

SECCION: CUARTA K-349 a K-506

(LUCES MAYORES DE 5 MTS)

| CARGA Y ESTADO DE LAS OBRAS                                  |                                   |         |           |          |                           |                   |       |                      |                   |          |               |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         |                        |                         |                   |
|--------------------------------------------------------------|-----------------------------------|---------|-----------|----------|---------------------------|-------------------|-------|----------------------|-------------------|----------|---------------|----------------|-------------------------|-----------------------|-------|------|-------------------|----------|------------|-----------|----------------|----------------------|-------|------|-------------------|----------|------------|------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------|
| Nº                                                           | Nombre de la Obra                 | Abscisa | Luz Libre | Paso     | Tipo de Estructura        | VIGAS PRINCIPALES |       |                      |                   |          |               |                |                         | VIGAS TRANSVERSALES   |       |      |                   |          |            |           |                | VIGAS LONGITUDINALES |       |      |                   |          |            |            |                          | Carga Tipo              | Peso de la Estructura  | Estado de la Estructura |                   |
|                                                              |                                   |         |           |          |                           | Nº                | Largo | Alto                 | Dist. entre Vigas | VIGAS EN |               |                |                         | Nº                    | Largo | Alto | Dist. entre Vigas | VIGAS EN |            |           |                | Nº                   | Largo | Alto | Dist. entre Vigas | VIGAS EN |            |            |                          |                         |                        |                         |                   |
|                                                              |                                   |         |           |          |                           |                   |       |                      |                   | Celosía  | Alma Llena    |                | Perfil en               |                       |       |      |                   | Celosía  | Alma Llena |           | Perfil en      |                      |       |      |                   | Celosía  | Alma Llena |            | Perfil en                |                         |                        |                         |                   |
|                                                              |                                   |         |           |          |                           |                   |       |                      |                   |          | A             | ≠              |                         |                       |       |      |                   |          | P          | A         |                |                      |       |      |                   |          | ≠          | P          |                          |                         |                        |                         | A                 |
| SECCION CUARTA LA MARINA - ALEJANDRO LOPEZ K-349 N a K-506 T |                                   |         |           |          |                           |                   |       |                      |                   |          |               |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         |                        |                         |                   |
| 1                                                            | Puente Quebrada Chapas            | 352975  | 11.50     | Inferior |                           | 2                 | 13.80 | 2.55                 | 443               | Celosía  |               |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            | I 1        | E-30                     | 14.129                  | En mal Estado R. de E. |                         |                   |
| 2                                                            | Pontón " La Manga                 | 358.060 | 5.90      | Superior | VIGAS Y PLACA EN CONCRETO | 2                 | 6.90  | Ancho 0.58 0.50      | 150               |          | Losa          | 6.90x3.25x0.20 |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | En regular Estado       |                        |                         |                   |
| 3                                                            | " " Del 59                        | 358.720 | 5.80      | "        | "                         | 2                 | 6.90  | Ancho 0.58 0.50      | 150               |          |               | "              |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | "                        |                         |                        |                         |                   |
| 4                                                            | " " La Manga                      | 360.085 | 5.80      | "        | "                         | 2                 | 6.90  | Ancho 0.58 0.50      | 150               |          |               | "              |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | "                        |                         |                        |                         |                   |
| 5                                                            | " " El Cafetal                    | 363.524 | 8.00      | "        | "                         | 2                 | 9.40  | Ancho 0.60 0.80      | 235               |          |               | 9.40x3.25x0.35 |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | "                        |                         |                        |                         |                   |
| 6                                                            | " " El Azufzal                    | 367.260 | 5.90      | "        | "                         | 2                 | 7.25  | Ancho 0.60 0.70      | 257               |          |               | 7.25x3.15x0.20 |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | "                        |                         |                        |                         |                   |
| 7                                                            | " " Carbonero                     | 372.133 | 6.00      | "        | "                         | 2                 | 7.50  | Ancho 0.60 0.70      | 257               |          |               | 7.50x4.00x0.28 |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | "                        |                         |                        |                         |                   |
| 8                                                            | " " Garrapatos                    | 375.075 | 5.90      | "        | "                         | 2                 | 7.45  | Ancho 0.60 0.75      | 257               |          |               | 7.45x3.95x0.28 |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | "                        |                         |                        |                         |                   |
| 9                                                            | Puente " Chapetón                 | 379.267 | 20.07     | "        | DECK                      | 2                 | 21.40 |                      | 120               |          | R.V. 17 20x10 | 0.01           | 11.90 12.24 14.15 21.40 | 0.42                  |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | E-30                     | 26.322                  | "                      |                         |                   |
| 10                                                           | " " Río Otún                      | 380.474 | 25.00     | Inferior | THROUGH                   | 2                 | 26.30 | 6.74 Ancho 0.60 1.13 | 450               | Celosía  |               |                |                         |                       |       |      |                   |          |            | Ex. 2 N 7 | 4.77           | 0.57 0.70            | 3.25  |      |                   |          |            |            | I 1½ 38x15               | E-40                    | 35.834                 | "                       |                   |
| 11                                                           | Pontón Quebrada del Guayabo       | 384.306 | 9.90      | Superior | VIGAS Y PLACA EN CONCRETO | 2                 | 11.80 | Ancho 0.60 1.13      | 200               |          |               | Losa           | 11.80x4.00x0.30         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | "                       |                        |                         |                   |
| 12                                                           | " " La Coneja                     | 387.105 | 9.90      | "        | "                         | 2                 | 11.80 | Ancho 0.60 1.13      | 200               |          |               | "              |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | "                        |                         |                        |                         |                   |
| 13                                                           | Puente " La Mona                  | 388.342 | 19.25     | Inferior | PONNY                     | 2                 | 21.52 | 3.07 Ancho 0.50 1.00 | 437               | Celosía  | 15x10         | 0.01           | 30 x 1                  | 21.52                 |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | I 1½ 36x15               | E-40                    | 24.653                 | "                       |                   |
| 14                                                           | Pontón Carretera Marcella Caldas  | 388.433 | 4.00      | Superior | VIGAS Y PLACA EN CONCRETO | 2                 | 7.55  | Ancho 0.50 1.00      | 150               |          |               | Losa           | 7.55x4.00x0.30          |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | "                       |                        |                         |                   |
| 15                                                           | " " Río San Francisco             | 402.780 | 29.30     | "        | PONNY                     | 2                 | 32.00 | 4.34                 | 440               | Celosía  | 15x10         |                |                         |                       |       |      |                   |          |            | Ex 2 N 4  | Ex 5.51 N 5.18 | 0.61                 | 1.52  |      |                   |          |            | I 1½ 61x18 | E-30                     | 52.640                  | En mal Estado R. de E. |                         |                   |
| 16                                                           | " " Quebrada Santa Elena          | 405.435 | 6.00      | "        | VIGAS Y PLACA EN CONCRETO | 2                 | 7.00  | 0.50                 | 146               |          |               |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | Obra en Construcción    |                        |                         |                   |
| 17                                                           | Viaducto Río Campoalegre (1er Tr) | 408.270 | 19.75     | Inferior | PONNY                     | 2                 | 21.34 | 2.98                 | 459               | Celosía  |               |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | I 1½ 54x20               | E-40                    | 27.422                 | En buen Estado          |                   |
| 18                                                           | " " " (2º Tr)                     | 408.290 | 18.60     | Superior | DECK                      | 2                 | 19.90 | 1.80                 | 168               |          | R.V. 14 15x15 | 0.01           | 19x36 3                 |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | E-40                    | 22.985                 | "                       |                   |
| 19                                                           | " " " (3er Tr)                    | 408.310 | 18.60     | "        | "                         | 2                 | 19.90 | 1.80                 | 168               |          | R.V. 14 15x15 | 0.01           | 19x36 3                 |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | E-40                     | 22.985                  | "                      |                         |                   |
| 20                                                           | " " " (4º Tr)                     | 408.329 | 39.80     | Inferior | THROUGH                   | 2                 | 40.75 | 7.67 Ancho 0.50 0.70 | 457               | Celosía  | 18x20         |                | Losa                    |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | I 2½ 91x30               | E-40                    | 77.885                 | "                       |                   |
| 21                                                           | Pontón Paso Superior Carretera    | 413.238 | 6.90      | Superior | VIGAS Y PLACA EN CONCRETO | 2                 | 8.20  |                      |                   |          |               |                | 8.20x4.00x0.30          |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | En regular Estado       |                        |                         |                   |
| 22                                                           | Puente Río Chinchiná              | 419.000 | 39.80     | Inferior | THROUGH                   | 2                 | 40.75 | 7.60                 | 458               | Celosía  | 18x20         | 0.01           |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | I 2½ 91x30               | E-40                    | 77.885                 | En buen Estado          |                   |
| 23                                                           | Pontón Quebrada América Colombia  | 420.484 | 8.85      | Superior | DECK                      | 2                 | 9.96  | 1.79                 | 169               |          | R.V. 17 15x10 | 0.01           |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | E-40                    | 6.324                  | "                       |                   |
| 24                                                           | Puente " Llano Grande             | 422.775 | 39.60     | Inferior | THROUGH                   | 2                 | 40.85 | 7.45                 | 439               | Celosía  |               |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | I 2½ 85x29 I 3 75x26 I 3 | E-40                    | 78.432                 | "                       |                   |
| 25                                                           | " " Río Tapiá (1er Tramo)         | 442.411 | 40.10     | "        | "                         | 2                 | 40.75 | 7.65                 | 458               | "        | 18 x 10       |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            | I 2½ 91x30 I 3 77x27 I 3 | E-40                    | 78.240                 | "                       |                   |
| 26                                                           | " " " (2º " )                     | 442.452 | 40.10     | "        | "                         | 2                 | 40.75 | 7.65                 | 458               | "        | 18 x 10       |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | I 2½ 91x30 I 3 77x27    | E-40                   | 78.240                  | "                 |
| 27                                                           | Pontón Quebrada El Jardín         | 450.280 | 5.00      | Superior | VIGAS Y PLACA EN CONCRETO |                   | 6.00  | 0.61                 |                   |          |               |                | Losa                    | 6.00x3.00x0.61        |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | En regular Estado      |                         |                   |
| 28                                                           | " " (2º Tramo)                    | 450.285 | 5.25      | "        | "                         |                   | 6.00  | 0.61                 |                   |          |               |                | "                       |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | "                       |                        |                         |                   |
| 29                                                           | " " "                             | 556.185 | 5.00      | "        | "                         |                   | 6.00  | 0.61                 |                   |          |               |                | "                       |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | "                       |                        |                         |                   |
| 30                                                           | Pontón Quebrada Maivá             | 457.583 | 12.00     | "        | "                         | 1                 | 13.35 | 1.15                 |                   |          |               |                | Losa                    | 13.35x2.80x1.15       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | En mal Estado R. de E.  |                        |                         |                   |
| 31                                                           | " " "                             | 457.611 | 9.00      | "        | DECK                      | 2                 | 10.25 | 1.09                 | 152               |          | R.V. 11 15x10 | 0.01           |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | E-40                   | 6.625                   | En buen Estado    |
| 32                                                           | " " "                             | 457.620 | 9.23      | "        | "                         | 2                 | 10.27 | 1.09                 | 152               |          | R.V. 11 15x10 | 0.01           |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | E-40                   | 6.753                   | "                 |
| 33                                                           | Puente Quebrada de Barrancas      | 458.364 | 10.10     | "        | VIGAS Y PLACA EN CONCRETO | 2                 | 11.50 | 1.05                 | 280               |          |               |                | Losa                    | 11.50x1.05x1.10       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | En regular Estado      |                         |                   |
| 34                                                           | Pontón " Remolino (1er Tr)        | 462.935 | 5.00      | "        | "                         | 2                 | 5.90  | 0.60                 | 150               |          |               |                | Losa                    | 5.90x3.00x0.60        |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | "                       |                        |                         |                   |
| 35                                                           | " " " (2º Tr)                     | 462.940 | 5.00      | "        | "                         | 2                 | 5.90  | 0.60 Ancho 0.50 0.50 | 150               |          |               |                | Losa                    | "                     |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | "                       |                        |                         |                   |
| 36                                                           | " " La Zarzala                    | 465.335 | 6.00      | "        | "                         | 2                 | 6.95  | Ancho 0.50 0.50      | 294               |          |               |                | Losa                    | 6.95x4.00x0.50        |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | "                       |                        |                         |                   |
| 37                                                           | " " " "                           | 465.375 | 9.60      | "        | "                         | 1                 | 10.50 | 1.05                 |                   |          |               |                | Losa                    | 10.50x3.10x1.05       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | "                       |                        |                         |                   |
| 38                                                           | Viaducto Río Posso (1er Tramo)    | 467.430 | 19.65     | Inferior | PONNY                     | 2                 | 20.85 | 3.65                 | 483               |          |               |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | I 2½ 84 x 29 I 2½ 75x30 | E-40                   | 26.375                  | En buen Estado    |
| 39                                                           | " " " (2º " )                     | 467.471 | 39.50     | "        | THROUGH                   | 2                 | 40.80 | 6.96                 | 463               |          |               |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | "                      |                         |                   |
| 40                                                           | " " " (3er " )                    | 467.486 | 13.70     | Superior | DECK                      | 2                 | 15.13 | 1.02                 | 152               |          |               |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | E-40                   | 13.741                  | "                 |
| 41                                                           | Pontón Quebrada Desague           | 469.740 | 5.00      | "        | VIGAS Y PLACA EN CONCRETO |                   | 5.80  | 3.00 0.52            |                   |          |               |                | Losa                    | 5.80x3.00x0.52        |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | En mal Estado R. de E. |                         |                   |
| 42                                                           | Pontón Quebrada Rayo (1er Tramo)  | 471.700 | 4.90      | "        | VIGAS Y PLACA EN CONCRETO |                   | 6.00  | 0.70                 |                   |          |               |                | Losa                    | 6.00x2.70x0.70        |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | "                      |                         |                   |
| 43                                                           | " " " (2º " )                     | 471.705 | 4.90      | "        | "                         |                   | 5.60  | 0.70                 |                   |          |               |                | Losa                    | 5.60x2.70x0.70        |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | "                       |                        |                         |                   |
| 44                                                           | " " " (3er " )                    | 471.710 | 4.90      | "        | "                         |                   | 5.80  | 0.70                 |                   |          |               |                | Losa                    | 5.80x2.70x0.70        |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          | "                       |                        |                         |                   |
| 45                                                           | " " Papaya                        | 475.449 | 8.60      | "        | DECK                      | 2                 | 10.25 | 0.92                 | 146               |          |               |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | E-30                   | 6.625                   | En regular Estado |
| 46                                                           | " " La Compañía                   | 477.090 | 9.35      | "        | VIGAS Y PLACA EN CONCRETO | 2                 | 11.75 | 1.05                 | 280               |          |               |                | Losa                    | 11.75x2.75x0.30       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | En buen Estado         |                         |                   |
| 47                                                           | Puente Quebrada Pácora            | 478.284 | 16.30     | "        | ARCO EN CONCRETO          |                   | 23.00 |                      |                   |          |               |                | Losa                    | Clave 0.70 Ancho 3.05 |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | "                      |                         |                   |
| 48                                                           | Pontón " Seco                     | 481.740 | 5.90      | "        | VIGAS Y PLACA EN CONCRETO | 2                 | 7.70  | Ancho 0.85 0.75      | 137               |          |               |                | Losa                    | 7.70x2.70x0.30        |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         | En regular Estado      |                         |                   |
| PASAN                                                        |                                   |         |           |          |                           |                   |       |                      |                   |          |               |                |                         |                       |       |      |                   |          |            |           |                |                      |       |      |                   |          |            |            |                          |                         |                        |                         |                   |