



## REFERENTIAL INFORMATION OF THE SOUTH GUAYAQUIL VIADUCT PROJECT

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NAME OF THE DRAFT	"DESIGN, FINANCING, CONSTRUCTION, OPERATION AND MAINTENANCE OF THE SOUTH GUAYAQUIL VIADUCT PROJECT, LOCATED IN THE PROVINCE OF GUAYAS.
LOCATION	The project is located in the Province of Guayas and its proposed route crosses part of the cantons: Guayaquil, Durán, Naranjal and Yaguachi, according to the following detail:     ABCISAS   TRAZOD DEL PROYECTO   TRAMO   T
LENGTH REFERENTIAL OF DRAFT	44 kilometers
CONCEPT OF THE DRAFT	<ul> <li>4 and 2 lane highways divided into 4 sections;</li> <li>Bridge over the Guayas River (4 lanes, L = 3.44 km.);</li> </ul>
SECTIONS COMPONENTS	Section I (7.60 Km): Av. Cacique Tomalá to the start of the Viaduct over the Guayas River







REFERENTIAL	Section II (3.44 Km): Viaduct over the Guayas River (includes accesses) Section III (9.22 Km): End of the Viaduct over the Guayas River to the intersection bifurcation towards Via Durán - Boliche Section IV (12.10 Km): Link to the Naranjal road (E-25) Section V (11.70 Km): Link to the Duran - Boliche road
OF SECTION III and V	It corresponds to the construction of a new 4-lane road under the following typical section:
	Within this section there is the construction of a bridge over the Estero Cobina with a total referential length of 885 m.
FEATURES REFERENTIAL OF SECTION II	It corresponds to the construction of the Bridge over the Guayas River of a length of 3.44 km, with two carriageways, each with 2 traffic lanes.  The proponent will determine the type of bridge, complying with the following minimum gauges:  • Bridge 200 meters, and between lateral supports 100 meters  • Horizontal gauge (minimum distance): between supports central of FEATURES REFERENTIAL OF SECTION II Vertical gauge (measured from the highest tide): 55 meters *
FEATURES REFERENTIAL OF SECTION III and V	*Consider the passage of ships (Buque Escuela Guayas)  Corresponds to the construction of a new 4-lane highway circulation under the following typical referential section:





	20,40  8,9  15  8,9  15  8,9  16  5  16  3,65  3,65  3,65  4,65  CORTE  EVE
FEATURES REFERENTIAL OF THE SECTION IV	It corresponds to the construction of a new 2-lane road under the following typical referential section:  11.50 10.5 5 1.6 3.65 1.6 CORTE
SEASONS OF TOLLS	The proponent will determine the implementation of the toll stations that make it possible to guarantee the recovery of investments.
TOLL RATE	The proponent must present its rate scheme according to the current vehicle categorization.
CATEGORIZATION VEHICULAR FOR THE APPLICATION RATE PER TOLL	According to the Regulation of the Road Infrastructure System of Land Transport - in its Art. 32, "() The toll rates will be determined by the governing ministry, based on the following vehicle categorization:  - Lightweight vehicles Heavy vehicles with 2 axles - Heavy vehicles with 3 axles - Heavy vehicles with 4 axles - Heavy vehicles with 5 axles - Heavy vehicles with 6 axles or more - Motorcycles - Others, established in technical regulations issued by the competent authority Medical assistance - Roadside assistance - Optional services





## Ministerio de Transporte y Obras Públicas

EXPROPRIATIONS	The proponent must present a referential assessment of the expropriation budget.
STATE CONTRIBUTION	The proponent, according to its technical and financial economic analysis, will determine whether or not it is necessary to have a state contribution.
Contact:	viaductosurgye@mtop.gob.ec

