | ACS1,5x1,5 -142 | CI-142 a CI-143 |
| 1+820 | 1+870 | 2.80 | 0.15 | 50.00 | | 21.00 | LD | ACS1,5x1,5 -143 | CI-143 a CI-144 |
| 1+870 | 1+928 | 2.80 | 0.15 | 57.50 | | 24.15 | LD | ACS1,5x1,5 -144 | CI-144 a CI-145 |
| 1+928 | 1+955 | 2.40 | 0.15 | 27.50 | | 9.90 | LD | | |
| 1+955 | 1+967 | 2.80 | 0.15 | 12.00 | | 5.04 | LD | ACS1,5x1,5 -145 | CI-145 a CI-146 |

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

## COMPUTO METRICO

### CONVENIO MODIFICATORIO N° 5

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0+863 | | 1.00 | 0.15 | 4.00 | | 0.60 | L.D. | ATS0,80 | |
| 0+910 | | 1.00 | 0.15 | 4.00 | | 0.60 | L.D. | ATS0,80 | |
| 1+000 | | 2.50 | 0.15 | 9.20 | | 3.45 | L.D. | ST-006 | |
| 1+200 | | 2.50 | 0.15 | 10.60 | | 3.98 | L.D. | ST-007 | |
| 1+583 | | 2.50 | 0.15 | 4.20 | | 1.58 | L.D. | ST-009 | |
| 1+700 | | 2.50 | 0.15 | 7.20 | | 2.70 | L.D. | ST-010 | |
| 2+020 | | 2.50 | 0.15 | 10.90 | | 4.09 | L.D. | ST-011 | |
| 2+080 | | 2.50 | 0.15 | 6.15 | | 2.31 | L.D. | ADICIONAL | |
| 2+620 | | 2.50 | 0.15 | 10.40 | | 3.90 | L.D. | ST-013 | |
| | | | | | | | | | |
| 0+159.50 | 0+257.00 | 2.30 | 0.35 | 97.50 | | 78.49 | L.D. | ACS-001 | CI-001 a CI-002 |
| 0+257.00 | 0+275.45 | 2.30 | 0.15 | 18.45 | | 6.37 | L.D. | ACS-002 | CI-002 a CI-003 |
| 0+275.45 | 0+286.45 | 2.30 | 0.35 | 11.00 | | 8.86 | L.D. | ACS-002 | CI-002 a CI-003 |
| | | | | | | | | | |
| 0+286.45 | 0+392.40 | 2.80 | 0.15 | 105.95 | | 44.50 | LD | ACS1,5x1,5 -003/4/5 | 3 a CI-004 a UN-001 a CI-005 |
| Cruce Ruta Sist. 0+400 | | 2.80 | 0.15 | 11.25 | | 4.73 | LD | ACS1,5x1,5 -006 | CI-005 a CI-006 |
| Cruce Ruta Sist. 0+400 | | 2.80 | 0.15 | 17.40 | | 7.31 | L.I. | ACS1,5x1,5 -006 | CI-005 a CI-006 |
| Cruce Ruta Sist. 0+400 | | 2.80 | 0.15 | 15.20 | | 6.38 | L.I. | ACS1,0x1,0 -011 | CI-006 a SV-001 |
| | | | | | | | | | |
| 0+315 | 0+392 | 0.85 | 1.00 | 77.15 | | 65.58 | Dren Profundo (LD) | | |
| | | | | | | | | | |
| 0+600 | | 2.58 | | | | | L.D. | Avenida | |
| 0+620 | | 2.65 | 2.61 | 20.00 | | 52.25 | L.D. | Avenida | |
| 0+640 | | 4.98 | 3.81 | 20.00 | | 76.25 | L.D. | Avenida | |
| | | | | | | | | | |
| 0+707 | | 5.32 | | | | | L.D. | Avenida | |
| 0+740 | | 3.16 | 4.24 | 33.00 | | 139.95 | L.D. | Avenida | |
| 0+766 | | 2.14 | 2.65 | 26.00 | | 58.87 | L.D. | Avenida | |
| | | | | | | | | | |
| 0+820 | | 1.84 | | | | | L.D. | Avenida | |
| 0+840 | | 1.76 | 1.80 | 20.00 | | 36.00 | L.D. | Avenida | |
| 0+860 | | 1.68 | 1.72 | 20.00 | | 34.40 | L.D. | Avenida | |
| 0+880 | | 1.68 | 1.68 | 20.00 | | 33.60 | L.D. | Avenida | |
| 0+900 | | 1.68 | 1.68 | 20.00 | | 33.60 | L.D. | Avenida | |
| 0+920 | | 2.05 | 1.86 | 20.00 | | 37.28 | L.D. | Avenida | |
| 0+940 | | 2.03 | 2.04 | 20.00 | | 40.80 | L.D. | Avenida | |
| | | | | | | | | | |
| 1+590 | | 4.75 | | | | | LD Avenida | | |
| 1+600 | | 4.32 | 4.54 | 10.00 | | 45.35 | LD Avenida | | |
| 1+610 | | 4.68 | 4.50 | 10.00 | | 45.00 | LD Avenida | | |
| 1+620 | | 4.36 | 4.52 | 10.00 | | 45.20 | LD Avenida | | |
| | | | | | | | | | |
| 0+480 | | 3.17 | | | | | LD colectora | | |
| 0+500 | | 3.48 | 3.33 | 20.00 | | 66.50 | LD colectora | | |
| 0+520 | | 3.53 | 3.51 | 20.00 | | 70.10 | LD colectora | | |
| 0+540 | | 4.82 | 4.18 | 20.00 | | 83.52 | LD colectora | | |
| 0+560 | | 3.80 | 4.31 | 20.00 | | 86.22 | LD colectora | | |
| 0+580 | | 3.87 | 3.84 | 20.00 | | 76.70 | LD colectora | | |
| 0+600 | | 4.80 | 4.34 | 20.00 | | 86.70 | LD colectora | | |
| 0+620 | | 5.79 | 5.30 | 20.00 | | 105.90 | LD colectora | | |
| 0+640 | | 3.43 | 4.61 | 20.00 | | 92.20 | LD colectora | | |
| 0+660 | | 4.33 | 3.88 | 20.00 | | 77.60 | LD colectora | | |
| 0+680 | | 5.84 | 5.09 | 20.00 | | 101.70 | LD colectora | | |
| 0+700 | | 6.06 | 5.95 | 20.00 | | 119.00 | LD colectora | | |
| 0+720 | | 6.50 | 6.28 | 20.00 | | 125.60 | LD colectora | | |
| 0+740 | | 6.84 | 6.67 | 20.00 | | 133.40 | LD colectora | | |
| 0+760 | | 1.76 | 4.30 | 20.00 | | 86.00 | LD colectora | | |
| 0+780 | | 3.05 | 2.41 | 20.00 | | 48.10 | LD colectora | | |
| | | | | | | | | | |
| 2+000 | | 20.07 | | | | | L.D. Colectora + Bocacalle | | |
| 2+015 | | 20.07 | 10.04 | 15.00 | | 150.53 | L.D. Colectora + Bocacalle | | |
| 2+030 | | 10.19 | 15.13 | 15.00 | | 226.95 | L.D. Colectora + Bocacalle | | |
| | | | | | | | | | |
| 0+540 | | 2.40 | | | | | L.I. avenida y colectora | | |
| 0+560 | | 2.50 | 2.45 | 20.00 | | 49.00 | L.I. avenida y colectora | | |
| 0+570 | | 2.40 | 2.45 | 10.00 | | 24.50 | L.I. avenida y colectora | | |
| | | | | | | | | | |
| 1+440 | | 9.12 | | | | | L.I. Colectora | | |
| 1+460 | | 8.86 | 8.99 | 20.00 | | 179.80 | L.I. Colectora | | |

Ing. Cristobal Cohene C.
Supervisor de Obra
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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5+400 | | 1.00 | | | | 1.00 | LD |
| **Subtotal Frente 3** | | | | | | **1.00** | |
| **Subtotal Frente 4** | | | | | | **0.00** | |
| | | | | | **Parcial=** | **1.00 un** | |
| | | | | | | **Cantidad total de Sumidero Tipo Reja IV =** | **1.00 un** |

**Item N°: 41.24 Sumidero Tipo Reja VII** Unidad: un

| Progresivas | | Cantidad | | | | Total | Observaciones |
|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | | **0.00** | |
| **Subtotal Frente 2** | | | | | | **0.00** | |
| 5+600 | | 1.00 | | | | 1.00 | LD |
| **Subtotal Frente 3** | | | | | | **1.00** | |
| **Subtotal Frente 4** | | | | | | **0.00** | |
| | | | | | **Parcial=** | **1.00 un** | |
| | | | | | | **Cantidad total de Sumidero Tipo Reja VII =** | **1.00 un** |

**Item N°: 42 Relleno Granular Alcantarillas,Sumideros y Registros** Unidad: m3

| Progresivas | | Ancho | Espesor | Longitud | | Volumen | Observaciones | | |
|---|---|---|---|---|---|---|---|---|---|
| 0+070.50 | 0+128.60 | 1.80 | 0.15 | 58.10 | | 15.69 | L.I. | ACD1,5x1,5 -034 | CE-01 a CE-02 |
| 0+128.60 | 0+148.50 | 1.80 | 0.15 | 19.90 | | 5.37 | L.I. | ACD1,5x1,5 -035 | CE-02 a CE-02a |
| 0+316 | 0+340 | 3.30 | 0.30 | 24.000 | | 23.76 | Rampa Muro LI - E1 | | |
| 0+260 | LI | 1.50 | 0.35 | 9.50 | | 4.99 | SCa 0+260 | ATS0,80-014 | |
| 0+300 | LI | 1.50 | 0.35 | 18.40 | | 9.66 | SCa 0+300 | ATS0,80-016a | |
| 0+320 | LI | 1.50 | 0.35 | 21.600 | | 11.34 | SCa 0+320 | ATS0,80-017a | |
| 0+380 | LI | 1.50 | 0.35 | 10.500 | | 5.51 | SCa 0+380 | ATS0,80-018a | |
| 0+234 | 0+392 | 2.00 | 0.15 | 158.40 | | 47.52 | L.I. | ATS0,80-015/6/7/8 | |
| 0+400 | Transversal | 1.50 | 0.15 | 8.00 | | 1.80 | L.I. | ATS0,80 - | Prolongación red existente |
| 0+052 | L.D. | 2.00 | 0.15 | 3.00 | | 0.90 | SCa 0+052 | ATS0,80-026a | |
| 0+160 | L.D. | 2.00 | 0.15 | 3.00 | | 0.90 | SCa 0+160 | ATS0,80-001a | |
| 0+200 | L.D. | 2.00 | 0.15 | 4.00 | | 1.20 | SCa 0+160 | ATS0,80-002a | |
| 0+286 | L.D. | 2.00 | 0.15 | 4.00 | | 1.20 | SCa 0+286 | ATS0,80-003a | |
| 0+300 | L.D. | 1.44 | 0.15 | 14.100 | | 3.05 | ST 01 0+300 | ATS1,00-004A | ST-01 a CI-004 |
| 0+392 | L.D. | 2.00 | 0.15 | 4.00 | | 1.20 | SCa 0+392 | ATS0,80-006a | |
| 0+400 | 0+428 | 1.30 | 0.15 | 28.00 | | 5.46 | LD | ATS0,60 - | |
| 0+052 | | 1.60 | 0.15 | 2.20 | | 0.53 | | SUM | |
| 0+520 | | 1.55 | 0.15 | 1.45 | | 0.34 | L.D. | SC-011A | |
| 2+550 | | 2.74 | 0.15 | 2.20 | | 0.91 | L.D. | SC-160A | |
| -0+005 | | 3.50 | 0.15 | 9.40 | | 4.94 | L.D. | ADICIONAL | |
| 0+520 | | 1.00 | 0.15 | 5.00 | | 0.75 | L.D. | ATS0,80 | |
| 0+570 | | 1.00 | 0.15 | 5.00 | | 0.75 | L.D. | ATS0,80 | |
| 0+617 | | 2.50 | 0.15 | 8.00 | | 3.00 | L.D. | ST-003 | |
| 0+684 | | 1.00 | 0.15 | 4.00 | | 0.60 | L.D. | ATS0,80 | |
| 0+742 | | 2.50 | 0.15 | 6.60 | | 2.48 | L.D. | ST-004 | |
| 0+780 | | 1.00 | 0.15 | 4.00 | | 0.60 | L.D. | ATS0,80 | |
| 0+820 | | 2.50 | 0.15 | 8.00 | | 3.00 | L.D. | ST-005 | |

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**Item Nº: 41.21 Registro G Te D 1X1 - D 1X1** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones | | |
|---|---|---|---|---|---|---|---|---|
| 1+200 | 1.00 | | | | 1.00 | LD | ACD 1,00X1,00 | CI-040 |
| **Subtotal Frente 1** | | | | | **1.00** | | | |
| 3+596 | 1.00 | | | | 1.00 | LD | | |
| 3+731 | 1.00 | | | | 1.00 | LD | | |
| **Subtotal Frente 2** | | | | | **2.00** | | | |
| **Subtotal Frente 3** | | | | | **0.00** | | | |
| **Subtotal Frente 4** | | | | | **0.00** | | | |
| | | | | **Parcial=** | **3.00 un** | | | |

**Cantidad total de Registro G Te D 1X1 - D 1X1 = 3.00 un**

**Item Nº: 41.22 Sumidero Tipo Reja** Unidad: ml

| Progresivas | Cantidad | | | | Total | Observaciones | | |
|---|---|---|---|---|---|---|---|---|
| -0+005 | 1.00 | 8.70 | | | 8.70 | LD | ST-000 | |
| 0+300 | 1.00 | 9.70 | | | 9.70 | LD | ST-001 | |
| 0+457 | 1.00 | 6.50 | | | 6.50 | LD | ST-002 | |
| 0+617 | 1.00 | 8.00 | | | 8.00 | LD | ST-003 | |
| 0+742 | 1.00 | 6.60 | | | 6.60 | LD | ST-004 | |
| 0+820 | 1.00 | 8.00 | | | 8.00 | LD | ST-005 | |
| 1+000 | 1.00 | 8.40 | | | 8.40 | LD | ST-006 | |
| 1+200 | 1.00 | 10.60 | | | 10.60 | LD | ST-007 | |
| 1+350 | 1.00 | 6.00 | | | 6.00 | LD | ST-008 | |
| 1+583 | 1.00 | 4.20 | | | 4.20 | LD | ST-009 | |
| 1+700 | 1.00 | 6.40 | | | 6.40 | LD | ST-010 | |
| 2+020 | 1.00 | 10.40 | | | 10.40 | LD | ST-011 | |
| 2+080 | 1.00 | 6.15 | | | 6.15 | LD | | |
| 2+240 | 1.00 | 10.00 | | | 10.00 | LD | ST-012 | |
| 2+620 | 1.00 | 10.40 | | | 10.40 | LD | ST-013 | |
| **Subtotal Frente 1** | | | | | **120.05** | | | |
| 3+330 | 1.00 | 7.00 | | | 7.00 | LD | ST-015 | |
| 3+723 | 1.00 | 7.00 | | | 7.00 | LD | ST-019 | |
| 3+940 | 2.00 | 6.80 | | | 13.60 | LD | ST-020 | |
| 4+180 | 1.00 | 10.60 | | | 10.60 | LD | ST-022 | |
| 4+300 | 1.00 | 13.60 | | | 13.60 | LD | ST-023 | |
| 4+395 | 1.00 | 3.00 | | | 3.00 | LD | ST-024 | |
| **Subtotal Frente 2** | | | | | **54.80** | | | |
| 5+200 | 8.00 | | | | 8.00 | LD | ST Adicional | Sistema 5+200 |
| **Subtotal Frente 3** | | | | | **8.00** | | | |
| **Subtotal Frente 4** | | | | | **0.00** | | | |
| | | | | **Parcial=** | **182.85 ml** | | | |

**Cantidad total de Sumidero Tipo Reja = 182.85 ml**

**Item Nº: 41.23 Sumidero Tipo Reja IV** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones |
|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | **0.00** | |
| **Subtotal Frente 2** | | | | | **0.00** | |

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 4+480 | | 1.00 | | | | 1.00 | LD | | |
| **Subtotal Frente 2** | | | | | | **12.00** | | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | | |
| | | | | | **Parcial=** | **13.00 un** | | | |
| | | | | | | **Cantidad total de Registro G Te D 1X1 - 1X1 =** | | | **13.00 un** |

**Item Nº: 41.18 Registro G Te D 1,5X1,5 - 1X1** Unidad: **un**

| Progresivas | Cantidad | | | | Total | Observaciones | | |
|---|---|---|---|---|---|---|---|---|
| 0+127 | 1.00 | | | | 1.00 | LI | ACD 1,50X1,50 | CE-02 |
| 2+595 | 1.00 | | | | 1.00 | LD | ACD 1,50X1,50 | CI-161 |
| 2+695 | 1.00 | | | | 1.00 | LD | ACD 1,50X1,50 | CI-170 |
| **Subtotal Frente 1** | | | | | **3.00** | | | |
| 4+060 | 1.00 | | | | 1.00 | LD | | |
| 4+140 | 1.00 | | | | 1.00 | LD | | |
| **Subtotal Frente 2** | | | | | **2.00** | | | |
| **Subtotal Frente 3** | | | | | **0.00** | | | |
| **Subtotal Frente 4** | | | | | **0.00** | | | |
| | | | | **Parcial=** | **5.00 un** | | | |
| | | | | | **Cantidad total de Registro G Te D 1,5X1,5 - 1X1 =** | | | **5.00 un** |

**Item Nº: 41.19 Registro G Te D 1,5X1,5 - 1,5X1,5** Unidad: **un**

| Progresivas | Cantidad | | | | Total | Observaciones |
|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | **0.00** | |
| 4+180 | 1.00 | | | | 1.00 | LD |
| **Subtotal Frente 2** | | | | | **1.00** | |
| **Subtotal Frente 3** | | | | | **0.00** | |
| **Subtotal Frente 4** | | | | | **0.00** | |
| | | | | **Parcial=** | **1.00 un** | |
| | | | | | **Cantidad total de Registro G Te D 1,5X1,5 - 1,5X1,5 =** | **1.00 un** |

**Item Nº: 41.20 Registro G Te D 1,5X1,5 - D 1,5X1,5** Unidad: **un**

| Progresivas | Cantidad | | | | Total | Observaciones | | |
|---|---|---|---|---|---|---|---|---|
| 2+800 | 1.00 | | | | 1.00 | LI | ACD 1,50X1,50 | CI-173 |
| 2+771 | 1.00 | | | | 1.00 | LD | ACD 1,50X1,50 | CI-171 |
| **Subtotal Frente 1** | | | | | **2.00** | | | |
| 4+070 | 1.00 | | | | 1.00 | LI | | |
| **Subtotal Frente 2** | | | | | **1.00** | | | |
| **Subtotal Frente 3** | | | | | **0.00** | | | |
| **Subtotal Frente 4** | | | | | **0.00** | | | |
| | | | | **Parcial=** | **3.00 un** | | | |
| | | | | | **Cantidad total de Registro G Te D 1,5X1,5 - D 1,5X1,5 =** | | | **3.00 un** |

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Supervisor de Obra
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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1+990 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-146 |
| 2+240 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-154 |
| 2+280 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-155 |
| 2+340 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-156 |
| 2+395 | 1.00 | LD | | | 1.00 | ACD 1,50X1,50 | CI-157 |
| 2+443 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-158 |
| **Subtotal Frente 1** | | | | | **14.00** | | |
| **Subtotal Frente 2** | | | | | **0.00** | | |
| **Subtotal Frente 3** | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | **0.00** | | |
| | | | | **Parcial=** | **14.00 un** | | |
| | | | | | **Cantidad total de Registro G Te 1,5x1,5 - 1x1 =** | | **14.00 un** |

**Item Nº: 41.16 Registro G Te 1,5x1,5 - 1,5x1,5** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones | |
|---|---|---|---|---|---|---|---|
| 0+392.40 | | LD | | | 1.00 | ACS 1,50X1,50 | CI-005 |
| 0+820 | | LD | | | 1.00 | ACS 1,50X1,50 | CI-032 |
| 1+220 | | LD | | | 1.00 | ACS 1,50X1,50 | CI-080 |
| 2+000 | | LI | | | 1.00 | ACS 1,50X1,50 | CI-147 |
| 2+177 | | LI | | | 1.00 | ACS 1,50X1,50 | CI-147B1 |
| **Subtotal Frente 1** | | | | | **5.00** | | |
| 4+240 | 1.00 | | | | 1.00 | LD | |
| 4+660 | 1.00 | | | | 1.00 | LD | |
| 4+780 | 1.00 | | | | 1.00 | LD | |
| 4+890 | 1.00 | | | | 1.00 | LD | |
| 4+930 | 1.00 | | | | 1.00 | LD | |
| 5+000 | 1.00 | | | | 1.00 | LD | |
| 5+050 | 1.00 | | | | 1.00 | LD | |
| 5+100 | 1.00 | | | | 1.00 | LD | |
| 5+220 | 1.00 | | | | 1.00 | LD | |
| **Subtotal Frente 2** | | | | | **9.00** | | |
| **Subtotal Frente 3** | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | **0.00** | | |
| | | | | **Parcial=** | **14.00 un** | | |
| | | | | | **Cantidad total de Registro G Te 1,5x1,5 - 1,5x1,5 =** | | **14.00 un** |

**Item Nº: 41.17 Registro G Te D 1X1 - 1X1** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones | | |
|---|---|---|---|---|---|---|---|---|
| 1+069 | 1.00 | | | | 1.00 | LD | ACD 1,00X1,00 | CI-042 |
| **Subtotal Frente 1** | | | | | **1.00** | | | |
| 3+810 | 1.00 | | | | 1.00 | LD | | |
| 3+940 | 1.00 | | | | 1.00 | LD | | |
| 4+390 | 1.00 | | | | 1.00 | LD | | |
| 3+400 | 1.00 | | | | 1.00 | LD | | |
| 3+440 | 1.00 | | | | 1.00 | LD | | |
| 3+500 | 1.00 | | | | 1.00 | LD | | |
| 3+550 | 1.00 | | | | 1.00 | LD | | |
| 3+610 | 1.00 | | | | 1.00 | LD | | |
| 3+660 | 1.00 | | | | 1.00 | LD | | |
| 3+713 | 1.00 | | | | 1.00 | LD | | |
| 3+773 | 1.00 | | | | 1.00 | LD | | |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Subtotal Frente 4** | | | | | | **0.00** | |
| | | | | | **Parcial=** | **1.00 un** | |
| | | | | | | **Cantidad total de Registro G T 2X2 =** | **1.00 un** |

**Item Nº: 41.13 Registro G C 2X2 (RG15)** Unidad: **un**

| Progresivas | Cantidad | | | | Total | Observaciones | |
|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | **0.00** | | |
| 5+180 | 1.00 | | | | 1.00 | | Acceso a Limpio |
| 5+180 | 1.00 | | | | 1.00 | | Circunvalación |
| **Subtotal Frente 2** | | | | | **2.00** | | |
| **Subtotal Frente 3** | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | **0.00** | | |
| | | | | **Parcial=** | **2.00 un** | | |
| | | | | | | **Cantidad total de Registro G C 2X2 (RG15) =** | **2.00 un** |

**Item Nº: 41.14 Registro G Te 1x1 - 1x1** Unidad: **un**

| Progresivas | Cantidad | | | | Total | Observaciones | | |
|---|---|---|---|---|---|---|---|---|
| 0+160 | 1.00 | | | | 1.00 | LD | ACS 1,00X1,00 | CI-001 |
| 0+457 | 1.00 | | | | 1.00 | LD | ACS 1,00X1,00 | CI-010 |
| 0+527 | 1.00 | | | | 1.00 | LD | ACS 1,00X1,00 | CI-011 |
| 0+900 | 1.00 | | | | 1.00 | LD | ATS 1,00 | CI-030 |
| 2+020 | 1.00 | | | | 1.00 | LD | ACS 1,00X1,00 | CI-150 |
| 0+200 | 1.00 | | | | 1.00 | LD | ACS 1,00X1,00 | CI-002 |
| 0+853 | 1.00 | | | | 1.00 | LD | ATS 1,00 | CI-031 |
| 2+066 | 1.00 | | | | 1.00 | LD | ACS 1,00X1,00 | CI-151 |
| 2+136,38 | 1.00 | | | | 1.00 | LD | ACS 1,00X1,00 | CI-152 |
| 2+187,28 | 1.00 | | | | 1.00 | LD | ACS 1,00X1,00 | CI-153 |
| **Subtotal Frente 1** | | | | | **10.00** | | | |
| 4+320 LD | 1.00 | | | | 1.00 | LD | | |
| 3+380 LI, 3+440 LI | 2.00 | | | | 2.00 | LI | | |
| 3+500 LI y 3+520 LI | 2.00 | | | | 2.00 | LI | | |
| 3+220 | 1.00 | | | | 1.00 | LD | | |
| 3+270 | 1.00 | | | | 1.00 | LD | | |
| 3+310 | 1.00 | | | | 1.00 | LD | | |
| 3+960 | 1.00 | | | | 1.00 | LD | | |
| **Subtotal Frente 2** | | | | | **9.00** | | | |
| **Subtotal Frente 3** | | | | | **0.00** | | | |
| **Subtotal Frente 4** | | | | | **0.00** | | | |
| | | | | **Parcial=** | **19.00 un** | | | |
| | | | | | | **Cantidad total de Registro G Te 1x1 - 1x1 =** | | **19.00 un** |

**Item Nº: 41.15 Registro G Te 1,5x1,5 - 1x1** Unidad: **un**

| Progresivas | Cantidad | | | | Total | Observaciones | |
|---|---|---|---|---|---|---|---|
| 0+286.45 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-003 |
| 0+740 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-023 |
| 0+790 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-025 |
| 1+560 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-137 |
| 1+760 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-142 |
| 1+800 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-143 |
| 1+880 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-144 |
| 1+940 | 1.00 | LD | | | 1.00 | ACS 1,50X1,50 | CI-145 |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Subtotal Frente 4 | | | | | | 0.00 | | |
| | | | | | Parcial= | 4.00 un | | |
| | | | | | | Cantidad total de Registro G 1,5x1,5 -1,5x1,5 = | | 4.00 un |

**Item Nº: 41.08 Registro G 1,5X1,5 - D 1,5 X 1,5** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones | | |
|---|---|---|---|---|---|---|---|---|
| 2+500 | 1.00 | | | | 1.00 | LD | ACD 1,50X1,50 | CI-159 |
| Subtotal Frente 1 | | | | | 1.00 | | | |
| Subtotal Frente 2 | | | | | 0.00 | | | |
| Subtotal Frente 3 | | | | | 0.00 | | | |
| Subtotal Frente 4 | | | | | 0.00 | | | |
| | | | | Parcial= | 1.00 un | | | |
| | | | | | Cantidad total de Registro G 1,5X1,5 - D 1,5 X 1,5 = | | | 1.00 un |

**Item Nº: 41.09 Registro G 1,5X1,5 - D 1X1** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones |
|---|---|---|---|---|---|---|
| Subtotal Frente 1 | | | | | 0.00 | |
| 4+300 | 1.00 | | | | 1.00 | LD |
| Subtotal Frente 2 | | | | | 1.00 | |
| Subtotal Frente 3 | | | | | 0.00 | |
| Subtotal Frente 4 | | | | | 0.00 | |
| | | | | Parcial= | 1.00 un | |
| | | | | | Cantidad total de Registro G 1,5X1,5 - D 1X1 = | 1.00 un |

**Item Nº: 41.10 Registro G D 1X1 - D 1X1** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones | |
|---|---|---|---|---|---|---|---|
| 1+000 | 1.00 | LD | | | 1.00 | ACD 1,00X1,00 | CI-043 |
| Subtotal Frente 1 | | | | | 1.00 | | |
| Subtotal Frente 2 | | | | | 0.00 | | |
| Subtotal Frente 3 | | | | | 0.00 | | |
| Subtotal Frente 4 | | | | | 0.00 | | |
| | | | | Parcial= | 1.00 un | | |
| | | | | | Cantidad total de Registro G D 1X1 - D 1X1 = | | 1.00 un |

**Item Nº: 41.12 Registro G T 2X2** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones |
|---|---|---|---|---|---|---|
| Subtotal Frente 1 | | | | | 0.00 | |
| 3+330 | 1.00 | | | | 1.00 | LD |
| Subtotal Frente 2 | | | | | 1.00 | |
| Subtotal Frente 3 | | | | | 0.00 | |

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Representante Legal

Ing. Cristobal Cohene C.
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**Cantidad total de Registro G Ø80 - Ø80 = 6.00 un**

**Item Nº: 41.04 Registro G Te Ø60 - Ø60** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones |
|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | **0.00** | |
| 3+975 | 1.00 | | | | 1.00 | LI |
| 4+088 | 1.00 | | | | 1.00 | LI |
| **Subtotal Frente 2** | | | | | **2.00** | |
| **Subtotal Frente 3** | | | | | **0.00** | |
| **Subtotal Frente 4** | | | | | **0.00** | |

**Parcial= 2.00 un**

**Cantidad total de Registro G Te Ø80 - Ø80 = 2.00 un**

**Item Nº: 41.05 Registro G 1x1 -1x1** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones |
|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | **0.00** | |
| 3+180 | 1.00 | | | | 1.00 | LD |
| 3+332 | 1.00 | | | | 1.00 | LI |
| **Subtotal Frente 2** | | | | | **2.00** | |
| **Subtotal Frente 3** | | | | | **0.00** | |
| **Subtotal Frente 4** | | | | | **0.00** | |

**Parcial= 2.00 un**

**Cantidad total de Registro G 1x1 -1x1 = 2.00 un**

**Item Nº: 41.06 Registro G 1 x1 -1,5x1,5** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones |
|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | **0.00** | |
| **Subtotal Frente 2** | | | | | **0.00** | |
| **Subtotal Frente 3** | | | | | **0.00** | |
| **Subtotal Frente 4** | | | | | **0.00** | |

**Parcial= 0.00 un**

**Cantidad total de Registro G 1 x1 -1,5x1,5 = 0.00 un**

**Item Nº: 41.07 Registro G 1,5x1,5 -1,5x1,5** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones | |
|---|---|---|---|---|---|---|---|
| 2+060 | | LI | | 1.00 | 1.00 | ACS 1,50X1,50 | CI-147A |
| 2+177 | | LI | | 3.00 | 3.00 | ACS 1,50X1,50 | CI-147C/D//E |
| **Subtotal Frente 1** | | | | | **4.00** | | |
| **Subtotal Frente 2** | | | | | **0.00** | | |
| **Subtotal Frente 3** | | | | | **0.00** | | |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Sistema 4+080 | | | | | | 12.00 | |
| **Subtotal Frente 2** | | | | | | **13.00** | |
| **Subtotal Frente 3** | | | | | | **0.00** | |
| **Subtotal Frente 4** | | | | | | **0.00** | |
| | | | | | **Parcial=** | **22.00 un** | |

**Cantidad total de Sumidero SM1 = 22.00 un**

**Item N°: 41.01 Registro G Ø60 - Ø60** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones |
|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | **0.00** | |
| 4+170 | 1.00 | | | | 1.00 | LI |
| 4+760 | 1.00 | | | | 1.00 | LI |
| 4+800 | 1.00 | | | | 1.00 | LI |
| **Subtotal Frente 2** | | | | | **3.00** | |
| **Subtotal Frente 3** | | | | | **0.00** | |
| **Subtotal Frente 4** | | | | | **0.00** | |
| | | | | **Parcial=** | **3.00 un** | |

**Cantidad total de Registro G Ø60 - Ø60 = 3.00 un**

**Item N°: 41.02 Registro G Te Ø60 - Ø60** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones |
|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | **0.00** | |
| 4+129 | 1.00 | | | | 1.00 | LI |
| **Subtotal Frente 2** | | | | | **1.00** | |
| **Subtotal Frente 3** | | | | | **0.00** | |
| **Subtotal Frente 4** | | | | | **0.00** | |
| | | | | **Parcial=** | **1.00 un** | |

**Cantidad total de Registro G Te Ø60 - Ø60 = 1.00 un**

**Item N°: 41.03 Registro G Ø80 - Ø60** Unidad: un

| Progresivas | Cantidad | | | | Total | Observaciones | | |
|---|---|---|---|---|---|---|---|---|
| 0+320 | 1.00 | | | | 1.00 | LI | | |
| 0+380 | 1.00 | | | | 1.00 | LI | | |
| 0+065 | 1.00 | | | | 1.00 | LI | Aduct 500 x 80 | Raduc RA-0 |
| 1+260 | 1.00 | | | | 1.00 | LD | ATS 0,80 | CI-130 |
| 1+360 | 1.00 | | | | 1.00 | LD | ATS 0,80 | CI-130 |
| **Subtotal Frente 1** | | | | | **5.00** | | | |
| 3+870 | 1.00 | | | | 1.00 | LI | CI 123 | |
| **Subtotal Frente 2** | | | | | **1.00** | | | |
| **Subtotal Frente 3** | | | | | **0.00** | | | |
| **Subtotal Frente 4** | | | | | **0.00** | | | |
| | | | | **Parcial=** | **6.00 un** | | | |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Subtotal Frente 4** | | | | | | **0.00** | |
| | | | | | **Parcial=** | **72.00 un** | |

**Cantidad total de Sumidero Sca = 72.00 un**

**Item Nº: 38.1 Sumidero SM1** Unidad: un

| Progresivas | | Cantidad | | | | Cantidad | Observaciones | |
|---|---|---|---|---|---|---|---|---|
| 0+052 | | 1.00 | | | | 1.00 | L.D. | Cert. Nº 17 Mayo |
| 0+160 | | 1.00 | | | | 1.00 | L.D. | Cert. Nº 17 Mayo |
| 0+200 | | 1.00 | | | | 1.00 | L.D. | Cert. Nº 17 Mayo |
| 0+286 | | 1.00 | | | | 1.00 | L.D. | CERT. Nº15 Mar |
| 0+313 | | 1.00 | | | | 1.00 | L.D. | CERT. Nº15 Mar |
| 0+392 | | 1.00 | | | | 1.00 | L.D. | CERT. Nº15 Mar |
| 0+830 | | 1.00 | | | | 1.00 | L.D. | |
| 1+760 | | 1.00 | | | | 1.00 | L.D. | |
| 1+820 | | 1.00 | | | | 1.00 | L.D. | |
| 1+880 | SC-144A | 1.00 | | | | 1.00 | L.D. | |
| 1+940 | | 1.00 | | | | 1.00 | L.D. | |
| 1+990 | | 1.00 | | | | 1.00 | L.D. | |
| **Subtotal Frente 1** | | | | | | **12.00** | | |
| **Subtotal Frente 2** | | | | | | **0.00** | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |
| | | | | | **Parcial=** | **12.00 un** | | |

**Cantidad total de Sumidero SM1 = 12.00 un**

**Item Nº: 38.2 Sumidero Doble** Unidad: un

| Progresivas | | Cantidad | | | | Cantidad | Observaciones | |
|---|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | | **0.00** | | |
| 3+597 | | 1.00 | | | | 1.00 | LD | SC-102A (SD) |
| 3+732 | | 1.00 | | | | 1.00 | LD | SC 097A (SD) |
| 3+960 | | 1.00 | | | | 1.00 | LD | SC-117B (SD) |
| 4+380 | | 1.00 | | | | 1.00 | LD | SC-121B (SD) |
| 4+470 | | 1.00 | | | | 1.00 | LD | SC-122B (SD) |
| 4+485 | | 1.00 | | | | 1.00 | L.D. | SC-122C (SD) |
| 4+900 | | 1.00 | | | | 1.00 | L.D. | SC-051A (SD) |
| **Subtotal Frente 2** | | | | | | **7.00** | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |
| | | | | | **Parcial=** | **7.00 un** | | |

**Cantidad total de Sumidero SM1 = 7.00 un**

**Item Nº: 38.3 Sumidero Urbano** Unidad: un

| Progresivas | | Cantidad | | | | Cantidad | Observaciones |
|---|---|---|---|---|---|---|---|
| 0+830 | | 1.00 | | | | 1.00 | L.I. |
| 1+400 | | 4.00 | | | | 4.00 | L.I. |
| 0+720 | | 1.00 | | | | 1.00 | L.D. |
| 1+000 | | 1.00 | | | | 1.00 | L.D. |
| 1+400 | | 1.00 | | | | 1.00 | L.D. |
| 1+700 | | 1.00 | | | | 1.00 | L.D. |
| **Subtotal Frente 1** | | | | | | **9.00** | |
| Frente al Abasto | | | | | | 1.00 | |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0+780 | SC-024A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 0+853 | SC-031A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 0+850 | | 1.00 | | | 1.00 | 1.00 | L.D. | Calzada |
| 0+900 | SC-030A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 1+069 | SC-041A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 1+146 | SC-040B | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 1+200 | SC-040A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 1+260 | SC-130A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 1+410 | SC-132A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 1+465 | SC-133A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 1+560 | SC-136A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 1+643 | SC-140A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 1+800 | | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 2+066 | SC-151A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 2+136 | SC-152A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 2+187 | SC-153A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 2+280 | SC-155A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 2+340 | SC-156A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 2+395 | SC-157A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 2+443 | SC-158A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 2+500 | SC-161A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 2+550 | SC-160A | 1.00 | | | 1.00 | 1.00 | L.D. | |
| 2+695 | | 1.00 | | | 1.00 | 1.00 | L.D. | |
| | | | | | | | | |
| **Subtotal Frente 1** | | | | | | **34.00** | | |
| | | | | | | | | |
| 3+176 | | 1.00 | | | | 1.00 | LD | SC-90A |
| 3+225 | | 1.00 | | | | 1.00 | LD | SC-91A |
| 3+267 | | 1.00 | | | | 1.00 | LD | SC-92A |
| 3+310 | | 1.00 | | | | 1.00 | LD | SC-93A |
| 3+353 | | 1.00 | | | | 1.00 | LD | SC-107A |
| 3+404 | | 1.00 | | | | 1.00 | LD | SC-106A |
| 3+440 | | 1.00 | | | | 1.00 | LD | SC-105A |
| 3+485 | | 1.00 | | | | 1.00 | LD | SC-104A |
| 3+551 | | 1.00 | | | | 1.00 | LD | SC-103A |
| 3+613 | | 2.00 | | | | 2.00 | LD | SC-101A ;SC-101B |
| 3+660 | | 1.00 | | | | 1.00 | LD | SC-100A |
| 3+714 | | 1.00 | | | | 1.00 | LD | SC-99A |
| 3+774 | | 1.00 | | | | 1.00 | LD | SC-96A |
| 3+817 | | 1.00 | | | | 1.00 | LD | SC-95A |
| 4+060 | | 1.00 | | | | 1.00 | LD | SC-021A |
| 4+095 | | 1.00 | | | | 1.00 | LD | SC-113A |
| 4+148 | | 1.00 | | | | 1.00 | LD | SC-113.1A |
| 4+237 | | 1.00 | | | | 1.00 | LD | SC-111A |
| 4+380 | | 1.00 | | | | 1.00 | LD | SC-121A |
| 4+460 | | 1.00 | | | | 1.00 | LD | SC-122A |
| 4+660 | | 1.00 | | | | 1.00 | LD | SC - 052D |
| 4+780 | | 1.00 | | | | 1.00 | LD | SC-052A |
| 4+900 | | 1.00 | | | | 1.00 | L.D. | SC-051A |
| 5+062 | | 1.00 | | | | 1.00 | LD | SC-050C |
| 5+120 | | 1.00 | | | | 1.00 | LD | SC-050B |
| | | | | | | | | |
| 3+868 | | 1.00 | | | | 1.00 | | SC-118A |
| 3+970 | | 1.00 | | | | 1.00 | LI | SC-118B |
| 4+041 | | 1.00 | | | | 1.00 | LI | SC-118C |
| 4+088 | | 1.00 | | | | 1.00 | LI | SC-118D |
| 4+140 | | 1.00 | | | | 1.00 | LI | SC-118E |
| 4+180 | | 1.00 | | | | 1.00 | LI | SC-124A |
| | | | | | | | | |
| **Subtotal Frente 2** | | | | | | **32.00** | | |
| | | | | | | | | |
| 5+370 | | 1.00 | | | 1.00 | 1.00 | LD | |
| 5+420 | | 1.00 | | | 1.00 | 1.00 | L.I. | |
| 5+440 | | 1.00 | | | 1.00 | 1.00 | L.I. | |
| 5+520 | | 1.00 | | | 1.00 | 1.00 | L.I. | |
| 5+560 | | 1.00 | | | 1.00 | 1.00 | LD | |
| 5+600 | | 1.00 | | | 1.00 | 1.00 | L.I. | |
| | | | | | | | | |
| **Subtotal Frente 3** | | | | | | **6.00** | | |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4+230 | | 1.00 | 0.30 | 0.35 | 11.20 | 1.18 | LI | Boca Calle |
| 4+450 | | 1.00 | 0.30 | 0.50 | 2.80 | 0.42 | LI | Boca Calle |
| | | 1.00 | 0.25 | 0.60 | 5.80 | 0.87 | LI | Boca Calle |
| | | 1.00 | 0.15 | 0.70 | 3.00 | 0.32 | LI | Canaleta |
| 4+660 | | 2.00 | 0.40 | 1.10 | 3.00 | 2.64 | LD | Boca Calle |
| | | 2.00 | 0.40 | 1.10 | 3.00 | 2.64 | LD | Pontillón |
| 4+762 | | 1.00 | 2.20 | 0.80 | 0.30 | 0.53 | LD | |
| 5+120 | | 1.00 | 0.40 | 0.40 | 1.90 | 0.30 | LD | |
| | | 1.00 | 0.40 | 1.30 | 1.00 | 0.52 | LD | |
| | | 1.00 | 0.40 | 0.40 | 1.60 | 0.26 | LD | |
| | | 1.00 | 0.40 | 1.00 | 3.40 | 1.36 | LD | |
| 3+585 | | 1.00 | 0.30 | 0.40 | 3.70 | 0.44 | LI | |
| | | 1.00 | 0.30 | 0.95 | 4.90 | 1.40 | LI | |
| | | 1.00 | 0.30 | 0.70 | 4.00 | 0.84 | LI | |
| **Subtotal Frente 2** | | | | | | **65.83** | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| **Subtotal Frente 3.1** | | | | | | **0.00** | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |
| | | | | | **Parcial=** | **65.83 m3** | | |

**Cantidad total de Mamp. P. Bruta Revestimiento de Canal = 65.83 m3**

**Item Nº: 26 Sumidero de Cordón SC2a** Unidad: un

| Progresivas | | Cantidad | | | | Cantidad | Observaciones |
|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | | **0.00** | |
| **Subtotal Frente 2** | | | | | | **0.00** | |
| **Subtotal Frente 3** | | | | | | **0.00** | |
| **Subtotal Frente 4** | | | | | | **0.00** | |
| | | | | | **Parcial=** | **0.00 un** | |

**Cantidad total de Sumidero de Cordón SC2a = 0.00 un**

**Item Nº: 31 Sumidero Sca** Unidad: un

| Progresivas | | Cantidad | | | | Cantidad | Observaciones |
|---|---|---|---|---|---|---|---|
| 0+070 | | 1.00 | | | 1.00 | 1.00 | L.D. |
| 0+075 | V-02b | 1.00 | | | 1.00 | 1.00 | LI |
| 0+180 | Sca | 1.00 | | | 1.00 | 1.00 | LI |
| 0+400 | SV-01 | 1.00 | | | 1.00 | 1.00 | LI |
| 0+380 | UN-02 | 1.00 | | | 1.00 | 1.00 | LI |
| 0+260 | | 1.00 | | | 1.00 | 1.00 | L.I. |
| 0+300 | | 1.00 | | | 1.00 | 1.00 | L.I. |
| 0+320 | | 1.00 | | | 1.00 | 1.00 | L.I. |
| 0+520 | SC-011A | 1.00 | | | 1.00 | 1.00 | L.D. |
| 0+570 | SC-020A | 1.00 | | | 1.00 | 1.00 | L.D. |
| 0+684 | SC-022A | 1.00 | | | 1.00 | 1.00 | L.D. |

Ing. Cristobal Cohene C.
Supervisor de Obra

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4+525 | 4+640 | 115.5 | 2.00 | 1.00 | | 231.00 | LI | Gavion |
| | | 115.5 | 4.00 | 0.23 | | 106.26 | LI | Base A° |
| | | 5.0 | 2.00 | 1.00 | | 10.00 | LI | Refuerzo c/ 25m |
| | | | | | | | | |
| 4+640 | 4+740 | 100.0 | 2.00 | 1.00 | | 200.00 | LI | Gavion |
| | | 100.0 | 4.00 | 0.23 | | 92.00 | LI | Base A° |
| | | 4.0 | 2.00 | 1.00 | | 8.00 | LI | Refuerzo c/ 25m |
| | | | | | | | | |
| 4+579.30 | 4+680.00 | 100.7 | 2.50 | 1.00 | | 251.75 | LD | Gavión A |
| | | 100.7 | 2.00 | 1.00 | | 201.40 | LD | Gavión B |
| | | 100.7 | 1.50 | 1.00 | | 151.05 | LD | Gavión C |
| | | 100.7 | 4.00 | 0.23 | | 92.64 | LD | Base A° |
| | | 6.0 | 2.00 | 1.00 | | 12.00 | LD | Refuerzo c/ 25m |
| | | 6.0 | 1.50 | 1.00 | | 9.00 | LD | Refuerzo c/ 25m |
| | | | | | | 0.00 | | |
| 4+680 | 4+740 | 60.0 | 2.50 | 1.00 | | 150.00 | LD | Gavión A |
| | | 60.0 | 2.00 | 1.00 | | 120.00 | LD | Gavión B |
| | | 60.0 | 1.50 | 1.00 | | 90.00 | LD | Gavión C |
| | | 60.0 | 4.00 | 0.23 | | 55.20 | LD | Base A° |
| | | 3.0 | 2.00 | 1.00 | | 6.00 | LD | Refuerzo c/ 25m |
| | | 3.0 | 1.50 | 1.00 | | 4.50 | LD | Refuerzo c/ 25m |
| | | | | | | 0.00 | | |
| 4+740 | 4+770 | 29.7 | 2.50 | 1.00 | | 74.33 | LD | Gavión A |
| | | 29.7 | 2.00 | 1.00 | | 59.46 | LD | Gavión B |
| | | 29.7 | 1.50 | 1.00 | | 44.60 | LD | Gavión C |
| | | 29.7 | 4.00 | 0.23 | | 27.35 | LD | Base A° |
| | | 1.0 | 2.00 | 1.00 | | 2.00 | LD | Refuerzo c/ 25m |
| | | 1.0 | 1.50 | 1.00 | | 1.50 | LD | Refuerzo c/ 25m |
| | | | | | | 0.00 | | |
| 4+770 | 4+781 | 10.8 | 2.50 | 1.00 | | 26.93 | LD | Gavión A |
| | | 10.8 | 2.00 | 1.00 | | 21.54 | LD | Gavión B |
| | | 10.8 | 1.50 | 1.00 | | 16.16 | LD | Gavión C |
| | | 10.8 | 4.00 | 0.23 | | 9.91 | LD | Base A° |
| | | 1.0 | 2.00 | 1.00 | | 2.00 | LD | Refuerzo c/ 25m |
| | | 1.00 | 1.50 | 1.00 | | 1.50 | LD | Refuerzo c/ 25m |
| | | | | | | 0.00 | | |
| Salida de Canal FERUSA | | 3.00 | 2.00 | 1.00 | | 6.00 | LI | Ferusa |
| | | 3.00 | 2.00 | 1.00 | | 6.00 | LI | Ferusa |
| | | 8.60 | 5.50 | 0.50 | | 23.65 | LI | Ferusa Pantalla |
| | | | | | | | | |
| **Subtotal Frente 2** | | | | | | **2,459.91** | | |
| | | | | | | | | |
| **Subtotal Frente 3** | | | | | | **0.00** | | |
| | | | | | | | | |
| **Subtotal Frente 4** | | | | | | **0.00** | | |

**Parcial= 2,459.91 m3**

**Cantidad total de Descargas de Galerías con Gaviones = 2,459.91 m3**

**Item N°: 25 Manip. P. Bruta Revestimiento de Canal** Unidad: m3

| Progresivas | | Cantidad | Espesor | Alto | Longitud | Volumen m3 | Observaciones |
|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | | **0.00** | |
| | | | | | | | |
| 3+330 | | 1.00 | 0.35 | 1.00 | 3.75 | 1.31 | LD |
| | | 1.00 | 0.30 | 1.85 | 5.10 | 2.83 | LD |
| | | | | | | | |
| 3+725 | | 1.00 | 0.40 | 1.00 | 2.80 | 1.12 | LD |
| | | 1.00 | 0.40 | 1.00 | 1.20 | 0.48 | LD |
| | | 1.00 | 0.15 | 0.80 | 2.00 | 0.24 | LD |
| | | | | | | | |
| 3+491 | 3+577 | 1.00 | 0.35 | 0.70 | 172.00 | 42.14 | |
| | | | | | | | |
| 4+100 | | 2.00 | 0.30 | 1.50 | 0.80 | 0.72 | B° Pilar del Norte |
| | | | | | | | |
| Sistema 4+080 | | 1.00 | 0.40 | 2.00 | 1.50 | 1.20 | A 790m de Ruta 3 L.I. |
| | | 1.00 | 0.40 | 2.00 | 2.60 | 2.08 | |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Subtotal Frente 1** | | | | | | **0.00** | | |
| | | | | | | | | |
| 3+030.00 | | 4.00 | 2.50 | 1.00 | | 10.00 | LD | Puente Aliviadero |
| 3+030.00 | | 4.00 | 2.00 | 1.00 | | 8.00 | LD | Puente Aliviadero |
| 3+030.00 | | 3.00 | 1.50 | 1.00 | | 4.50 | LD | Puente Aliviadero |
| 3+030.00 | | 2.00 | 1.00 | 1.00 | | 2.00 | LD | Puente Aliviadero |
| | | | | | | 0.00 | | |
| 3+030.00 | | 4.00 | 2.50 | 1.00 | | 10.00 | LI | Puente Aliviadero |
| 3+030.00 | | 4.00 | 2.00 | 1.00 | | 8.00 | LI | Puente Aliviadero |
| 3+030.00 | | 3.00 | 1.50 | 1.00 | | 4.50 | LI | Puente Aliviadero |
| 3+030.00 | | 2.00 | 1.00 | 1.00 | | 2.00 | LI | Puente Aliviadero |
| | | | | | | 0.00 | | |
| 3+040.00 | | 4.00 | 2.50 | 1.00 | | 10.00 | LD | Puente Aliviadero |
| 3+040.00 | | 4.00 | 2.00 | 1.00 | | 8.00 | LD | Puente Aliviadero |
| 3+040.00 | | 3.00 | 1.50 | 1.00 | | 4.50 | LD | Puente Aliviadero |
| 3+040.00 | | 2.00 | 1.00 | 1.00 | | 2.00 | LD | Puente Aliviadero |
| | | | | | | 0.00 | | |
| 3+030.00 | | 4.00 | 2.50 | 1.00 | | 10.00 | LI | Puente Aliviadero |
| 3+030.00 | | 4.00 | 2.00 | 1.00 | | 8.00 | LI | Puente Aliviadero |
| 3+030.00 | | 3.00 | 1.50 | 1.00 | | 4.50 | LI | Puente Aliviadero |
| 3+030.00 | | 2.00 | 1.00 | 1.00 | | 2.00 | LI | Puente Aliviadero |
| | | | | | | | | |
| 2+800.00 | | 7.10 | 2.50 | 1.00 | | 17.75 | LI | Puente Itay |
| 2+800.00 | | 6.50 | 2.00 | 1.00 | | 13.00 | LI | Puente Itay |
| 2+800.00 | | 5.85 | 1.50 | 1.00 | | 8.78 | LI | Puente Itay |
| 2+800.00 | | 4.80 | 1.00 | 1.00 | | 4.80 | LI | Puente Itay |
| | | | | | | 0.00 | | |
| 2+800.00 | | 2.50 | 1.00 | 1.00 | | 2.50 | LD | Puente Itay |
| 2+800.00 | | 2.00 | 1.00 | 1.00 | | 2.00 | LD | Puente Itay |
| 2+800.00 | | 1.50 | 1.40 | 1.00 | | 2.10 | LD | Puente Itay |
| 2+800.00 | | 2.00 | 1.00 | 1.00 | | 2.00 | LD | Puente Itay |
| | | | | | | 0.00 | | |
| 2+800.00 | | 6.70 | 2.50 | 1.00 | | 15.75 | LI | Puente Itay |
| 2+800.00 | | 6.00 | 2.00 | 1.00 | | 12.00 | LI | Puente Itay |
| 2+800.00 | | 5.50 | 1.50 | 1.00 | | 8.25 | LI | Puente Itay |
| 2+800.00 | | 4.70 | 1.00 | 1.00 | | 4.70 | LI | Puente Itay |
| | | | | | | 0.00 | | |
| 2+800.00 | | 2.00 | 2.50 | 1.00 | | 5.00 | LD | Puente Itay |
| 2+800.00 | | 6.00 | 2.00 | 1.00 | | 12.00 | LD | Puente Itay |
| 2+800.00 | | 5.25 | 1.50 | 1.00 | | 7.88 | LD | Puente Itay |
| 2+800.00 | | 4.70 | 1.00 | 1.00 | | 4.70 | LD | Puente Itay |
| | | | | | | | | |
| 4+534 | | 4.00 | 4.00 | 0.17 | | 2.72 | LD | Descarga de Gavión ACD 1,00x1,00 |
| 4+534 | | 1.00 | 4.00 | 0.50 | | 2.00 | LD | Descarga de Gavión ACD 1,00x1,00 |
| 4+534 | | 2.00 | 2.50 | 1.00 | | 5.00 | LD | Descarga de Gavión ACD 1,00x1,00 |
| 4+534 | | 2.60 | 1.00 | 0.50 | | 1.30 | LD | Descarga de Gavión ACD 1,00x1,00 |
| 4+534 | | 2.60 | 1.00 | 0.50 | | 1.30 | LD | Descarga de Gavión ACD 1,00x1,00 |
| 4+534 | | 2.80 | 2.50 | 1.00 | | 7.00 | LD | Descarga de Gavión ACD 1,00x1,00 |
| 4+534 | | 2.00 | 1.00 | 1.00 | | 2.00 | LD | Descarga de Gavión ACD 1,00x1,00 |
| 4+534 | | 3.70 | 1.00 | 0.20 | | 0.74 | LD | Descarga de Gavión ACD 1,00x1,00 |
| 4+534 | | 2.80 | 0.60 | 0.40 | | 0.67 | LD | Descarga de Gavión ACD 1,00x1,00 |
| 4+534 | | | | | | 23.84 | | |
| 4+582,6 | | 4.00 | 4.00 | 0.17 | | 2.72 | LD | Descarga de Gavión ACS 1,50x1,50 |
| 4+582,6 | | 4.00 | 1.00 | 0.50 | | 2.00 | LD | Descarga de Gavión ACS 1,50x1,50 |
| 4+582,6 | | 2.50 | 2.50 | 1.00 | | 6.25 | LD | Descarga de Gavión ACS 1,50x1,50 |
| 4+582,6 | | 1.30 | 1.00 | 0.50 | | 0.65 | LD | Descarga de Gavión ACS 1,50x1,50 |
| 4+582,6 | | 1.30 | 1.00 | 0.50 | | 0.65 | LD | Descarga de Gavión ACS 1,50x1,50 |
| 4+582,6 | | 2.00 | 2.50 | 1.00 | | 5.00 | LD | Descarga de Gavión ACS 1,50x1,50 |
| 4+582,6 | | 2.00 | 1.00 | 0.50 | | 1.00 | LD | Descarga de Gavión ACS 1,50x1,50 |
| 4+582,6 | | 2.00 | 1.00 | 0.50 | | 1.00 | LD | Descarga de Gavión ACS 1,50x1,50 |
| 4+582,6 | | 1.50 | 1.00 | 0.50 | | 0.75 | LD | Descarga de Gavión ACS 1,50x1,50 |
| | | | | | | | | |
| 4+526 | | 5.00 | 2.50 | 1.00 | | 12.50 | LI | Puente Damian |
| | | 5.00 | 2.00 | 1.00 | | 10.00 | LI | Puente Damian |
| | | 5.00 | 1.50 | 1.00 | | 7.50 | LI | Puente Damian |
| | | 5.00 | 1.00 | 1.00 | | 5.00 | LI | Puente Damian |
| 4+740 | | 14.00 | 1.00 | 1.00 | | 14.00 | LI | Puente Damian |
| | | 20.00 | 4.00 | 0.23 | | 18.40 | LI Colchon | Puente Damian |

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

## COMPUTO METRICO

### CONVENIO MODIFICATORIO N° 5

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0+320 | | 9.00 | 20.00 | 0.10 | | 18.00 | | ACC 2,00x2,00 | |
| 0+380 | | 9.00 | 60.00 | 0.10 | | 54.00 | | ACC 2,00x2,00 | |
| 0+392 | | 9.00 | 12.00 | 0.10 | | 10.80 | | ACC 2,00x2,00 | |
| 0+416 | | 9.00 | 24.00 | 0.10 | | 21.60 | | ACC 2,00x2,00 | |
| 0+515 | | 9.00 | 98.80 | 0.10 | | 88.92 | | ACC 2,00x2,00 | |
| Sistema FERUSA | | | | | | | | | |
| 0+294.00 | | 1.50 | 12.00 | 0.10 | | 1.80 | LI Conexión con Registro | | |
| | | | | | | | | | |
| 5+280.00 | mpa Circunvalaci | 1.50 | 22.00 | 0.10 | | 3.30 | LI | ACS-1,00x1,00 | |
| | | | | | | | | | |
| **Subtotal Frente 2** | | | | | | **1137.70** | | | |
| | | | | | | | | | |
| ACCESO LIMPIO | | | | | | | | | |
| -0+028 | 0+000 | 2.10 | 28.00 | 0.10 | | 5.88 | L.I. | ACS1,5x1,5 -061 | CI-062 a CI-061 |
| 0+000 | 0+155 | 2.10 | 155.00 | 0.10 | | 32.55 | L.I. | | |
| 0+155 | 0+180 | 2.10 | 25.00 | 0.10 | | 5.25 | L.I. | | |
| 0+180 | 0+192 | 2.10 | 12.00 | 0.10 | | 2.52 | L.I. | | |
| 0+192 | 0+220 | 2.10 | 28.00 | 0.10 | | 5.88 | L.I. | ACS1,5x1,5 -060 | CI-061 a CI-060 |
| 0+220 | 0+235 | 2.10 | 15.00 | 0.10 | | 3.15 | L.I. | | |
| 0+235 | 0+250 | 2.10 | 15.00 | 0.10 | | 3.15 | L.I. | | |
| 0+250 | 0+265 | 2.10 | 15.00 | 0.10 | | 3.15 | L.I. | | |
| 0+265 | 0+492 | 2.10 | 227.00 | 0.10 | | 47.67 | L.I. | | |
| 0+492 | 0+502 | 2.10 | 10.00 | 0.10 | | 2.10 | L.I. | | |
| | | | | | | | | | |
| 0+000 | 0+156 | 6.90 | 156.00 | 0.10 | | 107.64 | LD | ACT2,0x2,0 -065 | CI-067 a CI-066 |
| 0+156 | 0+272 | 6.90 | 116.00 | 0.10 | | 80.04 | LD | ACT2,0x2,0 -064 | CI-066 a CI-065 |
| 0+272 | 0+356 | 6.90 | 84.00 | 0.10 | | 57.96 | LD | ACT2,0x2,0 -063 | CI-065 a CI-064 |
| 0+356 | 0+391 | 6.90 | 34.50 | 0.10 | | 23.81 | LD | ACT2,0x2,0 -062 | CI-064 a Reja Sextuple |
| | | | | | | | | | |
| Calle interna Sist. 5+500 | 5+415 Acc. Limpio | 1.60 | 14.00 | 0.10 | | 2.24 | L.D. | ACS1,0x1,0 - | |
| | | | | | | | | | |
| Calle interna Sist. 5+200 | 5+505 | 4.75 | 29.00 | 0.10 | | 13.78 | LD | ACD1,5x1,5 -063a | Reja Cuadruple a CI-065 |
| | | | | | | | | | |
| Sist. 5+200, A.C.T. 2,0 x 2,0 Ampliacion L.D. | | 6.90 | 44.00 | 0.10 | | 30.36 | 0+000 | 44 | |
| | | | | | | | | | |
| Sist. 5+200, A.C.T. 2,0 x 2,0 Ampliacion L.I. | | 6.90 | 10.00 | 0.10 | | 6.90 | 0+000 | 10 | |
| | | | | | | | | | |
| Cruce Ruta | 7+445 | 3.75 | 30.00 | 0.10 | | 11.25 | | | |
| Cruce Ruta | 7+453 | 3.75 | 30.00 | 0.10 | | 11.25 | | | |
| | | | | | | | | | |
| 6+940 | | 2.75 | 13.00 | 0.10 | 3.58 | 3.58 | | ACD 1,00X1,00 | |
| 7+960 | | 2.75 | 13.00 | 0.10 | 3.58 | 3.58 | | ACD 1,00X1,00 | |
| 8+400 | | 2.75 | 18.20 | 0.10 | 5.01 | 5.01 | | ACD 1,00X1,00 | |
| | | | | | | | | | |
| 6+526 | | 5.10 | 12.00 | 0.10 | 6.12 | 6.12 | | ACD 2,00X2,00 | |
| 8+904 | | 5.10 | 15.00 | 0.10 | 7.65 | 7.65 | | ACD 2,00X2,00 | |
| | | | | | | | | | |
| 6+940 | | | | | 1.97 | 1.97 | Cabecera | ACD 1,00X1,00 | |
| 7+960 | | | | | 1.97 | 1.97 | Cabecera | ACD 1,00X1,00 | |
| 8+400 | | | | | 1.97 | 1.97 | Cabecera | ACD 1,00X1,00 | |
| | | | | | | | | | |
| 6+526 | | | | | 4.27 | 4.27 | Cabecera | ACD 2,00X2,00 | |
| 8+904 | | | | | 4.27 | 4.27 | Cabecera | ACD 2,00X2,00 | |
| | | | | | 8.75 | 8.75 | | | |
| **Subtotal Frente 3** | | | | | | **505.65** | | | |
| | | | | | | | | | |
| **Subtotal Frente 3.1** | | | | | | **0.00** | | | |
| | | | | | | | | | |
| 9+200.00 | | 2.75 | 15.00 | 0.1 | 4.13 | 4.13 | Cruce Piquete Cue | | ACS 1,50x1,50 |
| | | | | | 4.27 | 4.27 | Cabecera | | |
| 6+000.00 | | 1.50 | 9.00 | 0.1 | 1.35 | 1.35 | Cruce 6+000 | | ACS 1,00x1,00 |
| | | | | | 1.35 | 1.35 | Cabecera | | |
| | | | | | | | | | |
| **Subtotal Frente 4** | | | | | | **11.10** | | | |

**Parcial=** **2,421.56 m3**

**Cantidad total de Plateas de Hº simple para alcantarilla celular = 2,421.56 m3**

**Item Nº: 24** **Descargas de Galerías con Gaviones** Unidad: **m3**

| Progresivas | | Longitud | Ancho | Altura | | Cantidad | Observaciones | |
|---|---|---|---|---|---|---|---|---|

Ing. Cristobal Cohene C.
Supervisor de Obra
DV MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

## COMPUTO METRICO

### CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4+180 | | 10.60 | 2.60 | 0.07 | | 1.93 | LD | Rejilla en Boca Calle |
| | | | | | | | | |
| 4+346 | 4+397 | 1.50 | 51.00 | 0.10 | | 7.65 | LD | Cel. 1,00x1,00 |
| | | | | | | | | |
| 4+397.0 | 4+398.3 | 2.75 | 1.30 | 0.10 | | 0.36 | LD | Registro 1,30x2,30 |
| 4+398.0 | 4+485.0 | 2.75 | 87.00 | 0.10 | | 23.93 | LD | Cel. 2x1,00x1,00 |
| 4+485.0 | 4+486.3 | 2.75 | 1.30 | 0.10 | | 0.36 | LD | Registro 1,30x2,30 |
| 4+487.0 | 4+534.0 | 2.75 | 47.00 | 0.10 | | 12.93 | LD | Cel. 2x1,00x1,00 |
| | | | | | | | | |
| 4+660.00 | | 2.55 | 4.42 | 0.10 | | 1.13 | LD | Sumidero |
| 4+800.00 | | 2.55 | 4.42 | 0.10 | | 1.13 | LD | Sumidero |
| | | | | | | | | |
| 4+582.6 | 4+665.6 | 2.00 | 83.00 | 0.10 | | 15.60 | LD | Cel. 1,50x1,50 |
| 4+665.6 | 4+667.1 | 2.00 | 1.50 | 0.10 | | 0.30 | LD | Reg 1,50x2,00 |
| 4+667.1 | 4+788.1 | 2.00 | 121.00 | 0.10 | | 24.20 | LD | Cel. 1,50x1,50 |
| 4+788.1 | 4+789.6 | 2.00 | 1.50 | 0.10 | | 0.30 | LD | Reg 1,50x2,00 |
| 4+789.6 | 4+840.0 | 2.00 | 50.40 | 0.10 | | 10.08 | LD | Cel. 1,50x1,50 |
| 4+840.0 | 4+897.6 | 2.10 | 57.60 | 0.10 | | 12.10 | | |
| 4+897.6 | 4+899.1 | 2.10 | 1.50 | 0.10 | | 0.32 | LD | Reg 1,50x2,00 |
| 4+899.1 | 4+949.1 | 2.10 | 50.00 | 0.10 | | 10.50 | LD | Cel. 1,50x1,50 |
| 4+949.1 | 4+954.8 | 2.20 | 5.70 | 0.10 | | 1.25 | LD | Cel. 1,50x1,50 |
| 4+954.8 | 4+956.3 | 2.20 | 1.50 | 0.10 | | 0.33 | LD | Reg 1,50x2,00 |
| 4+956.3 | 5+014.5 | 2.20 | 58.15 | 0.10 | | 12.79 | LD | Cel. 1,50x1,50 |
| 5+014.5 | 5+016.0 | 2.20 | 1.50 | 0.10 | | 0.33 | LD | Reg 1,50x2,00 |
| 5+016.0 | 5+066.2 | 2.20 | 50.20 | 0.10 | | 11.04 | LD | Cel. 1,50x1,50 |
| 5+066.2 | 5+067.7 | 2.20 | 1.50 | 0.10 | | 0.33 | LD | Reg 1,50x2,00 |
| 5+067.7 | 5+125.0 | 2.20 | 57.30 | 0.10 | | 12.61 | LD | Cel. 1,50x1,50 |
| 5+125.0 | 5+126.5 | 2.20 | 1.50 | 0.10 | | 0.33 | LD | Reg 1,50x2,00 |
| 5+126.5 | 5+191.5 | 2.20 | 65.00 | 0.10 | | 14.30 | LD | Cel. 1,50x1,50 |
| 5+191.5 | 5+193.0 | 2.20 | 1.50 | 0.10 | | 0.33 | LD | Reg 1,50x2,00 |
| 5+224 | 5+225.5 | 1.50 | 2.00 | 0.10 | | 0.30 | LD-ABASTO | SC 050-A |
| 5+226 | | 2.10 | 2.10 | 0.10 | | 0.44 | LD-ABASTO | Reg 2,10x2,10 |
| | | | | | | | | |
| 5+062.00 | | 2.55 | 4.42 | 0.10 | | 1.13 | LD | Sumidero |
| 5+120.00 | | 2.55 | 4.42 | 0.10 | | 1.13 | LD | Sumidero |
| | | | | | | | | |
| 5+238.0 | | 1.55 | 3.42 | 0.10 | | 0.53 | LI | Sumidero Sca |
| | | | | | | | | |
| 5+244.70 | 5+264.70 | 2.20 | 20.00 | 0.10 | | 4.40 | LI | ACS 1,50x1,50 |
| | | | | | | | | |
| 3+868 | | 2.55 | 4.42 | 0.10 | | 1.13 | LI | Sumidero |
| | | | | | | | | |
| 3+970 | | 2.55 | 4.42 | 0.10 | | 1.13 | LI | Sumidero |
| 4+041 | | 2.55 | 4.42 | 0.10 | | 1.13 | LI | Sumidero |
| | | | | | | | | |
| 4+088.00 | | 1.80 | 1.80 | 0.10 | | 0.32 | LI | Registro |
| | | | | | | | | |
| 4+128.65 | | 1.30 | 1.60 | 0.10 | | 0.21 | LI | Registro |
| 4+170.00 | | 1.30 | 1.60 | 0.10 | | 0.21 | LI | Registro |
| | | | | | | | | |
| 4+128.65 | | 2.55 | 2.70 | 0.10 | | 0.69 | LI | Sumidero |
| 4+170.00 | | 2.55 | 2.70 | 0.10 | | 0.69 | LI | Sumidero |
| | | | | | | | | |
| Sistema 4+080 | | | | | | | | |
| 0+000.0 | 0+040.0 | 3.75 | 40.00 | 0.10 | | 15.00 | 1,50x1,50 Sistema 4+080 | |
| 0+040.0 | 0+340.0 | 3.75 | 300.00 | 0.10 | | 112.50 | 1,50x1,50 Sistema 4+080 | |
| 0+340.0 | 0+590.0 | 3.75 | 250.00 | 0.10 | | 93.75 | 1,50x1,50 Sistema 4+080 | |
| 0+590.0 | 0+808.0 | 3.75 | 218.00 | 0.10 | | 81.75 | 1,50x1,50 Sistema 4+080 | |
| 0+808.00 | 0+838.65 | 3.75 | 30.65 | 0.10 | | 11.49 | | ACD 1,50x1,50 |
| | | | | | | | | |
| Sistema 4+080 | | 2.08 | 1.50 | 0.10 | | 0.31 | A 790 m de Ruta 3 | L.I. |
| | | | | | | | | |
| ACC 2,00 x 2,00 | | | | | | | | |
| 0+196 | | | | | | | | |
| 0+220 | | 9.00 | 24.00 | 0.10 | | 21.60 | | ACC 2,00x2,00 |
| 0+240 | | 9.00 | 20.00 | 0.10 | | 18.00 | | ACC 2,00x2,00 |
| 0+260 | | 9.00 | 20.00 | 0.10 | | 18.00 | | ACC 2,00x2,00 |
| 0+280 | | 9.00 | 20.00 | 0.10 | | 18.00 | | ACC 2,00x2,00 |
| 0+300 | | 9.00 | 20.00 | 0.10 | | 18.00 | | ACC 2,00x2,00 |

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

COMPUTO METRICO

CONVENIO MODIFICATORIO N° 5

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3+309 | 3+311 | 1.50 | 1.30 | 0.10 | | 0.19 | LD | Registro Sca |
| 3+311 | 3+334 | 1.50 | 23.50 | 0.10 | | 3.53 | LD | Cel. 1,00x1,00 |
| | | | | | | | | |
| 3+342 | | 1.50 | 5.10 | 0.10 | | 0.77 | Lateral LI | Cel. 1,00x1,00 |
| 3+341 | 3+343 | 1.50 | 1.50 | 0.10 | | 0.23 | LI | Registro 1,50x1,50 |
| 3+343 | 3+383 | 1.50 | 40.00 | 0.10 | | 6.00 | LI | Cel. 1,00x1,00 |
| 3+383 | 3+385 | 1.50 | 2.70 | 0.10 | | 0.40 | LI | Sumidero SC2a |
| 3+385 | 3+445 | 1.50 | 60.00 | 0.10 | | 9.00 | LI | Cel. 1,00x1,00 |
| 3+445 | 3+448 | 1.50 | 2.50 | 0.10 | | 0.38 | LI | Sumidero SC2a |
| 3+448 | 3+493 | 1.50 | 45.00 | 0.10 | | 6.75 | LI | Cel. 1,00x1,00 |
| 3+493 | 3+494 | 1.50 | 1.50 | 0.10 | | 0.23 | LI | Registro 1,50x1,50 |
| 3+494 | 3+524 | 1.50 | 30.00 | 0.10 | | 4.50 | LI | Cel. 1,00x1,00 |
| 3+524 | 3+527 | 1.50 | 2.60 | 0.10 | | 0.39 | LI | Sumidero SC2a |
| | | | | | | | | |
| 3+491.3 | 3+577.3 | 1.30 | 86.00 | 0.10 | | 11.18 | LI | Canal de Piedra |
| | | | | | | | | |
| 3+353.00 | 3+354.30 | 1.55 | 3.42 | 0.10 | | 0.53 | LD | Sumidero Sca |
| | | | | | | | | |
| 3+404.00 | 3+405.30 | 1.55 | 3.42 | 0.10 | | 0.53 | LD | Sumidero Sca |
| 3+454.00 | 3+455.30 | 1.55 | 3.42 | 0.10 | | 0.53 | LD | Sumidero Sca |
| | | | | | | | | |
| 3+475 | | 1.55 | 3.42 | 0.10 | | 0.53 | LD | Sumidero Sca |
| | | | | | | | | |
| 3+551 | | 1.55 | 3.42 | 0.10 | | 0.53 | L.D. | Sumidero Sca |
| | | | | | | | | |
| 3+597.44 | 3+598.74 | 1.55 | 3.42 | 0.10 | | 0.53 | LD | Sumidero Sca |
| | | | | | | | | |
| 3+613.70 | 3+615.00 | 1.55 | 3.42 | 0.10 | | 0.53 | LD | Sumidero Sca |
| | | | | | | | | |
| 3+660.94 | 3+662.24 | 1.55 | 3.42 | 0.10 | | 0.53 | LD | Sumidero Sca |
| | | | | | | | | |
| 3+714.24 | 3+715.54 | 1.55 | 3.42 | 0.10 | | 0.53 | LD | Sumidero Sca |
| | | | | | | | | |
| 3+732.04 | 3+733.34 | 1.55 | 3.42 | 0.10 | | 0.53 | LD | Sumidero Sca |
| | | | | | | | | |
| 3+336.04 | 3+341.44 | 2.75 | 5.40 | 0.10 | | 1.49 | LD | ACD 1,00x1,00 |
| 3+341.44 | 3+401.44 | 2.75 | 60.00 | 0.10 | | 16.50 | LD | ACD 1,00x1,00 |
| 3+401.44 | 3+402.74 | 2.75 | 1.30 | 0.10 | | 0.36 | LD | Registro |
| 3+402.74 | 3+437.74 | 2.75 | 35.00 | 0.10 | | 9.62 | LD | ACD 1,00x1,00 |
| 3+437.74 | 3+439.04 | 2.75 | 1.30 | 0.10 | | 0.36 | LD | Registro |
| 3+439.04 | 3+489.04 | 2.75 | 50.00 | 0.10 | | 13.75 | LD | ACD 1,00x1,00 |
| 3+489.04 | 3+490.34 | 2.75 | 1.30 | 0.10 | | 0.36 | LD | Registro |
| 3+490.34 | 3+600.00 | 2.75 | 109.66 | 0.10 | | 30.16 | LD | ACD 1,00x1,00 |
| 3+600.00 | 3+601.30 | 2.75 | 1.30 | 0.10 | | 0.36 | LD | Registro |
| 3+601.30 | 3+701.30 | 2.75 | 100.00 | 0.10 | | 27.50 | LD | ACD 1,00x1,00 |
| 3+701.30 | 3+702.60 | 2.75 | 1.30 | 0.10 | | 0.36 | LD | Registro |
| 3+702.60 | 3+802.60 | 2.75 | 100.00 | 0.10 | | 27.50 | LD | ACD 1,00x1,00 |
| 3+802.60 | 3+803.90 | 2.75 | 1.30 | 0.10 | | 0.36 | LD | Registro |
| 3+803.90 | 3+818.30 | 2.75 | 14.40 | 0.10 | | 3.96 | LD | ACD 1,00x1,00 |
| | | | | | | | | |
| 3+970.00 | | 1.55 | 6.84 | 0.10 | | 1.06 | LD | Sumidero Doble |
| | | | | | | | | |
| 3+975.00 | Viaducto 4+000 | 1.00 | 4.00 | 0.10 | | 0.40 | Gavión LMRA | Registros |
| | | | | | | | | |
| 3+995.00 | Viaducto 4+000 | 1.00 | 4.00 | 0.10 | | 0.40 | Gavión L.LIMPIO | Registros |
| | | | | | | | | |
| 3+941.47 | 3+995.00 | 1.50 | 53.53 | 0.10 | | 8.03 | LD | ACS 1,00x1,00 |
| 3+995.0 | 4+070.0 | 1.50 | 75.00 | 0.10 | | 11.25 | LD | ACS 1,00x1,00 |
| 4+070 | 4+087 | 3.75 | 17.00 | 0.10 | | 6.38 | LD | ACD 1,50x1,50 |
| 4+087.0 | 4+179.5 | 3.75 | 92.50 | 0.10 | | 34.69 | LD | ACD 1,50x1,50 |
| 4+179.50 | 4+302.59 | 3.00 | 123.09 | 0.10 | | 36.93 | LD | ACS 1,50x1,50 |
| | | | | | | | | |
| 4+148 | | 2.55 | 4.42 | 0.10 | | 1.13 | L.D. | Sumidero |
| | | | | | | | | |
| 4+095.00 | CI-113 | 2.55 | 4.42 | 0.10 | | 1.13 | LD | Sumidero |
| | | | | | | | | |
| 4+300.00 | CI-110 | 2.75 | 20.00 | 0.10 | | 5.50 | LD | ACS 1,00x1,00 |
| | | 3.60 | 13.60 | 0.10 | | 4.90 | LD | Sumidero |

Ing. Cristobal Cohene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal

## COMPUTO METRICO

### CONVENIO MODIFICATORIO N° 5

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1+191.00 | 1+217.50 | 2.10 | 26.50 | 0.10 | | 5.57 | LD | ACS1,5x1,5 -080 | CI-080 a CI-040 |
| Calle interna Sist. 1+ | 1+220 | 2.10 | 15.00 | 0.10 | | 3.15 | LD | ACS1,5x1,5 -080A | ST-007 a CI-080 |
| | | | | | | | | | |
| Calle interna Sist. 1+ | 1+400 | 2.10 | 180.00 | 0.10 | | 37.80 | LD | ACS1,5x1,5 -135E/135D | 135D a CI-135E a Out-135 |
| Cruce Ruta Sist. 1+4 | 1+400 | 2.10 | 91.48 | 0.10 | | 19.21 | LD | ACS1,5x1,5 -135a/135B/135C/135f | a CI-135B a CI-135C a CI-135D |
| 1+400 | 1+428 | 2.10 | 27.75 | 0.10 | | 5.83 | LD | ACS1,5x1,5 -132 | CI-133 a CI-134 |
| 1+428 | 1+483 | 2.10 | 55.40 | 0.10 | | 11.63 | LD | ACS1,5x1,5 -132 | CI-133 a CI-134 |
| 1+483 | 1+520 | 2.10 | 36.85 | 0.10 | | 7.74 | LD | ACS1,5x1,5 -133 | CI-132 a CI-133 |
| 1+520 | 1+550 | 2.10 | 30.00 | 0.10 | | 6.30 | LD | ACS1,5x1,5 | |
| 1+550 | 1+583 | 2.10 | 33.00 | 0.10 | | 6.93 | LD | ACS1,5x1,5 -135 | CI-137 a CI-136 |
| | | | | | | | | | |
| 1+583 | | 2.10 | 13.00 | 0.10 | | 2.73 | LD | ACS1,5x1,5 -135f | |
| | | | | | | | | | |
| 1+700 | 1+760 | 2.10 | 60.00 | 0.10 | | 12.60 | LD | ACS1,5x1,5 -141 | CI-141 a CI-142 |
| 1+760 | 1+820 | 2.10 | 60.00 | 0.10 | | 12.60 | LD | ACS1,5x1,5 -142 | CI-142 a CI-143 |
| 1+820 | 1+870 | 2.10 | 50.00 | 0.10 | | 10.50 | LD | ACS1,5x1,5 -143 | CI-143 a CI-144 |
| 1+870 | 1+928 | 2.10 | 57.50 | 0.10 | | 12.08 | LD | ACS1,5x1,5 -144 | CI-144 a CI-145 |
| 1+928 | 1+990 | 2.10 | 62.50 | 0.10 | | 13.13 | LD | ACS1,5x1,5 -145 | CI-145 a CI-146 |
| Cruce Ruta Sist. 2+1 | 1+990 | 2.10 | 15.00 | 0.10 | | 3.15 | LD | ACS1,5x1,5 -146 | CI-146 a CI-147 |
| Cruce Ruta Sist. 2+1 | 1+990 | 2.10 | 18.00 | 0.10 | | 3.78 | L.I. | ACS1,5x1,5 -146 | CI-146 a CI-147 |
| 1+990 | 2+066 | 2.10 | 76.00 | 0.10 | | 15.96 | L.I. | ACS1,5x1,5 -147A | CI-147 a CI-147A |
| 2+066 | 2+177 | 2.10 | 111.00 | 0.10 | | 23.31 | L.I. | ACS1,5x1,5 -147B | CI-147A a CI-147B |
| Calle interna Sist. 2+ | L.I. | 2.10 | 19.00 | 0.10 | | 3.99 | L.I. | ACS1,5x1,5 -147B1 | CI-147A a CI-147B |
| Calle interna Sist. 2+ | L.I. | 2.10 | 63.00 | 0.10 | | 13.23 | L.I. | ACS1,5x1,5 -147C | CI-147B2 a CI-147C |
| Calle interna Sist. 2+ | L.I. | 2.10 | 111.00 | 0.10 | | 23.31 | L.I. | ACS1,5x1,5 -147D/E | 147C a CI-147D a CI-147E |
| Calle interna Sist. 2+ | L.I. | 2.10 | 164.40 | 0.10 | | 34.52 | L.I. | ACS1,5x1,5 -147F/G/H | 7E a CI-147F a CI-147G a Out |
| 2+020 | 2+040 | 1.60 | 20.00 | 0.10 | | 3.20 | L.D. | ACS1,0x1,0 | |
| 2+040 | 2+060 | 1.60 | 20.00 | 0.10 | | 3.20 | L.D. | ACS1,0x1,0 -150 | CI-150 a CI-151 |
| 2+060 | 2+130 | 1.60 | 70.38 | 0.10 | | 11.26 | L.D. | ACS1,0x1,0 -151 | CI-151 a CI-152 |
| 2+130 | 2+146 | 1.60 | 15.90 | 0.10 | | 2.54 | L.D. | ACS1,0x1,0 -152 | CI-152 a CI-153 |
| 2+146 | 2+181 | 1.60 | 35.00 | 0.10 | | 5.60 | L.D. | ACS1,0x1,0 -152 | CI-152 a CI-153 |
| 2+181 | 2+240 | 1.60 | 59.00 | 0.10 | | 9.44 | L.D. | ACS1,0x1,0 -153 | CI-153 a CI-154 |
| | | | | | | | | | |
| 2+241 | 2+297 | 2.10 | 56.00 | 0.10 | | 11.76 | LD | ACS1,5x1,5 -154 | CI-154 a CI-155 |
| 2+297 | 2+337 | 2.10 | 40.00 | 0.10 | | 8.40 | LD | ACS1,5x1,5 -155 | CI-155 a CI-156 |
| 2+337 | 2+396 | 2.10 | 59.00 | 0.10 | | 12.39 | LD | ACS1,5x1,5 -156 | CI-156 a CI-157 |
| 2+396 | 2+443 | 2.10 | 47.00 | 0.10 | | 9.87 | LD | ACS1,5x1,5 -157 | CI-157 a CI-158 |
| 2+443 | 2+500 | 2.10 | 57.00 | 0.10 | | 11.97 | LD | ACS1,5x1,5 -158 | CI-158 a CI-159 |
| | | | | | | | | | |
| 2+500 | 2+558 | 3.75 | 58.00 | 0.10 | | 21.75 | LD | ACD1,5x1,5 -160 | CI-0159 a CI-162 |
| 2+558 | 2+595 | 3.75 | 37.00 | 0.10 | | 13.88 | LD | ACD1,5x1,5 -160A | CI-162 a CI-161 |
| 2+595 | 2+697 | 3.75 | 102.30 | 0.10 | | 38.36 | LD | ACD1,5x1,5 -161 | CI-161 a CI-170 |
| 2+697 | 2+771 | 3.75 | 73.70 | 0.10 | | 27.64 | LD | ACD1,5x1,5 -162 | CI-170 a CI-171 |
| | | | | | | | | | |
| Cruce Ruta Sist. 2+800 | | 3.75 | 9.00 | 0.10 | | 3.38 | L.I. | ACD1,5x1,5 -163 | CI-171 a CI-172 |
| Cruce Ruta Sist. 2+800 | | 3.75 | 19.00 | 0.10 | | 7.13 | L.I. | ACD1,5x1,5 -164 | CI-172 a CI-173 |
| Cruce Ruta Sist. 2+800 | | 3.75 | 10.00 | 0.10 | | 3.75 | L.I. | ACD1,5x1,5 -165 | CI-173 a CI-174 |
| Cruce Ruta Sist. 2+800 | | 3.75 | 15.50 | 0.10 | | 5.81 | L.I. | ACD1,5x1,5 -166 | CI-174 a Descarga Itay |
| | | | | | | | | | |
| **Subtotal Frente 1** | | | | | | **767.12** | | | |
| | | | | | | | | | |
| 3+176 | | 1.55 | 3.42 | 0.10 | | 0.53 | L.D. | Sumidero Sca | |
| 3+225 | | 1.55 | 3.42 | 0.10 | | 0.53 | L.D. | Sumidero Sca | |
| 3+267 | | 1.55 | 3.42 | 0.10 | | 0.53 | L.D. | Sumidero Sca | |
| 3+310 | | 1.55 | 3.42 | 0.10 | | 0.53 | L.D. | Sumidero Sca | |
| 3+330 | | 2.60 | 7.80 | 0.10 | | 2.03 | L.D. | Sumidero Sca | |
| | | | | | | | | | |
| 3+335 | | 4.90 | 19.60 | 0.10 | | 9.60 | Lateral LI | ACD 2,00x2,00 | |
| 3+335 | | 6.80 | 3.55 | 0.10 | | 2.41 | Lateral LI | ACD 2,00x2,00 | |
| 3+335 | | 4.90 | 16.00 | 0.10 | | 7.84 | Lateral LD | ACD 2,00x2,00 | |
| 3+330 | | 4.90 | 5.58 | 0.10 | | 2.73 | LI | ACD 2,00x2,00 | |
| | | | | | | | | | |
| 3+176 | 3+177 | 1.50 | 1.30 | 0.10 | | 0.20 | LD | Registro Sca | |
| 3+177 | 3+224 | 1.50 | 47.10 | 0.10 | | 7.06 | LD | Cel. 1,00x1,00 | |
| 3+224 | 3+225 | 1.50 | 1.30 | 0.10 | | 0.20 | LD | Registro Sca | |
| 3+225 | 3+266 | 1.50 | 40.70 | 0.10 | | 6.10 | LD | Cel. 1,00x1,00 | |
| 3+266 | 3+267 | 1.50 | 1.30 | 0.10 | | 0.20 | LD | Registro Sca | |
| 3+267 | 3+309 | 1.50 | 41.90 | 0.10 | | 6.29 | LD | Cel. 1,00x1,00 | |

Ing. Cristobal Collene C.
Supervisor de Obra
DV - MOPC

CONSORCIO D-R
Ing. CESAR DANIEL DELGADO
Representante Legal