



RESOLUCIÓN DIRECTORAL N° 195-2021-ANA-AAA.H.H

Nuevo Chimbote, 31 de marzo de 2021

VISTO:

El expediente administrativo con CUT N° 20660-2021, sobre aprobación del estudio de delimitación de la faja marginal del río Chicama, tramo comprendido entre las progresivas 8+000 a 79+000; y,

CONSIDERANDO:

Que, el artículo 74° de la Ley 29338 Ley de Recursos Hídricos, concordante con el artículo 113° de su reglamento aprobado por el Decreto Supremo N° 001-2010-AG señala que las fajas marginales son bienes de dominio público hidráulico. Están conformadas por las áreas inmediatas superiores a las riberas de las fuentes de agua, naturales o artificiales, así mismo que, las dimensiones en una o ambas márgenes de un cuerpo de agua son fijadas por la Autoridad Administrativa del Agua, de acuerdo con los criterios establecidos en el reglamento, respetando los usos y costumbres establecidos;

Que, de otro lado, el artículo 114° del precitado reglamento dispone que la delimitación de faja marginal se realiza de acuerdo con los siguientes criterios: a. La magnitud e importancia de las estructuras hidráulicas de las presas, reservorios, canales de derivación, entre otros, b. El espacio necesario para la construcción, conservación y protección de las defensas ribereñas y de los cauces, c. El espacio necesario para los usos públicos que se requieran, d. La máxima crecida o avenida de los ríos, lagos, lagunas y otras fuentes naturales de agua y el artículo 115° precisa que, está prohibido el uso de las fajas marginales para fines de asentamiento humano, agrícola u otra actividad que las afecte;

Que, la Resolución Jefatural N° 332-2016-ANA, aprueba el "Reglamento para la Delimitación y Mantenimiento de Fajas Marginales", la misma que establece y regula los criterios, términos y métodos para efectuar la delimitación, aprobación, señalización y mantenimiento de las Fajas Marginales en cauces naturales o artificiales;

Que, la cuarta disposición complementaria final del Decreto Legislativo 1354 (que modifica la Ley N° 30556, la cual aprueba disposiciones de carácter extraordinario para las intervenciones del Gobierno Nacional frente a desastres y que dispone la creación de la Autoridad para la Reconstrucción con Cambios) establece que; la Autoridad Nacional del Agua delimitara la faja marginal de los ríos y quebradas, así como su monumentación mediante la colocación de hitos, cuya solución integral está incluida en El Plan de la Reconstrucción.

Que, mediante Memorando (M) N° 08-2021-ANA-DPDRH, la Dirección de Planeamiento y Desarrollo de los Recursos Hídricos de la Autoridad Nacional del Agua requiere con carácter de muy urgente la remisión de la resolución directoral de aprobación del estudio de delimitación de la faja marginal del río Chicama (71 km), a fin de que la DPDRH elabore los expedientes para la monumentación de hitos, y solicitar a la Autoridad de Reconstrucción con Cambios el presupuesto para el financiamiento de su ejecución, dando cumplimiento con lo establecido en la cuarta disposición complementaria del Decreto Legislativo N°1354;

Que, con Informe Técnico N° 003-2021-ANA-AAA.HCH-AT/YLCV el área técnica de esta Autoridad señala que:

- Como meta planteada por la Dirección de Planificación y Desarrollo de los Recursos Hídricos de la Autoridad Nacional del Agua para el año 2018, se elaboraron los estudios de delimitación



de las fajas marginales de 19 ríos y/o quebradas a nivel nacional. En el caso del ámbito de esta Autoridad, uno de los estudios fue el proyecto "Estudios Básicos para la actualización de la delimitación de la faja marginal del río Chicama (71 km) sector Saloque – Pampas de Bao". Para lo cual tomaron los servicios de una empresa consultora con profesionales concedores de la metodología de determinación de la faja marginal mediante el modelamiento hidráulico, en ambos márgenes del río Chicama, en el tramo comprendido entre la progresiva 8+000 al 79+000 medidos a partir del punto de entrega del río hacia la fuente receptora, que para el presente caso es el Océano Pacífico (km 0+000).

- Luego del desarrollo de los estudios, la empresa responsable, presenta el expediente que corresponde a los Estudios Básicos para la actualización de la delimitación de la faja marginal del río Chicama (71 km) sector Saloque – Pampas de Bao, el cual contiene lo establecido en el Anexo I del Reglamento de Delimitación y Mantenimiento de Fajas Marginales, aprobado con la Resolución Jefatural N° 332- 2016-ANA.
- Mediante la Resolución Directoral N° 361-2019-ANA-AAA.H.CH, se estableció la delimitación de la faja marginal del río Chicama, en sus dos márgenes, mediante la metodología de la determinación de la huella máxima del río, en tres tramos del curso del río: Tramo 1: 0+000 – 19+800, Tramo 2: 39+990 – 46+273 y Tramo 3: 50+671 -54+498, que totalizan 30,09 km delimitados.
- Realizada la revisión del expediente Estudios Básicos para la actualización de la delimitación de la faja marginal del río Chicama (71 km) sector Saloque – Pampas de Bao, mediante la metodología de Modelamiento Hidráulico, en el tramo comprendido entre las progresivas 8+000 al 79+000, con una longitud total de 71,00 kilómetros, medidos a partir del punto de confluencia del río con el Océano Pacífico, el cual se ubica políticamente en el ámbito de las provincias de Ascope y Gran Chimú del departamento de La Libertad y administrativamente en la jurisdicción de la Administración Local de Agua Chicama, Autoridad Administrativa del Agua Huarmey Chicama; luego de contrastar la información contenida en el expediente administrativo presentado por el responsable del desarrollo del estudio y los puntos definidos en las márgenes del río así como la verificación de los puntos que definen el paso de la línea que demarca la faja marginal en ambas márgenes del río, se establece que el contenido del referido estudio contiene la información suficiente y necesaria para el establecimiento y definición de la Faja Marginal del Río Chicama, mediante la metodología de Modelamiento Hidráulico en el tramo comprendido entre el km 8+000 hasta el km 79+000 del río Chicama, en un total de 71,00 kilómetros, los cuales son medidos a partir del punto de entrega de las aguas del río Chicama al Mar, el cual es el km 0+000. En virtud a lo expuesto, utilizando el sistema de coordenadas UTM WGS 84, quedan definidos los puntos de paso de la faja marginal del río Chicama, en sus dos márgenes.
- Los Estudios Básicos para la actualización de la delimitación de la faja marginal del río Chicama (71 km) sector Saloque – Pampas de Bao, intersectan el alcance de la Resolución Directoral N° 361-2019-ANA-AAA.H.CH, desde la progresiva 8+000 hasta la progresiva 54+498, quedando fuera de alcance el tramo: de 0+000 a 8+000

Recomendando elaborar la Resolución Directoral de aprobación de los Estudios Básicos para la actualización de la delimitación de la faja marginal del río Chicama (71 km) sector Saloque – Pampas de Bao, tramo comprendido entre el km 8+000 hasta el km. 79+000. En el tramo comprendido entre el km 8+000 hasta el punto de origen del río Chicama, debe quedar vigente el alcance de la Resolución Directoral N° 361-2019-ANA-AAA.H.CH;

Que, a través del Informe Legal N° 058-2021-ANA-AAA.HCH/ZAPA, el área legal de esta Autoridad, luego de la revisión de los actuados y teniendo en cuenta el precitado informe, señala que; el presente expediente ha sido tramitado de acuerdo a los lineamientos e instructivos técnicos para delimitar la faja marginal; por lo que, corresponde aprobar el estudio de delimitación de Faja marginal del río Chicama (71 km) sector Saloque – Pampas de Bao, tramo comprendido entre el km 8+000 hasta el km. 79+000;

Estando a lo opinado por el Área Técnica, Área Legal y en uso de las facultades conferidas por la Ley de Recursos Hídricos - Ley N° 29338, su Reglamento de Organización y Funciones de la Autoridad Nacional del Agua, aprobado mediante Decreto Supremo N° 018-2017-MINAGRI;



SE RESUELVE:

Artículo Primero: APROBAR los Estudios Básicos para la actualización de la delimitación de la faja marginal del río Chicama (71 km) sector Saloque – Pampas de Bao, tramo comprendido entre el km 8+000 hasta el km. 79+000, en atención al Memorando (M) N° 08-2021-ANA-DPDRH; según el siguiente detalle:

Hitos de la faja Marginal del Río Chicama

| LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84 | | | | | | | | | |
|---|------|----------|-----------|------------|------------------|------|----------|-----------|------------|
| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
| PROGRESIVA | HITO | CODIGO | ESTE(X) | NORTE(Y) | PROGRESIVA | HITO | CODIGO | ESTE(X) | NORTE(Y) |
| 8+000 | H-1 | HI-1-MD | 690992.85 | 9127147.77 | 8+000 | H-1 | HI-1-MI | 691545.32 | 9127043.61 |
| 8+050 | H-2 | HI-2-MD | 690995.07 | 9127197.32 | 8+050 | H-2 | HI-2-MI | 691584.97 | 9127074.04 |
| 8+100 | H-3 | HI-3-MD | 691025.40 | 9127236.20 | 8+100 | H-3 | HI-3-MI | 691622.71 | 9127106.64 |
| 8+150 | H-4 | HI-4-MD | 691053.21 | 9127277.69 | 8+150 | H-4 | HI-4-MI | 691649.17 | 9127148.41 |
| 8+200 | H-5 | HI-5-MD | 691084.80 | 9127315.60 | 8+200 | H-5 | HI-5-MI | 691649.17 | 9127198.41 |
| 8+250 | H-6 | HI-6-MD | 691117.28 | 9127352.95 | 8+250 | H-6 | HI-6-MI | 691653.36 | 9127248.13 |
| 8+300 | H-7 | HI-7-MD | 691144.65 | 9127394.70 | 8+300 | H-7 | HI-7-MI | 691686.79 | 9127280.68 |
| 8+350 | H-8 | HI-8-MD | 691177.76 | 9127432.03 | 8+350 | H-8 | HI-8-MI | 691736.24 | 9127287.45 |
| 8+400 | H-9 | HI-9-MD | 691208.96 | 9127470.63 | 8+400 | H-9 | HI-9-MI | 691782.05 | 9127305.67 |
| 8+450 | H-10 | HI-10-MD | 691219.58 | 9127519.36 | 8+450 | H-10 | HI-10-MI | 691799.62 | 9127352.47 |
| 8+500 | H-11 | HI-11-MD | 691228.22 | 9127567.23 | 8+500 | H-11 | HI-11-MI | 691817.20 | 9127399.28 |
| 8+550 | H-12 | HI-12-MD | 691237.19 | 9127616.13 | 8+550 | H-12 | HI-12-MI | 691837.93 | 9127444.24 |
| 8+600 | H-13 | HI-13-MD | 691214.05 | 9127657.68 | 8+600 | H-13 | HI-13-MI | 691859.52 | 9127488.51 |
| 8+650 | H-14 | HI-14-MD | 691211.53 | 9127705.42 | 8+650 | H-14 | HI-14-MI | 691876.67 | 9127535.47 |
| 8+700 | H-15 | HI-15-MD | 691232.06 | 9127750.96 | 8+700 | H-15 | HI-15-MI | 691888.32 | 9127582.28 |
| 8+750 | H-16 | HI-16-MD | 691256.99 | 9127794.27 | 8+750 | H-16 | HI-16-MI | 691883.53 | 9127632.04 |
| 8+800 | H-17 | HI-17-MD | 691285.84 | 9127835.08 | 8+800 | H-17 | HI-17-MI | 691904.39 | 9127673.28 |
| 8+850 | H-18 | HI-18-MD | 691314.58 | 9127875.73 | 8+850 | H-18 | HI-18-MI | 691943.77 | 9127701.94 |
| 8+900 | H-19 | HI-19-MD | 691336.46 | 9127920.57 | 8+900 | H-19 | HI-19-MI | 691989.99 | 9127720.82 |
| 8+950 | H-20 | HI-20-MD | 691366.41 | 9127958.93 | 8+950 | H-20 | HI-20-MI | 692028.94 | 9127752.17 |
| 9+000 | H-21 | HI-21-MD | 691395.18 | 9127999.03 | 9+000 | H-21 | HI-21-MI | 692058.03 | 9127792.66 |
| 9+050 | H-22 | HI-22-MD | 691428.60 | 9128036.13 | 9+050 | H-22 | HI-22-MI | 692092.51 | 9127827.67 |
| 9+100 | H-23 | HI-23-MD | 691461.28 | 9128073.95 | 9+100 | H-23 | HI-23-MI | 692138.88 | 9127825.63 |
| 9+150 | H-24 | HI-24-MD | 691499.19 | 9128104.66 | 9+150 | H-24 | HI-24-MI | 692178.67 | 9127836.43 |
| 9+200 | H-25 | HI-25-MD | 691531.96 | 9128138.68 | 9+200 | H-25 | HI-25-MI | 692209.03 | 9127875.54 |
| 9+250 | H-26 | HI-26-MD | 691558.88 | 9128174.34 | 9+250 | H-26 | HI-26-MI | 692251.34 | 9127888.21 |
| 9+300 | H-27 | HI-27-MD | 691570.08 | 9128222.69 | 9+300 | H-27 | HI-27-MI | 692293.78 | 9127888.42 |
| 9+350 | H-28 | HI-28-MD | 691586.48 | 9128268.68 | 9+350 | H-28 | HI-28-MI | 692327.70 | 9127924.77 |
| 9+400 | H-29 | HI-29-MD | 691591.12 | 9128317.51 | 9+400 | H-29 | HI-29-MI | 692356.71 | 9127965.42 |
| 9+450 | H-30 | HI-30-MD | 691617.77 | 9128359.61 | 9+450 | H-30 | HI-30-MI | 692382.22 | 9128008.41 |
| 9+500 | H-31 | HI-31-MD | 691664.15 | 9128376.87 | 9+500 | H-31 | HI-31-MI | 692418.56 | 9128038.16 |
| 9+550 | H-32 | HI-32-MD | 691698.14 | 9128410.90 | 9+550 | H-32 | HI-32-MI | 692461.87 | 9128063.11 |
| 9+600 | H-33 | HI-33-MD | 691725.27 | 9128451.88 | 9+600 | H-33 | HI-33-MI | 692509.99 | 9128071.83 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|------|----------|-----------|------------|------------------|------|----------|-----------|------------|
| 9+650 | H-34 | HI-34-MD | 691762.50 | 9128483.63 | 9+650 | H-34 | HI-34-MI | 692550.60 | 9128093.70 |
| 9+700 | H-35 | HI-35-MD | 691783.76 | 9128528.70 | 9+700 | H-35 | HI-35-MI | 692582.92 | 9128131.52 |
| 9+750 | H-36 | HI-36-MD | 691820.88 | 9128559.90 | 9+750 | H-36 | HI-36-MI | 692598.01 | 9128179.19 |
| 9+800 | H-37 | HI-37-MD | 691865.82 | 9128581.80 | 9+800 | H-37 | HI-37-MI | 692636.93 | 9128198.72 |
| 9+850 | H-38 | HI-38-MD | 691906.45 | 9128609.83 | 9+850 | H-38 | HI-38-MI | 692686.05 | 9128208.01 |
| 9+900 | H-39 | HI-39-MD | 691943.17 | 9128639.90 | 9+900 | H-39 | HI-39-MI | 692732.07 | 9128226.47 |
| 9+950 | H-40 | HI-40-MD | 691968.59 | 9128682.24 | 9+950 | H-40 | HI-40-MI | 692781.33 | 9128232.03 |
| 10+000 | H-41 | HI-41-MD | 691993.70 | 9128723.84 | 10+000 | H-41 | HI-41-MI | 692830.08 | 9128229.25 |
| 10+050 | H-42 | HI-42-MD | 692016.71 | 9128767.64 | 10+050 | H-42 | HI-42-MI | 692875.45 | 9128248.78 |
| 10+100 | H-43 | HI-43-MD | 692049.55 | 9128804.65 | 10+100 | H-43 | HI-43-MI | 692908.10 | 9128285.97 |
| 10+150 | H-44 | HI-44-MD | 692086.31 | 9128838.51 | 10+150 | H-44 | HI-44-MI | 692940.86 | 9128322.18 |
| 10+200 | H-45 | HI-45-MD | 692125.30 | 9128869.78 | 10+200 | H-45 | HI-45-MI | 692979.34 | 9128351.98 |
| 10+250 | H-46 | HI-46-MD | 692161.77 | 9128903.36 | 10+250 | H-46 | HI-46-MI | 693012.56 | 9128389.35 |
| 10+300 | H-47 | HI-47-MD | 692189.26 | 9128945.12 | 10+300 | H-47 | HI-47-MI | 693039.37 | 9128430.65 |
| 10+350 | H-48 | HI-48-MD | 692224.06 | 9128980.63 | 10+350 | H-48 | HI-48-MI | 693069.99 | 9128470.18 |
| 10+400 | H-49 | HI-49-MD | 692260.44 | 9129014.92 | 10+400 | H-49 | HI-49-MI | 693090.49 | 9128515.33 |
| 10+450 | H-50 | HI-50-MD | 692306.32 | 9129032.57 | 10+450 | H-50 | HI-50-MI | 693116.56 | 9128557.44 |
| 10+500 | H-51 | HI-51-MD | 692356.08 | 9129037.36 | 10+500 | H-51 | HI-51-MI | 693153.34 | 9128590.34 |
| 10+550 | H-52 | HI-52-MD | 692405.45 | 9129030.06 | 10+550 | H-52 | HI-52-MI | 693199.97 | 9128576.90 |
| 10+600 | H-53 | HI-53-MD | 692446.01 | 9129056.13 | 10+600 | H-53 | HI-53-MI | 693246.86 | 9128593.44 |
| 10+650 | H-54 | HI-54-MD | 692476.33 | 9129095.89 | 10+650 | H-54 | HI-54-MI | 693274.84 | 9128632.60 |
| 10+700 | H-55 | HI-55-MD | 692514.57 | 9129123.67 | 10+700 | H-55 | HI-55-MI | 693293.74 | 9128675.05 |
| 10+750 | H-56 | HI-56-MD | 692562.81 | 9129136.78 | 10+750 | H-56 | HI-56-MI | 693337.84 | 9128696.63 |
| 10+800 | H-57 | HI-57-MD | 692606.14 | 9129160.05 | 10+800 | H-57 | HI-57-MI | 693383.02 | 9128686.81 |
| 10+850 | H-58 | HI-58-MD | 692645.20 | 9129190.99 | 10+850 | H-58 | HI-58-MI | 693428.76 | 9128701.42 |
| 10+900 | H-59 | HI-59-MD | 692690.61 | 9129211.92 | 10+900 | H-59 | HI-59-MI | 693460.47 | 9128734.19 |
| 10+950 | H-60 | HI-60-MD | 692728.91 | 9129242.09 | 10+950 | H-60 | HI-60-MI | 693478.22 | 9128780.20 |
| 11+000 | H-61 | HI-61-MD | 692752.29 | 9129286.07 | 11+000 | H-61 | HI-61-MI | 693524.10 | 9128793.28 |
| 11+050 | H-62 | HI-62-MD | 692781.55 | 9129326.15 | 11+050 | H-62 | HI-62-MI | 693567.74 | 9128813.94 |
| 11+100 | H-63 | HI-63-MD | 692794.89 | 9129371.96 | 11+100 | H-63 | HI-63-MI | 693589.60 | 9128858.63 |
| 11+150 | H-64 | HI-64-MD | 692815.47 | 9129416.26 | 11+150 | H-64 | HI-64-MI | 693599.15 | 9128907.41 |
| 11+200 | H-65 | HI-65-MD | 692835.40 | 9129461.13 | 11+200 | H-65 | HI-65-MI | 693631.37 | 9128940.69 |
| 11+250 | H-66 | HI-66-MD | 692848.57 | 9129509.26 | 11+250 | H-66 | HI-66-MI | 693679.52 | 9128954.02 |
| 11+300 | H-67 | HI-67-MD | 692875.28 | 9129544.69 | 11+300 | H-67 | HI-67-MI | 693727.22 | 9128968.95 |
| 11+350 | H-68 | HI-68-MD | 692905.93 | 9129575.11 | 11+350 | H-68 | HI-68-MI | 693769.10 | 9128994.75 |
| 11+400 | H-69 | HI-69-MD | 692913.84 | 9129624.46 | 11+400 | H-69 | HI-69-MI | 693807.96 | 9129026.12 |
| 11+450 | H-70 | HI-70-MD | 692935.24 | 9129668.80 | 11+450 | H-70 | HI-70-MI | 693848.05 | 9129055.11 |
| 11+500 | H-71 | HI-71-MD | 692974.50 | 9129699.60 | 11+500 | H-71 | HI-71-MI | 693887.62 | 9129082.53 |
| 11+550 | H-72 | HI-72-MD | 693007.91 | 9129736.78 | 11+550 | H-72 | HI-72-MI | 693935.19 | 9129097.90 |
| 11+600 | H-73 | HI-73-MD | 693047.92 | 9129766.33 | 11+600 | H-73 | HI-73-MI | 693980.71 | 9129118.58 |
| 11+650 | H-74 | HI-74-MD | 693044.78 | 9129803.53 | 11+650 | H-74 | HI-74-MI | 694015.94 | 9129151.79 |
| 11+700 | H-75 | HI-75-MD | 693041.48 | 9129848.96 | 11+700 | H-75 | HI-75-MI | 694029.77 | 9129199.51 |
| 11+750 | H-76 | HI-76-MD | 693073.37 | 9129887.06 | 11+750 | H-76 | HI-76-MI | 694074.34 | 9129222.17 |
| 11+800 | H-77 | HI-77-MD | 693114.38 | 9129914.76 | 11+800 | H-77 | HI-77-MI | 694106.74 | 9129257.68 |
| 11+850 | H-78 | HI-78-MD | 693139.60 | 9129955.34 | 11+850 | H-78 | HI-78-MI | 694127.85 | 9129302.97 |
| 11+900 | H-79 | HI-79-MD | 693168.81 | 9129995.49 | 11+900 | H-79 | HI-79-MI | 694148.35 | 9129348.05 |
| 11+950 | H-80 | HI-80-MD | 693207.41 | 9130027.19 | 11+950 | H-80 | HI-80-MI | 694160.51 | 9129394.95 |
| 12+000 | H-81 | HI-81-MD | 693236.79 | 9130067.47 | 12+000 | H-81 | HI-81-MI | 694200.56 | 9129419.40 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|-----------------------|-------|-----------|-----------|------------|-------------------------|-------|-----------|-----------|------------|
| 12+050 | H-82 | HI-82-MD | 693271.96 | 9130102.73 | 12+050 | H-82 | HI-82-MI | 694240.59 | 9129448.65 |
| 12+100 | H-83 | HI-83-MD | 693297.01 | 9130145.21 | 12+100 | H-83 | HI-83-MI | 694278.09 | 9129481.72 |
| 12+150 | H-84 | HI-84-MD | 693339.42 | 9130163.55 | 12+150 | H-84 | HI-84-MI | 694303.22 | 9129523.73 |
| 12+200 | H-85 | HI-85-MD | 693378.94 | 9130134.02 | 12+200 | H-85 | HI-85-MI | 694331.53 | 9129563.83 |
| 12+250 | H-86 | HI-86-MD | 693419.36 | 9130139.32 | 12+250 | H-86 | HI-86-MI | 694352.74 | 9129608.07 |
| 12+300 | H-87 | HI-87-MD | 693457.24 | 9130171.96 | 12+300 | H-87 | HI-87-MI | 694399.53 | 9129600.56 |
| 12+350 | H-88 | HI-88-MD | 693498.71 | 9130199.18 | 12+350 | H-88 | HI-88-MI | 694445.99 | 9129614.81 |
| 12+400 | H-89 | HI-89-MD | 693543.39 | 9130221.62 | 12+400 | H-89 | HI-89-MI | 694477.79 | 9129653.27 |
| 12+450 | H-90 | HI-90-MD | 693592.45 | 9130231.28 | 12+450 | H-90 | HI-90-MI | 694518.60 | 9129681.19 |
| 12+500 | H-91 | HI-91-MD | 693641.68 | 9130240.01 | 12+500 | H-91 | HI-91-MI | 694562.79 | 9129704.30 |
| 12+550 | H-92 | HI-92-MD | 693690.90 | 9130248.81 | 12+550 | H-92 | HI-92-MI | 694592.08 | 9129744.07 |
| 12+600 | H-93 | HI-93-MD | 693729.21 | 9130277.29 | 12+600 | H-93 | HI-93-MI | 694616.59 | 9129787.65 |
| 12+650 | H-94 | HI-94-MD | 693731.93 | 9130325.11 | 12+650 | H-94 | HI-94-MI | 694660.56 | 9129807.19 |
| 12+700 | H-95 | HI-95-MD | 693755.48 | 9130367.44 | 12+700 | H-95 | HI-95-MI | 694686.21 | 9129849.46 |
| 12+750 | H-96 | HI-96-MD | 693793.69 | 9130399.62 | 12+750 | H-96 | HI-96-MI | 694718.15 | 9129885.39 |
| 12+800 | H-97 | HI-97-MD | 693839.65 | 9130417.95 | 12+800 | H-97 | HI-97-MI | 694757.62 | 9129915.64 |
| 12+850 | H-98 | HI-98-MD | 693886.43 | 9130435.36 | 12+850 | H-98 | HI-98-MI | 694771.19 | 9129963.76 |
| 12+900 | H-99 | HI-99-MD | 693928.90 | 9130460.35 | 12+900 | H-99 | HI-99-MI | 694789.89 | 9130009.81 |
| 12+950 | H-100 | HI-100-MD | 693950.03 | 9130505.23 | 12+950 | H-100 | HI-100-MI | 694828.47 | 9130036.06 |
| 13+000 | H-101 | HI-101-MD | 693977.15 | 9130547.15 | 13+000 | H-101 | HI-101-MI | 694864.62 | 9130066.09 |
| 13+050 | H-102 | HI-102-MD | 694002.21 | 9130589.43 | 13+050 | H-102 | HI-102-MI | 694891.06 | 9130108.53 |
| 13+100 | H-103 | HI-103-MD | 694038.21 | 9130624.11 | 13+100 | H-103 | HI-103-MI | 694932.27 | 9130136.59 |
| 13+150 | H-104 | HI-104-MD | 694076.16 | 9130654.64 | 13+150 | H-104 | HI-104-MI | 694971.83 | 9130166.96 |
| 13+200 | H-105 | HI-105-MD | 694102.25 | 9130690.80 | 13+200 | H-105 | HI-105-MI | 695009.22 | 9130200.16 |
| 13+250 | H-106 | HI-106-MD | 694129.29 | 9130732.84 | 13+250 | H-106 | HI-106-MI | 695044.21 | 9130235.85 |
| 13+300 | H-107 | HI-107-MD | 694165.14 | 9130767.23 | 13+300 | H-107 | HI-107-MI | 695078.82 | 9130271.94 |
| 13+350 | H-108 | HI-108-MD | 694204.86 | 9130797.56 | 13+350 | H-108 | HI-108-MI | 695103.18 | 9130315.29 |
| 13+400 | H-109 | HI-109-MD | 694247.98 | 9130822.71 | 13+400 | H-109 | HI-109-MI | 695132.28 | 9130355.65 |
| 13+450 | H-110 | HI-110-MD | 694290.66 | 9130848.68 | 13+450 | H-110 | HI-110-MI | 695166.92 | 9130391.59 |
| 13+500 | H-111 | HI-111-MD | 694332.30 | 9130876.36 | 13+500 | H-111 | HI-111-MI | 695203.04 | 9130426.16 |
| 13+550 | H-112 | HI-112-MD | 694379.40 | 9130893.03 | 13+550 | H-112 | HI-112-MI | 695231.81 | 9130466.41 |
| 13+600 | H-113 | HI-113-MD | 694427.91 | 9130904.83 | 13+600 | H-113 | HI-113-MI | 695256.14 | 9130510.09 |
| 13+650 | H-114 | HI-114-MD | 694476.58 | 9130914.93 | 13+650 | H-114 | HI-114-MI | 695280.46 | 9130553.78 |
| 13+700 | H-115 | HI-115-MD | 694525.94 | 9130908.52 | 13+700 | H-115 | HI-115-MI | 695307.76 | 9130595.45 |
| 13+750 | H-116 | HI-116-MD | 694575.69 | 9130910.41 | 13+750 | H-116 | HI-116-MI | 695339.29 | 9130634.26 |
| 13+800 | H-117 | HI-117-MD | 694625.37 | 9130912.18 | 13+800 | H-117 | HI-117-MI | 695369.78 | 9130673.74 |
| 13+850 | H-118 | HI-118-MD | 694673.26 | 9130898.06 | 13+850 | H-118 | HI-118-MI | 695392.45 | 9130718.30 |
| 13+900 | H-119 | HI-119-MD | 694717.47 | 9130874.69 | 13+900 | H-119 | HI-119-MI | 695414.62 | 9130763.02 |
| 13+950 | H-120 | HI-120-MD | 694762.09 | 9130852.38 | 13+950 | H-120 | HI-120-MI | 695420.54 | 9130812.67 |
| 14+000 | H-121 | HI-121-MD | 694810.04 | 9130838.62 | 14+000 | H-121 | HI-121-MI | 695439.56 | 9130855.63 |
| 14+050 | H-122 | HI-122-MD | 694856.22 | 9130844.49 | 14+050 | H-122 | HI-122-MI | 695477.28 | 9130888.33 |
| 14+100 | H-123 | HI-123-MD | 694902.39 | 9130862.47 | 14+100 | H-123 | HI-123-MI | 695516.67 | 9130918.76 |
| 14+150 | H-124 | HI-124-MD | 694927.89 | 9130901.56 | 14+150 | H-124 | HI-124-MI | 695555.34 | 9130935.80 |
| 14+200 | H-125 | HI-125-MD | 694950.57 | 9130945.37 | 14+200 | H-125 | HI-125-MI | 695604.33 | 9130926.72 |
| 14+250 | H-126 | HI-126-MD | 694980.78 | 9130985.15 | 14+250 | H-126 | HI-126-MI | 695644.52 | 9130902.49 |
| 14+300 | H-127 | HI-127-MD | 695007.18 | 9131027.04 | 14+300 | H-127 | HI-127-MI | 695683.38 | 9130872.67 |
| 14+350 | H-128 | HI-128-MD | 695028.59 | 9131071.71 | 14+350 | H-128 | HI-128-MI | 695729.00 | 9130867.51 |
| 14+400 | H-129 | HI-129-MD | 695064.71 | 9131105.99 | 14+400 | H-129 | HI-129-MI | 695773.68 | 9130889.85 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|-----------------------|-------|-----------|-----------|------------|-------------------------|-------|-----------|-----------|------------|
| 14+450 | H-130 | HI-130-MD | 695107.88 | 9131130.63 | 14+450 | H-130 | HI-130-MI | 695816.65 | 9130915.42 |
| 14+500 | H-131 | HI-131-MD | 695142.94 | 9131165.26 | 14+500 | H-131 | HI-131-MI | 695864.28 | 9130929.07 |
| 14+550 | H-132 | HI-132-MD | 695177.96 | 9131200.21 | 14+550 | H-132 | HI-132-MI | 695900.17 | 9130959.55 |
| 14+600 | H-133 | HI-133-MD | 695220.93 | 9131225.72 | 14+600 | H-133 | HI-133-MI | 695925.96 | 9131002.26 |
| 14+650 | H-134 | HI-134-MD | 695265.69 | 9131246.69 | 14+650 | H-134 | HI-134-MI | 695949.64 | 9131046.29 |
| 14+700 | H-135 | HI-135-MD | 695313.98 | 9131257.61 | 14+700 | H-135 | HI-135-MI | 695973.39 | 9131090.29 |
| 14+750 | H-136 | HI-136-MD | 695359.86 | 9131266.49 | 14+750 | H-136 | HI-136-MI | 696000.40 | 9131132.37 |
| 14+800 | H-137 | HI-137-MD | 695409.18 | 9131266.26 | 14+800 | H-137 | HI-137-MI | 696027.43 | 9131174.43 |
| 14+850 | H-138 | HI-138-MD | 695442.74 | 9131299.65 | 14+850 | H-138 | HI-138-MI | 696054.51 | 9131216.47 |
| 14+900 | H-139 | HI-139-MD | 695444.05 | 9131348.31 | 14+900 | H-139 | HI-139-MI | 696087.81 | 9131253.51 |
| 14+950 | H-140 | HI-140-MD | 695454.79 | 9131396.20 | 14+950 | H-140 | HI-140-MI | 696129.69 | 9131277.37 |
| 15+000 | H-141 | HI-141-MD | 695487.79 | 9131433.14 | 15+000 | H-141 | HI-141-MI | 696177.31 | 9131292.45 |
| 15+050 | H-142 | HI-142-MD | 695523.49 | 9131468.02 | 15+050 | H-142 | HI-142-MI | 696226.25 | 9131294.59 |
| 15+100 | H-143 | HI-143-MD | 695563.73 | 9131493.82 | 15+100 | H-143 | HI-143-MI | 696275.71 | 9131287.43 |
| 15+150 | H-144 | HI-144-MD | 695600.60 | 9131525.76 | 15+150 | H-144 | HI-144-MI | 696325.58 | 9131286.60 |
| 15+200 | H-145 | HI-145-MD | 695643.29 | 9131551.79 | 15+200 | H-145 | HI-145-MI | 696375.14 | 9131292.34 |
| 15+250 | H-146 | HI-146-MD | 695689.60 | 9131570.03 | 15+250 | H-146 | HI-146-MI | 696418.30 | 9131317.58 |
| 15+300 | H-147 | HI-147-MD | 695721.00 | 9131604.17 | 15+300 | H-147 | HI-147-MI | 696459.84 | 9131345.10 |
| 15+350 | H-148 | HI-148-MD | 695740.69 | 9131650.13 | 15+350 | H-148 | HI-148-MI | 696497.82 | 9131377.62 |
| 15+400 | H-149 | HI-149-MD | 695760.28 | 9131696.13 | 15+400 | H-149 | HI-149-MI | 696527.21 | 9131418.04 |
| 15+450 | H-150 | HI-150-MD | 695779.88 | 9131742.13 | 15+450 | H-150 | HI-150-MI | 696561.52 | 9131454.36 |
| 15+500 | H-151 | HI-151-MD | 695799.42 | 9131788.15 | 15+500 | H-151 | HI-151-MI | 696595.53 | 9131490.94 |
| 15+550 | H-152 | HI-152-MD | 695811.97 | 9131836.54 | 15+550 | H-152 | HI-152-MI | 696624.67 | 9131531.57 |
| 15+600 | H-153 | HI-153-MD | 695824.52 | 9131884.94 | 15+600 | H-153 | HI-153-MI | 696653.65 | 9131572.29 |
| 15+650 | H-154 | HI-154-MD | 695838.73 | 9131932.87 | 15+650 | H-154 | HI-154-MI | 696672.54 | 9131618.59 |
| 15+700 | H-155 | HI-155-MD | 695853.82 | 9131980.54 | 15+700 | H-155 | HI-155-MI | 696691.91 | 9131664.68 |
| 15+750 | H-156 | HI-156-MD | 695868.90 | 9132028.21 | 15+750 | H-156 | HI-156-MI | 696716.63 | 9131706.75 |
| 15+800 | H-157 | HI-157-MD | 695889.98 | 9132073.17 | 15+800 | H-157 | HI-157-MI | 696756.34 | 9131737.11 |
| 15+850 | H-158 | HI-158-MD | 695915.85 | 9132115.95 | 15+850 | H-158 | HI-158-MI | 696793.93 | 9131770.08 |
| 15+900 | H-159 | HI-159-MD | 695941.72 | 9132158.74 | 15+900 | H-159 | HI-159-MI | 696829.37 | 9131805.30 |
| 15+950 | H-160 | HI-160-MD | 695967.59 | 9132201.53 | 15+950 | H-160 | HI-160-MI | 696873.46 | 9131821.56 |
| 16+000 | H-161 | HI-161-MD | 695993.46 | 9132244.31 | 16+000 | H-161 | HI-161-MI | 696923.03 | 9131825.63 |
| 16+050 | H-162 | HI-162-MD | 696021.60 | 9132285.51 | 16+050 | H-162 | HI-162-MI | 696972.40 | 9131833.54 |
| 16+100 | H-163 | HI-163-MD | 696052.98 | 9132324.44 | 16+100 | H-163 | HI-163-MI | 697021.77 | 9131841.45 |
| 16+150 | H-164 | HI-164-MD | 696084.71 | 9132363.08 | 16+150 | H-164 | HI-164-MI | 697071.01 | 9131850.02 |
| 16+200 | H-165 | HI-165-MD | 696117.35 | 9132400.91 | 16+200 | H-165 | HI-165-MI | 697119.79 | 9131861.01 |
| 16+250 | H-166 | HI-166-MD | 696152.09 | 9132436.87 | 16+250 | H-166 | HI-166-MI | 697164.89 | 9131881.83 |
| 16+300 | H-167 | HI-167-MD | 696186.83 | 9132472.83 | 16+300 | H-167 | HI-167-MI | 697208.90 | 9131905.56 |
| 16+350 | H-168 | HI-168-MD | 696222.75 | 9132507.60 | 16+350 | H-168 | HI-168-MI | 697254.44 | 9131925.63 |
| 16+400 | H-169 | HI-169-MD | 696259.21 | 9132541.81 | 16+400 | H-169 | HI-169-MI | 697302.23 | 9131940.35 |
| 16+450 | H-170 | HI-170-MD | 696295.67 | 9132576.03 | 16+450 | H-170 | HI-170-MI | 697350.01 | 9131955.08 |
| 16+500 | H-171 | HI-171-MD | 696335.78 | 9132605.55 | 16+500 | H-171 | HI-171-MI | 697391.70 | 9131980.16 |
| 16+550 | H-172 | HI-172-MD | 696377.92 | 9132632.45 | 16+550 | H-172 | HI-172-MI | 697419.20 | 9132021.25 |
| 16+600 | H-173 | HI-173-MD | 696421.92 | 9132656.10 | 16+600 | H-173 | HI-173-MI | 697456.88 | 9132053.01 |
| 16+650 | H-174 | HI-174-MD | 696466.69 | 9132678.35 | 16+650 | H-174 | HI-174-MI | 697479.78 | 9132095.78 |
| 16+700 | H-175 | HI-175-MD | 696511.19 | 9132700.82 | 16+700 | H-175 | HI-175-MI | 697480.09 | 9132145.40 |
| 16+750 | H-176 | HI-176-MD | 696549.21 | 9132732.80 | 16+750 | H-176 | HI-176-MI | 697477.17 | 9132195.31 |
| 16+800 | H-177 | HI-177-MD | 696581.45 | 9132771.02 | 16+800 | H-177 | HI-177-MI | 697480.58 | 9132244.12 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 16+850 | H-178 | HI-178-MD | 696623.65 | 9132795.72 | 16+850 | H-178 | HI-178-MI | 697519.36 | 9132274.71 |
| 16+900 | H-179 | HI-179-MD | 696664.82 | 9132822.75 | 16+900 | H-179 | HI-179-MI | 697561.26 | 9132302.00 |
| 16+950 | H-180 | HI-180-MD | 696689.35 | 9132865.60 | 16+950 | H-180 | HI-180-MI | 697602.73 | 9132329.91 |
| 17+000 | H-181 | HI-181-MD | 696723.65 | 9132899.98 | 17+000 | H-181 | HI-181-MI | 697642.89 | 9132359.69 |
| 17+050 | H-182 | HI-182-MD | 696767.19 | 9132924.28 | 17+050 | H-182 | HI-182-MI | 697683.05 | 9132389.47 |
| 17+100 | H-183 | HI-183-MD | 696813.29 | 9132941.90 | 17+100 | H-183 | HI-183-MI | 697723.21 | 9132419.26 |
| 17+150 | H-184 | HI-184-MD | 696863.08 | 9132946.50 | 17+150 | H-184 | HI-184-MI | 697763.76 | 9132448.51 |
| 17+200 | H-185 | HI-185-MD | 696912.85 | 9132951.24 | 17+200 | H-185 | HI-185-MI | 697804.40 | 9132477.64 |
| 17+250 | H-186 | HI-186-MD | 696962.61 | 9132956.18 | 17+250 | H-186 | HI-186-MI | 697844.73 | 9132507.16 |
| 17+300 | H-187 | HI-187-MD | 697012.29 | 9132961.84 | 17+300 | H-187 | HI-187-MI | 697882.53 | 9132539.88 |
| 17+350 | H-188 | HI-188-MD | 697061.72 | 9132969.18 | 17+350 | H-188 | HI-188-MI | 697920.81 | 9132572.03 |
| 17+400 | H-189 | HI-189-MD | 697110.80 | 9132978.62 | 17+400 | H-189 | HI-189-MI | 697960.26 | 9132602.75 |
| 17+450 | H-190 | HI-190-MD | 697158.71 | 9132992.93 | 17+450 | H-190 | HI-190-MI | 697999.72 | 9132633.46 |
| 17+500 | H-191 | HI-191-MD | 697205.18 | 9133011.26 | 17+500 | H-191 | HI-191-MI | 698041.44 | 9132660.63 |
| 17+550 | H-192 | HI-192-MD | 697253.04 | 9133021.26 | 17+550 | H-192 | HI-192-MI | 698086.20 | 9132682.87 |
| 17+600 | H-193 | HI-193-MD | 697302.99 | 9133019.70 | 17+600 | H-193 | HI-193-MI | 698132.11 | 9132702.67 |
| 17+650 | H-194 | HI-194-MD | 697352.18 | 9133010.72 | 17+650 | H-194 | HI-194-MI | 698177.75 | 9132723.08 |
| 17+700 | H-195 | HI-195-MD | 697398.69 | 9133025.19 | 17+700 | H-195 | HI-195-MI | 698223.31 | 9132743.67 |
| 17+750 | H-196 | HI-196-MD | 697446.75 | 9133028.26 | 17+750 | H-196 | HI-196-MI | 698268.70 | 9132723.34 |
| 17+800 | H-197 | HI-197-MD | 697495.57 | 9133024.35 | 17+800 | H-197 | HI-197-MI | 698314.08 | 9132702.36 |
| 17+850 | H-198 | HI-198-MD | 697544.14 | 9133036.15 | 17+850 | H-198 | HI-198-MI | 698359.46 | 9132681.37 |
| 17+900 | H-199 | HI-199-MD | 697592.47 | 9133048.98 | 17+900 | H-199 | HI-199-MI | 698404.39 | 9132659.46 |
| 17+950 | H-200 | HI-200-MD | 697636.26 | 9133072.68 | 17+950 | H-200 | HI-200-MI | 698448.66 | 9132636.22 |
| 18+000 | H-201 | HI-201-MD | 697670.92 | 9133107.97 | 18+000 | H-201 | HI-201-MI | 698492.28 | 9132611.82 |
| 18+050 | H-202 | HI-202-MD | 697702.11 | 9133147.03 | 18+050 | H-202 | HI-202-MI | 698536.65 | 9132588.81 |
| 18+100 | H-203 | HI-203-MD | 697739.47 | 9133178.81 | 18+100 | H-203 | HI-203-MI | 698583.95 | 9132588.45 |
| 18+150 | H-204 | HI-204-MD | 697785.37 | 9133198.55 | 18+150 | H-204 | HI-204-MI | 698629.76 | 9132607.55 |
| 18+200 | H-205 | HI-205-MD | 697831.79 | 9133217.13 | 18+200 | H-205 | HI-205-MI | 698672.04 | 9132633.62 |
| 18+250 | H-206 | HI-206-MD | 697878.23 | 9133235.64 | 18+250 | H-206 | HI-206-MI | 698718.29 | 9132648.52 |
| 18+300 | H-207 | HI-207-MD | 697924.63 | 9133254.28 | 18+300 | H-207 | HI-207-MI | 698768.11 | 9132648.63 |
| 18+350 | H-208 | HI-208-MD | 697970.25 | 9133274.67 | 18+350 | H-208 | HI-208-MI | 698813.05 | 9132662.89 |
| 18+400 | H-209 | HI-209-MD | 698016.43 | 9133293.44 | 18+400 | H-209 | HI-209-MI | 698842.73 | 9132702.62 |
| 18+450 | H-210 | HI-210-MD | 698064.32 | 9133307.78 | 18+450 | H-210 | HI-210-MI | 698891.87 | 9132709.10 |
| 18+500 | H-211 | HI-211-MD | 698112.76 | 9133320.20 | 18+500 | H-211 | HI-211-MI | 698938.79 | 9132715.25 |
| 18+550 | H-212 | HI-212-MD | 698161.86 | 9133329.17 | 18+550 | H-212 | HI-212-MI | 698960.17 | 9132758.73 |
| 18+600 | H-213 | HI-213-MD | 698210.93 | 9133324.11 | 18+600 | H-213 | HI-213-MI | 698982.93 | 9132803.02 |
| 18+650 | H-214 | HI-214-MD | 698257.84 | 9133306.83 | 18+650 | H-214 | HI-214-MI | 699017.95 | 9132837.03 |
| 18+700 | H-215 | HI-215-MD | 698307.03 | 9133305.63 | 18+700 | H-215 | HI-215-MI | 699063.19 | 9132858.27 |
| 18+750 | H-216 | HI-216-MD | 698356.81 | 9133301.35 | 18+750 | H-216 | HI-216-MI | 699107.42 | 9132881.50 |
| 18+800 | H-217 | HI-217-MD | 698406.54 | 9133296.25 | 18+800 | H-217 | HI-217-MI | 699151.07 | 9132905.90 |
| 18+850 | H-218 | HI-218-MD | 698454.09 | 9133300.22 | 18+850 | H-218 | HI-218-MI | 699196.26 | 9132927.14 |
| 18+900 | H-219 | HI-219-MD | 698497.09 | 9133325.09 | 18+900 | H-219 | HI-219-MI | 699239.78 | 9132951.60 |
| 18+950 | H-220 | HI-220-MD | 698543.30 | 9133343.03 | 18+950 | H-220 | HI-220-MI | 699288.81 | 9132943.12 |
| 19+000 | H-221 | HI-221-MD | 698589.78 | 9133360.23 | 19+000 | H-221 | HI-221-MI | 699335.39 | 9132924.95 |
| 19+050 | H-222 | HI-222-MD | 698639.38 | 9133366.41 | 19+050 | H-222 | HI-222-MI | 699381.69 | 9132906.08 |
| 19+100 | H-223 | HI-223-MD | 698689.22 | 9133370.46 | 19+100 | H-223 | HI-223-MI | 699429.55 | 9132906.93 |
| 19+150 | H-224 | HI-224-MD | 698739.17 | 9133371.82 | 19+150 | H-224 | HI-224-MI | 699471.70 | 9132933.84 |
| 19+200 | H-225 | HI-225-MD | 698788.69 | 9133366.32 | 19+200 | H-225 | HI-225-MI | 699509.12 | 9132966.99 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 19+250 | H-226 | HI-226-MD | 698826.29 | 9133394.16 | 19+250 | H-226 | HI-226-MI | 699547.25 | 9132999.31 |
| 19+300 | H-227 | HI-227-MD | 698865.88 | 9133418.94 | 19+300 | H-227 | HI-227-MI | 699589.62 | 9133024.88 |
| 19+350 | H-228 | HI-228-MD | 698904.06 | 9133447.43 | 19+350 | H-228 | HI-228-MI | 699633.07 | 9133048.82 |
| 19+400 | H-229 | HI-229-MD | 698938.71 | 9133483.36 | 19+400 | H-229 | HI-229-MI | 699672.65 | 9133079.38 |
| 19+450 | H-230 | HI-230-MD | 698972.09 | 9133519.63 | 19+450 | H-230 | HI-230-MI | 699712.23 | 9133109.94 |
| 19+500 | H-231 | HI-231-MD | 699008.91 | 9133548.77 | 19+500 | H-231 | HI-231-MI | 699751.98 | 9133140.23 |
| 19+550 | H-232 | HI-232-MD | 699058.08 | 9133542.36 | 19+550 | H-232 | HI-232-MI | 699795.98 | 9133142.50 |
| 19+600 | H-233 | HI-233-MD | 699102.96 | 9133524.21 | 19+600 | H-233 | HI-233-MI | 699834.70 | 9133111.31 |
| 19+650 | H-234 | HI-234-MD | 699146.85 | 9133529.58 | 19+650 | H-234 | HI-234-MI | 699882.23 | 9133115.24 |
| 19+700 | H-235 | HI-235-MD | 699183.67 | 9133563.34 | 19+700 | H-235 | HI-235-MI | 699920.49 | 9133146.08 |
| 19+750 | H-236 | HI-236-MD | 699194.43 | 9133611.47 | 19+750 | H-236 | HI-236-MI | 699946.84 | 9133188.57 |
| 19+800 | H-237 | HI-237-MD | 699240.54 | 9133630.49 | 19+800 | H-237 | HI-237-MI | 699967.06 | 9133234.16 |
| 19+850 | H-238 | HI-238-MD | 699278.58 | 9133654.58 | 19+850 | H-238 | HI-238-MI | 699991.04 | 9133277.60 |
| 19+900 | H-239 | HI-239-MD | 699305.30 | 9133695.97 | 19+900 | H-239 | HI-239-MI | 700021.83 | 9133316.58 |
| 19+950 | H-240 | HI-240-MD | 699323.26 | 9133742.51 | 19+950 | H-240 | HI-240-MI | 700066.66 | 9133325.67 |
| 20+000 | H-241 | HI-241-MD | 699349.38 | 9133784.57 | 20+000 | H-241 | HI-241-MI | 700109.48 | 9133349.29 |
| 20+050 | H-242 | HI-242-MD | 699380.92 | 9133822.96 | 20+050 | H-242 | HI-242-MI | 700144.85 | 9133384.57 |
| 20+100 | H-243 | HI-243-MD | 699400.66 | 9133868.90 | 20+100 | H-243 | HI-243-MI | 700173.85 | 9133425.10 |
| 20+150 | H-244 | HI-244-MD | 699417.54 | 9133915.65 | 20+150 | H-244 | HI-244-MI | 700215.17 | 9133452.45 |
| 20+200 | H-245 | HI-245-MD | 699459.12 | 9133943.21 | 20+200 | H-245 | HI-245-MI | 700263.37 | 9133458.05 |
| 20+250 | H-246 | HI-246-MD | 699504.19 | 9133964.73 | 20+250 | H-246 | HI-246-MI | 700313.08 | 9133461.79 |
| 20+300 | H-247 | HI-247-MD | 699545.23 | 9133992.79 | 20+300 | H-247 | HI-247-MI | 700357.48 | 9133482.57 |
| 20+350 | H-248 | HI-248-MD | 699585.27 | 9134022.56 | 20+350 | H-248 | HI-248-MI | 700395.60 | 9133514.92 |
| 20+400 | H-249 | HI-249-MD | 699625.44 | 9134052.02 | 20+400 | H-249 | HI-249-MI | 700444.61 | 9133522.01 |
| 20+450 | H-250 | HI-250-MD | 699664.39 | 9134082.90 | 20+450 | H-250 | HI-250-MI | 700494.27 | 9133524.68 |
| 20+500 | H-251 | HI-251-MD | 699707.79 | 9134107.67 | 20+500 | H-251 | HI-251-MI | 700542.83 | 9133532.00 |
| 20+550 | H-252 | HI-252-MD | 699752.58 | 9134129.90 | 20+550 | H-252 | HI-252-MI | 700585.81 | 9133556.99 |
| 20+600 | H-253 | HI-253-MD | 699793.40 | 9134156.88 | 20+600 | H-253 | HI-253-MI | 700620.88 | 9133592.53 |
| 20+650 | H-254 | HI-254-MD | 699826.65 | 9134193.98 | 20+650 | H-254 | HI-254-MI | 700657.30 | 9133624.96 |
| 20+700 | H-255 | HI-255-MD | 699862.94 | 9134228.38 | 20+700 | H-255 | HI-255-MI | 700690.39 | 9133661.33 |
| 20+750 | H-256 | HI-256-MD | 699901.14 | 9134260.54 | 20+750 | H-256 | HI-256-MI | 700696.80 | 9133710.71 |
| 20+800 | H-257 | HI-257-MD | 699934.73 | 9134297.39 | 20+800 | H-257 | HI-257-MI | 700722.36 | 9133743.25 |
| 20+850 | H-258 | HI-258-MD | 699969.81 | 9134332.73 | 20+850 | H-258 | HI-258-MI | 700768.98 | 9133759.68 |
| 20+900 | H-259 | HI-259-MD | 700008.97 | 9134363.79 | 20+900 | H-259 | HI-259-MI | 700804.33 | 9133794.31 |
| 20+950 | H-260 | HI-260-MD | 700050.84 | 9134391.12 | 20+950 | H-260 | HI-260-MI | 700833.06 | 9133834.89 |
| 21+000 | H-261 | HI-261-MD | 700093.30 | 9134417.51 | 21+000 | H-261 | HI-261-MI | 700873.23 | 9133862.19 |
| 21+050 | H-262 | HI-262-MD | 700136.54 | 9134442.58 | 21+050 | H-262 | HI-262-MI | 700897.99 | 9133905.35 |
| 21+100 | H-263 | HI-263-MD | 700173.31 | 9134474.08 | 21+100 | H-263 | HI-263-MI | 700923.67 | 9133947.92 |
| 21+150 | H-264 | HI-264-MD | 700202.25 | 9134514.78 | 21+150 | H-264 | HI-264-MI | 700948.54 | 9133990.75 |
| 21+200 | H-265 | HI-265-MD | 700221.59 | 9134558.92 | 21+200 | H-265 | HI-265-MI | 700983.01 | 9134026.97 |
| 21+250 | H-266 | HI-266-MD | 700224.59 | 9134608.10 | 21+250 | H-266 | HI-266-MI | 701017.48 | 9134063.19 |
| 21+300 | H-267 | HI-267-MD | 700252.65 | 9134648.94 | 21+300 | H-267 | HI-267-MI | 701051.95 | 9134099.41 |
| 21+350 | H-268 | HI-268-MD | 700289.62 | 9134682.09 | 21+350 | H-268 | HI-268-MI | 701086.42 | 9134135.63 |
| 21+400 | H-269 | HI-269-MD | 700333.67 | 9134705.74 | 21+400 | H-269 | HI-269-MI | 701120.89 | 9134171.84 |
| 21+450 | H-270 | HI-270-MD | 700377.21 | 9134729.41 | 21+450 | H-270 | HI-270-MI | 701155.36 | 9134208.06 |
| 21+500 | H-271 | HI-271-MD | 700408.88 | 9134767.39 | 21+500 | H-271 | HI-271-MI | 701187.27 | 9134246.54 |
| 21+550 | H-272 | HI-272-MD | 700436.09 | 9134809.10 | 21+550 | H-272 | HI-272-MI | 701194.01 | 9134293.57 |
| 21+600 | H-273 | HI-273-MD | 700477.92 | 9134836.43 | 21+600 | H-273 | HI-273-MI | 701191.96 | 9134343.53 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 21+650 | H-274 | HI-274-MD | 700521.78 | 9134860.34 | 21+650 | H-274 | HI-274-MI | 701188.00 | 9134393.37 |
| 21+700 | H-275 | HI-275-MD | 700562.41 | 9134889.06 | 21+700 | H-275 | HI-275-MI | 701180.22 | 9134442.46 |
| 21+750 | H-276 | HI-276-MD | 700601.54 | 9134920.19 | 21+750 | H-276 | HI-276-MI | 701164.54 | 9134489.94 |
| 21+800 | H-277 | HI-277-MD | 700641.29 | 9134949.94 | 21+800 | H-277 | HI-277-MI | 701147.91 | 9134537.07 |
| 21+850 | H-278 | HI-278-MD | 700690.50 | 9134958.79 | 21+850 | H-278 | HI-278-MI | 701129.42 | 9134583.53 |
| 21+900 | H-279 | HI-279-MD | 700722.40 | 9134996.37 | 21+900 | H-279 | HI-279-MI | 701118.47 | 9134631.62 |
| 21+950 | H-280 | HI-280-MD | 700759.62 | 9135028.59 | 21+950 | H-280 | HI-280-MI | 701115.97 | 9134681.56 |
| 22+000 | H-281 | HI-281-MD | 700804.95 | 9135049.69 | 22+000 | H-281 | HI-281-MI | 701122.22 | 9134731.00 |
| 22+050 | H-282 | HI-282-MD | 700849.95 | 9135071.45 | 22+050 | H-282 | HI-282-MI | 701140.10 | 9134776.25 |
| 22+100 | H-283 | HI-283-MD | 700894.26 | 9135094.63 | 22+100 | H-283 | HI-283-MI | 701165.50 | 9134818.76 |
| 22+150 | H-284 | HI-284-MD | 700939.07 | 9135116.67 | 22+150 | H-284 | HI-284-MI | 701185.76 | 9134864.02 |
| 22+200 | H-285 | HI-285-MD | 700985.99 | 9135133.94 | 22+200 | H-285 | HI-285-MI | 701215.66 | 9134904.04 |
| 22+250 | H-286 | HI-286-MD | 701032.92 | 9135151.20 | 22+250 | H-286 | HI-286-MI | 701247.82 | 9134942.32 |
| 22+300 | H-287 | HI-287-MD | 701080.53 | 9135166.27 | 22+300 | H-287 | HI-287-MI | 701279.61 | 9134980.91 |
| 22+350 | H-288 | HI-288-MD | 701128.66 | 9135179.80 | 22+350 | H-288 | HI-288-MI | 701316.44 | 9135014.46 |
| 22+400 | H-289 | HI-289-MD | 701168.09 | 9135208.48 | 22+400 | H-289 | HI-289-MI | 701355.02 | 9135046.25 |
| 22+450 | H-290 | HI-290-MD | 701211.21 | 9135233.39 | 22+450 | H-290 | HI-290-MI | 701391.89 | 9135080.03 |
| 22+500 | H-291 | HI-291-MD | 701245.90 | 9135269.37 | 22+500 | H-291 | HI-291-MI | 701432.72 | 9135108.39 |
| 22+550 | H-292 | HI-292-MD | 701283.67 | 9135301.25 | 22+550 | H-292 | HI-292-MI | 701473.99 | 9135136.22 |
| 22+600 | H-293 | HI-293-MD | 701323.65 | 9135327.30 | 22+600 | H-293 | HI-293-MI | 701506.91 | 9135172.29 |
| 22+650 | H-294 | HI-294-MD | 701340.12 | 9135373.92 | 22+650 | H-294 | HI-294-MI | 701533.22 | 9135207.79 |
| 22+700 | H-295 | HI-295-MD | 701332.61 | 9135422.68 | 22+700 | H-295 | HI-295-MI | 701582.19 | 9135217.45 |
| 22+750 | H-296 | HI-296-MD | 701323.55 | 9135471.78 | 22+750 | H-296 | HI-296-MI | 701629.13 | 9135234.61 |
| 22+800 | H-297 | HI-297-MD | 701318.81 | 9135521.55 | 22+800 | H-297 | HI-297-MI | 701675.69 | 9135252.79 |
| 22+850 | H-298 | HI-298-MD | 701314.06 | 9135571.33 | 22+850 | H-298 | HI-298-MI | 701718.91 | 9135277.92 |
| 22+900 | H-299 | HI-299-MD | 701317.90 | 9135621.09 | 22+900 | H-299 | HI-299-MI | 701756.44 | 9135310.44 |
| 22+950 | H-300 | HI-300-MD | 701322.75 | 9135670.86 | 22+950 | H-300 | HI-300-MI | 701792.23 | 9135345.29 |
| 23+000 | H-301 | HI-301-MD | 701345.64 | 9135715.31 | 23+000 | H-301 | HI-301-MI | 701831.80 | 9135375.86 |
| 23+050 | H-302 | HI-302-MD | 701368.53 | 9135759.77 | 23+050 | H-302 | HI-302-MI | 701870.96 | 9135406.93 |
| 23+100 | H-303 | HI-303-MD | 701398.30 | 9135799.60 | 23+100 | H-303 | HI-303-MI | 701908.98 | 9135439.39 |
| 23+150 | H-304 | HI-304-MD | 701430.57 | 9135837.79 | 23+150 | H-304 | HI-304-MI | 701943.47 | 9135475.55 |
| 23+200 | H-305 | HI-305-MD | 701460.64 | 9135877.73 | 23+200 | H-305 | HI-305-MI | 701977.47 | 9135512.21 |
| 23+250 | H-306 | HI-306-MD | 701490.72 | 9135917.68 | 23+250 | H-306 | HI-306-MI | 702010.53 | 9135549.70 |
| 23+300 | H-307 | HI-307-MD | 701519.79 | 9135958.35 | 23+300 | H-307 | HI-307-MI | 702042.54 | 9135588.11 |
| 23+350 | H-308 | HI-308-MD | 701548.66 | 9135999.18 | 23+350 | H-308 | HI-308-MI | 702061.09 | 9135634.06 |
| 23+400 | H-309 | HI-309-MD | 701573.88 | 9136042.30 | 23+400 | H-309 | HI-309-MI | 702074.17 | 9135682.08 |
| 23+450 | H-310 | HI-310-MD | 701598.34 | 9136085.91 | 23+450 | H-310 | HI-310-MI | 702079.69 | 9135731.77 |
| 23+500 | H-311 | HI-311-MD | 701619.62 | 9136131.14 | 23+500 | H-311 | HI-311-MI | 702089.17 | 9135780.65 |
| 23+550 | H-312 | HI-312-MD | 701640.33 | 9136176.64 | 23+550 | H-312 | HI-312-MI | 702108.87 | 9135826.19 |
| 23+600 | H-313 | HI-313-MD | 701661.05 | 9136222.15 | 23+600 | H-313 | HI-313-MI | 702134.68 | 9135869.01 |
| 23+650 | H-314 | HI-314-MD | 701681.77 | 9136267.65 | 23+650 | H-314 | HI-314-MI | 702160.49 | 9135911.84 |
| 23+700 | H-315 | HI-315-MD | 701702.48 | 9136313.16 | 23+700 | H-315 | HI-315-MI | 702186.30 | 9135954.66 |
| 23+750 | H-316 | HI-316-MD | 701723.29 | 9136358.63 | 23+750 | H-316 | HI-316-MI | 702212.11 | 9135997.49 |
| 23+800 | H-317 | HI-317-MD | 701744.18 | 9136404.05 | 23+800 | H-317 | HI-317-MI | 702237.92 | 9136040.31 |
| 23+850 | H-318 | HI-318-MD | 701765.08 | 9136449.48 | 23+850 | H-318 | HI-318-MI | 702263.73 | 9136083.13 |
| 23+900 | H-319 | HI-319-MD | 701785.97 | 9136494.90 | 23+900 | H-319 | HI-319-MI | 702289.53 | 9136125.96 |
| 23+950 | H-320 | HI-320-MD | 701806.87 | 9136540.32 | 23+950 | H-320 | HI-320-MI | 702315.34 | 9136168.78 |
| 24+000 | H-321 | HI-321-MD | 701827.77 | 9136585.75 | 24+000 | H-321 | HI-321-MI | 702342.77 | 9136210.44 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 24+050 | H-322 | HI-322-MD | 701848.82 | 9136631.10 | 24+050 | H-322 | HI-322-MI | 702375.46 | 9136248.26 |
| 24+100 | H-323 | HI-323-MD | 701869.92 | 9136676.43 | 24+100 | H-323 | HI-323-MI | 702399.74 | 9136291.97 |
| 24+150 | H-324 | HI-324-MD | 701891.02 | 9136721.76 | 24+150 | H-324 | HI-324-MI | 702424.01 | 9136335.69 |
| 24+200 | H-325 | HI-325-MD | 701912.13 | 9136767.09 | 24+200 | H-325 | HI-325-MI | 702448.28 | 9136379.40 |
| 24+250 | H-326 | HI-326-MD | 701933.23 | 9136812.41 | 24+250 | H-326 | HI-326-MI | 702472.55 | 9136423.12 |
| 24+300 | H-327 | HI-327-MD | 701957.95 | 9136855.67 | 24+300 | H-327 | HI-327-MI | 702491.49 | 9136469.34 |
| 24+350 | H-328 | HI-328-MD | 701986.43 | 9136896.76 | 24+350 | H-328 | HI-328-MI | 702511.35 | 9136515.12 |
| 24+400 | H-329 | HI-329-MD | 702014.91 | 9136937.86 | 24+400 | H-329 | HI-329-MI | 702536.14 | 9136558.54 |
| 24+450 | H-330 | HI-330-MD | 702043.40 | 9136978.95 | 24+450 | H-330 | HI-330-MI | 702560.93 | 9136601.96 |
| 24+500 | H-331 | HI-331-MD | 702073.56 | 9137018.80 | 24+500 | H-331 | HI-331-MI | 702585.72 | 9136645.38 |
| 24+550 | H-332 | HI-332-MD | 702104.51 | 9137058.07 | 24+550 | H-332 | HI-332-MI | 702602.48 | 9136692.05 |
| 24+600 | H-333 | HI-333-MD | 702135.47 | 9137097.33 | 24+600 | H-333 | HI-333-MI | 702614.78 | 9136740.51 |
| 24+650 | H-334 | HI-334-MD | 702164.66 | 9137137.90 | 24+650 | H-334 | HI-334-MI | 702627.08 | 9136788.97 |
| 24+700 | H-335 | HI-335-MD | 702192.93 | 9137179.14 | 24+700 | H-335 | HI-335-MI | 702639.80 | 9136837.30 |
| 24+750 | H-336 | HI-336-MD | 702221.20 | 9137220.38 | 24+750 | H-336 | HI-336-MI | 702659.04 | 9136883.45 |
| 24+800 | H-337 | HI-337-MD | 702249.47 | 9137261.62 | 24+800 | H-337 | HI-337-MI | 702678.49 | 9136929.50 |
| 24+850 | H-338 | HI-338-MD | 702277.74 | 9137302.86 | 24+850 | H-338 | HI-338-MI | 702704.01 | 9136972.49 |
| 24+900 | H-339 | HI-339-MD | 702298.16 | 9137346.03 | 24+900 | H-339 | HI-339-MI | 702729.53 | 9137015.49 |
| 24+950 | H-340 | HI-340-MD | 702292.27 | 9137395.68 | 24+950 | H-340 | HI-340-MI | 702756.08 | 9137057.72 |
| 25+000 | H-341 | HI-341-MD | 702286.38 | 9137445.34 | 25+000 | H-341 | HI-341-MI | 702789.96 | 9137094.49 |
| 25+050 | H-342 | HI-342-MD | 702280.48 | 9137494.99 | 25+050 | H-342 | HI-342-MI | 702810.88 | 9137139.68 |
| 25+100 | H-343 | HI-343-MD | 702293.72 | 9137537.74 | 25+100 | H-343 | HI-343-MI | 702827.27 | 9137186.90 |
| 25+150 | H-344 | HI-344-MD | 702329.96 | 9137572.18 | 25+150 | H-344 | HI-344-MI | 702843.97 | 9137234.03 |
| 25+200 | H-345 | HI-345-MD | 702365.21 | 9137607.59 | 25+200 | H-345 | HI-345-MI | 702867.92 | 9137277.60 |
| 25+250 | H-346 | HI-346-MD | 702398.70 | 9137644.72 | 25+250 | H-346 | HI-346-MI | 702901.65 | 9137314.50 |
| 25+300 | H-347 | HI-347-MD | 702415.80 | 9137691.52 | 25+300 | H-347 | HI-347-MI | 702932.43 | 9137353.90 |
| 25+350 | H-348 | HI-348-MD | 702452.40 | 9137724.58 | 25+350 | H-348 | HI-348-MI | 702955.18 | 9137398.35 |
| 25+400 | H-349 | HI-349-MD | 702484.41 | 9137762.43 | 25+400 | H-349 | HI-349-MI | 702978.27 | 9137442.68 |
| 25+450 | H-350 | HI-350-MD | 702513.08 | 9137803.39 | 25+450 | H-350 | HI-350-MI | 703002.41 | 9137486.47 |
| 25+500 | H-351 | HI-351-MD | 702541.76 | 9137844.35 | 25+500 | H-351 | HI-351-MI | 703025.76 | 9137530.68 |
| 25+550 | H-352 | HI-352-MD | 702564.91 | 9137888.32 | 25+550 | H-352 | HI-352-MI | 703049.12 | 9137574.89 |
| 25+600 | H-353 | HI-353-MD | 702583.79 | 9137934.62 | 25+600 | H-353 | HI-353-MI | 703075.81 | 9137616.24 |
| 25+650 | H-354 | HI-354-MD | 702602.67 | 9137980.92 | 25+650 | H-354 | HI-354-MI | 703115.90 | 9137646.12 |
| 25+700 | H-355 | HI-355-MD | 702620.48 | 9138027.64 | 25+700 | H-355 | HI-355-MI | 703154.06 | 9137678.40 |
| 25+750 | H-356 | HI-356-MD | 702656.46 | 9138059.05 | 25+750 | H-356 | HI-356-MI | 703191.73 | 9137711.27 |
| 25+800 | H-357 | HI-357-MD | 702696.69 | 9138088.28 | 25+800 | H-357 | HI-357-MI | 703229.45 | 9137744.09 |
| 25+850 | H-358 | HI-358-MD | 702729.06 | 9138124.97 | 25+850 | H-358 | HI-358-MI | 703264.24 | 9137779.97 |
| 25+900 | H-359 | HI-359-MD | 702731.85 | 9138171.94 | 25+900 | H-359 | HI-359-MI | 703296.91 | 9137817.76 |
| 25+950 | H-360 | HI-360-MD | 702738.80 | 9138214.31 | 25+950 | H-360 | HI-360-MI | 703327.94 | 9137856.96 |
| 26+000 | H-361 | HI-361-MD | 702737.32 | 9138261.95 | 26+000 | H-361 | HI-361-MI | 703357.63 | 9137897.14 |
| 26+050 | H-362 | HI-362-MD | 702746.46 | 9138310.67 | 26+050 | H-362 | HI-362-MI | 703385.46 | 9137938.69 |
| 26+100 | H-363 | HI-363-MD | 702776.07 | 9138349.90 | 26+100 | H-363 | HI-363-MI | 703410.27 | 9137981.85 |
| 26+150 | H-364 | HI-364-MD | 702809.09 | 9138384.69 | 26+150 | H-364 | HI-364-MI | 703429.68 | 9138027.93 |
| 26+200 | H-365 | HI-365-MD | 702829.55 | 9138429.95 | 26+200 | H-365 | HI-365-MI | 703449.08 | 9138074.01 |
| 26+250 | H-366 | HI-366-MD | 702867.26 | 9138462.66 | 26+250 | H-366 | HI-366-MI | 703471.85 | 9138118.28 |
| 26+300 | H-367 | HI-367-MD | 702907.21 | 9138491.20 | 26+300 | H-367 | HI-367-MI | 703502.68 | 9138155.57 |
| 26+350 | H-368 | HI-368-MD | 702932.97 | 9138534.03 | 26+350 | H-368 | HI-368-MI | 703551.14 | 9138167.89 |
| 26+400 | H-369 | HI-369-MD | 702960.71 | 9138575.64 | 26+400 | H-369 | HI-369-MI | 703586.63 | 9138201.52 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 26+450 | H-370 | HI-370-MD | 702997.27 | 9138609.68 | 26+450 | H-370 | HI-370-MI | 703632.68 | 9138221.00 |
| 26+500 | H-371 | HI-371-MD | 703021.58 | 9138650.55 | 26+500 | H-371 | HI-371-MI | 703676.75 | 9138243.74 |
| 26+550 | H-372 | HI-372-MD | 703032.40 | 9138699.35 | 26+550 | H-372 | HI-372-MI | 703715.22 | 9138275.67 |
| 26+600 | H-373 | HI-373-MD | 703058.80 | 9138741.46 | 26+600 | H-373 | HI-373-MI | 703754.63 | 9138306.44 |
| 26+650 | H-374 | HI-374-MD | 703088.10 | 9138781.95 | 26+650 | H-374 | HI-374-MI | 703790.29 | 9138341.17 |
| 26+700 | H-375 | HI-375-MD | 703120.02 | 9138820.44 | 26+700 | H-375 | HI-375-MI | 703822.86 | 9138379.08 |
| 26+750 | H-376 | HI-376-MD | 703154.56 | 9138856.55 | 26+750 | H-376 | HI-376-MI | 703852.89 | 9138419.06 |
| 26+800 | H-377 | HI-377-MD | 703189.79 | 9138892.02 | 26+800 | H-377 | HI-377-MI | 703879.89 | 9138460.63 |
| 26+850 | H-378 | HI-378-MD | 703225.57 | 9138926.96 | 26+850 | H-378 | HI-378-MI | 703895.74 | 9138508.05 |
| 26+900 | H-379 | HI-379-MD | 703261.34 | 9138961.89 | 26+900 | H-379 | HI-379-MI | 703917.99 | 9138552.76 |
| 26+950 | H-380 | HI-380-MD | 703297.22 | 9138996.71 | 26+950 | H-380 | HI-380-MI | 703949.40 | 9138591.52 |
| 27+000 | H-381 | HI-381-MD | 703334.12 | 9139030.44 | 27+000 | H-381 | HI-381-MI | 703984.63 | 9138626.86 |
| 27+050 | H-382 | HI-382-MD | 703371.03 | 9139064.18 | 27+050 | H-382 | HI-382-MI | 704022.65 | 9138659.23 |
| 27+100 | H-383 | HI-383-MD | 703407.78 | 9139098.08 | 27+100 | H-383 | HI-383-MI | 704063.23 | 9138688.43 |
| 27+150 | H-384 | HI-384-MD | 703444.51 | 9139132.01 | 27+150 | H-384 | HI-384-MI | 704107.06 | 9138711.94 |
| 27+200 | H-385 | HI-385-MD | 703481.39 | 9139165.76 | 27+200 | H-385 | HI-385-MI | 704152.77 | 9138732.19 |
| 27+250 | H-386 | HI-386-MD | 703518.29 | 9139199.50 | 27+250 | H-386 | HI-386-MI | 704197.28 | 9138754.77 |
| 27+300 | H-387 | HI-387-MD | 703554.93 | 9139233.53 | 27+300 | H-387 | HI-387-MI | 704239.98 | 9138780.78 |
| 27+350 | H-388 | HI-388-MD | 703591.57 | 9139267.55 | 27+350 | H-388 | HI-388-MI | 704282.68 | 9138806.80 |
| 27+400 | H-389 | HI-389-MD | 703626.17 | 9139303.63 | 27+400 | H-389 | HI-389-MI | 704325.38 | 9138832.81 |
| 27+450 | H-390 | HI-390-MD | 703665.11 | 9139343.65 | 27+450 | H-390 | HI-390-MI | 704369.45 | 9138856.41 |
| 27+500 | H-391 | HI-391-MD | 703682.34 | 9139386.19 | 27+500 | H-391 | HI-391-MI | 704412.27 | 9138881.80 |
| 27+550 | H-392 | HI-392-MD | 703707.62 | 9139429.32 | 27+550 | H-392 | HI-392-MI | 704447.75 | 9138916.50 |
| 27+600 | H-393 | HI-393-MD | 703732.43 | 9139472.73 | 27+600 | H-393 | HI-393-MI | 704474.20 | 9138958.89 |
| 27+650 | H-394 | HI-394-MD | 703762.35 | 9139512.41 | 27+650 | H-394 | HI-394-MI | 704496.03 | 9139003.42 |
| 27+700 | H-395 | HI-395-MD | 703798.71 | 9139546.66 | 27+700 | H-395 | HI-395-MI | 704512.92 | 9139050.48 |
| 27+750 | H-396 | HI-396-MD | 703834.02 | 9139582.01 | 27+750 | H-396 | HI-396-MI | 704529.82 | 9139097.54 |
| 27+800 | H-397 | HI-397-MD | 703869.74 | 9139616.91 | 27+800 | H-397 | HI-397-MI | 704547.89 | 9139143.90 |
| 27+850 | H-398 | HI-398-MD | 703901.69 | 9139655.30 | 27+850 | H-398 | HI-398-MI | 704580.72 | 9139181.62 |
| 27+900 | H-399 | HI-399-MD | 703930.37 | 9139696.26 | 27+900 | H-399 | HI-399-MI | 704607.57 | 9139223.34 |
| 27+950 | H-400 | HI-400-MD | 703958.97 | 9139737.27 | 27+950 | H-400 | HI-400-MI | 704629.93 | 9139268.06 |
| 28+000 | H-401 | HI-401-MD | 703986.76 | 9139778.82 | 28+000 | H-401 | HI-401-MI | 704643.62 | 9139316.11 |
| 28+050 | H-402 | HI-402-MD | 704017.63 | 9139817.57 | 28+050 | H-402 | HI-402-MI | 704656.97 | 9139364.30 |
| 28+100 | H-403 | HI-403-MD | 704053.55 | 9139852.34 | 28+100 | H-403 | HI-403-MI | 704676.63 | 9139409.82 |
| 28+150 | H-404 | HI-404-MD | 704088.02 | 9139888.56 | 28+150 | H-404 | HI-404-MI | 704711.04 | 9139445.93 |
| 28+200 | H-405 | HI-405-MD | 704124.36 | 9139922.81 | 28+200 | H-405 | HI-405-MI | 704735.35 | 9139489.35 |
| 28+250 | H-406 | HI-406-MD | 704164.58 | 9139951.75 | 28+250 | H-406 | HI-406-MI | 704772.46 | 9139521.89 |
| 28+300 | H-407 | HI-407-MD | 704210.23 | 9139972.13 | 28+300 | H-407 | HI-407-MI | 704812.20 | 9139552.24 |
| 28+350 | H-408 | HI-408-MD | 704255.02 | 9139994.26 | 28+350 | H-408 | HI-408-MI | 704851.70 | 9139582.89 |
| 28+400 | H-409 | HI-409-MD | 704299.40 | 9140017.07 | 28+400 | H-409 | HI-409-MI | 704890.75 | 9139614.12 |
| 28+450 | H-410 | HI-410-MD | 704341.05 | 9140043.71 | 28+450 | H-410 | HI-410-MI | 704929.79 | 9139645.35 |
| 28+500 | H-411 | HI-411-MD | 704381.82 | 9140071.85 | 28+500 | H-411 | HI-411-MI | 704970.64 | 9139673.26 |
| 28+550 | H-412 | HI-412-MD | 704431.81 | 9140072.90 | 28+550 | H-412 | HI-412-MI | 705018.10 | 9139689.00 |
| 28+600 | H-413 | HI-413-MD | 704476.89 | 9140090.30 | 28+600 | H-413 | HI-413-MI | 705065.56 | 9139704.75 |
| 28+650 | H-414 | HI-414-MD | 704514.29 | 9140123.49 | 28+650 | H-414 | HI-414-MI | 705110.89 | 9139725.72 |
| 28+700 | H-415 | HI-415-MD | 704554.96 | 9140152.41 | 28+700 | H-415 | HI-415-MI | 705149.97 | 9139756.08 |
| 28+750 | H-416 | HI-416-MD | 704593.22 | 9140183.29 | 28+750 | H-416 | HI-416-MI | 705186.23 | 9139790.50 |
| 28+800 | H-417 | HI-417-MD | 704624.35 | 9140222.39 | 28+800 | H-417 | HI-417-MI | 705209.10 | 9139834.81 |



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| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 28+850 | H-418 | HI-418-MD | 704654.22 | 9140262.14 | 28+850 | H-418 | HI-418-MI | 705231.33 | 9139879.60 |
| 28+900 | H-419 | HI-419-MD | 704697.36 | 9140287.30 | 28+900 | H-419 | HI-419-MI | 705257.57 | 9139922.03 |
| 28+950 | H-420 | HI-420-MD | 704737.44 | 9140317.03 | 28+950 | H-420 | HI-420-MI | 705279.18 | 9139965.53 |
| 29+000 | H-421 | HI-421-MD | 704774.61 | 9140350.42 | 29+000 | H-421 | HI-421-MI | 705282.15 | 9140015.44 |
| 29+050 | H-422 | HI-422-MD | 704806.97 | 9140388.53 | 29+050 | H-422 | HI-422-MI | 705283.72 | 9140065.28 |
| 29+100 | H-423 | HI-423-MD | 704840.99 | 9140425.13 | 29+100 | H-423 | HI-423-MI | 705275.83 | 9140114.66 |
| 29+150 | H-424 | HI-424-MD | 704876.06 | 9140460.77 | 29+150 | H-424 | HI-424-MI | 705267.95 | 9140164.03 |
| 29+200 | H-425 | HI-425-MD | 704909.81 | 9140497.66 | 29+200 | H-425 | HI-425-MI | 705257.38 | 9140212.83 |
| 29+250 | H-426 | HI-426-MD | 704943.87 | 9140534.22 | 29+250 | H-426 | HI-426-MI | 705251.06 | 9140261.73 |
| 29+300 | H-427 | HI-427-MD | 704982.26 | 9140566.25 | 29+300 | H-427 | HI-427-MI | 705254.77 | 9140311.59 |
| 29+350 | H-428 | HI-428-MD | 705022.22 | 9140595.89 | 29+350 | H-428 | HI-428-MI | 705239.78 | 9140358.61 |
| 29+400 | H-429 | HI-429-MD | 705062.39 | 9140625.56 | 29+400 | H-429 | HI-429-MI | 705220.32 | 9140404.54 |
| 29+450 | H-430 | HI-430-MD | 705098.80 | 9140659.60 | 29+450 | H-430 | HI-430-MI | 705201.28 | 9140448.06 |
| 29+500 | H-431 | HI-431-MD | 705134.36 | 9140694.45 | 29+500 | H-431 | HI-431-MI | 705215.18 | 9140495.32 |
| 29+550 | H-432 | HI-432-MD | 705160.95 | 9140736.63 | 29+550 | H-432 | HI-432-MI | 705227.10 | 9140543.41 |
| 29+600 | H-433 | HI-433-MD | 705180.83 | 9140781.94 | 29+600 | H-433 | HI-433-MI | 705245.03 | 9140589.56 |
| 29+650 | H-434 | HI-434-MD | 705145.80 | 9140809.15 | 29+650 | H-434 | HI-434-MI | 705273.45 | 9140630.62 |
| 29+700 | H-435 | HI-435-MD | 705115.66 | 9140843.31 | 29+700 | H-435 | HI-435-MI | 705296.02 | 9140675.24 |
| 29+750 | H-436 | HI-436-MD | 705106.49 | 9140888.06 | 29+750 | H-436 | HI-436-MI | 705315.75 | 9140720.72 |
| 29+800 | H-437 | HI-437-MD | 705072.62 | 9140921.38 | 29+800 | H-437 | HI-437-MI | 705330.73 | 9140767.00 |
| 29+850 | H-438 | HI-438-MD | 705075.63 | 9140968.87 | 29+850 | H-438 | HI-438-MI | 705367.86 | 9140799.88 |
| 29+900 | H-439 | HI-439-MD | 705075.26 | 9141012.97 | 29+900 | H-439 | HI-439-MI | 705409.56 | 9140827.36 |
| 29+950 | H-440 | HI-440-MD | 705105.77 | 9141049.23 | 29+950 | H-440 | HI-440-MI | 705445.47 | 9140862.15 |
| 30+000 | H-441 | HI-441-MD | 705086.62 | 9141092.74 | 30+000 | H-441 | HI-441-MI | 705472.62 | 9140903.93 |
| 30+050 | H-442 | HI-442-MD | 705070.00 | 9141138.75 | 30+050 | H-442 | HI-442-MI | 705499.15 | 9140946.24 |
| 30+100 | H-443 | HI-443-MD | 705074.96 | 9141186.35 | 30+100 | H-443 | HI-443-MI | 705512.05 | 9140992.74 |
| 30+150 | H-444 | HI-444-MD | 705079.39 | 9141234.45 | 30+150 | H-444 | HI-444-MI | 705523.38 | 9141039.22 |
| 30+200 | H-445 | HI-445-MD | 705089.73 | 9141282.74 | 30+200 | H-445 | HI-445-MI | 705550.83 | 9141081.01 |
| 30+250 | H-446 | HI-446-MD | 705119.91 | 9141320.83 | 30+250 | H-446 | HI-446-MI | 705587.74 | 9141112.40 |
| 30+300 | H-447 | HI-447-MD | 705147.08 | 9141362.42 | 30+300 | H-447 | HI-447-MI | 705631.37 | 9141136.75 |
| 30+350 | H-448 | HI-448-MD | 705166.28 | 9141408.59 | 30+350 | H-448 | HI-448-MI | 705671.36 | 9141166.05 |
| 30+400 | H-449 | HI-449-MD | 705184.81 | 9141455.03 | 30+400 | H-449 | HI-449-MI | 705697.94 | 9141208.40 |
| 30+450 | H-450 | HI-450-MD | 705203.30 | 9141501.49 | 30+450 | H-450 | HI-450-MI | 705723.56 | 9141251.27 |
| 30+500 | H-451 | HI-451-MD | 705213.44 | 9141550.41 | 30+500 | H-451 | HI-451-MI | 705744.49 | 9141296.68 |
| 30+550 | H-452 | HI-452-MD | 705222.70 | 9141599.54 | 30+550 | H-452 | HI-452-MI | 705765.43 | 9141342.08 |
| 30+600 | H-453 | HI-453-MD | 705239.62 | 9141646.27 | 30+600 | H-453 | HI-453-MI | 705786.12 | 9141387.60 |
| 30+650 | H-454 | HI-454-MD | 705274.09 | 9141681.33 | 30+650 | H-454 | HI-454-MI | 705806.26 | 9141433.36 |
| 30+700 | H-455 | HI-455-MD | 705315.03 | 9141708.78 | 30+700 | H-455 | HI-455-MI | 705827.80 | 9141478.42 |
| 30+750 | H-456 | HI-456-MD | 705354.57 | 9141734.37 | 30+750 | H-456 | HI-456-MI | 705854.54 | 9141520.56 |
| 30+800 | H-457 | HI-457-MD | 705394.36 | 9141759.83 | 30+800 | H-457 | HI-457-MI | 705884.09 | 9141560.90 |
| 30+850 | H-458 | HI-458-MD | 705419.95 | 9141802.71 | 30+850 | H-458 | HI-458-MI | 705922.82 | 9141590.99 |
| 30+900 | H-459 | HI-459-MD | 705444.76 | 9141846.12 | 30+900 | H-459 | HI-459-MI | 705962.92 | 9141620.69 |
| 30+950 | H-460 | HI-460-MD | 705478.95 | 9141882.46 | 30+950 | H-460 | HI-460-MI | 706006.87 | 9141644.26 |
| 31+000 | H-461 | HI-461-MD | 705515.51 | 9141916.56 | 31+000 | H-461 | HI-461-MI | 706052.23 | 9141665.18 |
| 31+050 | H-462 | HI-462-MD | 705551.60 | 9141951.05 | 31+050 | H-462 | HI-462-MI | 706095.45 | 9141690.28 |
| 31+100 | H-463 | HI-463-MD | 705593.84 | 9141977.36 | 31+100 | H-463 | HI-463-MI | 706139.20 | 9141714.47 |
| 31+150 | H-464 | HI-464-MD | 705635.62 | 9142000.66 | 31+150 | H-464 | HI-464-MI | 706183.31 | 9141738.00 |
| 31+200 | H-465 | HI-465-MD | 705612.85 | 9142041.81 | 31+200 | H-465 | HI-465-MI | 706225.19 | 9141765.20 |



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| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 31+250 | H-466 | HI-466-MD | 705609.05 | 9142090.67 | 31+250 | H-466 | HI-466-MI | 706265.67 | 9141794.56 |
| 31+300 | H-467 | HI-467-MD | 705627.18 | 9142135.44 | 31+300 | H-467 | HI-467-MI | 706305.35 | 9141824.97 |
| 31+350 | H-468 | HI-468-MD | 705667.18 | 9142160.55 | 31+350 | H-468 | HI-468-MI | 706344.63 | 9141855.91 |
| 31+400 | H-469 | HI-469-MD | 705708.68 | 9142188.28 | 31+400 | H-469 | HI-469-MI | 706384.22 | 9141886.45 |
| 31+450 | H-470 | HI-470-MD | 705740.97 | 9142224.61 | 31+450 | H-470 | HI-470-MI | 706425.38 | 9141914.78 |
| 31+500 | H-471 | HI-471-MD | 705776.49 | 9142257.19 | 31+500 | H-471 | HI-471-MI | 706465.96 | 9141943.93 |
| 31+550 | H-472 | HI-472-MD | 705820.16 | 9142275.60 | 31+550 | H-472 | HI-472-MI | 706505.63 | 9141974.36 |
| 31+600 | H-473 | HI-473-MD | 705865.39 | 9142292.66 | 31+600 | H-473 | HI-473-MI | 706544.23 | 9142006.15 |
| 31+650 | H-474 | HI-474-MD | 705907.38 | 9142310.07 | 31+650 | H-474 | HI-474-MI | 706582.93 | 9142037.79 |
| 31+700 | H-475 | HI-475-MD | 705945.58 | 9142341.49 | 31+700 | H-475 | HI-475-MI | 706623.03 | 9142067.67 |
| 31+750 | H-476 | HI-476-MD | 705993.58 | 9142355.10 | 31+750 | H-476 | HI-476-MI | 706663.12 | 9142097.54 |
| 31+800 | H-477 | HI-477-MD | 706038.69 | 9142374.54 | 31+800 | H-477 | HI-477-MI | 706703.22 | 9142127.41 |
| 31+850 | H-478 | HI-478-MD | 706081.94 | 9142399.62 | 31+850 | H-478 | HI-478-MI | 706734.56 | 9142166.16 |
| 31+900 | H-479 | HI-479-MD | 706124.66 | 9142425.54 | 31+900 | H-479 | HI-479-MI | 706758.95 | 9142209.17 |
| 31+950 | H-480 | HI-480-MD | 706167.85 | 9142448.32 | 31+950 | H-480 | HI-480-MI | 706776.30 | 9142256.07 |
| 32+000 | H-481 | HI-481-MD | 706215.53 | 9142462.82 | 32+000 | H-481 | HI-481-MI | 706792.48 | 9142303.37 |
| 32+050 | H-482 | HI-482-MD | 706258.04 | 9142489.14 | 32+050 | H-482 | HI-482-MI | 706808.85 | 9142350.60 |
| 32+100 | H-483 | HI-483-MD | 706298.60 | 9142518.18 | 32+100 | H-483 | HI-483-MI | 706832.25 | 9142394.79 |
| 32+150 | H-484 | HI-484-MD | 706337.22 | 9142549.94 | 32+150 | H-484 | HI-484-MI | 706865.18 | 9142431.24 |
| 32+200 | H-485 | HI-485-MD | 706374.41 | 9142583.30 | 32+200 | H-485 | HI-485-MI | 706900.36 | 9142466.16 |
| 32+250 | H-486 | HI-486-MD | 706410.70 | 9142617.66 | 32+250 | H-486 | HI-486-MI | 706941.78 | 9142494.17 |
| 32+300 | H-487 | HI-487-MD | 706449.73 | 9142648.91 | 32+300 | H-487 | HI-487-MI | 706983.20 | 9142522.18 |
| 32+350 | H-488 | HI-488-MD | 706488.75 | 9142680.17 | 32+350 | H-488 | HI-488-MI | 707024.62 | 9142550.18 |
| 32+400 | H-489 | HI-489-MD | 706530.91 | 9142704.61 | 32+400 | H-489 | HI-489-MI | 707066.04 | 9142578.19 |
| 32+450 | H-490 | HI-490-MD | 706580.05 | 9142713.81 | 32+450 | H-490 | HI-490-MI | 707107.46 | 9142606.20 |
| 32+500 | H-491 | HI-491-MD | 706629.84 | 9142717.31 | 32+500 | H-491 | HI-491-MI | 707148.88 | 9142634.20 |
| 32+550 | H-492 | HI-492-MD | 706679.80 | 9142719.24 | 32+550 | H-492 | HI-492-MI | 707190.30 | 9142662.21 |
| 32+600 | H-493 | HI-493-MD | 706729.55 | 9142724.01 | 32+600 | H-493 | HI-493-MI | 707231.72 | 9142690.22 |
| 32+650 | H-494 | HI-494-MD | 706779.24 | 9142729.59 | 32+650 | H-494 | HI-494-MI | 707273.14 | 9142718.22 |
| 32+700 | H-495 | HI-495-MD | 706823.69 | 9142751.76 | 32+700 | H-495 | HI-495-MI | 707315.54 | 9142744.65 |
| 32+750 | H-496 | HI-496-MD | 706867.57 | 9142775.73 | 32+750 | H-496 | HI-496-MI | 707358.99 | 9142769.39 |
| 32+800 | H-497 | HI-497-MD | 706909.93 | 9142802.26 | 32+800 | H-497 | HI-497-MI | 707402.44 | 9142794.13 |
| 32+850 | H-498 | HI-498-MD | 706951.73 | 9142829.68 | 32+850 | H-498 | HI-498-MI | 707445.89 | 9142818.87 |
| 32+900 | H-499 | HI-499-MD | 706992.18 | 9142859.06 | 32+900 | H-499 | HI-499-MI | 707489.34 | 9142843.62 |
| 32+950 | H-500 | HI-500-MD | 707032.64 | 9142888.44 | 32+950 | H-500 | HI-500-MI | 707532.79 | 9142868.36 |
| 33+000 | H-501 | HI-501-MD | 707072.49 | 9142918.63 | 33+000 | H-501 | HI-501-MI | 707576.17 | 9142893.22 |
| 33+050 | H-502 | HI-502-MD | 707112.30 | 9142948.89 | 33+050 | H-502 | HI-502-MI | 707619.43 | 9142918.28 |
| 33+100 | H-503 | HI-503-MD | 707152.06 | 9142979.20 | 33+100 | H-503 | HI-503-MI | 707662.69 | 9142943.35 |
| 33+150 | H-504 | HI-504-MD | 707191.77 | 9143009.58 | 33+150 | H-504 | HI-504-MI | 707705.96 | 9142968.42 |
| 33+200 | H-505 | HI-505-MD | 707234.66 | 9143035.09 | 33+200 | H-505 | HI-505-MI | 707749.22 | 9142993.49 |
| 33+250 | H-506 | HI-506-MD | 707278.06 | 9143059.89 | 33+250 | H-506 | HI-506-MI | 707792.48 | 9143018.56 |
| 33+300 | H-507 | HI-507-MD | 707320.67 | 9143086.06 | 33+300 | H-507 | HI-507-MI | 707835.74 | 9143043.63 |
| 33+350 | H-508 | HI-508-MD | 707363.94 | 9143111.07 | 33+350 | H-508 | HI-508-MI | 707879.00 | 9143068.70 |
| 33+400 | H-509 | HI-509-MD | 707407.97 | 9143134.76 | 33+400 | H-509 | HI-509-MI | 707922.12 | 9143094.00 |
| 33+450 | H-510 | HI-510-MD | 707452.00 | 9143158.45 | 33+450 | H-510 | HI-510-MI | 707964.43 | 9143120.65 |
| 33+500 | H-511 | HI-511-MD | 707495.48 | 9143182.75 | 33+500 | H-511 | HI-511-MI | 708006.73 | 9143147.30 |
| 33+550 | H-512 | HI-512-MD | 707523.17 | 9143224.38 | 33+550 | H-512 | HI-512-MI | 708049.04 | 9143173.95 |
| 33+600 | H-513 | HI-513-MD | 707551.39 | 9143265.51 | 33+600 | H-513 | HI-513-MI | 708091.35 | 9143200.59 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|-----------------------|-------|-----------|-----------|------------|-------------------------|-------|-----------|-----------|------------|
| 33+650 | H-514 | HI-514-MD | 707591.68 | 9143295.11 | 33+650 | H-514 | HI-514-MI | 708134.19 | 9143226.35 |
| 33+700 | H-515 | HI-515-MD | 707631.98 | 9143324.71 | 33+700 | H-515 | HI-515-MI | 708177.57 | 9143251.22 |
| 33+750 | H-516 | HI-516-MD | 707672.28 | 9143354.32 | 33+750 | H-516 | HI-516-MI | 708220.94 | 9143276.09 |
| 33+800 | H-517 | HI-517-MD | 707715.91 | 9143378.65 | 33+800 | H-517 | HI-517-MI | 708264.32 | 9143300.96 |
| 33+850 | H-518 | HI-518-MD | 707759.88 | 9143402.45 | 33+850 | H-518 | HI-518-MI | 708307.69 | 9143325.84 |
| 33+900 | H-519 | HI-519-MD | 707803.85 | 9143426.26 | 33+900 | H-519 | HI-519-MI | 708351.06 | 9143350.72 |
| 33+950 | H-520 | HI-520-MD | 707848.20 | 9143449.34 | 33+950 | H-520 | HI-520-MI | 708394.15 | 9143376.08 |
| 34+000 | H-521 | HI-521-MD | 707892.56 | 9143472.43 | 34+000 | H-521 | HI-521-MI | 708437.25 | 9143401.44 |
| 34+050 | H-522 | HI-522-MD | 707936.55 | 9143496.18 | 34+050 | H-522 | HI-522-MI | 708480.34 | 9143426.79 |
| 34+100 | H-523 | HI-523-MD | 707980.37 | 9143520.26 | 34+100 | H-523 | HI-523-MI | 708525.83 | 9143441.04 |
| 34+150 | H-524 | HI-524-MD | 708024.16 | 9143544.38 | 34+150 | H-524 | HI-524-MI | 708571.38 | 9143441.29 |
| 34+200 | H-525 | HI-525-MD | 708067.88 | 9143568.65 | 34+200 | H-525 | HI-525-MI | 708613.94 | 9143467.34 |
| 34+250 | H-526 | HI-526-MD | 708112.17 | 9143591.82 | 34+250 | H-526 | HI-526-MI | 708660.82 | 9143484.71 |
| 34+300 | H-527 | HI-527-MD | 708157.05 | 9143613.86 | 34+300 | H-527 | HI-527-MI | 708704.43 | 9143509.03 |
| 34+350 | H-528 | HI-528-MD | 708201.93 | 9143635.90 | 34+350 | H-528 | HI-528-MI | 708753.14 | 9143511.67 |
| 34+400 | H-529 | HI-529-MD | 708246.10 | 9143659.31 | 34+400 | H-529 | HI-529-MI | 708802.13 | 9143514.86 |
| 34+450 | H-530 | HI-530-MD | 708290.06 | 9143683.12 | 34+450 | H-530 | HI-530-MI | 708848.43 | 9143533.76 |
| 34+500 | H-531 | HI-531-MD | 708334.69 | 9143705.66 | 34+500 | H-531 | HI-531-MI | 708897.01 | 9143544.29 |
| 34+550 | H-532 | HI-532-MD | 708381.01 | 9143724.44 | 34+550 | H-532 | HI-532-MI | 708946.46 | 9143551.69 |
| 34+600 | H-533 | HI-533-MD | 708427.55 | 9143742.72 | 34+600 | H-533 | HI-533-MI | 708995.91 | 9143559.08 |
| 34+650 | H-534 | HI-534-MD | 708474.38 | 9143760.21 | 34+650 | H-534 | HI-534-MI | 709042.92 | 9143575.77 |
| 34+700 | H-535 | HI-535-MD | 708522.09 | 9143774.81 | 34+700 | H-535 | HI-535-MI | 709091.14 | 9143586.38 |
| 34+750 | H-536 | HI-536-MD | 708571.24 | 9143783.98 | 34+750 | H-536 | HI-536-MI | 709141.06 | 9143588.80 |
| 34+800 | H-537 | HI-537-MD | 708620.93 | 9143788.04 | 34+800 | H-537 | HI-537-MI | 709187.81 | 9143571.07 |
| 34+850 | H-538 | HI-538-MD | 708670.76 | 9143785.55 | 34+850 | H-538 | HI-538-MI | 709234.49 | 9143553.21 |
| 34+900 | H-539 | HI-539-MD | 708719.84 | 9143785.62 | 34+900 | H-539 | HI-539-MI | 709281.96 | 9143538.79 |
| 34+950 | H-540 | HI-540-MD | 708766.11 | 9143804.01 | 34+950 | H-540 | HI-540-MI | 709328.69 | 9143554.44 |
| 35+000 | H-541 | HI-541-MD | 708812.57 | 9143821.43 | 35+000 | H-541 | HI-541-MI | 709376.50 | 9143568.87 |
| 35+050 | H-542 | HI-542-MD | 708854.07 | 9143849.26 | 35+050 | H-542 | HI-542-MI | 709426.13 | 9143574.49 |
| 35+100 | H-543 | HI-543-MD | 708898.33 | 9143871.10 | 35+100 | H-543 | HI-543-MI | 709474.84 | 9143585.68 |
| 35+150 | H-544 | HI-544-MD | 708944.71 | 9143889.68 | 35+150 | H-544 | HI-544-MI | 709524.03 | 9143593.88 |
| 35+200 | H-545 | HI-545-MD | 708992.20 | 9143904.57 | 35+200 | H-545 | HI-545-MI | 709573.83 | 9143590.25 |
| 35+250 | H-546 | HI-546-MD | 709041.09 | 9143915.05 | 35+250 | H-546 | HI-546-MI | 709622.19 | 9143601.86 |
| 35+300 | H-547 | HI-547-MD | 709089.19 | 9143928.70 | 35+300 | H-547 | HI-547-MI | 709668.39 | 9143620.96 |
| 35+350 | H-548 | HI-548-MD | 709137.49 | 9143941.60 | 35+350 | H-548 | HI-548-MI | 709718.23 | 9143621.78 |
| 35+400 | H-549 | HI-549-MD | 709186.52 | 9143951.17 | 35+400 | H-549 | HI-549-MI | 709767.67 | 9143628.86 |
| 35+450 | H-550 | HI-550-MD | 709236.06 | 9143957.91 | 35+450 | H-550 | HI-550-MI | 709806.42 | 9143659.16 |
| 35+500 | H-551 | HI-551-MD | 709285.57 | 9143964.90 | 35+500 | H-551 | HI-551-MI | 709844.05 | 9143691.96 |
| 35+550 | H-552 | HI-552-MD | 709334.97 | 9143972.62 | 35+550 | H-552 | HI-552-MI | 709891.28 | 9143703.80 |
| 35+600 | H-553 | HI-553-MD | 709384.33 | 9143980.57 | 35+600 | H-553 | HI-553-MI | 709941.27 | 9143704.43 |
| 35+650 | H-554 | HI-554-MD | 709433.69 | 9143988.54 | 35+650 | H-554 | HI-554-MI | 709989.05 | 9143719.10 |
| 35+700 | H-555 | HI-555-MD | 709482.30 | 9144000.17 | 35+700 | H-555 | HI-555-MI | 710035.00 | 9143738.15 |
| 35+750 | H-556 | HI-556-MD | 709531.12 | 9144010.88 | 35+750 | H-556 | HI-556-MI | 710078.76 | 9143762.35 |
| 35+800 | H-557 | HI-557-MD | 709580.29 | 9144019.86 | 35+800 | H-557 | HI-557-MI | 710118.05 | 9143792.96 |
| 35+850 | H-558 | HI-558-MD | 709629.94 | 9144025.77 | 35+850 | H-558 | HI-558-MI | 710159.11 | 9143820.09 |
| 35+900 | H-559 | HI-559-MD | 709679.65 | 9144031.10 | 35+900 | H-559 | HI-559-MI | 710206.18 | 9143836.91 |
| 35+950 | H-560 | HI-560-MD | 709729.50 | 9144034.81 | 35+950 | H-560 | HI-560-MI | 710252.49 | 9143855.76 |
| 36+000 | H-561 | HI-561-MD | 709779.48 | 9144036.33 | 36+000 | H-561 | HI-561-MI | 710299.09 | 9143873.89 |



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| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 36+050 | H-562 | HI-562-MD | 709829.07 | 9144041.10 | 36+050 | H-562 | HI-562-MI | 710345.85 | 9143891.57 |
| 36+100 | H-563 | HI-563-MD | 709878.24 | 9144049.34 | 36+100 | H-563 | HI-563-MI | 710392.62 | 9143909.25 |
| 36+150 | H-564 | HI-564-MD | 709927.26 | 9144056.00 | 36+150 | H-564 | HI-564-MI | 710438.72 | 9143928.54 |
| 36+200 | H-565 | HI-565-MD | 709974.28 | 9144073.01 | 36+200 | H-565 | HI-565-MI | 710484.04 | 9143949.64 |
| 36+250 | H-566 | HI-566-MD | 710020.62 | 9144091.74 | 36+250 | H-566 | HI-566-MI | 710529.94 | 9143969.36 |
| 36+300 | H-567 | HI-567-MD | 710067.45 | 9144108.97 | 36+300 | H-567 | HI-567-MI | 710573.53 | 9143993.84 |
| 36+350 | H-568 | HI-568-MD | 710115.65 | 9144122.14 | 36+350 | H-568 | HI-568-MI | 710617.59 | 9144017.46 |
| 36+400 | H-569 | HI-569-MD | 710161.22 | 9144142.72 | 36+400 | H-569 | HI-569-MI | 710662.02 | 9144040.40 |
| 36+450 | H-570 | HI-570-MD | 710210.66 | 9144147.96 | 36+450 | H-570 | HI-570-MI | 710706.42 | 9144063.38 |
| 36+500 | H-571 | HI-571-MD | 710260.19 | 9144154.80 | 36+500 | H-571 | HI-571-MI | 710750.83 | 9144086.37 |
| 36+550 | H-572 | HI-572-MD | 710309.10 | 9144164.63 | 36+550 | H-572 | HI-572-MI | 710794.64 | 9144110.45 |
| 36+600 | H-573 | HI-573-MD | 710355.32 | 9144183.40 | 36+600 | H-573 | HI-573-MI | 710841.86 | 9144124.87 |
| 36+650 | H-574 | HI-574-MD | 710400.03 | 9144205.73 | 36+650 | H-574 | HI-574-MI | 710891.51 | 9144128.53 |
| 36+700 | H-575 | HI-575-MD | 710444.00 | 9144229.53 | 36+700 | H-575 | HI-575-MI | 710941.50 | 9144127.84 |
| 36+750 | H-576 | HI-576-MD | 710485.31 | 9144257.64 | 36+750 | H-576 | HI-576-MI | 710991.45 | 9144125.57 |
| 36+800 | H-577 | HI-577-MD | 710526.49 | 9144285.66 | 36+800 | H-577 | HI-577-MI | 711040.69 | 9144117.60 |
| 36+850 | H-578 | HI-578-MD | 710572.29 | 9144305.70 | 36+850 | H-578 | HI-578-MI | 711090.28 | 9144116.26 |
| 36+900 | H-579 | HI-579-MD | 710617.10 | 9144327.84 | 36+900 | H-579 | HI-579-MI | 711138.39 | 9144126.79 |
| 36+950 | H-580 | HI-580-MD | 710661.48 | 9144350.87 | 36+950 | H-580 | HI-580-MI | 711184.22 | 9144146.77 |
| 37+000 | H-581 | HI-581-MD | 710705.47 | 9144374.59 | 37+000 | H-581 | HI-581-MI | 711213.07 | 9144186.71 |
| 37+050 | H-582 | HI-582-MD | 710747.47 | 9144401.72 | 37+050 | H-582 | HI-582-MI | 711243.27 | 9144226.56 |
| 37+100 | H-583 | HI-583-MD | 710790.58 | 9144427.01 | 37+100 | H-583 | HI-583-MI | 711277.69 | 9144262.60 |
| 37+150 | H-584 | HI-584-MD | 710830.47 | 9144456.25 | 37+150 | H-584 | HI-584-MI | 711314.30 | 9144296.65 |
| 37+200 | H-585 | HI-585-MD | 710840.26 | 9144500.54 | 37+200 | H-585 | HI-585-MI | 711358.25 | 9144320.01 |
| 37+250 | H-586 | HI-586-MD | 710852.38 | 9144549.02 | 37+250 | H-586 | HI-586-MI | 711404.17 | 9144339.51 |
| 37+300 | H-587 | HI-587-MD | 710862.44 | 9144597.99 | 37+300 | H-587 | HI-587-MI | 711451.69 | 9144355.07 |
| 37+350 | H-588 | HI-588-MD | 710873.37 | 9144646.78 | 37+350 | H-588 | HI-588-MI | 711499.05 | 9144371.09 |
| 37+400 | H-589 | HI-589-MD | 710884.58 | 9144695.51 | 37+400 | H-589 | HI-589-MI | 711546.08 | 9144388.05 |
| 37+450 | H-590 | HI-590-MD | 710894.68 | 9144744.39 | 37+450 | H-590 | HI-590-MI | 711593.48 | 9144403.94 |
| 37+500 | H-591 | HI-591-MD | 710937.37 | 9144762.94 | 37+500 | H-591 | HI-591-MI | 711641.60 | 9144415.68 |
| 37+550 | H-592 | HI-592-MD | 710986.44 | 9144772.56 | 37+550 | H-592 | HI-592-MI | 711691.58 | 9144414.35 |
| 37+600 | H-593 | HI-593-MD | 711035.31 | 9144783.09 | 37+600 | H-593 | HI-593-MI | 711741.56 | 9144413.01 |
| 37+650 | H-594 | HI-594-MD | 711084.16 | 9144793.77 | 37+650 | H-594 | HI-594-MI | 711781.11 | 9144432.45 |
| 37+700 | H-595 | HI-595-MD | 711133.25 | 9144803.17 | 37+700 | H-595 | HI-595-MI | 711814.81 | 9144467.64 |
| 37+750 | H-596 | HI-596-MD | 711182.35 | 9144812.56 | 37+750 | H-596 | HI-596-MI | 711858.42 | 9144491.89 |
| 37+800 | H-597 | HI-597-MD | 711231.25 | 9144823.00 | 37+800 | H-597 | HI-597-MI | 711900.63 | 9144516.86 |
| 37+850 | H-598 | HI-598-MD | 711280.31 | 9144832.63 | 37+850 | H-598 | HI-598-MI | 711945.47 | 9144499.93 |
| 37+900 | H-599 | HI-599-MD | 711326.92 | 9144850.04 | 37+900 | H-599 | HI-599-MI | 711992.95 | 9144485.26 |
| 37+950 | H-600 | HI-600-MD | 711374.15 | 9144866.45 | 37+950 | H-600 | HI-600-MI | 712042.93 | 9144483.79 |
| 38+000 | H-601 | HI-601-MD | 711421.54 | 9144882.38 | 38+000 | H-601 | HI-601-MI | 712092.81 | 9144483.63 |
| 38+050 | H-602 | HI-602-MD | 711468.73 | 9144898.91 | 38+050 | H-602 | HI-602-MI | 712142.00 | 9144492.58 |
| 38+100 | H-603 | HI-603-MD | 711515.89 | 9144915.51 | 38+100 | H-603 | HI-603-MI | 712190.34 | 9144504.98 |
| 38+150 | H-604 | HI-604-MD | 711558.01 | 9144941.41 | 38+150 | H-604 | HI-604-MI | 712238.06 | 9144519.90 |
| 38+200 | H-605 | HI-605-MD | 711597.17 | 9144972.50 | 38+200 | H-605 | HI-605-MI | 712278.91 | 9144548.06 |
| 38+250 | H-606 | HI-606-MD | 711635.16 | 9145004.99 | 38+250 | H-606 | HI-606-MI | 712311.94 | 9144585.55 |
| 38+300 | H-607 | HI-607-MD | 711675.42 | 9145034.56 | 38+300 | H-607 | HI-607-MI | 712357.11 | 9144592.34 |
| 38+350 | H-608 | HI-608-MD | 711725.07 | 9145037.54 | 38+350 | H-608 | HI-608-MI | 712399.50 | 9144565.83 |
| 38+400 | H-609 | HI-609-MD | 711774.90 | 9145041.63 | 38+400 | H-609 | HI-609-MI | 712444.97 | 9144549.63 |



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| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 38+450 | H-610 | HI-610-MD | 711821.39 | 9145057.93 | 38+450 | H-610 | HI-610-MI | 712492.02 | 9144562.97 |
| 38+500 | H-611 | HI-611-MD | 711863.50 | 9145084.08 | 38+500 | H-611 | HI-611-MI | 712532.47 | 9144592.35 |
| 38+550 | H-612 | HI-612-MD | 711900.89 | 9145117.27 | 38+550 | H-612 | HI-612-MI | 712564.67 | 9144629.87 |
| 38+600 | H-613 | HI-613-MD | 711947.60 | 9145121.00 | 38+600 | H-613 | HI-613-MI | 712592.23 | 9144671.47 |
| 38+650 | H-614 | HI-614-MD | 711995.71 | 9145130.07 | 38+650 | H-614 | HI-614-MI | 712616.26 | 9144714.88 |
| 38+700 | H-615 | HI-615-MD | 712042.24 | 9145148.38 | 38+700 | H-615 | HI-615-MI | 712647.48 | 9144753.72 |
| 38+750 | H-616 | HI-616-MD | 712088.44 | 9145167.48 | 38+750 | H-616 | HI-616-MI | 712683.52 | 9144785.97 |
| 38+800 | H-617 | HI-617-MD | 712135.49 | 9145184.11 | 38+800 | H-617 | HI-617-MI | 712728.09 | 9144808.65 |
| 38+850 | H-618 | HI-618-MD | 712183.58 | 9145197.80 | 38+850 | H-618 | HI-618-MI | 712773.51 | 9144829.54 |
| 38+900 | H-619 | HI-619-MD | 712229.84 | 9145216.52 | 38+900 | H-619 | HI-619-MI | 712820.02 | 9144847.41 |
| 38+950 | H-620 | HI-620-MD | 712270.36 | 9145245.37 | 38+950 | H-620 | HI-620-MI | 712868.40 | 9144860.06 |
| 39+000 | H-621 | HI-621-MD | 712308.81 | 9145277.33 | 39+000 | H-621 | HI-621-MI | 712917.49 | 9144869.22 |
| 39+050 | H-622 | HI-622-MD | 712349.84 | 9145305.85 | 39+050 | H-622 | HI-622-MI | 712966.98 | 9144876.19 |
| 39+100 | H-623 | HI-623-MD | 712395.67 | 9145325.53 | 39+100 | H-623 | HI-623-MI | 713016.91 | 9144878.76 |
| 39+150 | H-624 | HI-624-MD | 712443.42 | 9145339.85 | 39+150 | H-624 | HI-624-MI | 713066.85 | 9144881.32 |
| 39+200 | H-625 | HI-625-MD | 712491.46 | 9145353.51 | 39+200 | H-625 | HI-625-MI | 713116.31 | 9144888.34 |
| 39+250 | H-626 | HI-626-MD | 712539.71 | 9145366.46 | 39+250 | H-626 | HI-626-MI | 713165.66 | 9144896.33 |
| 39+300 | H-627 | HI-627-MD | 712588.03 | 9145379.30 | 39+300 | H-627 | HI-627-MI | 713214.04 | 9144908.20 |
| 39+350 | H-628 | HI-628-MD | 712635.80 | 9145394.06 | 39+350 | H-628 | HI-628-MI | 713261.28 | 9144924.59 |
| 39+400 | H-629 | HI-629-MD | 712683.71 | 9145408.32 | 39+400 | H-629 | HI-629-MI | 713309.10 | 9144939.13 |
| 39+450 | H-630 | HI-630-MD | 712733.28 | 9145414.61 | 39+450 | H-630 | HI-630-MI | 713356.67 | 9144954.25 |
| 39+500 | H-631 | HI-631-MD | 712782.91 | 9145420.62 | 39+500 | H-631 | HI-631-MI | 713402.32 | 9144974.66 |
| 39+550 | H-632 | HI-632-MD | 712832.77 | 9145417.53 | 39+550 | H-632 | HI-632-MI | 713447.96 | 9144995.07 |
| 39+600 | H-633 | HI-633-MD | 712882.77 | 9145417.71 | 39+600 | H-633 | HI-633-MI | 713493.75 | 9145015.08 |
| 39+650 | H-634 | HI-634-MD | 712932.62 | 9145421.28 | 39+650 | H-634 | HI-634-MI | 713541.99 | 9145028.22 |
| 39+700 | H-635 | HI-635-MD | 712982.22 | 9145427.61 | 39+700 | H-635 | HI-635-MI | 713590.23 | 9145041.36 |
| 39+750 | H-636 | HI-636-MD | 713032.07 | 9145431.40 | 39+750 | H-636 | HI-636-MI | 713635.98 | 9145060.84 |
| 39+800 | H-637 | HI-637-MD | 713081.93 | 9145435.10 | 39+800 | H-637 | HI-637-MI | 713682.74 | 9145075.95 |
| 39+850 | H-638 | HI-638-MD | 713131.79 | 9145438.87 | 39+850 | H-638 | HI-638-MI | 713732.42 | 9145081.64 |
| 39+900 | H-639 | HI-639-MD | 713181.67 | 9145442.19 | 39+900 | H-639 | HI-639-MI | 713782.09 | 9145087.33 |
| 39+950 | H-640 | HI-640-MD | 713231.62 | 9145443.90 | 39+950 | H-640 | HI-640-MI | 713831.85 | 9145092.12 |
| 40+000 | H-641 | HI-641-MD | 713281.36 | 9145448.99 | 40+000 | H-641 | HI-641-MI | 713881.71 | 9145095.87 |
| 40+050 | H-642 | HI-642-MD | 713330.60 | 9145457.43 | 40+050 | H-642 | HI-642-MI | 713931.57 | 9145099.62 |
| 40+100 | H-643 | HI-643-MD | 713379.45 | 9145468.09 | 40+100 | H-643 | HI-643-MI | 713979.81 | 9145089.04 |
| 40+150 | H-644 | HI-644-MD | 713428.12 | 9145479.46 | 40+150 | H-644 | HI-644-MI | 714026.43 | 9145073.89 |
| 40+200 | H-645 | HI-645-MD | 713476.32 | 9145492.78 | 40+200 | H-645 | HI-645-MI | 714074.81 | 9145082.74 |
| 40+250 | H-646 | HI-646-MD | 713525.43 | 9145502.01 | 40+250 | H-646 | HI-646-MI | 714117.54 | 9145108.69 |
| 40+300 | H-647 | HI-647-MD | 713574.23 | 9145512.45 | 40+300 | H-647 | HI-647-MI | 714155.51 | 9145141.23 |
| 40+350 | H-648 | HI-648-MD | 713621.97 | 9145527.34 | 40+350 | H-648 | HI-648-MI | 714191.12 | 9145176.02 |
| 40+400 | H-649 | HI-649-MD | 713669.79 | 9145541.91 | 40+400 | H-649 | HI-649-MI | 714222.06 | 9145215.30 |
| 40+450 | H-650 | HI-650-MD | 713717.93 | 9145555.42 | 40+450 | H-650 | HI-650-MI | 714254.74 | 9145253.12 |
| 40+500 | H-651 | HI-651-MD | 713766.95 | 9145564.14 | 40+500 | H-651 | HI-651-MI | 714283.12 | 9145294.09 |
| 40+550 | H-652 | HI-652-MD | 713816.85 | 9145563.18 | 40+550 | H-652 | HI-652-MI | 714324.31 | 9145318.55 |
| 40+600 | H-653 | HI-653-MD | 713866.71 | 9145564.47 | 40+600 | H-653 | HI-653-MI | 714374.14 | 9145322.60 |
| 40+650 | H-654 | HI-654-MD | 713916.45 | 9145568.85 | 40+650 | H-654 | HI-654-MI | 714421.27 | 9145337.96 |
| 40+700 | H-655 | HI-655-MD | 713964.62 | 9145581.26 | 40+700 | H-655 | HI-655-MI | 714467.23 | 9145357.61 |
| 40+750 | H-656 | HI-656-MD | 714012.42 | 9145595.60 | 40+750 | H-656 | HI-656-MI | 714510.33 | 9145381.91 |
| 40+800 | H-657 | HI-657-MD | 714059.46 | 9145612.47 | 40+800 | H-657 | HI-657-MI | 714545.91 | 9145417.04 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 40+850 | H-658 | HI-658-MD | 714106.83 | 9145628.45 | 40+850 | H-658 | HI-658-MI | 714590.30 | 9145438.10 |
| 40+900 | H-659 | HI-659-MD | 714153.08 | 9145647.30 | 40+900 | H-659 | HI-659-MI | 714637.84 | 9145450.12 |
| 40+950 | H-660 | HI-660-MD | 714195.77 | 9145673.33 | 40+950 | H-660 | HI-660-MI | 714686.69 | 9145447.89 |
| 41+000 | H-661 | HI-661-MD | 714239.41 | 9145697.73 | 41+000 | H-661 | HI-661-MI | 714734.20 | 9145463.48 |
| 41+050 | H-662 | HI-662-MD | 714280.96 | 9145725.00 | 41+050 | H-662 | HI-662-MI | 714771.21 | 9145494.98 |
| 41+100 | H-663 | HI-663-MD | 714319.50 | 9145756.85 | 41+100 | H-663 | HI-663-MI | 714805.69 | 9145531.09 |
| 41+150 | H-664 | HI-664-MD | 714350.20 | 9145795.09 | 41+150 | H-664 | HI-664-MI | 714850.97 | 9145552.28 |
| 41+200 | H-665 | HI-665-MD | 714374.16 | 9145838.97 | 41+200 | H-665 | HI-665-MI | 714897.97 | 9145567.72 |
| 41+250 | H-666 | HI-666-MD | 714400.67 | 9145881.35 | 41+250 | H-666 | HI-666-MI | 714947.48 | 9145574.72 |
| 41+300 | H-667 | HI-667-MD | 714439.22 | 9145911.86 | 41+300 | H-667 | HI-667-MI | 714995.84 | 9145584.50 |
| 41+350 | H-668 | HI-668-MD | 714484.15 | 9145933.76 | 41+350 | H-668 | HI-668-MI | 715035.96 | 9145614.34 |
| 41+400 | H-669 | HI-669-MD | 714529.28 | 9145955.26 | 41+400 | H-669 | HI-669-MI | 715077.30 | 9145642.10 |
| 41+450 | H-670 | HI-670-MD | 714573.96 | 9145977.68 | 41+450 | H-670 | HI-670-MI | 715123.24 | 9145661.68 |
| 41+500 | H-671 | HI-671-MD | 714620.55 | 9145995.66 | 41+500 | H-671 | HI-671-MI | 715172.15 | 9145672.07 |
| 41+550 | H-672 | HI-672-MD | 714667.62 | 9146012.49 | 41+550 | H-672 | HI-672-MI | 715221.31 | 9145678.78 |
| 41+600 | H-673 | HI-673-MD | 714714.83 | 9146028.97 | 41+600 | H-673 | HI-673-MI | 715259.21 | 9145711.27 |
| 41+650 | H-674 | HI-674-MD | 714762.17 | 9146045.06 | 41+650 | H-674 | HI-674-MI | 715301.20 | 9145735.22 |
| 41+700 | H-675 | HI-675-MD | 714809.42 | 9146061.33 | 41+700 | H-675 | HI-675-MI | 715351.20 | 9145735.12 |
| 41+750 | H-676 | HI-676-MD | 714857.88 | 9146073.65 | 41+750 | H-676 | HI-676-MI | 715401.06 | 9145737.64 |
| 41+800 | H-677 | HI-677-MD | 714906.26 | 9146086.23 | 41+800 | H-677 | HI-677-MI | 715450.78 | 9145742.95 |
| 41+850 | H-678 | HI-678-MD | 714954.23 | 9146100.31 | 41+850 | H-678 | HI-678-MI | 715500.50 | 9145748.25 |
| 41+900 | H-679 | HI-679-MD | 715002.73 | 9146112.43 | 41+900 | H-679 | HI-679-MI | 715549.42 | 9145757.50 |
| 41+950 | H-680 | HI-680-MD | 715050.80 | 9146126.15 | 41+950 | H-680 | HI-680-MI | 715596.89 | 9145773.13 |
| 42+000 | H-681 | HI-681-MD | 715098.14 | 9146142.23 | 42+000 | H-681 | HI-681-MI | 715643.91 | 9145790.15 |
| 42+050 | H-682 | HI-682-MD | 715145.46 | 9146158.37 | 42+050 | H-682 | HI-682-MI | 715680.39 | 9145824.29 |
| 42+100 | H-683 | HI-683-MD | 715192.75 | 9146174.58 | 42+100 | H-683 | HI-683-MI | 715702.21 | 9145867.19 |
| 42+150 | H-684 | HI-684-MD | 715239.68 | 9146191.81 | 42+150 | H-684 | HI-684-MI | 715741.34 | 9145898.00 |
| 42+200 | H-685 | HI-685-MD | 715287.11 | 9146207.62 | 42+200 | H-685 | HI-685-MI | 715780.87 | 9145928.60 |
| 42+250 | H-686 | HI-686-MD | 715334.61 | 9146223.24 | 42+250 | H-686 | HI-686-MI | 715826.09 | 9145949.06 |
| 42+300 | H-687 | HI-687-MD | 715381.94 | 9146239.38 | 42+300 | H-687 | HI-687-MI | 715849.95 | 9145989.07 |
| 42+350 | H-688 | HI-688-MD | 715429.22 | 9146255.63 | 42+350 | H-688 | HI-688-MI | 715856.56 | 9146038.64 |
| 42+400 | H-689 | HI-689-MD | 715476.55 | 9146271.76 | 42+400 | H-689 | HI-689-MI | 715863.18 | 9146088.20 |
| 42+450 | H-690 | HI-690-MD | 715524.04 | 9146287.38 | 42+450 | H-690 | HI-690-MI | 715894.59 | 9146119.80 |
| 42+500 | H-691 | HI-691-MD | 715571.22 | 9146303.92 | 42+500 | H-691 | HI-691-MI | 715941.22 | 9146137.80 |
| 42+550 | H-692 | HI-692-MD | 715618.38 | 9146320.54 | 42+550 | H-692 | HI-692-MI | 715988.12 | 9146155.14 |
| 42+600 | H-693 | HI-693-MD | 715665.58 | 9146337.03 | 42+600 | H-693 | HI-693-MI | 716035.07 | 9146172.33 |
| 42+650 | H-694 | HI-694-MD | 715712.99 | 9146352.92 | 42+650 | H-694 | HI-694-MI | 716082.13 | 9146189.21 |
| 42+700 | H-695 | HI-695-MD | 715761.11 | 9146366.36 | 42+700 | H-695 | HI-695-MI | 716129.12 | 9146206.31 |
| 42+750 | H-696 | HI-696-MD | 715809.96 | 9146377.02 | 42+750 | H-696 | HI-696-MI | 716175.95 | 9146223.82 |
| 42+800 | H-697 | HI-697-MD | 715859.24 | 9146385.47 | 42+800 | H-697 | HI-697-MI | 716222.92 | 9146240.96 |
| 42+850 | H-698 | HI-698-MD | 715908.57 | 9146393.62 | 42+850 | H-698 | HI-698-MI | 716269.97 | 9146257.86 |
| 42+900 | H-699 | HI-699-MD | 715957.78 | 9146402.47 | 42+900 | H-699 | HI-699-MI | 716317.69 | 9146272.77 |
| 42+950 | H-700 | HI-700-MD | 716006.97 | 9146411.42 | 42+950 | H-700 | HI-700-MI | 716366.85 | 9146278.90 |
| 43+000 | H-701 | HI-701-MD | 716056.21 | 9146420.13 | 43+000 | H-701 | HI-701-MI | 716416.84 | 9146279.90 |
| 43+050 | H-702 | HI-702-MD | 716105.49 | 9146428.56 | 43+050 | H-702 | HI-702-MI | 716465.75 | 9146269.62 |
| 43+100 | H-703 | HI-703-MD | 716155.06 | 9146434.92 | 43+100 | H-703 | HI-703-MI | 716514.91 | 9146260.55 |
| 43+150 | H-704 | HI-704-MD | 716204.16 | 9146444.37 | 43+150 | H-704 | HI-704-MI | 716564.18 | 9146252.00 |
| 43+200 | H-705 | HI-705-MD | 716253.47 | 9146452.62 | 43+200 | H-705 | HI-705-MI | 716613.49 | 9146243.74 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 43+250 | H-706 | HI-706-MD | 716302.79 | 9146460.86 | 43+250 | H-706 | HI-706-MI | 716662.79 | 9146235.42 |
| 43+300 | H-707 | HI-707-MD | 716351.93 | 9146470.08 | 43+300 | H-707 | HI-707-MI | 716712.10 | 9146227.12 |
| 43+350 | H-708 | HI-708-MD | 716401.44 | 9146476.56 | 43+350 | H-708 | HI-708-MI | 716761.37 | 9146218.62 |
| 43+400 | H-709 | HI-709-MD | 716447.04 | 9146493.61 | 43+400 | H-709 | HI-709-MI | 716810.61 | 9146209.92 |
| 43+450 | H-710 | HI-710-MD | 716491.46 | 9146516.44 | 43+450 | H-710 | HI-710-MI | 716859.87 | 9146201.35 |
| 43+500 | H-711 | HI-711-MD | 716536.67 | 9146537.74 | 43+500 | H-711 | HI-711-MI | 716908.89 | 9146192.04 |
| 43+550 | H-712 | HI-712-MD | 716583.96 | 9146551.53 | 43+550 | H-712 | HI-712-MI | 716955.70 | 9146174.48 |
| 43+600 | H-713 | HI-713-MD | 716633.94 | 9146550.66 | 43+600 | H-713 | HI-713-MI | 717002.69 | 9146157.38 |
| 43+650 | H-714 | HI-714-MD | 716682.68 | 9146540.45 | 43+650 | H-714 | HI-714-MI | 717049.76 | 9146140.52 |
| 43+700 | H-715 | HI-715-MD | 716729.53 | 9146522.97 | 43+700 | H-715 | HI-715-MI | 717096.97 | 9146124.05 |
| 43+750 | H-716 | HI-716-MD | 716776.23 | 9146505.12 | 43+750 | H-716 | HI-716-MI | 717144.62 | 9146108.99 |
| 43+800 | H-717 | HI-717-MD | 716822.76 | 9146486.80 | 43+800 | H-717 | HI-717-MI | 717193.82 | 9146100.24 |
| 43+850 | H-718 | HI-718-MD | 716869.76 | 9146469.78 | 43+850 | H-718 | HI-718-MI | 717243.03 | 9146091.57 |
| 43+900 | H-719 | HI-719-MD | 716916.52 | 9146452.08 | 43+900 | H-719 | HI-719-MI | 717291.47 | 9146079.17 |
| 43+950 | H-720 | HI-720-MD | 716963.36 | 9146434.59 | 43+950 | H-720 | HI-720-MI | 717339.45 | 9146065.10 |
| 44+000 | H-721 | HI-721-MD | 717010.40 | 9146417.65 | 44+000 | H-721 | HI-721-MI | 717387.34 | 9146050.76 |
| 44+050 | H-722 | HI-722-MD | 717057.98 | 9146402.28 | 44+050 | H-722 | HI-722-MI | 717435.35 | 9146036.78 |
| 44+100 | H-723 | HI-723-MD | 717105.95 | 9146388.21 | 44+100 | H-723 | HI-723-MI | 717483.57 | 9146023.56 |
| 44+150 | H-724 | HI-724-MD | 717153.51 | 9146372.77 | 44+150 | H-724 | HI-724-MI | 717531.77 | 9146010.27 |
| 44+200 | H-725 | HI-725-MD | 717201.46 | 9146358.62 | 44+200 | H-725 | HI-725-MI | 717580.02 | 9145997.17 |
| 44+250 | H-726 | HI-726-MD | 717249.41 | 9146344.45 | 44+250 | H-726 | HI-726-MI | 717628.02 | 9145983.19 |
| 44+300 | H-727 | HI-727-MD | 717297.15 | 9146329.61 | 44+300 | H-727 | HI-727-MI | 717675.18 | 9145967.71 |
| 44+350 | H-728 | HI-728-MD | 717345.27 | 9146316.07 | 44+350 | H-728 | HI-728-MI | 717717.58 | 9145941.22 |
| 44+400 | H-729 | HI-729-MD | 717393.03 | 9146301.30 | 44+400 | H-729 | HI-729-MI | 717759.46 | 9145913.90 |
| 44+450 | H-730 | HI-730-MD | 717440.77 | 9146286.44 | 44+450 | H-730 | HI-730-MI | 717801.21 | 9145886.39 |
| 44+500 | H-731 | HI-731-MD | 717488.54 | 9146271.66 | 44+500 | H-731 | HI-731-MI | 717843.10 | 9145859.10 |
| 44+550 | H-732 | HI-732-MD | 717536.66 | 9146258.09 | 44+550 | H-732 | HI-732-MI | 717885.17 | 9145832.08 |
| 44+600 | H-733 | HI-733-MD | 717584.78 | 9146244.52 | 44+600 | H-733 | HI-733-MI | 717928.82 | 9145807.78 |
| 44+650 | H-734 | HI-734-MD | 717631.60 | 9146227.37 | 44+650 | H-734 | HI-734-MI | 717974.53 | 9145787.53 |
| 44+700 | H-735 | HI-735-MD | 717662.35 | 9146188.65 | 44+700 | H-735 | HI-735-MI | 718022.13 | 9145772.44 |
| 44+750 | H-736 | HI-736-MD | 717690.01 | 9146147.44 | 44+750 | H-736 | HI-736-MI | 718070.14 | 9145758.46 |
| 44+800 | H-737 | HI-737-MD | 717727.25 | 9146114.54 | 44+800 | H-737 | HI-737-MI | 718112.84 | 9145734.59 |
| 44+850 | H-738 | HI-738-MD | 717765.13 | 9146082.42 | 44+850 | H-738 | HI-738-MI | 718160.66 | 9145720.30 |
| 44+900 | H-739 | HI-739-MD | 717809.76 | 9146062.10 | 44+900 | H-739 | HI-739-MI | 718208.69 | 9145706.42 |
| 44+950 | H-740 | HI-740-MD | 717858.87 | 9146053.29 | 44+950 | H-740 | HI-740-MI | 718256.73 | 9145692.55 |
| 45+000 | H-741 | HI-741-MD | 717907.80 | 9146046.21 | 45+000 | H-741 | HI-741-MI | 718304.77 | 9145678.68 |
| 45+050 | H-742 | HI-742-MD | 717944.20 | 9146078.89 | 45+050 | H-742 | HI-742-MI | 718354.22 | 9145671.92 |
| 45+100 | H-743 | HI-743-MD | 717985.68 | 9146104.85 | 45+100 | H-743 | HI-743-MI | 718403.76 | 9145665.30 |
| 45+150 | H-744 | HI-744-MD | 718001.88 | 9146150.42 | 45+150 | H-744 | HI-744-MI | 718453.46 | 9145664.64 |
| 45+200 | H-745 | HI-745-MD | 718020.63 | 9146192.27 | 45+200 | H-745 | HI-745-MI | 718501.71 | 9145651.53 |
| 45+250 | H-746 | HI-746-MD | 718066.15 | 9146212.70 | 45+250 | H-746 | HI-746-MI | 718550.09 | 9145638.90 |
| 45+300 | H-747 | HI-747-MD | 718115.29 | 9146218.21 | 45+300 | H-747 | HI-747-MI | 718598.57 | 9145626.67 |
| 45+350 | H-748 | HI-748-MD | 718160.51 | 9146198.82 | 45+350 | H-748 | HI-748-MI | 718647.05 | 9145614.44 |
| 45+400 | H-749 | HI-749-MD | 718198.11 | 9146166.18 | 45+400 | H-749 | HI-749-MI | 718696.01 | 9145604.35 |
| 45+450 | H-750 | HI-750-MD | 718231.19 | 9146128.76 | 45+450 | H-750 | HI-750-MI | 718745.04 | 9145594.55 |
| 45+500 | H-751 | HI-751-MD | 718264.56 | 9146091.52 | 45+500 | H-751 | HI-751-MI | 718792.83 | 9145579.94 |
| 45+550 | H-752 | HI-752-MD | 718300.92 | 9146057.37 | 45+550 | H-752 | HI-752-MI | 718840.51 | 9145564.87 |
| 45+600 | H-753 | HI-753-MD | 718342.01 | 9146028.93 | 45+600 | H-753 | HI-753-MI | 718887.15 | 9145546.92 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 45+650 | H-754 | HI-754-MD | 718386.27 | 9146005.96 | 45+650 | H-754 | HI-754-MI | 718933.90 | 9145529.29 |
| 45+700 | H-755 | HI-755-MD | 718431.59 | 9145984.83 | 45+700 | H-755 | HI-755-MI | 718981.66 | 9145514.91 |
| 45+750 | H-756 | HI-756-MD | 718477.44 | 9145964.90 | 45+750 | H-756 | HI-756-MI | 719031.58 | 9145512.05 |
| 45+800 | H-757 | HI-757-MD | 718524.23 | 9145947.40 | 45+800 | H-757 | HI-757-MI | 719081.55 | 9145510.83 |
| 45+850 | H-758 | HI-758-MD | 718571.70 | 9145931.69 | 45+850 | H-758 | HI-758-MI | 719129.50 | 9145501.04 |
| 45+900 | H-759 | HI-759-MD | 718619.23 | 9145916.19 | 45+900 | H-759 | HI-759-MI | 719176.28 | 9145500.26 |
| 45+950 | H-760 | HI-760-MD | 718667.20 | 9145902.08 | 45+950 | H-760 | HI-760-MI | 719221.36 | 9145521.88 |
| 46+000 | H-761 | HI-761-MD | 718715.32 | 9145888.51 | 46+000 | H-761 | HI-761-MI | 719266.26 | 9145539.70 |
| 46+050 | H-762 | HI-762-MD | 718763.79 | 9145876.60 | 46+050 | H-762 | HI-762-MI | 719301.91 | 9145505.75 |
| 46+100 | H-763 | HI-763-MD | 718813.33 | 9145872.10 | 46+100 | H-763 | HI-763-MI | 719342.06 | 9145479.03 |
| 46+150 | H-764 | HI-764-MD | 718861.34 | 9145885.99 | 46+150 | H-764 | HI-764-MI | 719373.86 | 9145444.68 |
| 46+200 | H-765 | HI-765-MD | 718909.33 | 9145900.04 | 46+200 | H-765 | HI-765-MI | 719422.77 | 9145455.05 |
| 46+250 | H-766 | HI-766-MD | 718958.88 | 9145898.73 | 46+250 | H-766 | HI-766-MI | 719471.69 | 9145465.41 |
| 46+300 | H-767 | HI-767-MD | 719008.63 | 9145897.35 | 46+300 | H-767 | HI-767-MI | 719520.60 | 9145475.77 |
| 46+350 | H-768 | HI-768-MD | 719054.02 | 9145879.05 | 46+350 | H-768 | HI-768-MI | 719570.03 | 9145479.32 |
| 46+400 | H-769 | HI-769-MD | 719100.25 | 9145860.42 | 46+400 | H-769 | HI-769-MI | 719619.59 | 9145481.94 |
| 46+450 | H-770 | HI-770-MD | 719146.83 | 9145875.10 | 46+450 | H-770 | HI-770-MI | 719669.22 | 9145486.18 |
| 46+500 | H-771 | HI-771-MD | 719196.42 | 9145877.88 | 46+500 | H-771 | HI-771-MI | 719718.09 | 9145478.62 |
| 46+550 | H-772 | HI-772-MD | 719242.37 | 9145893.96 | 46+550 | H-772 | HI-772-MI | 719764.11 | 9145460.63 |
| 46+600 | H-773 | HI-773-MD | 719286.63 | 9145916.80 | 46+600 | H-773 | HI-773-MI | 719810.28 | 9145441.83 |
| 46+650 | H-774 | HI-774-MD | 719334.11 | 9145931.94 | 46+650 | H-774 | HI-774-MI | 719850.40 | 9145412.29 |
| 46+700 | H-775 | HI-775-MD | 719381.76 | 9145937.12 | 46+700 | H-775 | HI-775-MI | 719891.21 | 9145383.58 |
| 46+750 | H-776 | HI-776-MD | 719428.91 | 9145923.29 | 46+750 | H-776 | HI-776-MI | 719937.17 | 9145363.88 |
| 46+800 | H-777 | HI-777-MD | 719477.10 | 9145920.67 | 46+800 | H-777 | HI-777-MI | 719986.25 | 9145360.24 |
| 46+850 | H-778 | HI-778-MD | 719524.49 | 9145935.39 | 46+850 | H-778 | HI-778-MI | 720035.56 | 9145367.10 |
| 46+900 | H-779 | HI-779-MD | 719569.42 | 9145953.16 | 46+900 | H-779 | HI-779-MI | 720084.63 | 9145376.60 |
| 46+950 | H-780 | HI-780-MD | 719608.26 | 9145984.65 | 46+950 | H-780 | HI-780-MI | 720130.80 | 9145387.53 |
| 47+000 | H-781 | HI-781-MD | 719655.15 | 9145999.81 | 47+000 | H-781 | HI-781-MI | 720176.06 | 9145405.39 |
| 47+050 | H-782 | HI-782-MD | 719704.39 | 9146000.05 | 47+050 | H-782 | HI-782-MI | 720221.95 | 9145424.95 |
| 47+100 | H-783 | HI-783-MD | 719753.19 | 9146002.10 | 47+100 | H-783 | HI-783-MI | 720258.22 | 9145458.70 |
| 47+150 | H-784 | HI-784-MD | 719800.69 | 9146017.72 | 47+150 | H-784 | HI-784-MI | 720304.58 | 9145477.34 |
| 47+200 | H-785 | HI-785-MD | 719848.18 | 9146033.35 | 47+200 | H-785 | HI-785-MI | 720342.24 | 9145506.80 |
| 47+250 | H-786 | HI-786-MD | 719896.55 | 9146045.75 | 47+250 | H-786 | HI-786-MI | 720361.88 | 9145552.12 |
| 47+300 | H-787 | HI-787-MD | 719945.67 | 9146054.67 | 47+300 | H-787 | HI-787-MI | 720366.80 | 9145601.45 |
| 47+350 | H-788 | HI-788-MD | 719995.51 | 9146058.47 | 47+350 | H-788 | HI-788-MI | 720382.21 | 9145648.85 |
| 47+400 | H-789 | HI-789-MD | 720045.31 | 9146059.53 | 47+400 | H-789 | HI-789-MI | 720414.64 | 9145681.47 |
| 47+450 | H-790 | HI-790-MD | 720093.93 | 9146071.18 | 47+450 | H-790 | HI-790-MI | 720462.57 | 9145695.58 |
| 47+500 | H-791 | HI-791-MD | 720137.71 | 9146094.17 | 47+500 | H-791 | HI-791-MI | 720509.92 | 9145711.64 |
| 47+550 | H-792 | HI-792-MD | 720183.72 | 9146107.99 | 47+550 | H-792 | HI-792-MI | 720557.26 | 9145727.74 |
| 47+600 | H-793 | HI-793-MD | 720231.27 | 9146092.53 | 47+600 | H-793 | HI-793-MI | 720603.68 | 9145746.31 |
| 47+650 | H-794 | HI-794-MD | 720274.95 | 9146068.20 | 47+650 | H-794 | HI-794-MI | 720649.90 | 9145765.36 |
| 47+700 | H-795 | HI-795-MD | 720323.01 | 9146054.85 | 47+700 | H-795 | HI-795-MI | 720695.79 | 9145785.23 |
| 47+750 | H-796 | HI-796-MD | 720368.16 | 9146033.59 | 47+750 | H-796 | HI-796-MI | 720741.62 | 9145805.21 |
| 47+800 | H-797 | HI-797-MD | 720416.16 | 9146021.89 | 47+800 | H-797 | HI-797-MI | 720787.37 | 9145825.38 |
| 47+850 | H-798 | HI-798-MD | 720465.03 | 9146012.62 | 47+850 | H-798 | HI-798-MI | 720833.06 | 9145845.69 |
| 47+900 | H-799 | HI-799-MD | 720512.29 | 9146017.13 | 47+900 | H-799 | HI-799-MI | 720878.75 | 9145865.99 |
| 47+950 | H-800 | HI-800-MD | 720545.92 | 9146049.23 | 47+950 | H-800 | HI-800-MI | 720921.76 | 9145891.47 |
| 48+000 | H-801 | HI-801-MD | 720579.01 | 9146085.57 | 48+000 | H-801 | HI-801-MI | 720965.18 | 9145916.25 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|-----------------------|-------|-----------|-----------|------------|-------------------------|-------|-----------|-----------|------------|
| 48+050 | H-802 | HI-802-MD | 720612.10 | 9146123.04 | 48+050 | H-802 | HI-802-MI | 721009.44 | 9145939.49 |
| 48+100 | H-803 | HI-803-MD | 720650.97 | 9146151.64 | 48+100 | H-803 | HI-803-MI | 721054.18 | 9145961.82 |
| 48+150 | H-804 | HI-804-MD | 720660.10 | 9146199.85 | 48+150 | H-804 | HI-804-MI | 721099.65 | 9145982.52 |
| 48+200 | H-805 | HI-805-MD | 720688.18 | 9146238.01 | 48+200 | H-805 | HI-805-MI | 721144.38 | 9146004.34 |
| 48+250 | H-806 | HI-806-MD | 720705.65 | 9146281.33 | 48+250 | H-806 | HI-806-MI | 721185.91 | 9146032.19 |
| 48+300 | H-807 | HI-807-MD | 720744.53 | 9146311.98 | 48+300 | H-807 | HI-807-MI | 721227.44 | 9146060.04 |
| 48+350 | H-808 | HI-808-MD | 720775.53 | 9146351.09 | 48+350 | H-808 | HI-808-MI | 721268.96 | 9146087.88 |
| 48+400 | H-809 | HI-809-MD | 720800.39 | 9146394.34 | 48+400 | H-809 | HI-809-MI | 721310.49 | 9146115.73 |
| 48+450 | H-810 | HI-810-MD | 720844.93 | 9146413.31 | 48+450 | H-810 | HI-810-MI | 721352.01 | 9146143.59 |
| 48+500 | H-811 | HI-811-MD | 720893.85 | 9146407.08 | 48+500 | H-811 | HI-811-MI | 721393.15 | 9146171.92 |
| 48+550 | H-812 | HI-812-MD | 720943.42 | 9146407.65 | 48+550 | H-812 | HI-812-MI | 721427.72 | 9146208.04 |
| 48+600 | H-813 | HI-813-MD | 720992.60 | 9146415.01 | 48+600 | H-813 | HI-813-MI | 721462.30 | 9146244.16 |
| 48+650 | H-814 | HI-814-MD | 721042.00 | 9146413.43 | 48+650 | H-814 | HI-814-MI | 721492.97 | 9146283.64 |
| 48+700 | H-815 | HI-815-MD | 721090.17 | 9146425.80 | 48+700 | H-815 | HI-815-MI | 721523.14 | 9146323.49 |
| 48+750 | H-816 | HI-816-MD | 721127.85 | 9146449.82 | 48+750 | H-816 | HI-816-MI | 721550.89 | 9146365.09 |
| 48+800 | H-817 | HI-817-MD | 721168.96 | 9146477.97 | 48+800 | H-817 | HI-817-MI | 721578.64 | 9146406.68 |
| 48+850 | H-818 | HI-818-MD | 721210.09 | 9146506.38 | 48+850 | H-818 | HI-818-MI | 721599.77 | 9146451.76 |
| 48+900 | H-819 | HI-819-MD | 721249.84 | 9146536.70 | 48+900 | H-819 | HI-819-MI | 721618.39 | 9146498.16 |
| 48+950 | H-820 | HI-820-MD | 721289.36 | 9146567.33 | 48+950 | H-820 | HI-820-MI | 721637.16 | 9146544.50 |
| 49+000 | H-821 | HI-821-MD | 721327.74 | 9146599.37 | 49+000 | H-821 | HI-821-MI | 721655.50 | 9146591.01 |
| 49+050 | H-822 | HI-822-MD | 721346.08 | 9146645.57 | 49+050 | H-822 | HI-822-MI | 721680.21 | 9146634.35 |
| 49+100 | H-823 | HI-823-MD | 721357.57 | 9146692.91 | 49+100 | H-823 | HI-823-MI | 721716.60 | 9146667.60 |
| 49+150 | H-824 | HI-824-MD | 721354.77 | 9146741.13 | 49+150 | H-824 | HI-824-MI | 721751.19 | 9146702.94 |
| 49+200 | H-825 | HI-825-MD | 721331.56 | 9146785.14 | 49+200 | H-825 | HI-825-MI | 721778.65 | 9146743.94 |
| 49+250 | H-826 | HI-826-MD | 721309.24 | 9146829.70 | 49+250 | H-826 | HI-826-MI | 721798.57 | 9146785.51 |
| 49+300 | H-827 | HI-827-MD | 721296.90 | 9146877.78 | 49+300 | H-827 | HI-827-MI | 721814.45 | 9146832.68 |
| 49+350 | H-828 | HI-828-MD | 721306.95 | 9146926.02 | 49+350 | H-828 | HI-828-MI | 721823.17 | 9146880.14 |
| 49+400 | H-829 | HI-829-MD | 721315.39 | 9146972.00 | 49+400 | H-829 | HI-829-MI | 721834.27 | 9146925.78 |
| 49+450 | H-830 | HI-830-MD | 721303.21 | 9147019.89 | 49+450 | H-830 | HI-830-MI | 721847.14 | 9146970.79 |
| 49+500 | H-831 | HI-831-MD | 721297.12 | 9147069.46 | 49+500 | H-831 | HI-831-MI | 721843.03 | 9147018.13 |
| 49+550 | H-832 | HI-832-MD | 721295.80 | 9147118.45 | 49+550 | H-832 | HI-832-MI | 721825.74 | 9147063.48 |
| 49+600 | H-833 | HI-833-MD | 721319.12 | 9147160.51 | 49+600 | H-833 | HI-833-MI | 721804.89 | 9147108.54 |
| 49+650 | H-834 | HI-834-MD | 721332.93 | 9147206.98 | 49+650 | H-834 | HI-834-MI | 721836.33 | 9147146.08 |
| 49+700 | H-835 | HI-835-MD | 721333.81 | 9147256.97 | 49+700 | H-835 | HI-835-MI | 721857.00 | 9147190.56 |
| 49+750 | H-836 | HI-836-MD | 721336.50 | 9147306.89 | 49+750 | H-836 | HI-836-MI | 721873.18 | 9147237.87 |
| 49+800 | H-837 | HI-837-MD | 721336.13 | 9147356.86 | 49+800 | H-837 | HI-837-MI | 721887.88 | 9147285.63 |
| 49+850 | H-838 | HI-838-MD | 721327.02 | 9147405.85 | 49+850 | H-838 | HI-838-MI | 721898.72 | 9147333.49 |
| 49+900 | H-839 | HI-839-MD | 721316.08 | 9147454.25 | 49+900 | H-839 | HI-839-MI | 721907.24 | 9147381.64 |
| 49+950 | H-840 | HI-840-MD | 721316.52 | 9147503.20 | 49+950 | H-840 | HI-840-MI | 721904.78 | 9147431.46 |
| 50+000 | H-841 | HI-841-MD | 721324.06 | 9147551.35 | 50+000 | H-841 | HI-841-MI | 721904.37 | 9147481.34 |
| 50+050 | H-842 | HI-842-MD | 721343.64 | 9147596.69 | 50+050 | H-842 | HI-842-MI | 721921.81 | 9147525.84 |
| 50+100 | H-843 | HI-843-MD | 721377.69 | 9147633.24 | 50+100 | H-843 | HI-843-MI | 721946.59 | 9147569.18 |
| 50+150 | H-844 | HI-844-MD | 721416.11 | 9147664.97 | 50+150 | H-844 | HI-844-MI | 721972.64 | 9147611.39 |
| 50+200 | H-845 | HI-845-MD | 721451.45 | 9147699.90 | 50+200 | H-845 | HI-845-MI | 722006.63 | 9147648.02 |
| 50+250 | H-846 | HI-846-MD | 721475.93 | 9147743.41 | 50+250 | H-846 | HI-846-MI | 722047.41 | 9147673.46 |
| 50+300 | H-847 | HI-847-MD | 721497.81 | 9147788.15 | 50+300 | H-847 | HI-847-MI | 722097.11 | 9147673.55 |
| 50+350 | H-848 | HI-848-MD | 721531.88 | 9147824.58 | 50+350 | H-848 | HI-848-MI | 722144.68 | 9147666.34 |
| 50+400 | H-849 | HI-849-MD | 721563.89 | 9147862.77 | 50+400 | H-849 | HI-849-MI | 722193.37 | 9147671.90 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|-------|-----------|-----------|------------|------------------|-------|-----------|-----------|------------|
| 50+450 | H-850 | HI-850-MD | 721603.44 | 9147893.17 | 50+450 | H-850 | HI-850-MI | 722235.03 | 9147697.88 |
| 50+500 | H-851 | HI-851-MD | 721625.19 | 9147935.27 | 50+500 | H-851 | HI-851-MI | 722271.05 | 9147728.75 |
| 50+550 | H-852 | HI-852-MD | 721641.38 | 9147981.95 | 50+550 | H-852 | HI-852-MI | 722320.21 | 9147737.21 |
| 50+600 | H-853 | HI-853-MD | 721669.97 | 9148022.60 | 50+600 | H-853 | HI-853-MI | 722363.91 | 9147758.81 |
| 50+650 | H-854 | HI-854-MD | 721705.26 | 9148057.90 | 50+650 | H-854 | HI-854-MI | 722397.77 | 9147795.55 |
| 50+700 | H-855 | HI-855-MD | 721740.90 | 9148092.00 | 50+700 | H-855 | HI-855-MI | 722430.28 | 9147833.53 |
| 50+750 | H-856 | HI-856-MD | 721772.14 | 9148129.92 | 50+750 | H-856 | HI-856-MI | 722456.06 | 9147875.79 |
| 50+800 | H-857 | HI-857-MD | 721792.88 | 9148174.44 | 50+800 | H-857 | HI-857-MI | 722473.22 | 9147922.47 |
| 50+850 | H-858 | HI-858-MD | 721813.06 | 9148218.83 | 50+850 | H-858 | HI-858-MI | 722478.35 | 9147972.13 |
| 50+900 | H-859 | HI-859-MD | 721844.29 | 9148257.80 | 50+900 | H-859 | HI-859-MI | 722469.52 | 9148021.06 |
| 50+950 | H-860 | HI-860-MD | 721875.15 | 9148296.47 | 50+950 | H-860 | HI-860-MI | 722480.72 | 9148065.38 |
| 51+000 | H-861 | HI-861-MD | 721917.29 | 9148322.67 | 51+000 | H-861 | HI-861-MI | 722519.78 | 9148096.28 |
| 51+050 | H-862 | HI-862-MD | 721965.23 | 9148336.79 | 51+050 | H-862 | HI-862-MI | 722566.74 | 9148108.13 |
| 51+100 | H-863 | HI-863-MD | 722006.13 | 9148361.87 | 51+100 | H-863 | HI-863-MI | 722616.15 | 9148103.04 |
| 51+150 | H-864 | HI-864-MD | 722055.30 | 9148369.13 | 51+150 | H-864 | HI-864-MI | 722661.99 | 9148104.72 |
| 51+200 | H-865 | HI-865-MD | 722098.58 | 9148392.26 | 51+200 | H-865 | HI-865-MI | 722693.46 | 9148143.14 |
| 51+250 | H-866 | HI-866-MD | 722146.62 | 9148403.82 | 51+250 | H-866 | HI-866-MI | 722706.18 | 9148190.92 |
| 51+300 | H-867 | HI-867-MD | 722196.48 | 9148405.30 | 51+300 | H-867 | HI-867-MI | 722728.41 | 9148232.18 |
| 51+350 | H-868 | HI-868-MD | 722243.51 | 9148420.02 | 51+350 | H-868 | HI-868-MI | 722759.15 | 9148267.38 |
| 51+400 | H-869 | HI-869-MD | 722289.85 | 9148438.48 | 51+400 | H-869 | HI-869-MI | 722801.60 | 9148268.90 |
| 51+450 | H-870 | HI-870-MD | 722332.91 | 9148463.88 | 51+450 | H-870 | HI-870-MI | 722847.82 | 9148286.14 |
| 51+500 | H-871 | HI-871-MD | 722375.22 | 9148490.06 | 51+500 | H-871 | HI-871-MI | 722884.63 | 9148319.98 |
| 51+550 | H-872 | HI-872-MD | 722410.34 | 9148525.55 | 51+550 | H-872 | HI-872-MI | 722928.51 | 9148343.06 |
| 51+600 | H-873 | HI-873-MD | 722435.23 | 9148567.77 | 51+600 | H-873 | HI-873-MI | 722974.39 | 9148362.93 |
| 51+650 | H-874 | HI-874-MD | 722436.21 | 9148607.56 | 51+650 | H-874 | HI-874-MI | 723018.61 | 9148386.20 |
| 51+700 | H-875 | HI-875-MD | 722458.90 | 9148651.94 | 51+700 | H-875 | HI-875-MI | 723059.25 | 9148415.33 |
| 51+750 | H-876 | HI-876-MD | 722485.43 | 9148692.53 | 51+750 | H-876 | HI-876-MI | 723099.76 | 9148444.62 |
| 51+800 | H-877 | HI-877-MD | 722493.86 | 9148739.87 | 51+800 | H-877 | HI-877-MI | 723135.17 | 9148479.79 |
| 51+850 | H-878 | HI-878-MD | 722523.25 | 9148779.85 | 51+850 | H-878 | HI-878-MI | 723169.98 | 9148515.69 |
| 51+900 | H-879 | HI-879-MD | 722562.39 | 9148810.91 | 51+900 | H-879 | HI-879-MI | 723203.01 | 9148553.17 |
| 51+950 | H-880 | HI-880-MD | 722607.99 | 9148818.25 | 51+950 | H-880 | HI-880-MI | 723240.98 | 9148582.66 |
| 52+000 | H-881 | HI-881-MD | 722657.46 | 9148816.61 | 52+000 | H-881 | HI-881-MI | 723276.50 | 9148617.69 |
| 52+050 | H-882 | HI-882-MD | 722700.21 | 9148816.60 | 52+050 | H-882 | HI-882-MI | 723306.10 | 9148657.96 |
| 52+100 | H-883 | HI-883-MD | 722729.51 | 9148856.72 | 52+100 | H-883 | HI-883-MI | 723346.71 | 9148684.34 |
| 52+150 | H-884 | HI-884-MD | 722751.40 | 9148901.56 | 52+150 | H-884 | HI-884-MI | 723395.77 | 9148693.83 |
| 52+200 | H-885 | HI-885-MD | 722771.74 | 9148947.23 | 52+200 | H-885 | HI-885-MI | 723441.19 | 9148713.66 |
| 52+250 | H-886 | HI-886-MD | 722805.21 | 9148980.63 | 52+250 | H-886 | HI-886-MI | 723483.24 | 9148740.62 |
| 52+300 | H-887 | HI-887-MD | 722850.45 | 9149000.23 | 52+300 | H-887 | HI-887-MI | 723523.79 | 9148769.87 |
| 52+350 | H-888 | HI-888-MD | 722867.56 | 9149045.15 | 52+350 | H-888 | HI-888-MI | 723568.29 | 9148792.13 |
| 52+400 | H-889 | HI-889-MD | 722893.78 | 9149086.12 | 52+400 | H-889 | HI-889-MI | 723603.19 | 9148824.37 |
| 52+450 | H-890 | HI-890-MD | 722929.72 | 9149120.42 | 52+450 | H-890 | HI-890-MI | 723616.00 | 9148872.61 |
| 52+500 | H-891 | HI-891-MD | 722942.14 | 9149165.37 | 52+500 | H-891 | HI-891-MI | 723624.23 | 9148921.91 |
| 52+550 | H-892 | HI-892-MD | 722958.31 | 9149212.02 | 52+550 | H-892 | HI-892-MI | 723633.42 | 9148971.06 |
| 52+600 | H-893 | HI-893-MD | 722986.07 | 9149253.32 | 52+600 | H-893 | HI-893-MI | 723642.94 | 9149020.15 |
| 52+650 | H-894 | HI-894-MD | 723009.89 | 9149297.00 | 52+650 | H-894 | HI-894-MI | 723660.83 | 9149066.11 |
| 52+700 | H-895 | HI-895-MD | 723048.88 | 9149327.59 | 52+700 | H-895 | HI-895-MI | 723704.57 | 9149089.69 |
| 52+750 | H-896 | HI-896-MD | 723089.23 | 9149357.07 | 52+750 | H-896 | HI-896-MI | 723752.65 | 9149103.19 |
| 52+800 | H-897 | HI-897-MD | 723126.33 | 9149390.38 | 52+800 | H-897 | HI-897-MI | 723797.32 | 9149125.41 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|-----------------------|-------|-----------|-----------|------------|-------------------------|-------|-----------|-----------|------------|
| 52+850 | H-898 | HI-898-MD | 723151.17 | 9149433.40 | 52+850 | H-898 | HI-898-MI | 723838.89 | 9149153.20 |
| 52+900 | H-899 | HI-899-MD | 723170.25 | 9149479.50 | 52+900 | H-899 | HI-899-MI | 723884.20 | 9149173.66 |
| 52+950 | H-900 | HI-900-MD | 723205.33 | 9149514.72 | 52+950 | H-900 | HI-900-MI | 723931.80 | 9149188.98 |
| 53+000 | H-901 | HI-901-MD | 723245.94 | 9149543.80 | 53+000 | H-901 | HI-901-MI | 723977.61 | 9149208.24 |
| 53+050 | H-902 | HI-902-MD | 723292.42 | 9149561.43 | 53+050 | H-902 | HI-902-MI | 724008.59 | 9149247.09 |
| 53+100 | H-903 | HI-903-MD | 723340.49 | 9149571.41 | 53+100 | H-903 | HI-903-MI | 724036.63 | 9149288.49 |
| 53+150 | H-904 | HI-904-MD | 723363.72 | 9149613.72 | 53+150 | H-904 | HI-904-MI | 724064.77 | 9149329.82 |
| 53+200 | H-905 | HI-905-MD | 723371.19 | 9149661.87 | 53+200 | H-905 | HI-905-MI | 724093.69 | 9149370.61 |
| 53+250 | H-906 | HI-906-MD | 723373.50 | 9149711.30 | 53+250 | H-906 | HI-906-MI | 724131.80 | 9149402.33 |
| 53+300 | H-907 | HI-907-MD | 723379.66 | 9149760.83 | 53+300 | H-907 | HI-907-MI | 724169.85 | 9149430.65 |
| 53+350 | H-908 | HI-908-MD | 723395.63 | 9149808.21 | 53+350 | H-908 | HI-908-MI | 724149.34 | 9149474.40 |
| 53+400 | H-909 | HI-909-MD | 723416.98 | 9149852.94 | 53+400 | H-909 | HI-909-MI | 724175.14 | 9149516.15 |
| 53+450 | H-910 | HI-910-MD | 723444.94 | 9149894.38 | 53+450 | H-910 | HI-910-MI | 724212.22 | 9149547.98 |
| 53+500 | H-911 | HI-911-MD | 723473.77 | 9149935.24 | 53+500 | H-911 | HI-911-MI | 724252.03 | 9149576.43 |
| 53+550 | H-912 | HI-912-MD | 723501.40 | 9149976.90 | 53+550 | H-912 | HI-912-MI | 724269.30 | 9149621.20 |
| 53+600 | H-913 | HI-913-MD | 723537.94 | 9150010.81 | 53+600 | H-913 | HI-913-MI | 724278.79 | 9149670.02 |
| 53+650 | H-914 | HI-914-MD | 723575.95 | 9150043.12 | 53+650 | H-914 | HI-914-MI | 724287.51 | 9149719.04 |
| 53+700 | H-915 | HI-915-MD | 723612.63 | 9150076.92 | 53+700 | H-915 | HI-915-MI | 724308.50 | 9149764.22 |
| 53+750 | H-916 | HI-916-MD | 723654.53 | 9150104.11 | 53+750 | H-916 | HI-916-MI | 724331.52 | 9149808.60 |
| 53+800 | H-917 | HI-917-MD | 723689.24 | 9150139.44 | 53+800 | H-917 | HI-917-MI | 724347.20 | 9149854.53 |
| 53+850 | H-918 | HI-918-MD | 723722.60 | 9150176.22 | 53+850 | H-918 | HI-918-MI | 724350.37 | 9149903.00 |
| 53+900 | H-919 | HI-919-MD | 723751.79 | 9150215.90 | 53+900 | H-919 | HI-919-MI | 724334.26 | 9149950.06 |
| 53+950 | H-920 | HI-920-MD | 723760.06 | 9150263.24 | 53+950 | H-920 | HI-920-MI | 724319.18 | 9149996.22 |
| 54+000 | H-921 | HI-921-MD | 723736.97 | 9150306.69 | 54+000 | H-921 | HI-921-MI | 724342.80 | 9150038.15 |
| 54+050 | H-922 | HI-922-MD | 723731.40 | 9150355.81 | 54+050 | H-922 | HI-922-MI | 724371.37 | 9150076.60 |
| 54+100 | H-923 | HI-923-MD | 723736.46 | 9150405.55 | 54+100 | H-923 | HI-923-MI | 724376.11 | 9150123.12 |
| 54+150 | H-924 | HI-924-MD | 723734.76 | 9150452.65 | 54+150 | H-924 | HI-924-MI | 724388.42 | 9150168.70 |
| 54+200 | H-925 | HI-925-MD | 723766.75 | 9150491.02 | 54+200 | H-925 | HI-925-MI | 724403.79 | 9150216.03 |
| 54+250 | H-926 | HI-926-MD | 723799.43 | 9150528.86 | 54+250 | H-926 | HI-926-MI | 724420.74 | 9150262.65 |
| 54+300 | H-927 | HI-927-MD | 723827.26 | 9150569.96 | 54+300 | H-927 | HI-927-MI | 724430.41 | 9150311.18 |
| 54+350 | H-928 | HI-928-MD | 723861.21 | 9150606.67 | 54+350 | H-928 | HI-928-MI | 724460.19 | 9150341.97 |
| 54+400 | H-929 | HI-929-MD | 723895.55 | 9150642.97 | 54+400 | H-929 | HI-929-MI | 724494.23 | 9150373.26 |
| 54+450 | H-930 | HI-930-MD | 723933.94 | 9150675.00 | 54+450 | H-930 | HI-930-MI | 724538.00 | 9150397.28 |
| 54+500 | H-931 | HI-931-MD | 723965.59 | 9150711.25 | 54+500 | H-931 | HI-931-MI | 724580.11 | 9150424.23 |
| 54+550 | H-932 | HI-932-MD | 723973.63 | 9150760.23 | 54+550 | H-932 | HI-932-MI | 724620.75 | 9150453.28 |
| 54+600 | H-933 | HI-933-MD | 723969.95 | 9150809.06 | 54+600 | H-933 | HI-933-MI | 724662.67 | 9150478.79 |
| 54+650 | H-934 | HI-934-MD | 723964.37 | 9150858.59 | 54+650 | H-934 | HI-934-MI | 724696.55 | 9150515.43 |
| 54+700 | H-935 | HI-935-MD | 723965.50 | 9150908.29 | 54+700 | H-935 | HI-935-MI | 724738.29 | 9150542.50 |
| 54+750 | H-936 | HI-936-MD | 723973.97 | 9150956.70 | 54+750 | H-936 | HI-936-MI | 724767.07 | 9150582.65 |
| 54+800 | H-937 | HI-937-MD | 723996.91 | 9151000.22 | 54+800 | H-937 | HI-937-MI | 724775.41 | 9150631.61 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|-----------------------|-------|-----------|-----------|------------|-------------------------|-------|-----------|-----------|------------|
| 54+850 | H-938 | HI-938-MD | 724011.74 | 9151047.75 | 54+850 | H-938 | HI-938-MI | 724792.59 | 9150674.68 |
| 54+900 | H-939 | HI-939-MD | 724033.31 | 9151092.26 | 54+900 | H-939 | HI-939-MI | 724831.42 | 9150705.59 |
| 54+950 | H-940 | HI-940-MD | 724061.23 | 9151132.13 | 54+950 | H-940 | HI-940-MI | 724841.50 | 9150754.36 |
| 55+000 | H-941 | HI-941-MD | 724102.96 | 9151152.54 | 55+000 | H-941 | HI-941-MI | 724830.96 | 9150802.67 |
| 55+050 | H-942 | HI-942-MD | 724152.59 | 9151156.95 | 55+050 | H-942 | HI-942-MI | 724822.82 | 9150850.42 |
| 55+100 | H-943 | HI-943-MD | 724200.57 | 9151168.39 | 55+100 | H-943 | HI-943-MI | 724829.50 | 9150899.90 |
| 55+150 | H-944 | HI-944-MD | 724233.70 | 9151202.69 | 55+150 | H-944 | HI-944-MI | 724821.23 | 9150947.55 |
| 55+200 | H-945 | HI-945-MD | 724248.63 | 9151250.34 | 55+200 | H-945 | HI-945-MI | 724806.55 | 9150995.35 |
| 55+250 | H-946 | HI-946-MD | 724261.91 | 9151298.53 | 55+250 | H-946 | HI-946-MI | 724793.06 | 9151043.24 |
| 55+300 | H-947 | HI-947-MD | 724281.71 | 9151342.27 | 55+300 | H-947 | HI-947-MI | 724800.75 | 9151092.60 |
| 55+350 | H-948 | HI-948-MD | 724294.98 | 9151390.43 | 55+350 | H-948 | HI-948-MI | 724792.75 | 9151141.28 |
| 55+400 | H-949 | HI-949-MD | 724302.32 | 9151439.69 | 55+400 | H-949 | HI-949-MI | 724782.42 | 9151189.70 |
| 55+450 | H-950 | HI-950-MD | 724323.61 | 9151484.47 | 55+450 | H-950 | HI-950-MI | 724761.08 | 9151233.75 |
| 55+500 | H-951 | HI-951-MD | 724366.57 | 9151502.79 | 55+500 | H-951 | HI-951-MI | 724727.63 | 9151270.91 |
| 55+550 | H-952 | HI-952-MD | 724407.25 | 9151524.41 | 55+550 | H-952 | HI-952-MI | 724692.34 | 9151306.32 |
| 55+600 | H-953 | HI-953-MD | 724430.50 | 9151568.05 | 55+600 | H-953 | HI-953-MI | 724667.62 | 9151349.69 |
| 55+650 | H-954 | HI-954-MD | 724443.89 | 9151614.90 | 55+650 | H-954 | HI-954-MI | 724643.48 | 9151393.47 |
| 55+700 | H-955 | HI-955-MD | 724460.17 | 9151661.82 | 55+700 | H-955 | HI-955-MI | 724620.69 | 9151437.94 |
| 55+750 | H-956 | HI-956-MD | 724479.62 | 9151707.82 | 55+750 | H-956 | HI-956-MI | 724602.15 | 9151484.27 |
| 55+800 | H-957 | HI-957-MD | 724492.85 | 9151755.91 | 55+800 | H-957 | HI-957-MI | 724589.65 | 9151532.67 |
| 55+850 | H-958 | HI-958-MD | 724496.09 | 9151804.30 | 55+850 | H-958 | HI-958-MI | 724590.67 | 9151582.33 |
| 55+900 | H-959 | HI-959-MD | 724502.11 | 9151853.44 | 55+900 | H-959 | HI-959-MI | 724593.00 | 9151632.18 |
| 55+950 | H-960 | HI-960-MD | 724503.25 | 9151903.34 | 55+950 | H-960 | HI-960-MI | 724591.91 | 9151681.88 |
| 56+000 | H-961 | HI-961-MD | 724512.16 | 9151951.89 | 56+000 | H-961 | HI-961-MI | 724591.05 | 9151731.84 |
| 56+050 | H-962 | HI-962-MD | 724525.06 | 9151998.79 | 56+050 | H-962 | HI-962-MI | 724609.57 | 9151777.34 |
| 56+100 | H-963 | HI-963-MD | 724548.64 | 9152040.91 | 56+100 | H-963 | HI-963-MI | 724623.00 | 9151825.23 |
| 56+150 | H-964 | HI-964-MD | 724569.81 | 9152085.52 | 56+150 | H-964 | HI-964-MI | 724633.05 | 9151874.07 |
| 56+200 | H-965 | HI-965-MD | 724596.91 | 9152127.25 | 56+200 | H-965 | HI-965-MI | 724642.54 | 9151923.10 |
| 56+250 | H-966 | HI-966-MD | 724624.73 | 9152168.46 | 56+250 | H-966 | HI-966-MI | 724674.62 | 9151955.07 |
| 56+300 | H-967 | HI-967-MD | 724647.34 | 9152211.88 | 56+300 | H-967 | HI-967-MI | 724697.21 | 9151999.62 |
| 56+350 | H-968 | HI-968-MD | 724670.77 | 9152256.00 | 56+350 | H-968 | HI-968-MI | 724713.36 | 9152046.87 |
| 56+400 | H-969 | HI-969-MD | 724687.91 | 9152302.91 | 56+400 | H-969 | HI-969-MI | 724728.10 | 9152094.62 |
| 56+450 | H-970 | HI-970-MD | 724693.92 | 9152352.26 | 56+450 | H-970 | HI-970-MI | 724737.23 | 9152143.78 |
| 56+500 | H-971 | HI-971-MD | 724718.15 | 9152394.27 | 56+500 | H-971 | HI-971-MI | 724747.41 | 9152192.73 |
| 56+550 | H-972 | HI-972-MD | 724754.43 | 9152426.85 | 56+550 | H-972 | HI-972-MI | 724768.21 | 9152237.88 |
| 56+600 | H-973 | HI-973-MD | 724788.39 | 9152461.31 | 56+600 | H-973 | HI-973-MI | 724794.26 | 9152280.56 |
| 56+650 | H-974 | HI-974-MD | 724808.39 | 9152506.98 | 56+650 | H-974 | HI-974-MI | 724823.35 | 9152320.97 |
| 56+700 | H-975 | HI-975-MD | 724830.05 | 9152552.05 | 56+700 | H-975 | HI-975-MI | 724855.75 | 9152359.04 |
| 56+750 | H-976 | HI-976-MD | 724851.61 | 9152596.88 | 56+750 | H-976 | HI-976-MI | 724887.10 | 9152397.99 |
| 56+800 | H-977 | HI-977-MD | 724869.13 | 9152643.12 | 56+800 | H-977 | HI-977-MI | 724915.71 | 9152438.85 |
| 56+850 | H-978 | HI-978-MD | 724895.08 | 9152684.62 | 56+850 | H-978 | HI-978-MI | 724933.62 | 9152485.41 |
| 56+900 | H-979 | HI-979-MD | 724918.24 | 9152728.77 | 56+900 | H-979 | HI-979-MI | 724951.30 | 9152532.17 |
| 56+950 | H-980 | HI-980-MD | 724944.03 | 9152770.02 | 56+950 | H-980 | HI-980-MI | 724968.16 | 9152579.23 |
| 57+000 | H-981 | HI-981-MD | 724965.11 | 9152814.37 | 57+000 | H-981 | HI-981-MI | 724983.41 | 9152626.76 |
| 57+050 | H-982 | HI-982-MD | 724980.85 | 9152860.87 | 57+050 | H-982 | HI-982-MI | 725001.55 | 9152673.28 |
| 57+100 | H-983 | HI-983-MD | 725004.83 | 9152904.07 | 57+100 | H-983 | HI-983-MI | 725032.62 | 9152712.31 |
| 57+150 | H-984 | HI-984-MD | 725006.25 | 9152945.71 | 57+150 | H-984 | HI-984-MI | 725065.33 | 9152750.04 |
| 57+200 | H-985 | HI-985-MD | 725009.06 | 9152995.15 | 57+200 | H-985 | HI-985-MI | 725096.84 | 9152788.86 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|-----------------------|--------|------------|-----------|------------|-------------------------|--------|------------|-----------|------------|
| 57+250 | H-986 | HI-986-MD | 725016.89 | 9153044.32 | 57+250 | H-986 | HI-986-MI | 725128.35 | 9152827.69 |
| 57+300 | H-987 | HI-987-MD | 725043.51 | 9153085.58 | 57+300 | H-987 | HI-987-MI | 725167.47 | 9152858.12 |
| 57+350 | H-988 | HI-988-MD | 725087.39 | 9153109.00 | 57+350 | H-988 | HI-988-MI | 725209.59 | 9152885.06 |
| 57+400 | H-989 | HI-989-MD | 725136.33 | 9153118.64 | 57+400 | H-989 | HI-989-MI | 725252.37 | 9152910.94 |
| 57+450 | H-990 | HI-990-MD | 725186.23 | 9153120.26 | 57+450 | H-990 | HI-990-MI | 725296.17 | 9152934.99 |
| 57+500 | H-991 | HI-991-MD | 725235.80 | 9153115.14 | 57+500 | H-991 | HI-991-MI | 725344.50 | 9152947.32 |
| 57+550 | H-992 | HI-992-MD | 725285.24 | 9153107.82 | 57+550 | H-992 | HI-992-MI | 725393.76 | 9152955.85 |
| 57+600 | H-993 | HI-993-MD | 725334.81 | 9153101.83 | 57+600 | H-993 | HI-993-MI | 725442.79 | 9152965.60 |
| 57+650 | H-994 | HI-994-MD | 725384.63 | 9153100.18 | 57+650 | H-994 | HI-994-MI | 725492.11 | 9152973.70 |
| 57+700 | H-995 | HI-995-MD | 725432.60 | 9153111.35 | 57+700 | H-995 | HI-995-MI | 725541.07 | 9152983.61 |
| 57+750 | H-996 | HI-996-MD | 725470.27 | 9153143.73 | 57+750 | H-996 | HI-996-MI | 725588.29 | 9152999.92 |
| 57+800 | H-997 | HI-997-MD | 725510.65 | 9153172.38 | 57+800 | H-997 | HI-997-MI | 725632.94 | 9153022.17 |
| 57+850 | H-998 | HI-998-MD | 725546.46 | 9153207.24 | 57+850 | H-998 | HI-998-MI | 725680.45 | 9153021.46 |
| 57+900 | H-999 | HI-999-MD | 725584.07 | 9153239.97 | 57+900 | H-999 | HI-999-MI | 725728.13 | 9153019.47 |
| 57+950 | H-1000 | HI-1000-MD | 725628.61 | 9153261.85 | 57+950 | H-1000 | HI-1000-MI | 725778.09 | 9153019.12 |
| 58+000 | H-1001 | HI-1001-MD | 725665.86 | 9153293.58 | 58+000 | H-1001 | HI-1001-MI | 725828.05 | 9153017.63 |
| 58+050 | H-1002 | HI-1002-MD | 725699.53 | 9153330.35 | 58+050 | H-1002 | HI-1002-MI | 725877.86 | 9153013.34 |
| 58+100 | H-1003 | HI-1003-MD | 725730.14 | 9153369.16 | 58+100 | H-1003 | HI-1003-MI | 725927.67 | 9153009.37 |
| 58+150 | H-1004 | HI-1004-MD | 725754.06 | 9153412.66 | 58+150 | H-1004 | HI-1004-MI | 725976.51 | 9153017.94 |
| 58+200 | H-1005 | HI-1005-MD | 725790.48 | 9153444.95 | 58+200 | H-1005 | HI-1005-MI | 726022.76 | 9153036.52 |
| 58+250 | H-1006 | HI-1006-MD | 725821.17 | 9153483.22 | 58+250 | H-1006 | HI-1006-MI | 726062.44 | 9153066.94 |
| 58+300 | H-1007 | HI-1007-MD | 725866.57 | 9153503.30 | 58+300 | H-1007 | HI-1007-MI | 726096.66 | 9153103.21 |
| 58+350 | H-1008 | HI-1008-MD | 725906.55 | 9153530.55 | 58+350 | H-1008 | HI-1008-MI | 726125.32 | 9153144.08 |
| 58+400 | H-1009 | HI-1009-MD | 725948.04 | 9153558.06 | 58+400 | H-1009 | HI-1009-MI | 726153.08 | 9153185.66 |
| 58+450 | H-1010 | HI-1010-MD | 725983.57 | 9153593.19 | 58+450 | H-1010 | HI-1010-MI | 726181.36 | 9153226.90 |
| 58+500 | H-1011 | HI-1011-MD | 726012.53 | 9153633.76 | 58+500 | H-1011 | HI-1011-MI | 726211.57 | 9153266.74 |
| 58+550 | H-1012 | HI-1012-MD | 726025.61 | 9153681.65 | 58+550 | H-1012 | HI-1012-MI | 726242.28 | 9153306.18 |
| 58+600 | H-1013 | HI-1013-MD | 726048.52 | 9153725.71 | 58+600 | H-1013 | HI-1013-MI | 726269.90 | 9153347.86 |
| 58+650 | H-1014 | HI-1014-MD | 726069.66 | 9153770.01 | 58+650 | H-1014 | HI-1014-MI | 726297.33 | 9153389.67 |
| 58+700 | H-1015 | HI-1015-MD | 726088.16 | 9153813.13 | 58+700 | H-1015 | HI-1015-MI | 726324.49 | 9153431.64 |
| 58+750 | H-1016 | HI-1016-MD | 726088.17 | 9153861.90 | 58+750 | H-1016 | HI-1016-MI | 726351.66 | 9153473.62 |
| 58+800 | H-1017 | HI-1017-MD | 726106.68 | 9153908.20 | 58+800 | H-1017 | HI-1017-MI | 726378.82 | 9153515.60 |
| 58+850 | H-1018 | HI-1018-MD | 726124.76 | 9153954.62 | 58+850 | H-1018 | HI-1018-MI | 726405.99 | 9153557.57 |
| 58+900 | H-1019 | HI-1019-MD | 726157.63 | 9153989.73 | 58+900 | H-1019 | HI-1019-MI | 726433.12 | 9153599.57 |
| 58+950 | H-1020 | HI-1020-MD | 726199.59 | 9154016.58 | 58+950 | H-1020 | HI-1020-MI | 726458.06 | 9153642.91 |
| 59+000 | H-1021 | HI-1021-MD | 726237.78 | 9154048.60 | 59+000 | H-1021 | HI-1021-MI | 726483.00 | 9153686.24 |
| 59+050 | H-1022 | HI-1022-MD | 726260.33 | 9154092.03 | 59+050 | H-1022 | HI-1022-MI | 726509.45 | 9153728.67 |
| 59+100 | H-1023 | HI-1023-MD | 726291.28 | 9154131.19 | 59+100 | H-1023 | HI-1023-MI | 726536.34 | 9153770.83 |
| 59+150 | H-1024 | HI-1024-MD | 726316.15 | 9154173.22 | 59+150 | H-1024 | HI-1024-MI | 726563.71 | 9153812.66 |
| 59+200 | H-1025 | HI-1025-MD | 726333.82 | 9154218.94 | 59+200 | H-1025 | HI-1025-MI | 726591.09 | 9153854.50 |
| 59+250 | H-1026 | HI-1026-MD | 726363.07 | 9154258.55 | 59+250 | H-1026 | HI-1026-MI | 726615.77 | 9153897.94 |
| 59+300 | H-1027 | HI-1027-MD | 726391.65 | 9154299.28 | 59+300 | H-1027 | HI-1027-MI | 726639.20 | 9153942.11 |
| 59+350 | H-1028 | HI-1028-MD | 726398.25 | 9154348.24 | 59+350 | H-1028 | HI-1028-MI | 726664.90 | 9153984.99 |
| 59+400 | H-1029 | HI-1029-MD | 726383.10 | 9154394.83 | 59+400 | H-1029 | HI-1029-MI | 726690.80 | 9154027.75 |
| 59+450 | H-1030 | HI-1030-MD | 726374.75 | 9154443.78 | 59+450 | H-1030 | HI-1030-MI | 726716.71 | 9154070.52 |
| 59+500 | H-1031 | HI-1031-MD | 726380.57 | 9154493.44 | 59+500 | H-1031 | HI-1031-MI | 726741.48 | 9154113.95 |
| 59+550 | H-1032 | HI-1032-MD | 726396.15 | 9154540.88 | 59+550 | H-1032 | HI-1032-MI | 726765.81 | 9154157.63 |
| 59+600 | H-1033 | HI-1033-MD | 726414.49 | 9154587.38 | 59+600 | H-1033 | HI-1033-MI | 726790.14 | 9154201.31 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|--------|------------|-----------|------------|------------------|--------|-----------|-----------|------------|
| 59+650 | H-1034 | HI-1034-MD | 726422.23 | 9154635.93 | 59+650 | H-1034 | HI-1034-M | 726814.47 | 9154244.99 |
| 59+700 | H-1035 | HI-1035-MD | 726419.24 | 9154685.81 | 59+700 | H-1035 | HI-1035-M | 726838.99 | 9154288.56 |
| 59+750 | H-1036 | HI-1036-MD | 726417.79 | 9154735.79 | 59+750 | H-1036 | HI-1036-M | 726863.74 | 9154332.00 |
| 59+800 | H-1037 | HI-1037-MD | 726405.50 | 9154783.82 | 59+800 | H-1037 | HI-1037-M | 726888.50 | 9154375.44 |
| 59+850 | H-1038 | HI-1038-MD | 726396.15 | 9154832.33 | 59+850 | H-1038 | HI-1038-M | 726912.68 | 9154419.21 |
| 59+900 | H-1039 | HI-1039-MD | 726409.27 | 9154880.06 | 59+900 | H-1039 | HI-1039-M | 726930.97 | 9154464.45 |
| 59+950 | H-1040 | HI-1040-MD | 726435.08 | 9154922.79 | 59+950 | H-1040 | HI-1040-M | 726915.84 | 9154511.24 |
| 60+000 | H-1041 | HI-1041-MD | 726455.12 | 9154968.25 | 60+000 | H-1041 | HI-1041-M | 726894.29 | 9154556.03 |
| 60+050 | H-1042 | HI-1042-MD | 726472.17 | 9155015.26 | 60+050 | H-1042 | HI-1042-M | 726906.35 | 9154603.16 |
| 60+100 | H-1043 | HI-1043-MD | 726482.64 | 9155064.08 | 60+100 | H-1043 | HI-1043-M | 726928.40 | 9154648.03 |
| 60+150 | H-1044 | HI-1044-MD | 726499.20 | 9155111.26 | 60+150 | H-1044 | HI-1044-M | 726950.45 | 9154692.91 |
| 60+200 | H-1045 | HI-1045-MD | 726515.69 | 9155158.46 | 60+200 | H-1045 | HI-1045-M | 726964.05 | 9154740.85 |
| 60+250 | H-1046 | HI-1046-MD | 726518.83 | 9155207.47 | 60+250 | H-1046 | HI-1046-M | 726955.06 | 9154790.04 |
| 60+300 | H-1047 | HI-1047-MD | 726512.39 | 9155255.14 | 60+300 | H-1047 | HI-1047-M | 726947.47 | 9154839.46 |
| 60+350 | H-1048 | HI-1048-MD | 726529.49 | 9155301.27 | 60+350 | H-1048 | HI-1048-M | 726942.70 | 9154889.22 |
| 60+400 | H-1049 | HI-1049-MD | 726544.95 | 9155348.28 | 60+400 | H-1049 | HI-1049-M | 726938.10 | 9154939.01 |
| 60+450 | H-1050 | HI-1050-MD | 726557.41 | 9155396.62 | 60+450 | H-1050 | HI-1050-M | 726939.59 | 9154988.64 |
| 60+500 | H-1051 | HI-1051-MD | 726558.57 | 9155446.54 | 60+500 | H-1051 | HI-1051-M | 726946.76 | 9155038.12 |
| 60+550 | H-1052 | HI-1052-MD | 726566.19 | 9155495.58 | 60+550 | H-1052 | HI-1052-M | 726955.57 | 9155087.33 |
| 60+600 | H-1053 | HI-1053-MD | 726581.43 | 9155543.20 | 60+600 | H-1053 | HI-1053-M | 726964.99 | 9155136.44 |
| 60+650 | H-1054 | HI-1054-MD | 726595.90 | 9155591.03 | 60+650 | H-1054 | HI-1054-M | 726975.15 | 9155185.32 |
| 60+700 | H-1055 | HI-1055-MD | 726601.09 | 9155640.10 | 60+700 | H-1055 | HI-1055-M | 726994.38 | 9155231.47 |
| 60+750 | H-1056 | HI-1056-MD | 726593.00 | 9155689.44 | 60+750 | H-1056 | HI-1056-M | 727013.60 | 9155277.63 |
| 60+800 | H-1057 | HI-1057-MD | 726583.31 | 9155738.46 | 60+800 | H-1057 | HI-1057-M | 727033.77 | 9155323.36 |
| 60+850 | H-1058 | HI-1058-MD | 726572.16 | 9155787.21 | 60+850 | H-1058 | HI-1058-M | 727055.80 | 9155368.24 |
| 60+900 | H-1059 | HI-1059-MD | 726567.44 | 9155836.92 | 60+900 | H-1059 | HI-1059-M | 727077.99 | 9155413.05 |
| 60+950 | H-1060 | HI-1060-MD | 726578.21 | 9155885.37 | 60+950 | H-1060 | HI-1060-M | 727100.43 | 9155457.73 |
| 61+000 | H-1061 | HI-1061-MD | 726592.04 | 9155933.42 | 61+000 | H-1061 | HI-1061-M | 727122.87 | 9155502.41 |
| 61+050 | H-1062 | HI-1062-MD | 726606.71 | 9155981.19 | 61+050 | H-1062 | HI-1062-M | 727145.32 | 9155547.09 |
| 61+100 | H-1063 | HI-1063-MD | 726624.93 | 9156027.68 | 61+100 | H-1063 | HI-1063-M | 727163.13 | 9155593.78 |
| 61+150 | H-1064 | HI-1064-MD | 726634.11 | 9156076.77 | 61+150 | H-1064 | HI-1064-M | 727181.42 | 9155640.14 |
| 61+200 | H-1065 | HI-1065-MD | 726642.56 | 9156125.89 | 61+200 | H-1065 | HI-1065-M | 727212.56 | 9155679.25 |
| 61+250 | H-1066 | HI-1066-MD | 726652.46 | 9156174.87 | 61+250 | H-1066 | HI-1066-M | 727238.25 | 9155721.85 |
| 61+300 | H-1067 | HI-1067-MD | 726660.77 | 9156224.17 | 61+300 | H-1067 | HI-1067-M | 727259.97 | 9155766.81 |
| 61+350 | H-1068 | HI-1068-MD | 726672.87 | 9156272.64 | 61+350 | H-1068 | HI-1068-M | 727272.40 | 9155815.24 |
| 61+400 | H-1069 | HI-1069-MD | 726682.30 | 9156321.68 | 61+400 | H-1069 | HI-1069-M | 727277.32 | 9155864.08 |
| 61+450 | H-1070 | HI-1070-MD | 726707.73 | 9156363.60 | 61+450 | H-1070 | HI-1070-M | 727270.30 | 9155913.59 |
| 61+500 | H-1071 | HI-1071-MD | 726748.59 | 9156392.29 | 61+500 | H-1071 | HI-1071-M | 727272.99 | 9155962.57 |
| 61+550 | H-1072 | HI-1072-MD | 726788.76 | 9156422.03 | 61+550 | H-1072 | HI-1072-M | 727283.76 | 9156011.25 |
| 61+600 | H-1073 | HI-1073-MD | 726820.83 | 9156459.38 | 61+600 | H-1073 | HI-1073-M | 727285.50 | 9156061.22 |
| 61+650 | H-1074 | HI-1074-MD | 726839.08 | 9156505.47 | 61+650 | H-1074 | HI-1074-M | 727283.06 | 9156110.60 |
| 61+700 | H-1075 | HI-1075-MD | 726850.93 | 9156554.05 | 61+700 | H-1075 | HI-1075-M | 727267.74 | 9156158.20 |
| 61+750 | H-1076 | HI-1076-MD | 726862.62 | 9156602.66 | 61+750 | H-1076 | HI-1076-M | 727252.43 | 9156205.80 |
| 61+800 | H-1077 | HI-1077-MD | 726873.84 | 9156651.39 | 61+800 | H-1077 | HI-1077-M | 727230.21 | 9156250.31 |
| 61+850 | H-1078 | HI-1078-MD | 726885.06 | 9156700.11 | 61+850 | H-1078 | HI-1078-M | 727205.01 | 9156293.50 |
| 61+900 | H-1079 | HI-1079-MD | 726896.28 | 9156748.84 | 61+900 | H-1079 | HI-1079-M | 727179.99 | 9156336.79 |
| 61+950 | H-1080 | HI-1080-MD | 726904.69 | 9156798.12 | 61+950 | H-1080 | HI-1080-M | 727155.10 | 9156380.15 |
| 62+000 | H-1081 | HI-1081-MD | 726919.20 | 9156845.71 | 62+000 | H-1081 | HI-1081-M | 727130.17 | 9156423.49 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|--------|------------|-----------|------------|------------------|--------|-----------|-----------|------------|
| 62+050 | H-1082 | HI-1082-MD | 726936.56 | 9156892.54 | 62+050 | H-1082 | HI-1082-M | 727121.68 | 9156469.29 |
| 62+100 | H-1083 | HI-1083-MD | 726947.29 | 9156941.37 | 62+100 | H-1083 | HI-1083-M | 727132.48 | 9156518.11 |
| 62+150 | H-1084 | HI-1084-MD | 726954.68 | 9156990.62 | 62+150 | H-1084 | HI-1084-M | 727145.01 | 9156566.51 |
| 62+200 | H-1085 | HI-1085-MD | 726967.43 | 9157037.67 | 62+200 | H-1085 | HI-1085-M | 727158.33 | 9156614.70 |
| 62+250 | H-1086 | HI-1086-MD | 726991.92 | 9157081.25 | 62+250 | H-1086 | HI-1086-M | 727171.80 | 9156662.85 |
| 62+300 | H-1087 | HI-1087-MD | 727014.88 | 9157125.65 | 62+300 | H-1087 | HI-1087-M | 727185.15 | 9156711.04 |
| 62+350 | H-1088 | HI-1088-MD | 727036.02 | 9157170.94 | 62+350 | H-1088 | HI-1088-M | 727197.73 | 9156759.43 |
| 62+400 | H-1089 | HI-1089-MD | 727060.02 | 9157214.62 | 62+400 | H-1089 | HI-1089-M | 727209.92 | 9156807.92 |
| 62+450 | H-1090 | HI-1090-MD | 727084.39 | 9157258.25 | 62+450 | H-1090 | HI-1090-M | 727221.26 | 9156856.61 |
| 62+500 | H-1091 | HI-1091-MD | 727101.76 | 9157304.75 | 62+500 | H-1091 | HI-1091-M | 727233.25 | 9156905.15 |
| 62+550 | H-1092 | HI-1092-MD | 727117.22 | 9157352.23 | 62+550 | H-1092 | HI-1092-M | 727245.36 | 9156953.66 |
| 62+600 | H-1093 | HI-1093-MD | 727140.09 | 9157396.56 | 62+600 | H-1093 | HI-1093-M | 727259.77 | 9157001.50 |
| 62+650 | H-1094 | HI-1094-MD | 727163.93 | 9157440.50 | 62+650 | H-1094 | HI-1094-M | 727279.16 | 9157047.56 |
| 62+700 | H-1095 | HI-1095-MD | 727193.08 | 9157480.97 | 62+700 | H-1095 | HI-1095-M | 727304.55 | 9157090.51 |
| 62+750 | H-1096 | HI-1096-MD | 727234.84 | 9157505.67 | 62+750 | H-1096 | HI-1096-M | 727335.06 | 9157130.09 |
| 62+800 | H-1097 | HI-1097-MD | 727281.34 | 9157523.78 | 62+800 | H-1097 | HI-1097-M | 727367.15 | 9157168.44 |
| 62+850 | H-1098 | HI-1098-MD | 727329.76 | 9157536.24 | 62+850 | H-1098 | HI-1098-M | 727398.89 | 9157207.07 |
| 62+900 | H-1099 | HI-1099-MD | 727378.02 | 9157549.29 | 62+900 | H-1099 | HI-1099-M | 727430.23 | 9157246.02 |
| 62+950 | H-1100 | HI-1100-MD | 727426.30 | 9157562.31 | 62+950 | H-1100 | HI-1100-M | 727462.28 | 9157284.40 |
| 63+000 | H-1101 | HI-1101-MD | 727465.86 | 9157590.72 | 63+000 | H-1101 | HI-1101-M | 727494.04 | 9157323.01 |
| 63+050 | H-1102 | HI-1102-MD | 727500.57 | 9157626.47 | 63+050 | H-1102 | HI-1102-M | 727525.68 | 9157361.73 |
| 63+100 | H-1103 | HI-1103-MD | 727537.95 | 9157659.62 | 63+100 | H-1103 | HI-1103-M | 727557.97 | 9157399.90 |
| 63+150 | H-1104 | HI-1104-MD | 727575.50 | 9157692.61 | 63+150 | H-1104 | HI-1104-M | 727591.33 | 9157437.10 |
| 63+200 | H-1105 | HI-1105-MD | 727612.61 | 9157726.11 | 63+200 | H-1105 | HI-1105-M | 727627.99 | 9157471.07 |
| 63+250 | H-1106 | HI-1106-MD | 727650.03 | 9157759.27 | 63+250 | H-1106 | HI-1106-M | 727666.30 | 9157503.19 |
| 63+300 | H-1107 | HI-1107-MD | 727687.45 | 9157792.44 | 63+300 | H-1107 | HI-1107-M | 727707.49 | 9157531.49 |
| 63+350 | H-1108 | HI-1108-MD | 727730.22 | 9157818.21 | 63+350 | H-1108 | HI-1108-M | 727750.50 | 9157556.97 |
| 63+400 | H-1109 | HI-1109-MD | 727774.00 | 9157842.35 | 63+400 | H-1109 | HI-1109-M | 727794.94 | 9157579.78 |
| 63+450 | H-1110 | HI-1110-MD | 727817.33 | 9157867.25 | 63+450 | H-1110 | HI-1110-M | 727841.12 | 9157598.91 |
| 63+500 | H-1111 | HI-1111-MD | 727860.96 | 9157891.65 | 63+500 | H-1111 | HI-1111-M | 727888.60 | 9157614.58 |
| 63+550 | H-1112 | HI-1112-MD | 727905.06 | 9157915.21 | 63+550 | H-1112 | HI-1112-M | 727937.12 | 9157626.60 |
| 63+600 | H-1113 | HI-1113-MD | 727947.20 | 9157941.76 | 63+600 | H-1113 | HI-1113-M | 727986.25 | 9157635.90 |
| 63+650 | H-1114 | HI-1114-MD | 727965.78 | 9157987.67 | 63+650 | H-1114 | HI-1114-M | 728035.13 | 9157646.37 |
| 63+700 | H-1115 | HI-1115-MD | 727995.73 | 9158027.30 | 63+700 | H-1115 | HI-1115-M | 728084.29 | 9157655.09 |
| 63+750 | H-1116 | HI-1116-MD | 728031.88 | 9158061.70 | 63+750 | H-1116 | HI-1116-M | 728133.43 | 9157664.28 |
| 63+800 | H-1117 | HI-1117-MD | 728073.09 | 9158089.93 | 63+800 | H-1117 | HI-1117-M | 728182.67 | 9157668.57 |
| 63+850 | H-1118 | HI-1118-MD | 728116.96 | 9158113.84 | 63+850 | H-1118 | HI-1118-M | 728231.11 | 9157680.02 |
| 63+900 | H-1119 | HI-1119-MD | 728159.11 | 9158140.12 | 63+900 | H-1119 | HI-1119-M | 728279.13 | 9157693.83 |
| 63+950 | H-1120 | HI-1120-MD | 728198.30 | 9158171.11 | 63+950 | H-1120 | HI-1120-M | 728325.16 | 9157712.97 |
| 64+000 | H-1121 | HI-1121-MD | 728247.35 | 9158177.04 | 64+000 | H-1121 | HI-1121-M | 728373.26 | 9157724.29 |
| 64+050 | H-1122 | HI-1122-MD | 728297.24 | 9158173.71 | 64+050 | H-1122 | HI-1122-M | 728419.98 | 9157741.42 |
| 64+100 | H-1123 | HI-1123-MD | 728345.55 | 9158161.64 | 64+100 | H-1123 | HI-1123-M | 728467.42 | 9157757.19 |
| 64+150 | H-1124 | HI-1124-MD | 728394.54 | 9158158.12 | 64+150 | H-1124 | HI-1124-M | 728516.15 | 9157767.22 |
| 64+200 | H-1125 | HI-1125-MD | 728424.27 | 9158187.35 | 64+200 | H-1125 | HI-1125-M | 728562.56 | 9157784.14 |
| 64+250 | H-1126 | HI-1126-MD | 728428.18 | 9158237.14 | 64+250 | H-1126 | HI-1126-M | 728612.13 | 9157787.89 |
| 64+300 | H-1127 | HI-1127-MD | 728434.54 | 9158284.85 | 64+300 | H-1127 | HI-1127-M | 728661.45 | 9157785.46 |
| 64+350 | H-1128 | HI-1128-MD | 728420.61 | 9158332.33 | 64+350 | H-1128 | HI-1128-M | 728706.91 | 9157806.26 |
| 64+400 | H-1129 | HI-1129-MD | 728426.97 | 9158380.90 | 64+400 | H-1129 | HI-1129-M | 728749.49 | 9157831.90 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|--------|------------|-----------|------------|------------------|--------|-----------|-----------|------------|
| 64+450 | H-1130 | HI-1130-MD | 728461.89 | 9158415.67 | 64+450 | H-1130 | HI-1130-M | 728786.17 | 9157865.84 |
| 64+500 | H-1131 | HI-1131-MD | 728504.21 | 9158442.12 | 64+500 | H-1131 | HI-1131-M | 728816.32 | 9157905.66 |
| 64+550 | H-1132 | HI-1132-MD | 728548.67 | 9158463.25 | 64+550 | H-1132 | HI-1132-M | 728843.82 | 9157947.38 |
| 64+600 | H-1133 | HI-1133-MD | 728596.49 | 9158477.43 | 64+600 | H-1133 | HI-1133-M | 728868.39 | 9157990.92 |
| 64+650 | H-1134 | HI-1134-MD | 728645.08 | 9158483.99 | 64+650 | H-1134 | HI-1134-M | 728894.66 | 9158033.42 |
| 64+700 | H-1135 | HI-1135-MD | 728694.75 | 9158489.35 | 64+700 | H-1135 | HI-1135-M | 728919.84 | 9158076.38 |
| 64+750 | H-1136 | HI-1136-MD | 728742.70 | 9158503.02 | 64+750 | H-1136 | HI-1136-M | 728947.82 | 9158117.77 |
| 64+800 | H-1137 | HI-1137-MD | 728787.82 | 9158524.18 | 64+800 | H-1137 | HI-1137-M | 728979.08 | 9158156.79 |
| 64+850 | H-1138 | HI-1138-MD | 728828.71 | 9158552.70 | 64+850 | H-1138 | HI-1138-M | 729013.56 | 9158192.98 |
| 64+900 | H-1139 | HI-1139-MD | 728869.28 | 9158581.75 | 64+900 | H-1139 | HI-1139-M | 729050.31 | 9158226.85 |
| 64+950 | H-1140 | HI-1140-MD | 728911.48 | 9158606.91 | 64+950 | H-1140 | HI-1140-M | 729089.57 | 9158257.81 |
| 65+000 | H-1141 | HI-1141-MD | 728946.40 | 9158641.89 | 65+000 | H-1141 | HI-1141-M | 729130.43 | 9158286.61 |
| 65+050 | H-1142 | HI-1142-MD | 728991.04 | 9158660.34 | 65+050 | H-1142 | HI-1142-M | 729173.39 | 9158312.18 |
| 65+100 | H-1143 | HI-1143-MD | 729018.56 | 9158701.77 | 65+100 | H-1143 | HI-1143-M | 729218.10 | 9158334.52 |
| 65+150 | H-1144 | HI-1144-MD | 729064.49 | 9158720.95 | 65+150 | H-1144 | HI-1144-M | 729263.30 | 9158355.90 |
| 65+200 | H-1145 | HI-1145-MD | 729113.07 | 9158731.29 | 65+200 | H-1145 | HI-1145-M | 729308.63 | 9158376.96 |
| 65+250 | H-1146 | HI-1146-MD | 729159.38 | 9158750.04 | 65+250 | H-1146 | HI-1146-M | 729354.48 | 9158396.91 |
| 65+300 | H-1147 | HI-1147-MD | 729208.32 | 9158758.61 | 65+300 | H-1147 | HI-1147-M | 729400.79 | 9158415.76 |
| 65+350 | H-1148 | HI-1148-MD | 729251.87 | 9158782.79 | 65+350 | H-1148 | HI-1148-M | 729446.84 | 9158435.20 |
| 65+400 | H-1149 | HI-1149-MD | 729294.77 | 9158807.27 | 65+400 | H-1149 | HI-1149-M | 729492.47 | 9158455.63 |
| 65+450 | H-1150 | HI-1150-MD | 729339.96 | 9158824.06 | 65+450 | H-1150 | HI-1150-M | 729538.07 | 9158476.15 |
| 65+500 | H-1151 | HI-1151-MD | 729389.53 | 9158822.81 | 65+500 | H-1151 | HI-1151-M | 729583.71 | 9158496.55 |
| 65+550 | H-1152 | HI-1152-MD | 729431.01 | 9158817.83 | 65+550 | H-1152 | HI-1152-M | 729628.37 | 9158519.02 |
| 65+600 | H-1153 | HI-1153-MD | 729478.65 | 9158830.42 | 65+600 | H-1153 | HI-1153-M | 729671.59 | 9158544.16 |
| 65+650 | H-1154 | HI-1154-MD | 729528.53 | 9158827.93 | 65+650 | H-1154 | HI-1154-M | 729713.21 | 9158571.85 |
| 65+700 | H-1155 | HI-1155-MD | 729574.81 | 9158834.44 | 65+700 | H-1155 | HI-1155-M | 729752.54 | 9158602.72 |
| 65+750 | H-1156 | HI-1156-MD | 729583.30 | 9158875.45 | 65+750 | H-1156 | HI-1156-M | 729791.62 | 9158633.90 |
| 65+800 | H-1157 | HI-1157-MD | 729615.41 | 9158913.78 | 65+800 | H-1157 | HI-1157-M | 729830.04 | 9158665.90 |
| 65+850 | H-1158 | HI-1158-MD | 729657.54 | 9158940.70 | 65+850 | H-1158 | HI-1158-M | 729868.82 | 9158697.45 |
| 65+900 | H-1159 | HI-1159-MD | 729700.75 | 9158965.79 | 65+900 | H-1159 | HI-1159-M | 729907.77 | 9158728.81 |
| 65+950 | H-1160 | HI-1160-MD | 729747.09 | 9158982.65 | 65+950 | H-1160 | HI-1160-M | 729946.41 | 9158760.53 |
| 66+000 | H-1161 | HI-1161-MD | 729795.02 | 9158989.33 | 66+000 | H-1161 | HI-1161-M | 729985.27 | 9158792.00 |
| 66+050 | H-1162 | HI-1162-MD | 729828.87 | 9159026.13 | 66+050 | H-1162 | HI-1162-M | 730024.51 | 9158822.99 |
| 66+100 | H-1163 | HI-1163-MD | 729861.92 | 9159063.63 | 66+100 | H-1163 | HI-1163-M | 730062.86 | 9158855.06 |
| 66+150 | H-1164 | HI-1164-MD | 729900.40 | 9159092.92 | 66+150 | H-1164 | HI-1164-M | 730101.57 | 9158886.72 |
| 66+200 | H-1165 | HI-1165-MD | 729948.35 | 9159106.90 | 66+200 | H-1165 | HI-1165-M | 730140.29 | 9158918.35 |
| 66+250 | H-1166 | HI-1166-MD | 729996.25 | 9159118.18 | 66+250 | H-1166 | HI-1166-M | 730179.03 | 9158949.95 |
| 66+300 | H-1167 | HI-1167-MD | 730044.72 | 9159129.26 | 66+300 | H-1167 | HI-1167-M | 730217.78 | 9158981.55 |
| 66+350 | H-1168 | HI-1168-MD | 730087.97 | 9159153.85 | 66+350 | H-1168 | HI-1168-M | 730257.08 | 9159012.45 |
| 66+400 | H-1169 | HI-1169-MD | 730135.24 | 9159170.04 | 66+400 | H-1169 | HI-1169-M | 730297.23 | 9159042.25 |
| 66+450 | H-1170 | HI-1170-MD | 730178.66 | 9159193.01 | 66+450 | H-1170 | HI-1170-M | 730337.42 | 9159071.99 |
| 66+500 | H-1171 | HI-1171-MD | 730203.56 | 9159235.60 | 66+500 | H-1171 | HI-1171-M | 730377.66 | 9159101.67 |
| 66+550 | H-1172 | HI-1172-MD | 730229.64 | 9159278.23 | 66+550 | H-1172 | HI-1172-M | 730418.02 | 9159131.19 |
| 66+600 | H-1173 | HI-1173-MD | 730245.46 | 9159325.51 | 66+600 | H-1173 | HI-1173-M | 730458.91 | 9159159.94 |
| 66+650 | H-1174 | HI-1174-MD | 730251.16 | 9159374.94 | 66+650 | H-1174 | HI-1174-M | 730500.83 | 9159187.16 |
| 66+700 | H-1175 | HI-1175-MD | 730244.47 | 9159422.34 | 66+700 | H-1175 | HI-1175-M | 730544.36 | 9159211.75 |
| 66+750 | H-1176 | HI-1176-MD | 730253.43 | 9159471.16 | 66+750 | H-1176 | HI-1176-M | 730589.01 | 9159234.22 |
| 66+800 | H-1177 | HI-1177-MD | 730289.28 | 9159505.83 | 66+800 | H-1177 | HI-1177-M | 730634.67 | 9159254.58 |



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| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|--------|------------|-----------|------------|------------------|--------|-----------|-----------|------------|
| 66+850 | H-1178 | HI-1178-MD | 730329.66 | 9159534.96 | 66+850 | H-1178 | HI-1178-M | 730681.32 | 9159272.56 |
| 66+900 | H-1179 | HI-1179-MD | 730361.00 | 9159573.82 | 66+900 | H-1179 | HI-1179-M | 730728.38 | 9159289.45 |
| 66+950 | H-1180 | HI-1180-MD | 730388.75 | 9159614.95 | 66+950 | H-1180 | HI-1180-M | 730775.53 | 9159306.08 |
| 67+000 | H-1181 | HI-1181-MD | 730422.52 | 9159651.10 | 67+000 | H-1181 | HI-1181-M | 730822.65 | 9159322.81 |
| 67+050 | H-1182 | HI-1182-MD | 730442.26 | 9159696.64 | 67+050 | H-1182 | HI-1182-M | 730869.60 | 9159339.99 |
| 67+100 | H-1183 | HI-1183-MD | 730475.10 | 9159733.18 | 67+100 | H-1183 | HI-1183-M | 730916.91 | 9159356.14 |
| 67+150 | H-1184 | HI-1184-MD | 730515.19 | 9159762.51 | 67+150 | H-1184 | HI-1184-M | 730964.10 | 9159372.66 |
| 67+200 | H-1185 | HI-1185-MD | 730559.94 | 9159784.16 | 67+200 | H-1185 | HI-1185-M | 731011.23 | 9159389.35 |
| 67+250 | H-1186 | HI-1186-MD | 730599.49 | 9159814.28 | 67+250 | H-1186 | HI-1186-M | 731058.79 | 9159404.78 |
| 67+300 | H-1187 | HI-1187-MD | 730641.48 | 9159838.44 | 67+300 | H-1187 | HI-1187-M | 731106.46 | 9159419.87 |
| 67+350 | H-1188 | HI-1188-MD | 730686.81 | 9159859.27 | 67+350 | H-1188 | HI-1188-M | 731154.70 | 9159432.88 |
| 67+400 | H-1189 | HI-1189-MD | 730729.89 | 9159884.41 | 67+400 | H-1189 | HI-1189-M | 731203.55 | 9159443.30 |
| 67+450 | H-1190 | HI-1190-MD | 730778.34 | 9159883.14 | 67+450 | H-1190 | HI-1190-M | 731253.18 | 9159449.32 |
| 67+500 | H-1191 | HI-1191-MD | 730826.54 | 9159894.43 | 67+500 | H-1191 | HI-1191-M | 731302.87 | 9159454.80 |
| 67+550 | H-1192 | HI-1192-MD | 730875.12 | 9159903.09 | 67+550 | H-1192 | HI-1192-M | 731352.80 | 9159457.38 |
| 67+600 | H-1193 | HI-1193-MD | 730922.79 | 9159891.09 | 67+600 | H-1193 | HI-1193-M | 731402.80 | 9159457.40 |
| 67+650 | H-1194 | HI-1194-MD | 730965.20 | 9159911.99 | 67+650 | H-1194 | HI-1194-M | 731452.80 | 9159458.05 |
| 67+700 | H-1195 | HI-1195-MD | 731012.34 | 9159922.86 | 67+700 | H-1195 | HI-1195-M | 731502.79 | 9159458.34 |
| 67+750 | H-1196 | HI-1196-MD | 731061.83 | 9159921.85 | 67+750 | H-1196 | HI-1196-M | 731552.79 | 9159458.60 |
| 67+800 | H-1197 | HI-1197-MD | 731106.68 | 9159900.20 | 67+800 | H-1197 | HI-1197-M | 731602.79 | 9159458.99 |
| 67+850 | H-1198 | HI-1198-MD | 731147.66 | 9159871.57 | 67+850 | H-1198 | HI-1198-M | 731652.79 | 9159459.43 |
| 67+900 | H-1199 | HI-1199-MD | 731191.54 | 9159848.40 | 67+900 | H-1199 | HI-1199-M | 731702.79 | 9159459.93 |
| 67+950 | H-1200 | HI-1200-MD | 731240.46 | 9159838.26 | 67+950 | H-1200 | HI-1200-M | 731752.79 | 9159460.29 |
| 68+000 | H-1201 | HI-1201-MD | 731289.40 | 9159829.62 | 68+000 | H-1201 | HI-1201-M | 731802.79 | 9159460.25 |
| 68+050 | H-1202 | HI-1202-MD | 731337.67 | 9159830.34 | 68+050 | H-1202 | HI-1202-M | 731852.78 | 9159460.60 |
| 68+100 | H-1203 | HI-1203-MD | 731381.31 | 9159854.63 | 68+100 | H-1203 | HI-1203-M | 731902.78 | 9159460.98 |
| 68+150 | H-1204 | HI-1204-MD | 731422.70 | 9159882.66 | 68+150 | H-1204 | HI-1204-M | 731952.78 | 9159461.21 |
| 68+200 | H-1205 | HI-1205-MD | 731460.95 | 9159914.30 | 68+200 | H-1205 | HI-1205-M | 732002.78 | 9159461.68 |
| 68+250 | H-1206 | HI-1206-MD | 731509.50 | 9159922.55 | 68+250 | H-1206 | HI-1206-M | 732052.77 | 9159462.38 |
| 68+300 | H-1207 | HI-1207-MD | 731557.38 | 9159920.98 | 68+300 | H-1207 | HI-1207-M | 732102.77 | 9159462.65 |
| 68+350 | H-1208 | HI-1208-MD | 731601.95 | 9159899.85 | 68+350 | H-1208 | HI-1208-M | 732152.77 | 9159462.91 |
| 68+400 | H-1209 | HI-1209-MD | 731650.28 | 9159912.02 | 68+400 | H-1209 | HI-1209-M | 732202.77 | 9159463.18 |
| 68+450 | H-1210 | HI-1210-MD | 731700.05 | 9159915.18 | 68+450 | H-1210 | HI-1210-M | 732252.77 | 9159463.52 |
| 68+500 | H-1211 | HI-1211-MD | 731749.89 | 9159911.37 | 68+500 | H-1211 | HI-1211-M | 732302.77 | 9159464.18 |
| 68+550 | H-1212 | HI-1212-MD | 731799.73 | 9159907.38 | 68+550 | H-1212 | HI-1212-M | 732352.76 | 9159464.84 |
| 68+600 | H-1213 | HI-1213-MD | 731849.34 | 9159901.14 | 68+600 | H-1213 | HI-1213-M | 732402.75 | 9159466.02 |
| 68+650 | H-1214 | HI-1214-MD | 731899.04 | 9159895.70 | 68+650 | H-1214 | HI-1214-M | 732452.62 | 9159468.56 |
| 68+700 | H-1215 | HI-1215-MD | 731948.33 | 9159898.58 | 68+700 | H-1215 | HI-1215-M | 732499.95 | 9159482.82 |
| 68+750 | H-1216 | HI-1216-MD | 731991.55 | 9159923.71 | 68+750 | H-1216 | HI-1216-M | 732538.86 | 9159513.36 |
| 68+800 | H-1217 | HI-1217-MD | 732036.00 | 9159946.03 | 68+800 | H-1217 | HI-1217-M | 732567.62 | 9159554.06 |
| 68+850 | H-1218 | HI-1218-MD | 732085.07 | 9159953.42 | 68+850 | H-1218 | HI-1218-M | 732610.29 | 9159572.62 |
| 68+900 | H-1219 | HI-1219-MD | 732134.10 | 9159943.61 | 68+900 | H-1219 | HI-1219-M | 732651.95 | 9159594.24 |
| 68+950 | H-1220 | HI-1220-MD | 732181.68 | 9159928.53 | 68+950 | H-1220 | HI-1220-M | 732691.91 | 9159624.30 |
| 69+000 | H-1221 | HI-1221-MD | 732228.28 | 9159910.47 | 69+000 | H-1221 | HI-1221-M | 732731.82 | 9159654.41 |
| 69+050 | H-1222 | HI-1222-MD | 732274.79 | 9159892.33 | 69+050 | H-1222 | HI-1222-M | 732771.70 | 9159684.57 |
| 69+100 | H-1223 | HI-1223-MD | 732323.19 | 9159879.78 | 69+100 | H-1223 | HI-1223-M | 732811.63 | 9159714.66 |
| 69+150 | H-1224 | HI-1224-MD | 732370.58 | 9159864.04 | 69+150 | H-1224 | HI-1224-M | 732851.15 | 9159730.59 |
| 69+200 | H-1225 | HI-1225-MD | 732416.38 | 9159843.99 | 69+200 | H-1225 | HI-1225-M | 732898.16 | 9159714.30 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|--------|------------|-----------|------------|------------------|--------|-----------|-----------|------------|
| 69+250 | H-1226 | HI-1226-MD | 732462.56 | 9159828.48 | 69+250 | H-1226 | HI-1226-M | 732945.92 | 9159725.85 |
| 69+300 | H-1227 | HI-1227-MD | 732510.10 | 9159843.81 | 69+300 | H-1227 | HI-1227-M | 732994.70 | 9159734.63 |
| 69+350 | H-1228 | HI-1228-MD | 732557.54 | 9159859.63 | 69+350 | H-1228 | HI-1228-M | 733041.26 | 9159752.65 |
| 69+400 | H-1229 | HI-1229-MD | 732605.74 | 9159872.74 | 69+400 | H-1229 | HI-1229-M | 733085.37 | 9159775.59 |
| 69+450 | H-1230 | HI-1230-MD | 732654.64 | 9159883.13 | 69+450 | H-1230 | HI-1230-M | 733132.67 | 9159791.66 |
| 69+500 | H-1231 | HI-1231-MD | 732703.60 | 9159893.23 | 69+500 | H-1231 | HI-1231-M | 733180.82 | 9159803.13 |
| 69+550 | H-1232 | HI-1232-MD | 732752.31 | 9159904.33 | 69+550 | H-1232 | HI-1232-M | 733230.28 | 9159808.53 |
| 69+600 | H-1233 | HI-1233-MD | 732802.03 | 9159905.24 | 69+600 | H-1233 | HI-1233-M | 733276.75 | 9159826.19 |
| 69+650 | H-1234 | HI-1234-MD | 732850.18 | 9159897.03 | 69+650 | H-1234 | HI-1234-M | 733321.90 | 9159847.67 |
| 69+700 | H-1235 | HI-1235-MD | 732894.37 | 9159892.85 | 69+700 | H-1235 | HI-1235-M | 733366.04 | 9159870.92 |
| 69+750 | H-1236 | HI-1236-MD | 732939.66 | 9159907.57 | 69+750 | H-1236 | HI-1236-M | 733412.61 | 9159888.60 |
| 69+800 | H-1237 | HI-1237-MD | 732966.29 | 9159944.42 | 69+800 | H-1237 | HI-1237-M | 733453.99 | 9159868.62 |
| 69+850 | H-1238 | HI-1238-MD | 733009.22 | 9159969.37 | 69+850 | H-1238 | HI-1238-M | 733489.96 | 9159834.46 |
| 69+900 | H-1239 | HI-1239-MD | 733053.19 | 9159993.10 | 69+900 | H-1239 | HI-1239-M | 733526.96 | 9159801.07 |
| 69+950 | H-1240 | HI-1240-MD | 733098.86 | 9160013.46 | 69+950 | H-1240 | HI-1240-M | 733559.57 | 9159765.37 |
| 70+000 | H-1241 | HI-1241-MD | 733144.52 | 9160033.82 | 70+000 | H-1241 | HI-1241-M | 733601.15 | 9159742.56 |
| 70+050 | H-1242 | HI-1242-MD | 733190.19 | 9160054.17 | 70+050 | H-1242 | HI-1242-M | 733648.11 | 9159725.43 |
| 70+100 | H-1243 | HI-1243-MD | 733236.02 | 9160074.16 | 70+100 | H-1243 | HI-1243-M | 733697.70 | 9159721.53 |
| 70+150 | H-1244 | HI-1244-MD | 733281.73 | 9160094.42 | 70+150 | H-1244 | HI-1244-M | 733746.89 | 9159728.03 |
| 70+200 | H-1245 | HI-1245-MD | 733327.13 | 9160115.36 | 70+200 | H-1245 | HI-1245-M | 733796.64 | 9159728.38 |
| 70+250 | H-1246 | HI-1246-MD | 733361.38 | 9160149.52 | 70+250 | H-1246 | HI-1246-M | 733846.13 | 9159735.50 |
| 70+300 | H-1247 | HI-1247-MD | 733408.78 | 9160162.55 | 70+300 | H-1247 | HI-1247-M | 733895.10 | 9159745.53 |
| 70+350 | H-1248 | HI-1248-MD | 733458.16 | 9160170.43 | 70+350 | H-1248 | HI-1248-M | 733943.81 | 9159756.79 |
| 70+400 | H-1249 | HI-1249-MD | 733507.41 | 9160179.00 | 70+400 | H-1249 | HI-1249-M | 733992.09 | 9159769.68 |
| 70+450 | H-1250 | HI-1250-MD | 733556.79 | 9160186.86 | 70+450 | H-1250 | HI-1250-M | 734041.62 | 9159775.81 |
| 70+500 | H-1251 | HI-1251-MD | 733606.08 | 9160195.28 | 70+500 | H-1251 | HI-1251-M | 734091.13 | 9159770.75 |
| 70+550 | H-1252 | HI-1252-MD | 733655.37 | 9160203.64 | 70+550 | H-1252 | HI-1252-M | 734141.04 | 9159773.52 |
| 70+600 | H-1253 | HI-1253-MD | 733704.69 | 9160211.89 | 70+600 | H-1253 | HI-1253-M | 734187.65 | 9159764.50 |
| 70+650 | H-1254 | HI-1254-MD | 733754.00 | 9160220.15 | 70+650 | H-1254 | HI-1254-M | 734234.19 | 9159753.37 |
| 70+700 | H-1255 | HI-1255-MD | 733803.31 | 9160228.43 | 70+700 | H-1255 | HI-1255-M | 734277.80 | 9159737.61 |
| 70+750 | H-1256 | HI-1256-MD | 733852.62 | 9160236.72 | 70+750 | H-1256 | HI-1256-M | 734323.19 | 9159756.64 |
| 70+800 | H-1257 | HI-1257-MD | 733901.92 | 9160245.03 | 70+800 | H-1257 | HI-1257-M | 734369.36 | 9159770.26 |
| 70+850 | H-1258 | HI-1258-MD | 733951.23 | 9160253.35 | 70+850 | H-1258 | HI-1258-M | 734416.36 | 9159755.02 |
| 70+900 | H-1259 | HI-1259-MD | 734000.54 | 9160261.62 | 70+900 | H-1259 | HI-1259-M | 734465.41 | 9159749.53 |
| 70+950 | H-1260 | HI-1260-MD | 734049.86 | 9160269.83 | 70+950 | H-1260 | HI-1260-M | 734497.31 | 9159714.86 |
| 71+000 | H-1261 | HI-1261-MD | 734099.19 | 9160277.95 | 71+000 | H-1261 | HI-1261-M | 734544.78 | 9159720.65 |
| 71+050 | H-1262 | HI-1262-MD | 734149.01 | 9160277.95 | 71+050 | H-1262 | HI-1262-M | 734584.58 | 9159750.25 |
| 71+100 | H-1263 | HI-1263-MD | 734198.95 | 9160275.48 | 71+100 | H-1263 | HI-1263-M | 734625.12 | 9159776.16 |
| 71+150 | H-1264 | HI-1264-MD | 734248.89 | 9160273.19 | 71+150 | H-1264 | HI-1264-M | 734674.07 | 9159785.98 |
| 71+200 | H-1265 | HI-1265-MD | 734298.86 | 9160271.27 | 71+200 | H-1265 | HI-1265-M | 734723.45 | 9159789.22 |
| 71+250 | H-1266 | HI-1266-MD | 734348.81 | 9160269.19 | 71+250 | H-1266 | HI-1266-M | 734771.55 | 9159778.96 |
| 71+300 | H-1267 | HI-1267-MD | 734398.76 | 9160266.84 | 71+300 | H-1267 | HI-1267-M | 734821.54 | 9159778.51 |
| 71+350 | H-1268 | HI-1268-MD | 734448.70 | 9160264.50 | 71+350 | H-1268 | HI-1268-M | 734871.46 | 9159777.86 |
| 71+400 | H-1269 | HI-1269-MD | 734498.66 | 9160262.53 | 71+400 | H-1269 | HI-1269-M | 734919.97 | 9159787.39 |
| 71+450 | H-1270 | HI-1270-MD | 734548.63 | 9160260.56 | 71+450 | H-1270 | HI-1270-M | 734962.79 | 9159810.75 |
| 71+500 | H-1271 | HI-1271-MD | 734598.59 | 9160258.59 | 71+500 | H-1271 | HI-1271-M | 735010.09 | 9159826.80 |
| 71+550 | H-1272 | HI-1272-MD | 734648.56 | 9160256.87 | 71+550 | H-1272 | HI-1272-M | 735059.26 | 9159833.44 |
| 71+600 | H-1273 | HI-1273-MD | 734698.53 | 9160255.18 | 71+600 | H-1273 | HI-1273-M | 735104.50 | 9159820.85 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|--------|------------|-----------|------------|------------------|--------|-----------|-----------|------------|
| 71+650 | H-1274 | HI-1274-MD | 734748.45 | 9160252.38 | 71+650 | H-1274 | HI-1274-M | 735148.57 | 9159798.27 |
| 71+700 | H-1275 | HI-1275-MD | 734798.39 | 9160249.95 | 71+700 | H-1275 | HI-1275-M | 735188.13 | 9159767.92 |
| 71+750 | H-1276 | HI-1276-MD | 734848.34 | 9160247.80 | 71+750 | H-1276 | HI-1276-M | 735232.59 | 9159745.07 |
| 71+800 | H-1277 | HI-1277-MD | 734898.29 | 9160245.64 | 71+800 | H-1277 | HI-1277-M | 735279.97 | 9159730.07 |
| 71+850 | H-1278 | HI-1278-MD | 734948.26 | 9160243.79 | 71+850 | H-1278 | HI-1278-M | 735329.59 | 9159736.18 |
| 71+900 | H-1279 | HI-1279-MD | 734998.23 | 9160242.01 | 71+900 | H-1279 | HI-1279-M | 735379.38 | 9159740.74 |
| 71+950 | H-1280 | HI-1280-MD | 735048.19 | 9160240.00 | 71+950 | H-1280 | HI-1280-M | 735429.19 | 9159745.01 |
| 72+000 | H-1281 | HI-1281-MD | 735098.14 | 9160237.87 | 72+000 | H-1281 | HI-1281-M | 735478.85 | 9159750.70 |
| 72+050 | H-1282 | HI-1282-MD | 735148.10 | 9160235.88 | 72+050 | H-1282 | HI-1282-M | 735527.99 | 9159759.78 |
| 72+100 | H-1283 | HI-1283-MD | 735198.06 | 9160233.75 | 72+100 | H-1283 | HI-1283-M | 735576.85 | 9159770.37 |
| 72+150 | H-1284 | HI-1284-MD | 735248.02 | 9160231.71 | 72+150 | H-1284 | HI-1284-M | 735618.25 | 9159792.46 |
| 72+200 | H-1285 | HI-1285-MD | 735297.89 | 9160229.14 | 72+200 | H-1285 | HI-1285-M | 735666.87 | 9159787.77 |
| 72+250 | H-1286 | HI-1286-MD | 735346.78 | 9160218.63 | 72+250 | H-1286 | HI-1286-M | 735715.85 | 9159780.76 |
| 72+300 | H-1287 | HI-1287-MD | 735395.56 | 9160207.69 | 72+300 | H-1287 | HI-1287-M | 735765.43 | 9159783.36 |
| 72+350 | H-1288 | HI-1288-MD | 735444.26 | 9160196.33 | 72+350 | H-1288 | HI-1288-M | 735815.04 | 9159778.08 |
| 72+400 | H-1289 | HI-1289-MD | 735492.90 | 9160184.77 | 72+400 | H-1289 | HI-1289-M | 735863.87 | 9159767.77 |
| 72+450 | H-1290 | HI-1290-MD | 735541.62 | 9160173.51 | 72+450 | H-1290 | HI-1290-M | 735912.32 | 9159762.53 |
| 72+500 | H-1291 | HI-1291-MD | 735590.31 | 9160162.15 | 72+500 | H-1291 | HI-1291-M | 735961.56 | 9159769.46 |
| 72+550 | H-1292 | HI-1292-MD | 735638.96 | 9160150.63 | 72+550 | H-1292 | HI-1292-M | 736007.18 | 9159789.38 |
| 72+600 | H-1293 | HI-1293-MD | 735687.64 | 9160139.20 | 72+600 | H-1293 | HI-1293-M | 736053.26 | 9159808.10 |
| 72+650 | H-1294 | HI-1294-MD | 735736.33 | 9160127.84 | 72+650 | H-1294 | HI-1294-M | 736100.66 | 9159822.54 |
| 72+700 | H-1295 | HI-1295-MD | 735785.05 | 9160116.57 | 72+700 | H-1295 | HI-1295-M | 736150.55 | 9159822.51 |
| 72+750 | H-1296 | HI-1296-MD | 735832.76 | 9160110.05 | 72+750 | H-1296 | HI-1296-M | 736200.50 | 9159821.41 |
| 72+800 | H-1297 | HI-1297-MD | 735877.33 | 9160115.48 | 72+800 | H-1297 | HI-1297-M | 736250.37 | 9159824.24 |
| 72+850 | H-1298 | HI-1298-MD | 735921.31 | 9160091.75 | 72+850 | H-1298 | HI-1298-M | 736298.47 | 9159837.61 |
| 72+900 | H-1299 | HI-1299-MD | 735967.24 | 9160072.00 | 72+900 | H-1299 | HI-1299-M | 736345.12 | 9159853.50 |
| 72+950 | H-1300 | HI-1300-MD | 736013.53 | 9160053.11 | 72+950 | H-1300 | HI-1300-M | 736381.33 | 9159883.44 |
| 73+000 | H-1301 | HI-1301-MD | 736061.08 | 9160037.63 | 73+000 | H-1301 | HI-1301-M | 736430.11 | 9159892.46 |
| 73+050 | H-1302 | HI-1302-MD | 736107.70 | 9160053.97 | 73+050 | H-1302 | HI-1302-M | 736480.04 | 9159892.42 |
| 73+100 | H-1303 | HI-1303-MD | 736154.30 | 9160071.95 | 73+100 | H-1303 | HI-1303-M | 736529.89 | 9159889.91 |
| 73+150 | H-1304 | HI-1304-MD | 736201.45 | 9160088.59 | 73+150 | H-1304 | HI-1304-M | 736579.78 | 9159893.27 |
| 73+200 | H-1305 | HI-1305-MD | 736248.58 | 9160105.07 | 73+200 | H-1305 | HI-1305-M | 736629.18 | 9159887.14 |
| 73+250 | H-1306 | HI-1306-MD | 736297.20 | 9160116.73 | 73+250 | H-1306 | HI-1306-M | 736676.52 | 9159898.93 |
| 73+300 | H-1307 | HI-1307-MD | 736344.82 | 9160131.92 | 73+300 | H-1307 | HI-1307-M | 736714.55 | 9159930.65 |
| 73+350 | H-1308 | HI-1308-MD | 736391.62 | 9160149.10 | 73+350 | H-1308 | HI-1308-M | 736755.33 | 9159958.38 |
| 73+400 | H-1309 | HI-1309-MD | 736436.53 | 9160171.08 | 73+400 | H-1309 | HI-1309-M | 736778.76 | 9159999.16 |
| 73+450 | H-1310 | HI-1310-MD | 736480.86 | 9160194.13 | 73+450 | H-1310 | HI-1310-M | 736809.41 | 9160032.50 |
| 73+500 | H-1311 | HI-1311-MD | 736526.50 | 9160184.32 | 73+500 | H-1311 | HI-1311-M | 736858.86 | 9160039.80 |
| 73+550 | H-1312 | HI-1312-MD | 736574.47 | 9160197.42 | 73+550 | H-1312 | HI-1312-M | 736908.45 | 9160046.21 |
| 73+600 | H-1313 | HI-1313-MD | 736612.61 | 9160228.40 | 73+600 | H-1313 | HI-1313-M | 736957.51 | 9160055.61 |
| 73+650 | H-1314 | HI-1314-MD | 736638.72 | 9160271.05 | 73+650 | H-1314 | HI-1314-M | 737006.32 | 9160066.44 |
| 73+700 | H-1315 | HI-1315-MD | 736674.36 | 9160306.04 | 73+700 | H-1315 | HI-1315-M | 737055.47 | 9160075.46 |
| 73+750 | H-1316 | HI-1316-MD | 736708.51 | 9160342.44 | 73+750 | H-1316 | HI-1316-M | 737105.34 | 9160076.72 |
| 73+800 | H-1317 | HI-1317-MD | 736748.14 | 9160372.27 | 73+800 | H-1317 | HI-1317-M | 737154.91 | 9160075.07 |
| 73+850 | H-1318 | HI-1318-MD | 736796.75 | 9160380.97 | 73+850 | H-1318 | HI-1318-M | 737202.47 | 9160085.35 |
| 73+900 | H-1319 | HI-1319-MD | 736846.52 | 9160385.79 | 73+900 | H-1319 | HI-1319-M | 737250.84 | 9160094.67 |
| 73+950 | H-1320 | HI-1320-MD | 736896.06 | 9160392.53 | 73+950 | H-1320 | HI-1320-M | 737296.85 | 9160112.90 |
| 74+000 | H-1321 | HI-1321-MD | 736945.68 | 9160398.66 | 74+000 | H-1321 | HI-1321-M | 737331.91 | 9160148.40 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|--------|------------|-----------|------------|------------------|--------|-----------|-----------|------------|
| 74+050 | H-1322 | HI-1322-MD | 736995.31 | 9160404.67 | 74+050 | H-1322 | HI-1322-M | 737380.17 | 9160155.61 |
| 74+100 | H-1323 | HI-1323-MD | 737044.07 | 9160415.17 | 74+100 | H-1323 | HI-1323-M | 737422.56 | 9160130.05 |
| 74+150 | H-1324 | HI-1324-MD | 737092.79 | 9160425.85 | 74+150 | H-1324 | HI-1324-M | 737462.75 | 9160101.24 |
| 74+200 | H-1325 | HI-1325-MD | 737142.49 | 9160431.03 | 74+200 | H-1325 | HI-1325-M | 737508.66 | 9160087.61 |
| 74+250 | H-1326 | HI-1326-MD | 737192.42 | 9160433.62 | 74+250 | H-1326 | HI-1326-M | 737556.57 | 9160100.15 |
| 74+300 | H-1327 | HI-1327-MD | 737242.35 | 9160436.22 | 74+300 | H-1327 | HI-1327-M | 737602.14 | 9160120.50 |
| 74+350 | H-1328 | HI-1328-MD | 737291.84 | 9160439.95 | 74+350 | H-1328 | HI-1328-M | 737649.31 | 9160136.22 |
| 74+400 | H-1329 | HI-1329-MD | 737330.82 | 9160471.24 | 74+400 | H-1329 | HI-1329-M | 737697.55 | 9160149.18 |
| 74+450 | H-1330 | HI-1330-MD | 737374.78 | 9160492.47 | 74+450 | H-1330 | HI-1330-M | 737745.37 | 9160161.84 |
| 74+500 | H-1331 | HI-1331-MD | 737382.91 | 9160534.72 | 74+500 | H-1331 | HI-1331-M | 737793.94 | 9160173.46 |
| 74+550 | H-1332 | HI-1332-MD | 737414.40 | 9160568.91 | 74+550 | H-1332 | HI-1332-M | 737843.06 | 9160182.31 |
| 74+600 | H-1333 | HI-1333-MD | 737463.35 | 9160574.51 | 74+600 | H-1333 | HI-1333-M | 737891.84 | 9160191.69 |
| 74+650 | H-1334 | HI-1334-MD | 737511.68 | 9160562.19 | 74+650 | H-1334 | HI-1334-M | 737938.87 | 9160207.58 |
| 74+700 | H-1335 | HI-1335-MD | 737558.90 | 9160545.76 | 74+700 | H-1335 | HI-1335-M | 737981.63 | 9160232.41 |
| 74+750 | H-1336 | HI-1336-MD | 737602.99 | 9160559.60 | 74+750 | H-1336 | HI-1336-M | 738019.51 | 9160264.75 |
| 74+800 | H-1337 | HI-1337-MD | 737645.04 | 9160581.78 | 74+800 | H-1337 | HI-1337-M | 738055.66 | 9160298.51 |
| 74+850 | H-1338 | HI-1338-MD | 737694.95 | 9160579.83 | 74+850 | H-1338 | HI-1338-M | 738101.92 | 9160311.51 |
| 74+900 | H-1339 | HI-1339-MD | 737744.90 | 9160578.06 | 74+900 | H-1339 | HI-1339-M | 738148.96 | 9160327.82 |
| 74+950 | H-1340 | HI-1340-MD | 737794.84 | 9160575.73 | 74+950 | H-1340 | HI-1340-M | 738196.77 | 9160331.92 |
| 75+000 | H-1341 | HI-1341-MD | 737844.80 | 9160573.66 | 75+000 | H-1341 | HI-1341-M | 738244.98 | 9160332.12 |
| 75+050 | H-1342 | HI-1342-MD | 737894.77 | 9160571.95 | 75+050 | H-1342 | HI-1342-M | 738289.16 | 9160333.66 |
| 75+100 | H-1343 | HI-1343-MD | 737944.71 | 9160569.51 | 75+100 | H-1343 | HI-1343-M | 738328.50 | 9160305.61 |
| 75+150 | H-1344 | HI-1344-MD | 737994.67 | 9160567.50 | 75+150 | H-1344 | HI-1344-M | 738375.38 | 9160291.42 |
| 75+200 | H-1345 | HI-1345-MD | 738044.65 | 9160565.96 | 75+200 | H-1345 | HI-1345-M | 738423.74 | 9160286.54 |
| 75+250 | H-1346 | HI-1346-MD | 738089.54 | 9160578.90 | 75+250 | H-1346 | HI-1346-M | 738473.05 | 9160293.74 |
| 75+300 | H-1347 | HI-1347-MD | 738136.15 | 9160580.95 | 75+300 | H-1347 | HI-1347-M | 738521.75 | 9160304.91 |
| 75+350 | H-1348 | HI-1348-MD | 738183.10 | 9160564.60 | 75+350 | H-1348 | HI-1348-M | 738568.98 | 9160320.21 |
| 75+400 | H-1349 | HI-1349-MD | 738230.67 | 9160550.31 | 75+400 | H-1349 | HI-1349-M | 738616.35 | 9160329.29 |
| 75+450 | H-1350 | HI-1350-MD | 738276.70 | 9160531.54 | 75+450 | H-1350 | HI-1350-M | 738658.70 | 9160355.06 |
| 75+500 | H-1351 | HI-1351-MD | 738324.25 | 9160541.62 | 75+500 | H-1351 | HI-1351-M | 738699.25 | 9160379.03 |
| 75+550 | H-1352 | HI-1352-MD | 738370.63 | 9160560.27 | 75+550 | H-1352 | HI-1352-M | 738738.59 | 9160408.86 |
| 75+600 | H-1353 | HI-1353-MD | 738417.43 | 9160577.86 | 75+600 | H-1353 | HI-1353-M | 738780.88 | 9160430.01 |
| 75+650 | H-1354 | HI-1354-MD | 738465.45 | 9160591.53 | 75+650 | H-1354 | HI-1354-M | 738830.75 | 9160427.87 |
| 75+700 | H-1355 | HI-1355-MD | 738514.88 | 9160598.25 | 75+700 | H-1355 | HI-1355-M | 738880.59 | 9160428.61 |
| 75+750 | H-1356 | HI-1356-MD | 738564.66 | 9160602.72 | 75+750 | H-1356 | HI-1356-M | 738920.50 | 9160450.40 |
| 75+800 | H-1357 | HI-1357-MD | 738614.54 | 9160599.78 | 75+800 | H-1357 | HI-1357-M | 738933.83 | 9160497.98 |
| 75+850 | H-1358 | HI-1358-MD | 738664.35 | 9160601.32 | 75+850 | H-1358 | HI-1358-M | 738952.61 | 9160544.03 |
| 75+900 | H-1359 | HI-1359-MD | 738712.16 | 9160615.07 | 75+900 | H-1359 | HI-1359-M | 738971.09 | 9160590.46 |
| 75+950 | H-1360 | HI-1360-MD | 738756.16 | 9160638.73 | 75+950 | H-1360 | HI-1360-M | 738998.06 | 9160631.68 |
| 76+000 | H-1361 | HI-1361-MD | 738799.74 | 9160663.25 | 76+000 | H-1361 | HI-1361-M | 739038.57 | 9160655.32 |
| 76+050 | H-1362 | HI-1362-MD | 738823.31 | 9160701.32 | 76+050 | H-1362 | HI-1362-M | 739085.66 | 9160670.53 |
| 76+100 | H-1363 | HI-1363-MD | 738832.51 | 9160749.18 | 76+100 | H-1363 | HI-1363-M | 739120.82 | 9160705.31 |
| 76+150 | H-1364 | HI-1364-MD | 738847.31 | 9160796.92 | 76+150 | H-1364 | HI-1364-M | 739151.45 | 9160744.64 |
| 76+200 | H-1365 | HI-1365-MD | 738865.66 | 9160843.36 | 76+200 | H-1365 | HI-1365-M | 739183.24 | 9160783.07 |
| 76+250 | H-1366 | HI-1366-MD | 738906.53 | 9160868.78 | 76+250 | H-1366 | HI-1366-M | 739207.47 | 9160823.15 |
| 76+300 | H-1367 | HI-1367-MD | 738955.53 | 9160877.80 | 76+300 | H-1367 | HI-1367-M | 739242.25 | 9160856.73 |
| 76+350 | H-1368 | HI-1368-MD | 739002.89 | 9160891.82 | 76+350 | H-1368 | HI-1368-M | 739270.71 | 9160897.65 |
| 76+400 | H-1369 | HI-1369-MD | 739048.41 | 9160912.42 | 76+400 | H-1369 | HI-1369-M | 739280.28 | 9160944.85 |



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| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|--------|------------|-----------|------------|------------------|--------|-----------|-----------|------------|
| 76+450 | H-1370 | HI-1370-MD | 739092.63 | 9160935.03 | 76+450 | H-1370 | HI-1370-M | 739287.57 | 9160994.29 |
| 76+500 | H-1371 | HI-1371-MD | 739099.57 | 9160981.44 | 76+500 | H-1371 | HI-1371-M | 739309.70 | 9161038.93 |
| 76+550 | H-1372 | HI-1372-MD | 739109.87 | 9161029.85 | 76+550 | H-1372 | HI-1372-M | 739339.88 | 9161078.27 |
| 76+600 | H-1373 | HI-1373-MD | 739132.44 | 9161074.39 | 76+600 | H-1373 | HI-1373-M | 739355.48 | 9161125.54 |
| 76+650 | H-1374 | HI-1374-MD | 739164.12 | 9161112.64 | 76+650 | H-1374 | HI-1374-M | 739382.15 | 9161166.85 |
| 76+700 | H-1375 | HI-1375-MD | 739199.84 | 9161146.59 | 76+700 | H-1375 | HI-1375-M | 739425.31 | 9161188.27 |
| 76+750 | H-1376 | HI-1376-MD | 739196.89 | 9161192.80 | 76+750 | H-1376 | HI-1376-M | 739442.30 | 9161234.82 |
| 76+800 | H-1377 | HI-1377-MD | 739184.11 | 9161240.75 | 76+800 | H-1377 | HI-1377-M | 739449.25 | 9161282.90 |
| 76+850 | H-1378 | HI-1378-MD | 739178.53 | 9161290.43 | 76+850 | H-1378 | HI-1378-M | 739440.72 | 9161329.60 |
| 76+900 | H-1379 | HI-1379-MD | 739190.00 | 9161338.66 | 76+900 | H-1379 | HI-1379-M | 739431.18 | 9161374.56 |
| 76+950 | H-1380 | HI-1380-MD | 739215.81 | 9161380.81 | 76+950 | H-1380 | HI-1380-M | 739424.73 | 9161422.62 |
| 77+000 | H-1381 | HI-1381-MD | 739217.12 | 9161430.08 | 77+000 | H-1381 | HI-1381-M | 739411.12 | 9161470.73 |
| 77+050 | H-1382 | HI-1382-MD | 739208.82 | 9161478.52 | 77+050 | H-1382 | HI-1382-M | 739409.97 | 9161519.11 |
| 77+100 | H-1383 | HI-1383-MD | 739207.57 | 9161527.72 | 77+100 | H-1383 | HI-1383-M | 739433.27 | 9161562.68 |
| 77+150 | H-1384 | HI-1384-MD | 739206.24 | 9161577.42 | 77+150 | H-1384 | HI-1384-M | 739457.16 | 9161606.32 |
| 77+200 | H-1385 | HI-1385-MD | 739206.54 | 9161626.51 | 77+200 | H-1385 | HI-1385-M | 739490.48 | 9161643.49 |
| 77+250 | H-1386 | HI-1386-MD | 739192.07 | 9161674.33 | 77+250 | H-1386 | HI-1386-M | 739525.56 | 9161679.11 |
| 77+300 | H-1387 | HI-1387-MD | 739184.58 | 9161723.47 | 77+300 | H-1387 | HI-1387-M | 739556.27 | 9161717.44 |
| 77+350 | H-1388 | HI-1388-MD | 739184.29 | 9161773.42 | 77+350 | H-1388 | HI-1388-M | 739601.25 | 9161727.27 |
| 77+400 | H-1389 | HI-1389-MD | 739189.50 | 9161822.04 | 77+400 | H-1389 | HI-1389-M | 739650.34 | 9161733.12 |
| 77+450 | H-1390 | HI-1390-MD | 739178.08 | 9161870.23 | 77+450 | H-1390 | HI-1390-M | 739698.21 | 9161741.48 |
| 77+500 | H-1391 | HI-1391-MD | 739159.17 | 9161915.07 | 77+500 | H-1391 | HI-1391-M | 739743.36 | 9161721.22 |
| 77+550 | H-1392 | HI-1392-MD | 739170.52 | 9161963.34 | 77+550 | H-1392 | HI-1392-M | 739791.52 | 9161715.34 |
| 77+600 | H-1393 | HI-1393-MD | 739200.87 | 9162001.84 | 77+600 | H-1393 | HI-1393-M | 739835.68 | 9161738.13 |
| 77+650 | H-1394 | HI-1394-MD | 739248.29 | 9162017.12 | 77+650 | H-1394 | HI-1394-M | 739884.01 | 9161746.87 |
| 77+700 | H-1395 | HI-1395-MD | 739296.64 | 9162029.81 | 77+700 | H-1395 | HI-1395-M | 739924.07 | 9161770.26 |
| 77+750 | H-1396 | HI-1396-MD | 739341.87 | 9162050.26 | 77+750 | H-1396 | HI-1396-M | 739949.39 | 9161812.27 |
| 77+800 | H-1397 | HI-1397-MD | 739387.44 | 9162069.88 | 77+800 | H-1397 | HI-1397-M | 739976.37 | 9161854.11 |
| 77+850 | H-1398 | HI-1398-MD | 739436.96 | 9162066.56 | 77+850 | H-1398 | HI-1398-M | 739997.32 | 9161897.56 |
| 77+900 | H-1399 | HI-1399-MD | 739483.11 | 9162084.22 | 77+900 | H-1399 | HI-1399-M | 740040.57 | 9161920.10 |
| 77+950 | H-1400 | HI-1400-MD | 739532.32 | 9162082.27 | 77+950 | H-1400 | HI-1400-M | 740072.58 | 9161958.49 |
| 78+000 | H-1401 | HI-1401-MD | 739579.56 | 9162071.87 | 78+000 | H-1401 | HI-1401-M | 740104.99 | 9161995.06 |
| 78+050 | H-1402 | HI-1402-MD | 739617.02 | 9162040.98 | 78+050 | H-1402 | HI-1402-M | 740154.55 | 9161999.77 |
| 78+100 | H-1403 | HI-1403-MD | 739666.84 | 9162037.05 | 78+100 | H-1403 | HI-1403-M | 740192.98 | 9161972.47 |
| 78+150 | H-1404 | HI-1404-MD | 739716.69 | 9162038.32 | 78+150 | H-1404 | HI-1404-M | 740241.69 | 9161976.04 |
| 78+200 | H-1405 | HI-1405-MD | 739765.93 | 9162046.78 | 78+200 | H-1405 | HI-1405-M | 740287.05 | 9161981.87 |
| 78+250 | H-1406 | HI-1406-MD | 739814.58 | 9162058.25 | 78+250 | H-1406 | HI-1406-M | 740334.46 | 9161992.07 |
| 78+300 | H-1407 | HI-1407-MD | 739859.84 | 9162079.17 | 78+300 | H-1407 | HI-1407-M | 740381.92 | 9161997.04 |
| 78+350 | H-1408 | HI-1408-MD | 739903.25 | 9162103.87 | 78+350 | H-1408 | HI-1408-M | 740417.71 | 9162028.31 |
| 78+400 | H-1409 | HI-1409-MD | 739944.67 | 9162131.86 | 78+400 | H-1409 | HI-1409-M | 740463.97 | 9162037.77 |
| 78+450 | H-1410 | HI-1410-MD | 739985.83 | 9162160.24 | 78+450 | H-1410 | HI-1410-M | 740513.40 | 9162045.28 |
| 78+500 | H-1411 | HI-1411-MD | 740027.10 | 9162188.46 | 78+500 | H-1411 | HI-1411-M | 740560.25 | 9162062.51 |
| 78+550 | H-1412 | HI-1412-MD | 740069.63 | 9162214.73 | 78+550 | H-1412 | HI-1412-M | 740609.24 | 9162070.07 |
| 78+600 | H-1413 | HI-1413-MD | 740109.91 | 9162244.16 | 78+600 | H-1413 | HI-1413-M | 740659.17 | 9162068.00 |
| 78+650 | H-1414 | HI-1414-MD | 740149.47 | 9162274.51 | 78+650 | H-1414 | HI-1414-M | 740707.54 | 9162058.56 |
| 78+700 | H-1415 | HI-1415-MD | 740194.68 | 9162295.64 | 78+700 | H-1415 | HI-1415-M | 740756.79 | 9162065.48 |
| 78+750 | H-1416 | HI-1416-MD | 740242.27 | 9162310.71 | 78+750 | H-1416 | HI-1416-M | 740806.72 | 9162066.61 |
| 78+800 | H-1417 | HI-1417-MD | 740281.02 | 9162341.45 | 78+800 | H-1417 | HI-1417-M | 740856.29 | 9162065.57 |



LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84

| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
|----------------|--------|------------|-----------|------------|------------------|--------|-----------|-----------|------------|
| 78+850 | H-1418 | HI-1418-MD | 740314.62 | 9162378.44 | 78+850 | H-1418 | HI-1418-M | 740904.11 | 9162052.89 |
| 78+900 | H-1419 | HI-1419-MD | 740358.45 | 9162401.73 | 78+900 | H-1419 | HI-1419-M | 740949.73 | 9162036.70 |
| 78+950 | H-1420 | HI-1420-MD | 740403.46 | 9162423.42 | 78+950 | H-1420 | HI-1420-M | 740997.94 | 9162025.46 |
| 79+000 | H-1421 | HI-1421-MD | 740450.07 | 9162434.69 | 79+000 | H-1421 | HI-1421-M | 741047.00 | 9162016.51 |
| 79+050 | H-1422 | HI-1422-MD | 740500.02 | 9162436.97 | 79+050 | H-1422 | HI-1422-M | 741096.46 | 9162020.58 |
| 79+100 | H-1423 | HI-1423-MD | 740549.90 | 9162440.37 | 79+100 | H-1423 | HI-1423-M | 741146.38 | 9162022.82 |
| 79+150 | H-1424 | HI-1424-MD | 740599.64 | 9162445.09 | 79+150 | H-1424 | HI-1424-M | 741196.15 | 9162027.11 |
| 79+200 | H-1425 | HI-1425-MD | 740648.30 | 9162456.30 | 79+200 | H-1425 | HI-1425-M | 741242.60 | 9162026.35 |
| 79+250 | H-1426 | HI-1426-MD | 740696.96 | 9162455.52 | 79+250 | H-1426 | HI-1426-M | 741291.60 | 9162032.56 |
| 79+300 | H-1427 | HI-1427-MD | 740738.10 | 9162428.83 | 79+300 | H-1427 | HI-1427-M | 741338.88 | 9162034.45 |
| 79+350 | H-1428 | HI-1428-MD | 740766.33 | 9162389.79 | 79+350 | H-1428 | HI-1428-M | 741386.01 | 9162050.01 |
| 79+400 | H-1429 | HI-1429-MD | 740775.01 | 9162341.19 | 79+400 | H-1429 | HI-1429-M | 741434.14 | 9162059.28 |
| 79+450 | H-1430 | HI-1430-MD | 740805.77 | 9162303.89 | 79+450 | H-1430 | HI-1430-M | 741480.77 | 9162076.50 |
| 79+500 | H-1431 | HI-1431-MD | 740848.82 | 9162278.61 | 79+500 | H-1431 | HI-1431-M | 741525.19 | 9162099.17 |
| 79+550 | H-1432 | HI-1432-MD | 740893.43 | 9162257.40 | 79+550 | H-1432 | HI-1432-M | 741571.96 | 9162116.84 |
| 79+600 | H-1433 | HI-1433-MD | 740926.84 | 9162221.05 | 79+600 | H-1433 | HI-1433-M | 741618.90 | 9162133.91 |
| 79+650 | H-1434 | HI-1434-MD | 740965.55 | 9162190.27 | 79+650 | H-1434 | HI-1434-M | 741664.83 | 9162153.19 |
| 79+700 | H-1435 | HI-1435-MD | 741004.18 | 9162158.66 | 79+700 | H-1435 | HI-1435-M | 741711.46 | 9162170.21 |
| 79+750 | H-1436 | HI-1436-MD | 741045.43 | 9162130.45 | 79+750 | H-1436 | HI-1436-M | 741757.20 | 9162189.48 |
| 79+800 | H-1437 | HI-1437-MD | 741090.55 | 9162109.23 | 79+800 | H-1437 | HI-1437-M | 741804.79 | 9162203.57 |
| 79+850 | H-1438 | HI-1438-MD | 741138.93 | 9162096.80 | 79+850 | H-1438 | HI-1438-M | 741853.15 | 9162194.90 |
| 79+900 | H-1439 | HI-1439-MD | 741188.05 | 9162091.93 | 79+900 | H-1439 | HI-1439-M | 741899.30 | 9162212.02 |
| 79+950 | H-1440 | HI-1440-MD | 741237.39 | 9162085.22 | 79+950 | H-1440 | HI-1440-M | 741941.70 | 9162237.15 |
| 80+000 | H-1441 | HI-1441-MD | 741287.11 | 9162089.36 | 80+000 | H-1441 | HI-1441-M | 741987.51 | 9162257.13 |
| 80+050 | H-1442 | HI-1442-MD | 741335.11 | 9162103.15 | 80+050 | H-1442 | HI-1442-M | 742030.33 | 9162280.86 |
| 80+100 | H-1443 | HI-1443-MD | 741381.24 | 9162121.78 | 80+100 | H-1443 | HI-1443-M | 742067.64 | 9162313.77 |
| 80+150 | H-1444 | HI-1444-MD | 741426.84 | 9162141.89 | 80+150 | H-1444 | HI-1444-M | 742089.10 | 9162358.93 |
| 80+200 | H-1445 | HI-1445-MD | 741473.57 | 9162159.60 | 80+200 | H-1445 | HI-1445-M | 742104.23 | 9162406.46 |
| 80+250 | H-1446 | HI-1446-MD | 741518.75 | 9162179.81 | 80+250 | H-1446 | HI-1446-M | 742126.86 | 9162449.86 |
| 80+300 | H-1447 | HI-1447-MD | 741567.95 | 9162186.61 | 80+300 | H-1447 | HI-1447-M | 742155.61 | 9162489.92 |
| 80+350 | H-1448 | HI-1448-MD | 741616.27 | 9162199.24 | 80+350 | H-1448 | HI-1448-M | 742181.14 | 9162531.55 |
| 80+400 | H-1449 | HI-1449-MD | 741662.45 | 9162218.16 | 80+400 | H-1449 | HI-1449-M | 742211.40 | 9162571.00 |
| 80+450 | H-1450 | HI-1450-MD | 741708.95 | 9162236.18 | 80+450 | H-1450 | HI-1450-M | 742249.83 | 9162601.50 |
| 80+500 | H-1451 | HI-1451-MD | 741749.32 | 9162263.71 | 80+500 | H-1451 | HI-1451-M | 742271.42 | 9162646.18 |
| 80+550 | H-1452 | HI-1452-MD | 741788.60 | 9162294.45 | 80+550 | H-1452 | HI-1452-M | 742288.43 | 9162693.15 |
| 80+600 | H-1453 | HI-1453-MD | 741828.16 | 9162321.94 | 80+600 | H-1453 | HI-1453-M | 742308.10 | 9162738.99 |
| 80+650 | H-1454 | HI-1454-MD | 741854.30 | 9162363.62 | 80+650 | H-1454 | HI-1454-M | 742331.06 | 9162782.83 |
| 80+700 | H-1455 | HI-1455-MD | 741876.43 | 9162408.40 | 80+700 | H-1455 | HI-1455-M | 742358.50 | 9162823.64 |
| 80+750 | H-1456 | HI-1456-MD | 741905.80 | 9162447.40 | 80+750 | H-1456 | HI-1456-M | 742374.54 | 9162870.92 |
| 80+800 | H-1457 | HI-1457-MD | 741928.58 | 9162491.33 | 80+800 | H-1457 | HI-1457-M | 742402.69 | 9162911.38 |
| 80+850 | H-1458 | HI-1458-MD | 741940.82 | 9162538.02 | 80+850 | H-1458 | HI-1458-M | 742437.66 | 9162946.89 |
| 80+900 | H-1459 | HI-1459-MD | 741955.99 | 9162584.37 | 80+900 | H-1459 | HI-1459-M | 742472.95 | 9162982.26 |
| 80+950 | H-1460 | HI-1460-MD | 741971.33 | 9162630.50 | 80+950 | H-1460 | HI-1460-M | 742507.81 | 9163016.99 |
| 81+000 | H-1461 | HI-1461-MD | 741985.74 | 9162673.81 | 81+000 | H-1461 | HI-1461-M | 742533.26 | 9163059.12 |
| 81+050 | H-1462 | HI-1462-MD | 741981.64 | 9162721.68 | 81+050 | H-1462 | HI-1462-M | 742570.55 | 9163091.50 |
| 81+100 | H-1463 | HI-1463-MD | 742001.41 | 9162767.25 | 81+100 | H-1463 | HI-1463-M | 742609.70 | 9163121.93 |
| 81+150 | H-1464 | HI-1464-MD | 742033.07 | 9162804.95 | 81+150 | H-1464 | HI-1464-M | 742651.61 | 9163148.90 |
| 81+200 | H-1465 | HI-1465-MD | 742064.23 | 9162844.03 | 81+200 | H-1465 | HI-1465-M | 742692.31 | 9163172.83 |
| 81+250 | H-1466 | HI-1466-MD | 742092.82 | 9162884.88 | 81+250 | H-1466 | HI-1466-M | 742734.30 | 9163197.74 |
| 81+300 | H-1467 | HI-1467-MD | 742121.21 | 9162924.93 | 81+300 | H-1467 | HI-1467-M | 742774.33 | 9163226.48 |



| LINDERO EXTERIOR DE LA FAJA MARGINAL EN COORDENADAS UTM WGS84 | | | | | | | | | |
|---|--------|------------|-----------|------------|------------------|--------|-----------|-----------|------------|
| MARGEN DERECHA | | | | | MARGEN IZQUIERDA | | | | |
| 81+350 | H-1468 | HI-1468-MD | 742149.20 | 9162962.89 | 81+350 | H-1468 | HI-1468-M | 742801.82 | 9163266.54 |
| 81+400 | H-1469 | HI-1469-MD | 742185.66 | 9162996.38 | 81+400 | H-1469 | HI-1469-M | 742810.52 | 9163315.04 |
| 81+450 | H-1470 | HI-1470-MD | 742218.88 | 9163033.55 | 81+450 | H-1470 | HI-1470-M | 742831.18 | 9163360.56 |
| 81+500 | H-1471 | HI-1471-MD | 742262.93 | 9163055.52 | 81+500 | H-1471 | HI-1471-M | 742856.76 | 9163403.30 |
| 81+550 | H-1472 | HI-1472-MD | 742294.23 | 9163093.55 | 81+550 | H-1472 | HI-1472-M | 742892.79 | 9163433.87 |
| 81+600 | H-1473 | HI-1473-MD | 742318.94 | 9163135.78 | 81+600 | H-1473 | HI-1473-M | 742900.98 | 9163480.43 |
| 81+650 | H-1474 | HI-1474-MD | 742354.29 | 9163168.92 | 81+650 | H-1474 | HI-1474-M | 742894.84 | 9163529.75 |
| 81+700 | H-1475 | HI-1475-MD | 742394.03 | 9163197.84 | 81+700 | H-1475 | HI-1475-M | 742888.74 | 9163579.10 |
| 81+750 | H-1476 | HI-1476-MD | 742426.26 | 9163235.91 | 81+750 | H-1476 | HI-1476-M | 742875.12 | 9163626.86 |
| 81+800 | H-1477 | HI-1477-MD | 742460.33 | 9163270.96 | 81+800 | H-1477 | HI-1477-M | 742889.35 | 9163671.22 |
| 81+850 | H-1478 | HI-1478-MD | 742506.10 | 9163289.71 | 81+850 | H-1478 | HI-1478-M | 742915.76 | 9163711.78 |
| 81+900 | H-1479 | HI-1479-MD | 742544.81 | 9163318.08 | 81+900 | H-1479 | HI-1479-M | 742915.90 | 9163760.37 |
| 81+950 | H-1480 | HI-1480-MD | 742573.16 | 9163355.08 | 81+950 | H-1480 | HI-1480-M | 742933.25 | 9163804.92 |
| 82+000 | H-1481 | HI-1481-MD | 742590.31 | 9163401.76 | 82+000 | H-1481 | HI-1481-M | 742951.56 | 9163851.25 |
| 82+050 | H-1482 | HI-1482-MD | 742602.02 | 9163449.93 | 82+050 | H-1482 | HI-1482-M | 742964.72 | 9163871.11 |
| 82+100 | H-1483 | HI-1483-MD | 742635.71 | 9163486.51 | | | | | |
| 82+150 | H-1484 | HI-1484-MD | 742648.08 | 9163529.42 | | | | | |
| 82+200 | H-1485 | HI-1485-MD | 742655.10 | 9163573.27 | | | | | |
| 82+250 | H-1486 | HI-1486-MD | 742661.26 | 9163617.10 | | | | | |
| 82+300 | H-1487 | HI-1487-MD | 742657.30 | 9163665.69 | | | | | |
| 82+350 | H-1488 | HI-1488-MD | 742669.65 | 9163709.70 | | | | | |
| 82+400 | H-1489 | HI-1489-MD | 742707.17 | 9163742.46 | | | | | |
| 82+450 | H-1490 | HI-1490-MD | 742743.90 | 9163775.83 | | | | | |
| 82+500 | H-1491 | HI-1491-MD | 742765.53 | 9163820.70 | | | | | |
| 82+550 | H-1492 | HI-1492-MD | 742788.83 | 9163864.88 | | | | | |
| 82+600 | H-1493 | HI-1493-MD | 742811.31 | 9163913.14 | | | | | |

Artículo Segundo.- Precisar, el tramo comprendido entre el km 8+000 hasta el punto de origen del río Chicama, queda vigente en mérito de la Resolución Directoral N° 361-2019-ANA-AAA.H.CH.

Artículo Tercero.- Disponer la prohibición del uso de la faja marginal delimitada, conforme lo establece el artículo 115° del Reglamento de la Ley de Recursos Hídricos.

Artículo Cuarto.- Disponer en coordinación con Autoridad para la Reconstrucción con Cambios, la monumentación de los hitos de los linderos externos de la faja marginal delimitada, de acuerdo a las consideraciones técnicas dispuestas y señaladas en el artículo primero de la presente resolución directoral, cuidando de no ocasionar daños ni perjuicios a terceros.

Artículo Quinto.- Disponer que la Administración Local de Agua Chicama supervise el cumplimiento de lo dispuesto en los artículos precedentes.

Artículo Sexto.- Hacer de conocimiento la presente resolución a la Autoridad para la Reconstrucción con Cambios, Gobierno Regional de La Libertad, Municipalidad Provincial de Ascope, Municipalidad Provincial de Cascas, COFOPRI, Oficina Registral de Trujillo – SUNARP, Dirección de Planeamiento y Desarrollo de los Recursos Hídricos de la Autoridad Nacional del Agua Administración Local de Agua Chicama y su publicación en el portal de la Autoridad Nacional del Agua: www.ana.gob.pe.

Regístrese, comuníquese y publíquese.



Ing. ROBERTO SUING CISNEROS
 Director
 AAA Huarvey Chicama
 Autoridad Nacional del Agua