

ESTUDIO HIDRÁULICO

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1.- INTRODUCCIÓN

La Fundación ELKARLANEAN, GUREAK LANEAN, S.A., Michelin España y Portugal S.A., junto con el Ayuntamiento de Usurbil firmaron el 17 de octubre de 2018 un Convenio Urbanístico por el que se comprometían a impulsar una Modificación Puntual de la Normas Subsidiarias de Planeamiento para el área denominada A-78 (TE) del Término Municipal de Usurbil. Su finalidad era promover la modificación puntual del área A-78 (TE) ZAPATEGI creándose dos áreas de ordenación diferenciadas denominadas A-78 MICHELIN y A-110 ZAPATEGI.

En cumplimiento aquel convenio se impulsó la 3ª MODIFICACIÓN PUNTUAL DE LAS NORMAS SUBSIDIARIAS DE PLANEAMIENTO DEL ÁREA 78 (TE) ZAPATEGI DEL TÉRMINO MUNICIPAL DE USURBIL. Proyecto, que incluso obtuvo su aprobación provisional mediante acuerdo plenario de fecha 31 de octubre de 2019, y que fue informado favorablemente por la COTPV el 19 de febrero de 2020, si bien no fue remitido a la Diputación Foral de Gipuzkoa para su aprobación definitiva debido a que durante la parte final de la tramitación ELKAR FUNDAZIOA tomó la decisión de no continuar con el proyecto como consecuencia de las <<nuevas circunstancias generadas por la pandemia de la COVID-19>>.

Ante esta súbita circunstancia los promotores, intentándose acomodar al nuevo contexto, replantearon parcialmente su programa de necesidades desarrollando una nueva ordenación, que, sin alterar los parámetros de ordenación pormenorizada previos, alteraba las alineaciones de las edificaciones privadas.

En este contexto, el Ayuntamiento de Usurbil con la finalidad de adecuarse a las nuevas necesidades reales ha reflexionado sobre los objetivos urbanísticos y sociales a establecer para este ámbito al objeto de adaptarlos a las exigencias cambiantes del interés público, y de este modo, tener su reflejo en el planeamiento municipal.

La nueva ordenación del área A78 (TE) ZAPATEGI reduce considerablemente la edificabilidad urbanística del ámbito, así como las cargas de urbanización de la misma, de forma que se asegura la viabilidad económica y urbanística del nuevo desarrollo. No obstante, esta nueva 3ª MODIFICACIÓN PUNTUAL DE LAS NORMAS SUBSIDIARIAS DE PLANEAMIENTO PARA EL A-78 (TE) de Usurbil es impulsada teniendo en cuenta:

- El mantenimiento de la ordenación pormenorizada del espacio público anterior, sobre todo en cuanto a las superficies dotacionales anteriormente avanzadas.
- El mantenimiento de las condiciones de acceso al área determinadas en el proyecto preliminar.
- El mantenimiento de las condiciones de inundabilidad definidas en el Estudio Hidráulico cuyo informe favorable tiene como referencia **IAU-2019-0338 (3HI-76/19-P05-A) KKH/CHC Ref. ICA/20/2019/0017**.
- El mantenimiento de las condiciones de naturalización de la Regata Urbil.
- El mantenimiento de las condiciones relativas a las actuaciones en el Dominio Público Hidráulico.
- Modificación de las alineaciones de los edificios proyectados (fuera de la zona de Flujo Preferente).

Aunque el nuevo planeamiento se ciñe exclusivamente a las parcelas privadas, la modificación tiene el suficiente calado como para requerir el <<re-inicio>> su tramitación administrativa desde el momento de su aprobación inicial.

Esta nueva 3ª MODIFICACIÓN PUNTUAL DE LAS NORMAS SUBSIDIARIAS DE PLANEAMIENTO PARA EL A-78 (TE) de Usurbil mantiene la delimitación del área recogida en la anterior 3ª MODIFICACIÓN DE LAS NORMAS SUBSIDIARIAS DE PLANEAMIENTO DEL ÁREA A78 (TE) ZAPATEGI del Término Municipal de Usurbil, incluyendo los 5.502,87 m² de terreno adquiridos a lo largo del río Oria y que se destinan a <<**Zona verde de protección de ribera**>> y en las que no se prevé intervención alguna.

En concordancia con lo recogido en el Convenio suscrito en 2018 y el nuevo de 2021, la 3ª Modificación de NNSS del área A78 (TE) ZAPATEGI y en el proceso de redacción del futuro Plan General de Ordenación Urbana en el que está inmerso el Ayuntamiento de Usurbil, los criterios generales de reordenación del área que se mantienen son los siguientes:

- Crear una conexión urbana buscando el enlace entre tejidos antiguos y nuevos, para lograr una buena conexión peatonal y ciclista, y en la medida de lo posible una visual con el río. La conexión peatonal y ciclista se realiza a través de una zona verde de regeneración/naturalización creada junto a la regata que rodea el ámbito.
- Optimizar el suelo de forma que el nuevo ámbito a urbanizar busque un equilibrio entre, por un lado el suelo y la forma de ocupación de las parcelas privadas y el acceso a las mismas, y por otro, el suelo destinado a espacio público.
- Combinar diferentes usos de actividades económicas industriales aprovechando la capacidad de atracción del emplazamiento, sus conexiones y servicios.
- Crear nuevas zonas verdes que conecten con el territorio circundante generando un corredor verde que asocie los espacios de naturaleza con los urbanos.

En cumplimiento de lo establecido en los artículos 4 y 5 de la Ley 2/2006, 30 de junio, de Suelo y Urbanismo, únicamente el interés público legitima la ordenación de la utilización del suelo por el planeamiento urbanístico. A estos efectos la potestad de ordenación urbanística se ejercerá observando las siguientes reglas:

- Información suficiente sobre la realidad existente y sobre una valoración razonable de la previsible evolución de ésta.
- Ponderación razonada de todos los intereses y las necesidades, públicos y privados, de los fines de la función pública urbanística y de los principios que conforme a la ley 2/2006 deben informarla.
- Expresión en opciones y decisiones suficientemente motivadas y adecuadamente proporcionadas respecto a los objetivos perseguidos.

Lo expuesto afecta a determinaciones de ordenación urbanística estructural, y en cumplimiento de lo establecido en el artículo 53 de la Ley 2/2006, de 30 de junio, de Suelo y Urbanismo, deberán de reflejarse en el expediente de Modificación de las Normas Subsidiarias de USURBIL y que deberá ser informado por los organismos sectoriales afectados.

Como se ha explicado, la 3ª Modificación de las Normas Subsidiaria de Planeamiento del área A78 (TE) ZAPATEGI no fue aprobada definitivamente por la Diputación Foral, por lo que el Ayuntamiento de Usurbil **propone reordenar el área, respetando la mayor parte de los aspectos ya definidos en el documento inicialmente tramitado**, tales como, y sobre todo: la delimitación de las nuevas áreas, las condiciones de ordenación objeto de informes sectoriales etc. y la reducción de la edificabilidad urbanística. Este hecho conlleva a **reformular la 3ª Modificación de las Normas Subsidiaria de Planeamiento del área A78 (TE) ZAPATEGI y otorgarle una nueva aprobación inicial**.

Es preciso recordar en este punto que con fecha 04 de septiembre de 2020 el organismo de cuenca remitió comunicación de los informes favorables de URA, Ur Agentzia y Confederación Hidrográfica del Cantábrico Oriental con relación a la aprobación provisional de la 3ª MODIFICACION PUNTUAL DEL AREA A-78 (TE) ZAPATEGI del Texto Refundido de la Normas Subsidiarias de Planeamiento de Usurbil cuya referencia es **IAU-2019-0338 (3HI-76/19-P05-A) KKH/CHC Ref. ICA/20/2019/0017**.

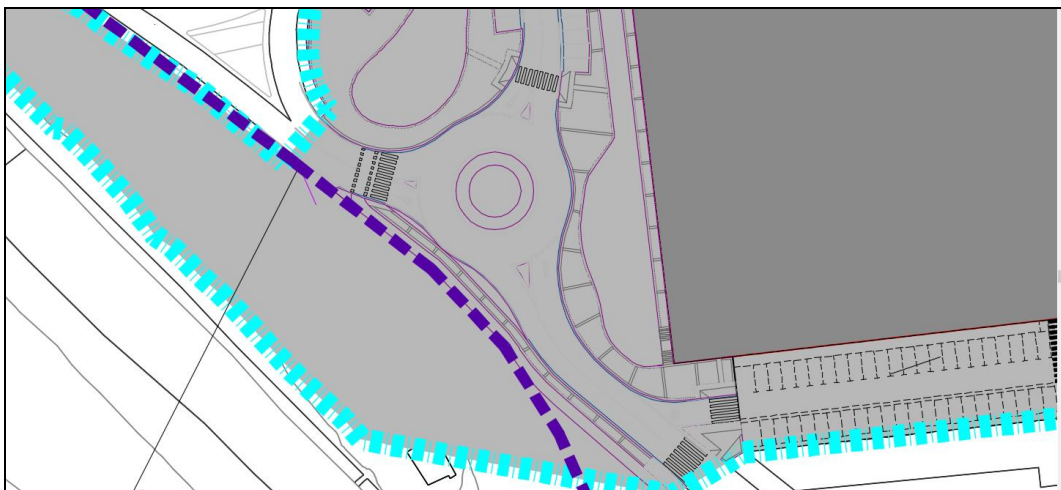
En consecuencia, y recogiendo las directrices mencionadas en dichos informes, se desarrolla el presente Estudio Hidráulico al objeto de comparar, ya con el modelo elaborado por URA, que es el que refleja la inundabilidad oficial y del SNCZI, la situación actual del tramo del río Oria afectado por la nueva ordenación prevista para el área A-78 ZAPATEGI del municipio de Usurbil, y la situación futura, una vez que se desarrolle eventualmente la urbanización prevista.

Reuniendo por tanto los pronunciamientos antes mencionados se manifiesta que el alcance de las modificaciones señaladas se circunscribe exclusivamente al trazado de unas nuevas alineaciones para los edificios privativos proyectados. Se mantienen por tanto el resto de los condicionantes, sobre todo aquellos referidos, tal y como se demuestra en el Presente Estudio Hidráulico, a las condiciones de Inundabilidad y actuaciones en el Dominio Público Hidráulico.

- En relación con el punto 1, en soporte informativo adjunto, se incluye el modelo hidráulico en formato HEC-RAS 5.0.7. Por otro lado, en el apartado 12 de esta misma memoria se anexa como plano a este estudio hidráulico la situación en planta del muro perimetral, así como el alzado de dicho muro. En figura adjunta se muestra la alineación de este muro (línea azul).



- En relación con el punto 2, se modifica el área A-78 ZAPATEGI, desplazando la ubicación del bidegorri y la rotonda de acceso al área, desplazándolo fuera de la zona de flujo preferente. Se muestra en la figura la ubicación de la línea de la Zona de Flujo Preferente (línea morada discontinua) y la situación de la rotonda con el <<Bidegorri>>.



- En relación con el punto 3, se adopta la eliminación de la pasarela existente.

2.- ESTUDIO HIDRÁULICO.

2.1.- DESCRIPCIÓN DE LA ZONA

La zona de estudio pertenece a la cuenta del río Oria, en una zona de vega con lo que la geometría del río es bastante llana y amplia en cuanto a la llanura de inundación. La franja estudiada se centra en el entorno de la vega, desde aguas abajo del puente de la avenida del Hipódromo del núcleo de Lasarte-Oria hasta aguas arriba del puente situado a la altura del barrio de Txiki Erdi del municipio de Usurbil.

El tramo en el que se analizar hidráulicamente tiene una longitud total de 1100 metros. En general este tramo está bastante antropizado con rellenos artificiales en las márgenes, pero mantiene la vegetación de ribera en los primeros metros de las márgenes del río. Conjuntamente se ha estudiado la regata Urbil de 550 metros de longitud existente entre la urbanización de ZAPATEGI y la plataforma de la carretera del enlace de Txikierdi N-6341.

Para abordar el estudio del comportamiento global del cauce en su estado actual y futuro en este tramo se ha utilizado los caudales de avenida de 10, 100 y 500 años de periodo de retorno para cada punto del cauce, definidos de acuerdo al modelo hidráulico elaborado por URA. La elección de estos valores obedece a la necesidad de analizar tanto las condiciones hidráulicas habituales del río en avenidas ordinarias (caudales de 10 años), como analizar la conveniencia y adecuación de las actuaciones propuestas ante avenidas extraordinarias (caudales de 100 y 500 años).

Las características más importantes del río Oria, acorde con el modelo hidráulico a nivel de anchura del cauce, cota de fondo, pendiente media, etc. se indican en la tabla siguiente:

	Pk sección	Distancia al siguiente perfil (m)	Cota mínima del cauce (m)	Pendiente (%)
Oria	16563.3	50.99	10.88	0.0012
Oria	16512.31	51.5	10.82	0.0012
Oria	16460.81	49.19	10.76	0.0014
Oria	16411.62	62.4	10.69	0.0018
Oria	16349.22	2.92	10.58	-2.2979
Oria	16346.3	25.33	17.29	0.2542
Oria	16320.97	46.43	10.85	0.0050
Oria	16274.54	50.06	10.62	0.0060
Oria	16224.48	61.46	10.32	0.0057
Oria	16163.02	28.68	9.97	0.0132
Oria	16134.34	50.69	9.59	0.0012
Oria	16083.65	52.36	9.53	0.0027
Oria	16031.29	30.48	9.39	0.0059
Oria	16000.81	40.54	9.21	0.0044
Oria	15960.27	34.32	9.03	0.0058
Oria	15925.95	29.39	8.83	0.0051
Oria	15896.56	32.66	8.68	0.0037
Oria	15863.9	30.94	8.56	0.0052

Oria	15832.96	34.02	8.4	0.0050
Oria	15798.94	25.94	8.23	0.0085
Oria	15773	28.94	8.01	0.0079
Oria	15744.06	20.62	7.78	0.0092
Oria	15723.44	24.49	7.59	-0.0012
Oria	15698.95	28.64	7.62	-0.0049
Oria	15670.31	41.06	7.76	0.0037
Oria	15629.25	48.17	7.61	0.0004
Oria	15581.08	39.22	7.59	0.0133
Oria	15541.86	6.54	7.07	1.0810
RegataUrbil	545.7	39.994	19.12	0.0105
RegataUrbil	505.706	47.027	18.70	0.0219
RegataUrbil	458.679	23.4	17.67	0.0128
RegataUrbil	435.279	19.489	17.37	0.0513
RegataUrbil	415.79	20.329	16.37	0.0625
RegataUrbil	395.461	20.219	15.10	0.0490
RegataUrbil	375.242	20	14.11	0.0130
RegataUrbil	355.242	17.559	13.85	0.0148
RegataUrbil	337.683	21.762	13.59	-0.0119
RegataUrbil	315.921	59.587	13.85	0.0109
RegataUrbil	256.334	16.776	13.20	0.0686
RegataUrbil	239.558	239.558	12.05	0.0503

Tal y como se puede observar en la tabla la pendiente del río Oria es muy pequeña siendo una superficie casi llana. Así mismo que la mínima anchura del cauce existe en la zona es de 22 m.

La pendiente media de la regata Urbil es del 3% con una anchura de 5m.

2.2.- CAUDALES

En este trabajo y siguiendo los criterios de la Confederación Hidrográfica del Cantábrico y de la Agencia Vasca del Agua (URA), los caudales de avenida para los periodos de retorno de 10, 100 y 500 años son los modelizados por URA. Para ello, se ha elaborado la tabla que aparece a continuación:

	Q (m³/s) RÍO ORIA - ZAPATEGI (ST 16274.54 A ST 16134.34)
T= 10 AÑOS	811
T= 100 AÑOS	1.132
T= 500 AÑOS	1.691

Para la obtención de los caudales de la regata Urbil, se ha utilizado el método racional mejorado de Témez, recogido en la Instrucción 5.2 IC de carretera y modificado por Témez para dotarle de mayor veracidad y un mejor ajuste a la realidad. Dicha formulación tiene un campo de aplicación que alcanza hasta superficies de 3.000km² y tiempos de concentración de hasta 24h y permite mediante una metodología sencilla obtener caudal de proyecto para la regata en régimen natural.

De tal forma:

$$Q = \frac{C \cdot I \cdot A}{3,6} \cdot K$$

Q = caudal pico en m³/s

C=coeficiente de escorrentía

I=Intensidad de la tormenta de diseño en mm/h

A=Superficie de la cuenca Km²

K= coeficiente de uniformidad

Cuenca regata Urbil							
Área (km ²)	Longitud (Km)	I (m/m)	Tc (h)	P ₀ (mm)	Pd (mm) T 10 años	Pd (mm) T 100 años	Pd (mm) T 500 años
0,667	1.246	0,1089	0,54	40,2	107,24	170,00	220,02

Aplicando el método racional mejorado de Témez a la cuenca de la regata con las características físicas y pluviométricas descritas, se obtienen los siguientes caudales de proyecto para los periodos de retorno de 10, 100 y 500 años:

	Q (m ³ /s) REGATA URBIL
T= 10 AÑOS	2,50
T= 100 AÑOS	6,50
T= 500 AÑOS	10,33

Conocidos así los caudales de cálculo a aplicar se pasa a indicar el cálculo hidráulico realizado.

3.- METODOLOGÍA

Una vez conocidos los caudales a aplicar para el estudio, la metodología empleada ha sido la definida por el modelo HEC-RAS versión 5.0.7 del Cuerpo de Ingenieros de Estados Unidos, siguiendo las recomendaciones de la Agencia Vasca del Agua para este tipo de trabajos. En este trabajo se ha contactado con URA para ver si tienen datos de la zona, a fecha 20/09/2019 se nos envía el modelo hidráulico en formato HEC-RAS de la zona de estudio.

Este modelo permite estudiar en cada tramo de río, la lámina de agua que se alcanza en régimen permanente para los diferentes caudales de cálculo.

Para la aplicación del modelo es necesario definir las secciones transversales del río en el tramo en estudio.

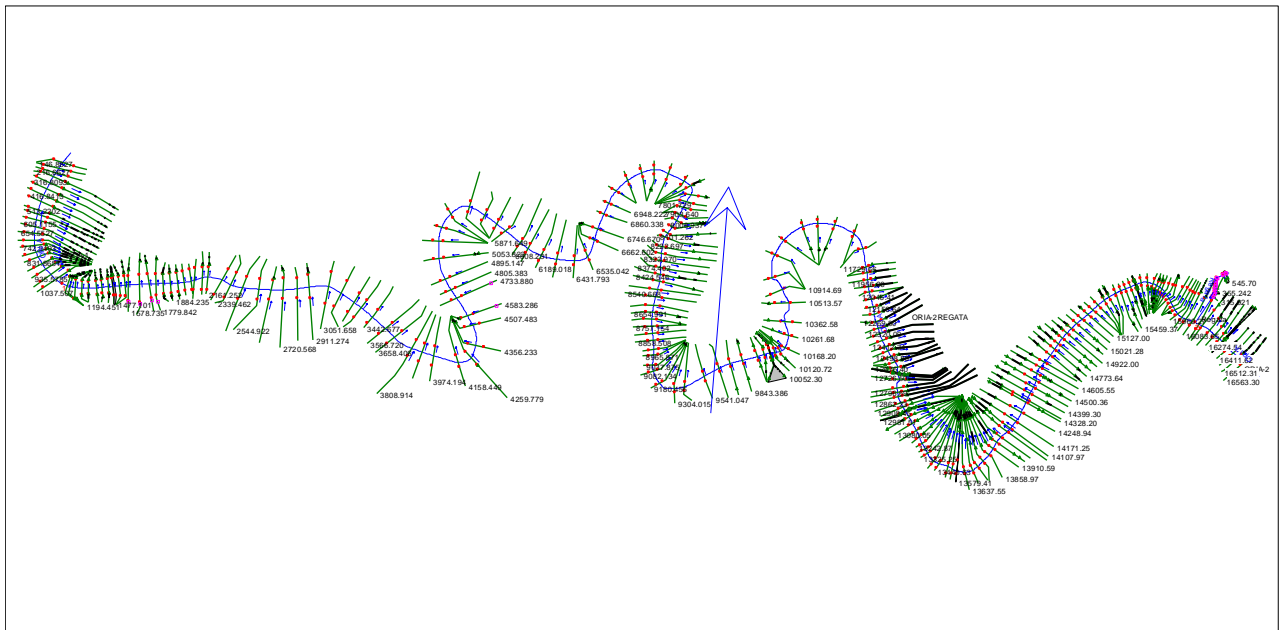
En este caso, se han utilizado las secciones del modelo facilitado además en la zona de estudio se ha incorporado las secciones de la regata Urbil existente en la zona de ZAPATEGI.

Para la obtención de estas secciones de la regata se ha realizado un levantamiento topográfico a escala 1:500 del ámbito de actuación que ha servido de base cartográfica para la redacción del proyecto de la urbanización. El sistema de referencia utilizado es ETRS89, como sistema cartográfico de representación se emplea la Proyección UTM, huso 30. La altimetría está referida al nivel del mar en Alicante, REDNAP2008. El levantamiento topográfico se ha realizado mediante la observación de los puntos radiados por técnicas GNSS y con estación total. Se ha realizado plano topográfico a escala 1:500 con curvas de nivel cada 1m y el modelo tridimensional el terreno formado por una malla de triángulos cuyos lados son líneas tridimensionales que unen los puntos radiados. El listado de las bases de las bases utilizadas en las zonas:

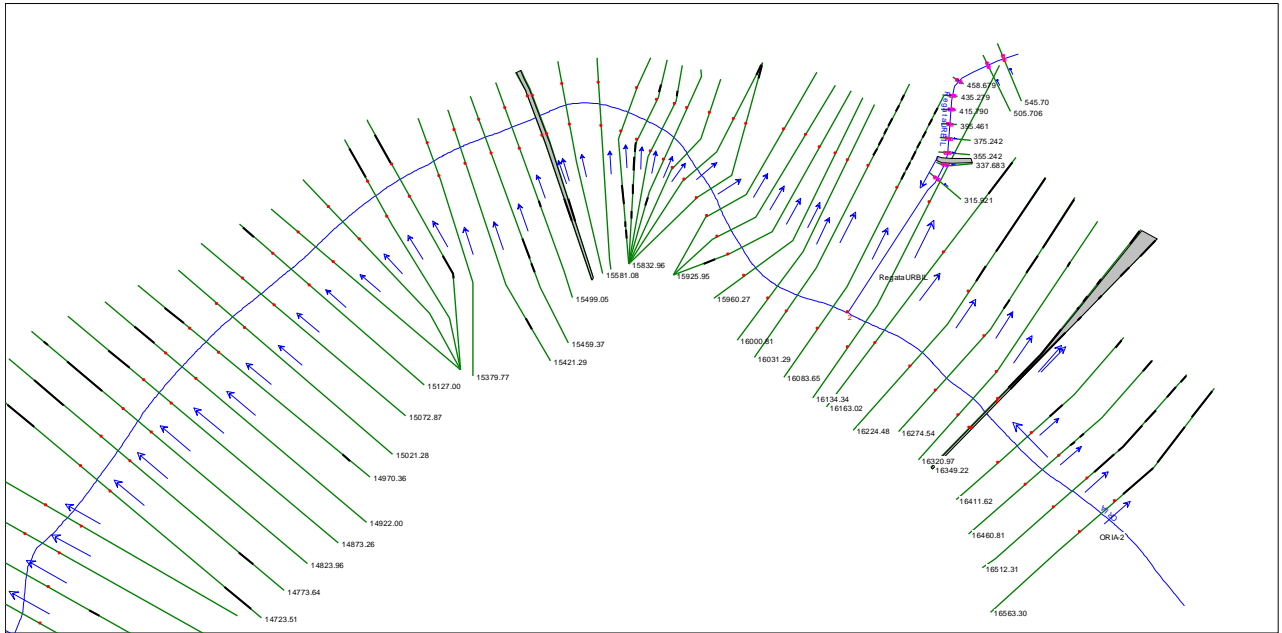
Bases	Coord X	Coord Y	Coord Z
Br-5	579039.367	4791860.441	26.764
Br-6	579000.983	4791852.988	26.838
Br-7	578914.334	4791822.990	21.548
Br-8	578916.012	4791626.825	15.986
Br-9	578975.638	4791574.668	15.858

Para el estado futuro, se ha generado un modelo 3D para modelizar la urbanización futura en la zona de estudio, a partir de ahí, se han obtenido los perfiles transversales futuros afectados (ST 16134.34, ST 16163.02, ST 16224.48, y ST 16274,54).

El tramo en el que se ha modelizado comprende entre los perfiles ST 16563.30 y ST 93.1843. También, se ha modelizado la regata con perfiles comprendidos entre E-3 ANT (545,70) y PR-1 (239,558), modelizando el paso inferior, pasarela existente más la modelización de la nueva pasarela proyectada.



Vista general del modelo hidráulico utilizado desde la zona de ZAPATEGI (Usurbil) hasta la desembocadura del río Oria en Orio



Vista de la zona de ZAPATEGI (Usurbil) incluida la regata, en estado actual

Los perfiles incorporados al modelo son siempre perpendiculares a la dirección de la corriente para reflejar adecuadamente el comportamiento hidráulico ya que el modelo es bidimensional, por lo que su trazado en planta incluye quiebros que tratan de conseguir la perpendicularidad a la dirección del flujo en cada margen en zonas inundables (ver esquema del modelo).

Los perfiles así definidos se han referenciado en coordenadas UTM con el fin de poder superponer el estudio hidráulico y sus resultados sobre el levantamiento realizado.

Las distancias entre perfiles se han tomado a lo largo del eje del cauce (*main channel*) como en ambas márgenes, las diferencias son poco representativas. Con ellas se ha generado la geometría del modelo. Para las avenidas extraordinarias, allí donde tras ejecutar el modelo inicial se ha comprobado la posibilidad real de inundación (vegas inundables), las distancias pueden ser corregidas generándose una nueva geometría para el modelo con las nuevas distancias en márgenes si se estimase necesario.

En el estudio hidráulico del tramo del río Oria a su paso por la urbanización de ZAPATEGI se han analizado dos escenarios: uno del estado actual del cauce, y otro correspondiente a la propuesta de estado futuro en el que la plataforma de la urbanización se sitúa a la cota 18,50 m, además se incorpora un murete perimetral que se ubica en el límite del ámbito en su zona este y sur. Conjuntamente se ha modelizado la regata existente con la futura pasarela ubicada en la zona norte-oeste de la parcela.

Para la caracterización hidráulica del cauce en el modelo es preciso determinar los coeficientes de rugosidad a utilizar (número de Manning), las pérdidas de energía localizadas en los cambios de sección (coeficientes de contracción y expansión), el tipo de régimen hidráulico de análisis y las condiciones de contorno necesarias en cada caso, además del ya mencionado caudal circulante o de cálculo.

Por lo que se refiere a los coeficientes de rugosidad, que representan las pérdidas longitudinales de energía debidas a la fricción entre el agua y los materiales del propio cauce, los valores adoptados, de acuerdo con los criterios de diseño de estudios hidráulicos habitualmente empleados por GV para ríos de la CAPV, han sido los establecidos en del modelo de URA.

Donde n_1 representa el valor básico correspondiente al tipo de fondo (rocoso), n_2 refleja las irregularidades del lecho (moderadas), n_3 los cambios en la sección transversal (graduales - ocasionales), n_4 las obstrucciones del cauce (casos despreciables), n_5 la presencia de vegetación (media), y n_6 la sinuosidad del cauce (poca).

En las márgenes externas al cauce se ha diferenciado entre las zonas más boscosas ($n=0.060$) de las zonas urbanizadas, carretera o prados ($n=0.035 - 0.038 - 0.040$).

Los coeficientes de contracción y expansión para los cambios de sección y curvaturas acusadas del cauce se han establecido en unos valores medios.

- $C_c = 0,1$
- $C_e = 0,3$

Sin embargo, en las aproximaciones a estructuras los coeficientes se han incrementado hasta:

- $C_c = 0,3$
- $C_e = 0,5$

El tipo de régimen del análisis se ha establecido como lento o subcrítico para el estado actual ya que la pendiente longitudinal fuera de la zona de influencia se estima en torno al 0,07%. Para el estado futuro se ha considerado un régimen lento también.

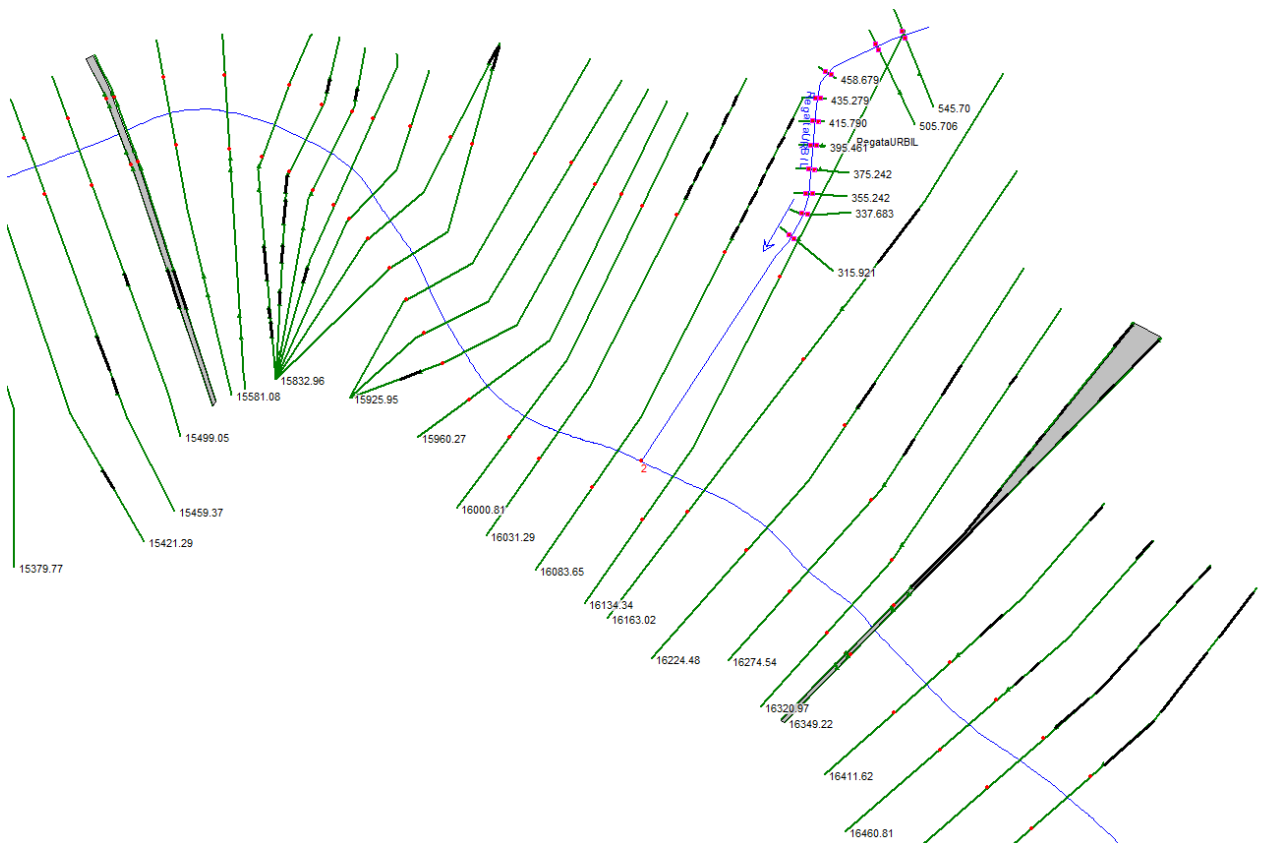
Las condiciones de contorno necesarias son, por lo tanto, las de aguas abajo y las de aguas arriba, resultando de especial importancia las de aguas abajo (régimen lento).

La condición de contorno utilizada ha sido el nivel de agua conocido, en la desembocadura 2,76m, según lo recogido en el modelo hidráulico de URA, Ur Agentzia.

4.- FORMACIÓN DEL MODELO HIDRÁULICO

El modelo hidráulico del río Oria en la zona de estudio está formado por 16 Kms desde aguas abajo del puente de la avenida del hipódromo hasta aguas en su desembocadura en Orio.

El esquema en planta del modelo del río Oria y regata simulado es el siguiente:



Los números de Manning introducidos en cada tramo son los expresados en el modelo, diferenciándose para cada sección las distancias a partir de la cual cambia su valor de cauce a riberas.

Las condiciones de contorno adoptadas para la simulación del tránsito de avenidas en el Rio Oria son la formación de régimen permanente en las secciones situadas tanto aguas arriba como para aguas abajo, cota de agua conocida, en este caso altura de la lámina del mar simulada a la cota 2,76m.

En este caso, al inicio del tramo se introduce el caudal de diseño correspondiente al del punto final del mismo quedando, por tanto, las variables hidráulicas obtenidas de lado de la seguridad. Los caudales son los indicados anteriormente.

4.1.- CÁLCULOS HIDRÁULICOS

A continuación, se muestran los resultados del modelo actual de la zona de estudio:

T10 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
RegataUrbil	545.7	T10	2.50	19.55	1.09	0.43	19.61	0.53
RegataUrbil	541.8		Bridge					
RegataUrbil	505.706	T10	2.50	18.98	1.65	0.28	19.11	1.00
RegataUrbil	458.679	T10	2.50	18.10	1.11	0.42	18.16	0.55
RegataUrbil	435.279	T10	2.50	17.69	1.76	0.32	17.85	1.00
RegataUrbil	415.79	T10	2.50	16.68	1.74	0.31	16.84	1.00
RegataUrbil	395.461	T10	2.50	15.41	1.71	0.30	15.56	1.00
RegataUrbil	375.242	T10	2.50	15.43	0.38	1.31	15.44	0.11
RegataUrbil	355.242	T10	2.50	15.43	0.31	1.57	15.43	0.08
RegataUrbil	348.28		Bridge					
RegataUrbil	337.683	T10	2.50	15.43	0.27	1.83	15.43	0.06
RegataUrbil	315.921	T10	2.50	15.42	0.24	2.04	15.43	0.05
ORIA-2	16563.3	T10	811.00	16.05	2.97	4.31	16.50	0.46
ORIA-2	16512.31	T10	811.00	15.94	3.04	4.42	16.41	0.46
ORIA-2	16460.81	T10	811.00	15.86	2.95	4.47	16.31	0.45
ORIA-2	16411.62	T10	811.00	15.70	3.17	4.23	16.21	0.49
ORIA-2	16349.22	T10	811.00	15.28	3.76	4.04	16.00	0.58
ORIA-2	16347.99		Bridge					
ORIA-2	16346.3	T10	811.00	15.28	3.72	4.05	15.98	0.59
ORIA-2	16320.97	T10	811.00	15.35	2.90	3.42	15.78	0.50
ORIA-2	16274.54	T10	811.00	15.42	2.14	3.37	15.66	0.35
ORIA-2	16224.48	T10	811.00	15.29	2.45	3.57	15.59	0.40
ORIA-2	16163.02	T10	811.00	15.23	2.31	3.51	15.50	0.39
ORIA-2	16134.34	T10	811.00	15.18	2.36	2.24	15.46	0.50
ORIA-2REGATA	16083.65	T10	811.00	15.14	2.07	2.35	15.36	0.43
ORIA-2REGATA	16031.29	T10	811.00	15.09	2.01	2.82	15.30	0.38
ORIA-2REGATA	16000.81	T10	811.00	14.99	2.30	2.73	15.26	0.43
ORIA-2REGATA	15960.27	T10	811.00	14.96	2.23	3.11	15.22	0.39
ORIA-2REGATA	15925.95	T10	811.00	14.91	2.31	3.08	15.18	0.41
ORIA-2REGATA	15896.56	T10	811.00	14.92	2.11	3.77	15.14	0.35
ORIA-2REGATA	15863.9	T10	811.00	14.91	2.01	3.32	15.11	0.32
ORIA-2REGATA	15832.96	T10	811.00	14.92	1.83	2.63	15.08	0.27
ORIA-2REGATA	15798.94	T10	811.00	14.90	1.82	2.52	15.07	0.27
ORIA-2REGATA	15773	T10	811.00	14.90	1.69	2.59	15.05	0.24
ORIA-2REGATA	15744.06	T10	811.00	14.89	1.71	3.05	15.03	0.23
ORIA-2REGATA	15723.44	T10	811.00	14.84	1.89	3.64	15.02	0.25
ORIA-2REGATA	15698.95	T10	811.00	14.78	2.12	4.17	15.01	0.28

T10 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	15670.31	T10	811.00	14.78	2.10	3.41	14.99	0.28
ORIA-2REGATA	15629.25	T10	811.00	14.72	2.22	2.70	14.96	0.29
ORIA-2REGATA	15581.08	T10	811.00	14.68	2.27	3.24	14.94	0.30
ORIA-2REGATA	15541.86	T10	811.00	14.42	2.95	3.27	14.86	0.37
ORIA-2REGATA	15535.32		Mult Open					
ORIA-2REGATA	15535.16	T10	811.00	14.00	3.17	3.13	14.51	0.41
ORIA-2REGATA	15499.05	T10	811.00	14.05	2.61	2.61	14.39	0.37
ORIA-2REGATA	15459.37	T10	811.00	13.90	2.95	2.90	14.34	0.41
ORIA-2REGATA	15421.29	T10	811.00	13.82	3.06	2.33	14.29	0.42
ORIA-2REGATA	15379.77	T10	811.00	13.70	3.27	2.43	14.23	0.47
ORIA-2REGATA	15325.62	T10	811.00	13.60	3.28	2.01	14.14	0.49
ORIA-2REGATA	15284.57	T10	811.00	13.61	2.96	3.05	14.05	0.43
ORIA-2REGATA	15225.7	T10	811.00	13.57	2.79	2.88	13.96	0.41
ORIA-2REGATA	15173.95	T10	811.00	13.52	2.70	2.69	13.90	0.40
ORIA-2REGATA	15127	T10	811.00	13.48	2.66	3.02	13.84	0.40
ORIA-2REGATA	15072.87	T10	811.00	13.41	2.73	2.66	13.78	0.39
ORIA-2REGATA	15021.28	T10	811.00	13.33	2.82	2.33	13.72	0.39
ORIA-2REGATA	14970.36	T10	811.00	13.29	2.77	2.47	13.66	0.38
ORIA-2REGATA	14922	T10	811.00	13.26	2.68	2.64	13.61	0.37
ORIA-2REGATA	14873.26	T10	811.00	13.20	2.74	2.53	13.56	0.38
ORIA-2REGATA	14823.96	T10	811.00	13.19	2.60	2.77	13.50	0.36
ORIA-2REGATA	14773.64	T10	811.00	13.10	2.72	2.15	13.45	0.38
ORIA-2REGATA	14723.51	T10	811.00	13.02	2.80	1.88	13.40	0.40
ORIA-2REGATA	14655.7	T10	811.00	12.93	2.82	1.63	13.32	0.42
ORIA-2REGATA	14605.55	T10	811.00	12.91	2.72	1.70	13.24	0.40
ORIA-2REGATA	14554.89	T10	811.00	12.96	2.09	2.25	13.16	0.31
ORIA-2REGATA	14500.36	T10	811.00	13.00	1.46	2.38	13.11	0.22
ORIA-2REGATA	14449.37	T10	811.00	12.94	1.81	2.46	13.08	0.27
ORIA-2REGATA	14399.3	T10	811.00	12.90	2.00	2.29	13.05	0.30
ORIA-2REGATA	14349.13	T10	811.00	12.91	1.48	2.47	13.01	0.26
ORIA-2REGATA	14328.2	T10	811.00	12.89	1.54	2.44	13.00	0.27
ORIA-2REGATA	14248.94	T10	811.00	12.80	1.83	1.82	12.94	0.33
ORIA-2REGATA	14171.25	T10	811.00	12.77	1.67	1.90	12.88	0.30
ORIA-2REGATA	14107.97	T10	811.00	12.69	1.88	2.19	12.84	0.31
ORIA-2REGATA	14074.51	T10	811.00	12.63	2.03	2.24	12.81	0.34
ORIA-2REGATA	14013.92	T10	811.00	12.12	3.39	1.71	12.69	0.55
ORIA-2REGATA	13965.17	T10	811.00	12.06	3.27	1.65	12.57	0.53
ORIA-2REGATA	13910.59	T10	811.00	11.89	3.41	1.78	12.45	0.54
ORIA-2REGATA	13858.97	T10	811.00	11.84	3.19	1.69	12.33	0.50
ORIA-2REGATA	13796.84	T10	811.00	11.72	3.24	1.67	12.21	0.52
ORIA-2REGATA	13740.79	T10	811.00	11.29	3.92	1.10	12.04	0.66

T10 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	13697.46	T10	811.00	11.18	3.80	1.13	11.89	0.66
ORIA-2REGATA	13637.55	T10	811.00	10.81	4.25	1.26	11.65	0.74
ORIA-2REGATA	13579.41	T10	811.00	10.15	4.15	1.46	10.97	0.87
ORIA-2REGATA	13576.5		Inl Struct					
ORIA-2REGATA	13545.21	T10	811.00	10.67	2.15	1.63	10.89	0.31
ORIA-2REGATA	13506.84	T10	811.00	10.67	2.02	1.51	10.85	0.30
ORIA-2REGATA	13440.63	T10	811.00	10.55	2.35	1.46	10.80	0.34
ORIA-2REGATA	13396.47	T10	811.00	10.46	2.59	1.45	10.75	0.37
ORIA-2REGATA	13325.25	T10	811.00	10.30	2.87	1.37	10.67	0.42
ORIA-2REGATA	13287.46	T10	811.00	10.28	2.76	1.57	10.62	0.40
ORIA-2REGATA	13242.87	T10	811.00	10.24	2.69	1.74	10.57	0.39
ORIA-2REGATA	13191.41	T10	811.00	10.02	3.08	2.25	10.49	0.44
ORIA-2REGATA	13137.97	T10	811.00	9.84	3.31	3.13	10.40	0.50
ORIA-2REGATA	13080.05	T10	811.00	9.73	3.31	2.72	10.29	0.52
ORIA-2REGATA	13026.78	T10	811.00	9.67	3.20	2.68	10.19	0.47
ORIA-2REGATA	12981.51	T10	811.00	9.62	3.12	5.31	10.11	0.43
ORIA-2REGATA	12977.95		Bridge					
ORIA-2REGATA	12975.23	T10	811.00	9.15	3.34	4.89	9.72	0.48
ORIA-2REGATA	12943.5	T10	811.00	9.16	3.00	4.00	9.61	0.47
ORIA-2REGATA	12908.45	T10	811.00	9.10	2.98	4.08	9.56	0.47
ORIA-2REGATA	12862.23	T10	811.00	9.08	2.77	4.67	9.47	0.41
ORIA-2REGATA	12829.24	T10	811.00	9.03	2.79	4.71	9.43	0.41
ORIA-2REGATA	12796.69	T10	811.00	9.09	2.31	4.89	9.36	0.33
ORIA-2REGATA	12726.5	T10	811.00	9.12	1.81	4.54	9.29	0.27
ORIA-2REGATA	12683.51	T10	811.00	9.08	1.88	5.92	9.26	0.25
ORIA-2REGATA	12680		Bridge					
ORIA-2REGATA	12676.4	T10	811.00	9.03	1.89	5.87	9.21	0.25
ORIA-2REGATA	12637.89	T10	811.00	8.95	2.09	4.65	9.18	0.30
ORIA-2REGATA	12595.5	T10	811.00	8.73	2.76	4.19	9.12	0.41
ORIA-2REGATA	12546.51	T10	811.00	8.75	2.39	4.34	9.04	0.36
ORIA-2REGATA	12498.8	T10	811.00	8.71	2.41	4.99	9.00	0.33
ORIA-2REGATA	12462.68	T10	811.00	8.64	2.53	5.25	8.97	0.35
ORIA-2REGATA	12412.34	T10	811.00	8.62	2.45	5.29	8.92	0.34
ORIA-2REGATA	12362.3	T10	811.00	8.59	2.36	4.77	8.87	0.35
ORIA-2REGATA	12320.09	T10	811.00	8.49	2.59	5.30	8.83	0.36
ORIA-2REGATA	12269.8	T10	811.00	8.48	2.40	5.31	8.77	0.33
ORIA-2REGATA	12214.37	T10	811.00	8.44	2.42	4.76	8.73	0.33
ORIA-2REGATA	12156.64	T10	811.00	8.38	2.43	4.97	8.68	0.35
ORIA-2REGATA	12101.79	T10	811.00	8.34	2.41	4.76	8.64	0.33
ORIA-2REGATA	12046.41	T10	811.00	8.14	2.90	5.35	8.57	0.40
ORIA-2REGATA	12006.09	T10	811.00	8.17	2.58	4.56	8.50	0.37
ORIA-2REGATA	11956.06	T10	811.00	8.15	2.46	4.62	8.45	0.31

T10 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	11905.86	T10	811.00	8.14	2.37	4.26	8.42	0.29
ORIA-2REGATA	11864.21	T10	811.00	8.13	2.27	3.86	8.39	0.28
ORIA-2REGATA	11729.66	T10	811.00	8.10	2.10	2.67	8.31	0.26
ORIA-2REGATA	11601.53	T10	811.00	7.84	2.82	2.52	8.22	0.36
ORIA-2REGATA	11446.61	T10	825.00	7.73	2.64	2.49	8.06	0.37
ORIA-2REGATA	11322.82	T10	825.00	7.64	2.56	2.83	7.95	0.34
ORIA-2REGATA	11211.57	T10	825.00	7.53	2.67	2.60	7.86	0.35
ORIA-2REGATA	11039.79	T10	825.00	6.81	4.00	1.95	7.60	0.54
ORIA-2REGATA	10914.69	T10	825.00	6.63	3.69	1.83	7.31	0.52
ORIA-2REGATA	10742.68	T10	825.00	6.53	2.99	2.42	6.97	0.42
ORIA-2REGATA	10619.16	T10	825.00	6.69	1.51	3.73	6.80	0.21
ORIA-2REGATA	10513.57	T10	825.00	6.63	1.62	3.41	6.76	0.25
ORIA-2REGATA	10362.58	T10	825.00	6.57	1.67	3.72	6.71	0.23
ORIA-2REGATA	10261.68	T10	825.00	6.51	1.88	3.41	6.67	0.24
ORIA-2REGATA	10168.2	T10	825.00	6.48	1.88	3.56	6.64	0.23
ORIA-2REGATA	10120.72	T10	825.00	6.36	2.40	3.07	6.61	0.32
ORIA-2REGATA	10084.2	T10	825.00	6.33	2.36	3.70	6.59	0.32
ORIA-2REGATA	10052.3	T10	825.00	6.33	2.22	4.15	6.57	0.29
ORIA-2REGATA	10048.87		Bridge					
ORIA-2REGATA	10046.04	T10	825.00	6.06	2.05	4.44	6.28	0.31
ORIA-2REGATA	10005.62	T10	825.00	5.96	2.37	3.38	6.23	0.33
ORIA-2REGATA	9952.628	T10	825.00	5.97	2.09	3.19	6.19	0.29
ORIA-2REGATA	9843.386	T10	825.00	5.88	2.21	2.59	6.13	0.30
ORIA-2REGATA	9748.673	T10	825.00	5.82	2.28	2.33	6.07	0.30
ORIA-2REGATA	9660.88	T10	825.00	5.76	2.34	2.00	6.03	0.31
ORIA-2REGATA	9541.047	T10	825.00	5.75	1.98	1.70	5.95	0.27
ORIA-2REGATA	9379.213	T10	825.00	5.69	2.01	1.71	5.88	0.26
ORIA-2REGATA	9304.015	T10	825.00	5.62	2.14	1.56	5.84	0.28
ORIA-2REGATA	9180.456	T10	825.00	5.50	2.42	1.48	5.78	0.30
ORIA-2REGATA	9082.134	T10	825.00	5.47	2.24	1.61	5.71	0.31
ORIA-2REGATA	9037.875	T10	825.00	5.39	2.44	1.76	5.68	0.34
ORIA-2REGATA	8965.871	T10	825.00	5.40	2.08	2.38	5.61	0.28
ORIA-2REGATA	8924.898	T10	825.00	5.42	1.84	2.69	5.58	0.24
ORIA-2REGATA	8858.508	T10	825.00	5.38	1.89	2.39	5.56	0.26
ORIA-2REGATA	8808.497	T10	825.00	5.36	1.89	2.22	5.54	0.27
ORIA-2REGATA	8757.154	T10	825.00	5.32	1.94	2.08	5.51	0.28
ORIA-2REGATA	8705.003	T10	825.00	5.32	1.81	2.14	5.48	0.26
ORIA-2REGATA	8654.991	T10	825.00	5.24	2.04	2.29	5.45	0.29
ORIA-2REGATA	8604.684	T10	825.00	5.28	1.56	2.79	5.41	0.23
ORIA-2REGATA	8540.668	T10	825.00	5.26	1.55	2.17	5.38	0.24
ORIA-2REGATA	8487.078	T10	825.00	5.21	1.79	2.40	5.36	0.26
ORIA-2REGATA	8424.546	T10	825.00	5.14	1.98	2.52	5.33	0.27

T10 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	8374.402	T10	825.00	5.11	2.07	2.24	5.31	0.28
ORIA-2REGATA	8323.97	T10	825.00	5.09	2.07	1.98	5.28	0.27
ORIA-2REGATA	8273.31	T10	825.00	5.08	1.98	2.07	5.26	0.26
ORIA-2REGATA	8222.697	T10	825.00	5.07	1.85	2.06	5.23	0.25
ORIA-2REGATA	8172.645	T10	825.00	5.05	1.87	2.27	5.21	0.25
ORIA-2REGATA	8101.262	T10	825.00	4.98	2.04	2.62	5.18	0.26
ORIA-2REGATA	8063.975	T10	825.00	4.91	2.27	2.27	5.16	0.30
ORIA-2REGATA	8008.937	T10	825.00	4.83	2.46	1.90	5.13	0.31
ORIA-2REGATA	7952.676	T10	825.00	4.86	2.08	2.22	5.07	0.29
ORIA-2REGATA	7903.64	T10	825.00	4.87	1.86	2.37	5.04	0.26
ORIA-2REGATA	7847.759	T10	825.00	4.88	1.56	2.88	5.00	0.22
ORIA-2REGATA	7801.729	T10	825.00	4.87	1.52	2.57	4.99	0.22
ORIA-2REGATA	7741.837	T10	825.00	4.86	1.51	2.43	4.97	0.21
ORIA-2REGATA	7673.066	T10	825.00	4.73	2.07	2.02	4.94	0.26
ORIA-2REGATA	7612.982	T10	825.00	4.67	2.21	1.97	4.91	0.29
ORIA-2REGATA	7489.045	T10	825.00	4.65	1.90	2.26	4.83	0.28
ORIA-2REGATA	7379.956	T10	825.00	4.53	2.24	2.07	4.77	0.30
ORIA-2REGATA	7284.814	T10	825.00	4.51	2.09	2.38	4.71	0.28
ORIA-2REGATA	7169.117	T10	825.00	4.48	1.90	2.87	4.66	0.25
ORIA-2REGATA	7053.36	T10	825.00	4.37	2.19	2.75	4.60	0.28
ORIA-2REGATA	6948.222	T10	825.00	4.31	2.31	2.79	4.55	0.29
ORIA-2REGATA	6860.338	T10	825.00	4.28	2.17	2.87	4.50	0.27
ORIA-2REGATA	6746.67	T10	825.00	4.25	2.01	2.61	4.45	0.26
ORIA-2REGATA	6662.602	T10	825.00	4.23	1.99	2.69	4.41	0.26
ORIA-2REGATA	6535.042	T10	825.00	4.21	1.73	3.34	4.36	0.22
ORIA-2REGATA	6431.793	T10	825.00	4.11	2.04	2.76	4.31	0.27
ORIA-2REGATA	6304.601	T10	825.00	4.07	1.91	1.97	4.25	0.27
ORIA-2REGATA	6189.018	T10	825.00	4.05	1.75	2.41	4.20	0.25
ORIA-2REGATA	6080.5	T10	825.00	3.96	1.98	2.13	4.15	0.27
ORIA-2REGATA	6008.231	T10	825.00	3.94	1.95	2.21	4.11	0.26
ORIA-2REGATA	5871.649	T10	825.00	3.88	1.93	2.43	4.06	0.26
ORIA-2REGATA	5790.657	T10	825.00	3.84	1.95	2.68	4.02	0.27
ORIA-2REGATA	5682.44	T10	825.00	3.81	1.87	2.42	3.97	0.26
ORIA-2REGATA	5556.492	T10	825.00	3.80	1.62	2.09	3.92	0.23
ORIA-2REGATA	5401.598	T10	825.00	3.69	1.91	1.95	3.86	0.25
ORIA-2REGATA	5280.797	T10	825.00	3.65	1.83	2.00	3.81	0.24
ORIA-2REGATA	5179.899	T10	825.00	3.63	1.75	2.07	3.77	0.24
ORIA-2REGATA	5053.822	T10	825.00	3.62	1.52	2.58	3.72	0.21
ORIA-2REGATA	4895.147	T10	825.00	3.60	1.42	2.47	3.67	0.20
ORIA-2REGATA	4805.383	T10	825.00	3.56	1.48	2.63	3.65	0.20
ORIA-2REGATA	4733.88	T10	825.00	3.56	1.31	2.92	3.63	0.18
ORIA-2REGATA	4583.286	T10	825.00	3.52	1.32	3.00	3.60	0.19

T10 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	4507.483	T10	825.00	3.50	1.34	2.61	3.58	0.19
ORIA-2REGATA	4356.233	T10	825.00	3.46	1.32	2.52	3.54	0.19
ORIA-2REGATA	4259.779	T10	825.00	3.43	1.39	2.38	3.52	0.21
ORIA-2REGATA	4158.449	T10	825.00	3.40	1.42	2.54	3.50	0.18
ORIA-2REGATA	3974.194	T10	825.00	3.37	1.30	3.22	3.45	0.20
ORIA-2REGATA	3886.724	T10	825.00	3.33	1.41	4.25	3.43	0.22
ORIA-2REGATA	3808.914	T10	825.00	3.30	1.43	4.36	3.40	0.22
ORIA-2REGATA	3658.406	T10	825.00	3.30	1.13	3.18	3.36	0.17
ORIA-2REGATA	3566.72	T10	825.00	3.29	1.10	3.30	3.34	0.16
ORIA-2REGATA	3442.677	T10	825.00	3.27	1.11	3.26	3.32	0.16
ORIA-2REGATA	3337.678	T10	825.00	3.26	0.98	3.37	3.30	0.15
ORIA-2REGATA	3270.399	T10	825.00	3.24	1.02	3.45	3.29	0.16
ORIA-2REGATA	3154.791	T10	825.00	3.23	0.91	3.23	3.27	0.14
ORIA-2REGATA	3051.658	T10	825.00	3.23	0.83	2.76	3.26	0.13
ORIA-2REGATA	2911.274	T10	825.00	3.20	0.98	2.78	3.24	0.15
ORIA-2REGATA	2822.969	T10	825.00	3.20	0.90	2.96	3.23	0.13
ORIA-2REGATA	2720.568	T10	825.00	3.19	0.75	3.31	3.22	0.11
ORIA-2REGATA	2634.605	T10	825.00	3.18	0.88	2.86	3.21	0.13
ORIA-2REGATA	2544.922	T10	825.00	3.16	0.96	2.69	3.20	0.14
ORIA-2REGATA	2427.927	T10	825.00	3.14	0.90	2.71	3.18	0.13
ORIA-2REGATA	2339.462	T10	825.00	3.13	0.92	3.47	3.17	0.14
ORIA-2REGATA	2269.4	T10	825.00	3.12	0.88	4.44	3.16	0.13
ORIA-2REGATA	2161.252	T10	825.00	3.10	0.97	5.16	3.15	0.14
ORIA-2REGATA	2119.406	T10	825.00	3.09	1.03	4.95	3.14	0.15
ORIA-2REGATA	2058.987	T10	825.00	3.08	1.08	4.80	3.14	0.16
ORIA-2REGATA	2033.004	T10	825.00	3.07	1.12	4.79	3.13	0.16
ORIA-2REGATA	1983.467	T10	825.00	3.05	1.19	4.46	3.12	0.17
ORIA-2REGATA	1935.376	T10	825.00	3.04	1.22	4.80	3.11	0.18
ORIA-2REGATA	1884.235	T10	825.00	3.03	1.21	4.72	3.10	0.18
ORIA-2REGATA	1831.032	T10	825.00	3.02	1.22	4.72	3.09	0.18
ORIA-2REGATA	1779.842	T10	825.00	3.01	1.18	3.57	3.08	0.17
ORIA-2REGATA	1730.022	T10	825.00	3.01	1.03	3.61	3.07	0.15
ORIA-2REGATA	1661.702	T10	825.00	3.01	0.91	3.63	3.05	0.14
ORIA-2REGATA	1578.735	T10	825.00	2.99	1.03	4.44	3.04	0.16
ORIA-2REGATA	1553.596	T10	825.00	2.97	1.16	3.82	3.04	0.17
ORIA-2REGATA	1514.229	T10	825.00	2.95	1.25	4.44	3.03	0.18
ORIA-2REGATA	1477.101	T10	825.00	2.96	1.04	5.57	3.01	0.14
ORIA-2REGATA	1471.015		Bridge					
ORIA-2REGATA	1465.333	T10	825.00	2.96	1.01	6.47	3.01	0.12
ORIA-2REGATA	1434.906	T10	825.00	2.97	0.78	9.77	3.00	0.08
ORIA-2REGATA	1387.195	T10	825.00	2.93	1.11	7.82	2.99	0.13
ORIA-2REGATA	1348.897	T10	825.00	2.91	1.22	6.97	2.99	0.15

T10 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	1286.482	T10	825.00	2.90	1.28	7.36	2.98	0.15
ORIA-2REGATA	1241.408	T10	825.00	2.90	1.14	6.98	2.97	0.14
ORIA-2REGATA	1194.451	T10	825.00	2.91	0.93	6.07	2.96	0.12
ORIA-2REGATA	1156.984	T10	825.00	2.92	0.79	5.88	2.95	0.10
ORIA-2REGATA	1133.869	T10	825.00	2.92	0.71	5.85	2.95	0.09
ORIA-1	1037.507	T10	857.00	2.92	0.79	4.63	2.95	0.11
ORIA-1	986.9419	T10	857.00	2.90	0.91	4.91	2.94	0.13
ORIA-1	935.5785	T10	857.00	2.88	1.02	5.16	2.94	0.14
ORIA-1	886.6628	T10	857.00	2.87	1.11	5.28	2.93	0.15
ORIA-1	831.8651	T10	857.00	2.85	1.19	5.26	2.92	0.17
ORIA-1	790.4279	T10	857.00	2.85	1.12	5.02	2.91	0.16
ORIA-1	742.9493	T10	857.00	2.84	1.12	5.16	2.91	0.16
ORIA-1	704.7355	T10	857.00	2.83	1.21	5.24	2.90	0.17
ORIA-1	654.5527	T10	857.00	2.81	1.28	5.32	2.89	0.18
ORIA-1	605.1155	T10	857.00	2.81	1.22	5.16	2.88	0.17
ORIA-1	556.4642	T10	857.00	2.80	1.16	5.17	2.87	0.16
ORIA-1	513.2202	T10	857.00	2.80	1.13	5.08	2.87	0.16
ORIA-1	481.5066	T10	857.00	2.80	1.07	4.99	2.86	0.15
ORIA-1	416.8413	T10	857.00	2.80	0.93	4.86	2.85	0.14
ORIA-1	366.8122	T10	857.00	2.80	0.89	4.78	2.84	0.13
ORIA-1	316.8093	T10	857.00	2.80	0.87	4.70	2.84	0.13
ORIA-1	266.78	T10	857.00	2.79	0.89	4.74	2.83	0.13
ORIA-1	216.6627	T10	857.00	2.79	0.92	4.88	2.83	0.13
ORIA-1	184.1351	T10	857.00	2.79	0.79	5.74	2.82	0.11
ORIA-1	146.8827	T10	857.00	2.79	0.73	5.77	2.82	0.10
ORIA-1	93.1843	T10	857.00	2.76	1.02	5.54	2.81	0.14

T100 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
RegataUrbil	545.7	T100	6.50	19.87	1.64	0.75	20.01	0.61
RegataUrbil	541.8		Bridge					
RegataUrbil	505.706	T100	6.50	19.22	2.26	0.52	19.48	1.00
RegataUrbil	458.679	T100	6.50	18.46	1.54	0.78	18.58	0.56
RegataUrbil	435.279	T100	6.50	17.97	2.42	0.60	18.27	1.00
RegataUrbil	415.79	T100	6.50	16.96	2.39	0.58	17.25	1.00
RegataUrbil	395.461	T100	6.50	16.42	1.01	1.31	16.47	0.28
RegataUrbil	375.242	T100	6.50	16.43	0.56	2.30	16.44	0.12
RegataUrbil	355.242	T100	6.50	16.43	0.49	2.55	16.44	0.10
RegataUrbil	348.28		Bridge					
RegataUrbil	337.683	T100	6.50	16.42	0.46	2.81	16.43	0.09
RegataUrbil	315.921	T100	6.50	16.42	0.41	3.02	16.43	0.08
ORIA-2	16563.3	T100	1132.00	17.11	3.19	2.44	17.61	0.45
ORIA-2	16512.31	T100	1132.00	16.98	3.30	2.65	17.52	0.46
ORIA-2	16460.81	T100	1132.00	16.89	3.29	2.88	17.44	0.45
ORIA-2	16411.62	T100	1132.00	16.72	3.50	2.95	17.34	0.50
ORIA-2	16349.22	T100	1132.00	16.13	4.35	3.77	17.09	0.62
ORIA-2	16347.99		Bridge					
ORIA-2	16346.3	T100	1132.00	16.13	4.29	3.94	17.07	0.62
ORIA-2	16320.97	T100	1132.00	16.29	3.16	3.05	16.79	0.48
ORIA-2	16274.54	T100	1132.00	16.39	2.33	3.57	16.66	0.35
ORIA-2	16224.48	T100	1132.00	16.24	2.66	2.99	16.60	0.44
ORIA-2	16163.02	T100	1132.00	16.23	2.33	2.32	16.50	0.43
ORIA-2	16134.34	T100	1132.00	16.24	2.02	2.15	16.45	0.42
ORIA-2REGATA	16083.65	T100	1132.00	16.21	1.84	2.62	16.38	0.35
ORIA-2REGATA	16031.29	T100	1132.00	16.16	1.82	2.65	16.33	0.36
ORIA-2REGATA	16000.81	T100	1132.00	16.10	1.98	2.44	16.30	0.40
ORIA-2REGATA	15960.27	T100	1132.00	16.07	1.98	2.44	16.27	0.39
ORIA-2REGATA	15925.95	T100	1132.00	16.03	2.05	2.47	16.24	0.40
ORIA-2REGATA	15896.56	T100	1132.00	16.01	1.99	2.65	16.21	0.37
ORIA-2REGATA	15863.9	T100	1132.00	16.00	1.94	2.54	16.19	0.34
ORIA-2REGATA	15832.96	T100	1132.00	16.01	1.85	2.70	16.17	0.29
ORIA-2REGATA	15798.94	T100	1132.00	15.99	1.86	2.81	16.15	0.27
ORIA-2REGATA	15773	T100	1132.00	15.99	1.77	3.11	16.14	0.23
ORIA-2REGATA	15744.06	T100	1132.00	15.96	1.87	3.24	16.12	0.23
ORIA-2REGATA	15723.44	T100	1132.00	15.89	2.15	3.15	16.11	0.26
ORIA-2REGATA	15698.95	T100	1132.00	15.79	2.48	3.41	16.09	0.30
ORIA-2REGATA	15670.31	T100	1132.00	15.80	2.38	3.61	16.07	0.29
ORIA-2REGATA	15629.25	T100	1132.00	15.73	2.54	3.04	16.04	0.31
ORIA-2REGATA	15581.08	T100	1132.00	15.71	2.53	2.77	16.00	0.30

T100 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	15541.86	T100	1132.00	15.33	3.44	2.83	15.90	0.40
ORIA-2REGATA	15535.32		Mult Open					
ORIA-2REGATA	15535.16	T100	1132.00	14.74	3.83	3.01	15.46	0.46
ORIA-2REGATA	15499.05	T100	1132.00	14.84	2.98	2.71	15.27	0.39
ORIA-2REGATA	15459.37	T100	1132.00	14.62	3.47	2.46	15.21	0.45
ORIA-2REGATA	15421.29	T100	1132.00	14.47	3.70	2.27	15.14	0.48
ORIA-2REGATA	15379.77	T100	1132.00	14.40	3.77	2.34	15.07	0.51
ORIA-2REGATA	15325.62	T100	1132.00	14.29	3.78	2.34	14.97	0.52
ORIA-2REGATA	15284.57	T100	1132.00	14.27	3.51	2.53	14.88	0.48
ORIA-2REGATA	15225.7	T100	1132.00	14.22	3.33	2.86	14.77	0.46
ORIA-2REGATA	15173.95	T100	1132.00	14.18	3.22	2.91	14.69	0.45
ORIA-2REGATA	15127	T100	1132.00	14.12	3.19	2.90	14.63	0.45
ORIA-2REGATA	15072.87	T100	1132.00	14.05	3.24	2.57	14.55	0.44
ORIA-2REGATA	15021.28	T100	1132.00	13.96	3.33	2.52	14.49	0.44
ORIA-2REGATA	14970.36	T100	1132.00	13.93	3.24	2.43	14.41	0.42
ORIA-2REGATA	14922	T100	1132.00	13.88	3.20	2.83	14.35	0.42
ORIA-2REGATA	14873.26	T100	1132.00	13.79	3.31	2.46	14.29	0.43
ORIA-2REGATA	14823.96	T100	1132.00	13.77	3.16	2.74	14.22	0.41
ORIA-2REGATA	14773.64	T100	1132.00	13.72	3.13	2.25	14.16	0.42
ORIA-2REGATA	14723.51	T100	1132.00	13.67	3.12	2.17	14.10	0.42
ORIA-2REGATA	14655.7	T100	1132.00	13.59	3.10	2.18	14.01	0.43
ORIA-2REGATA	14605.55	T100	1132.00	13.58	2.94	2.14	13.94	0.40
ORIA-2REGATA	14554.89	T100	1132.00	13.60	2.42	2.80	13.87	0.33
ORIA-2REGATA	14500.36	T100	1132.00	13.66	1.70	2.80	13.80	0.24
ORIA-2REGATA	14449.37	T100	1132.00	13.60	2.06	2.98	13.77	0.28
ORIA-2REGATA	14399.3	T100	1132.00	13.57	2.21	2.88	13.74	0.31
ORIA-2REGATA	14349.13	T100	1132.00	13.58	1.62	3.00	13.70	0.26
ORIA-2REGATA	14328.2	T100	1132.00	13.57	1.67	2.98	13.68	0.27
ORIA-2REGATA	14248.94	T100	1132.00	13.50	1.86	2.38	13.63	0.30
ORIA-2REGATA	14171.25	T100	1132.00	13.47	1.71	2.27	13.58	0.28
ORIA-2REGATA	14107.97	T100	1132.00	13.38	2.02	2.60	13.54	0.31
ORIA-2REGATA	14074.51	T100	1132.00	13.30	2.23	2.55	13.51	0.34
ORIA-2REGATA	14013.92	T100	1132.00	12.67	3.89	1.98	13.38	0.59
ORIA-2REGATA	13965.17	T100	1132.00	12.65	3.62	2.05	13.23	0.54
ORIA-2REGATA	13910.59	T100	1132.00	12.32	4.08	2.05	13.09	0.61
ORIA-2REGATA	13858.97	T100	1132.00	12.30	3.73	2.00	12.92	0.56
ORIA-2REGATA	13796.84	T100	1132.00	12.12	3.85	1.91	12.77	0.58
ORIA-2REGATA	13740.79	T100	1132.00	11.90	4.08	1.59	12.62	0.63
ORIA-2REGATA	13697.46	T100	1132.00	11.80	3.98	1.62	12.49	0.64
ORIA-2REGATA	13637.55	T100	1132.00	11.81	3.52	1.80	12.27	0.54
ORIA-2REGATA	13579.41	T100	1132.00	11.92	2.21	2.17	12.11	0.38

T100 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	13576.5		Inl Struct					
ORIA-2REGATA	13545.21	T100	1132.00	11.95	1.86	2.70	12.08	0.24
ORIA-2REGATA	13506.84	T100	1132.00	11.95	1.69	2.76	12.06	0.22
ORIA-2REGATA	13440.63	T100	1132.00	11.91	1.91	2.71	12.03	0.24
ORIA-2REGATA	13396.47	T100	1132.00	11.88	2.00	2.76	12.02	0.25
ORIA-2REGATA	13325.25	T100	1132.00	11.84	2.10	2.85	11.99	0.26
ORIA-2REGATA	13287.46	T100	1132.00	11.82	2.10	3.05	11.97	0.27
ORIA-2REGATA	13242.87	T100	1132.00	11.78	2.15	3.23	11.95	0.27
ORIA-2REGATA	13191.41	T100	1132.00	11.52	2.91	3.62	11.89	0.36
ORIA-2REGATA	13137.97	T100	1132.00	11.31	3.27	4.11	11.83	0.43
ORIA-2REGATA	13080.05	T100	1132.00	11.29	3.08	3.54	11.74	0.41
ORIA-2REGATA	13026.78	T100	1132.00	11.21	3.14	4.02	11.68	0.40
ORIA-2REGATA	12981.51	T100	1132.00	11.17	3.14	2.56	11.64	0.38
ORIA-2REGATA	12977.95		Bridge					
ORIA-2REGATA	12975.23	T100	1132.00	10.22	3.83	2.11	10.97	0.50
ORIA-2REGATA	12943.5	T100	1132.00	10.27	3.27	3.67	10.82	0.46
ORIA-2REGATA	12908.45	T100	1132.00	10.23	3.24	4.09	10.76	0.46
ORIA-2REGATA	12862.23	T100	1132.00	10.21	3.08	3.08	10.69	0.42
ORIA-2REGATA	12829.24	T100	1132.00	10.14	3.14	4.14	10.65	0.42
ORIA-2REGATA	12796.69	T100	1132.00	10.22	2.61	4.91	10.57	0.34
ORIA-2REGATA	12726.5	T100	1132.00	10.28	1.99	3.92	10.48	0.27
ORIA-2REGATA	12683.51	T100	1132.00	10.20	2.20	6.86	10.45	0.27
ORIA-2REGATA	12680		Bridge					
ORIA-2REGATA	12676.4	T100	1132.00	10.10	2.22	6.95	10.36	0.27
ORIA-2REGATA	12637.89	T100	1132.00	10.04	2.36	4.80	10.33	0.31
ORIA-2REGATA	12595.5	T100	1132.00	9.78	3.11	3.93	10.27	0.42
ORIA-2REGATA	12546.51	T100	1132.00	9.82	2.68	4.38	10.18	0.36
ORIA-2REGATA	12498.8	T100	1132.00	9.74	2.81	5.34	10.14	0.36
ORIA-2REGATA	12462.68	T100	1132.00	9.66	2.94	5.90	10.10	0.39
ORIA-2REGATA	12412.34	T100	1132.00	9.63	2.84	5.75	10.05	0.38
ORIA-2REGATA	12362.3	T100	1132.00	9.62	2.67	5.14	9.98	0.38
ORIA-2REGATA	12320.09	T100	1132.00	9.46	3.04	5.84	9.93	0.40
ORIA-2REGATA	12269.8	T100	1132.00	9.45	2.81	5.27	9.86	0.37
ORIA-2REGATA	12214.37	T100	1132.00	9.40	2.82	4.09	9.81	0.37
ORIA-2REGATA	12156.64	T100	1132.00	9.34	2.83	4.61	9.75	0.38
ORIA-2REGATA	12101.79	T100	1132.00	9.29	2.83	4.22	9.70	0.37
ORIA-2REGATA	12046.41	T100	1132.00	9.00	3.49	5.03	9.62	0.45
ORIA-2REGATA	12006.09	T100	1132.00	9.05	3.04	4.52	9.52	0.40
ORIA-2REGATA	11956.06	T100	1132.00	9.02	2.99	5.23	9.47	0.35
ORIA-2REGATA	11905.86	T100	1132.00	9.01	2.86	4.64	9.42	0.33
ORIA-2REGATA	11864.21	T100	1132.00	9.03	2.70	4.62	9.37	0.31
ORIA-2REGATA	11729.66	T100	1132.00	9.03	2.32	3.35	9.27	0.27

T100 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	11601.53	T100	1132.00	8.77	3.08	2.98	9.18	0.37
ORIA-2REGATA	11446.61	T100	1151.00	8.65	2.90	3.29	9.03	0.37
ORIA-2REGATA	11322.82	T100	1151.00	8.55	2.88	3.53	8.92	0.36
ORIA-2REGATA	11211.57	T100	1151.00	8.47	2.92	3.30	8.83	0.35
ORIA-2REGATA	11039.79	T100	1151.00	7.59	4.55	2.26	8.55	0.58
ORIA-2REGATA	10914.69	T100	1151.00	7.49	4.01	2.24	8.23	0.53
ORIA-2REGATA	10742.68	T100	1151.00	7.37	3.36	2.67	7.90	0.44
ORIA-2REGATA	10619.16	T100	1151.00	7.56	1.76	4.12	7.71	0.23
ORIA-2REGATA	10513.57	T100	1151.00	7.51	1.83	4.12	7.67	0.26
ORIA-2REGATA	10362.58	T100	1151.00	7.43	1.94	4.42	7.61	0.25
ORIA-2REGATA	10261.68	T100	1151.00	7.36	2.17	4.20	7.57	0.26
ORIA-2REGATA	10168.2	T100	1151.00	7.34	2.16	4.11	7.53	0.25
ORIA-2REGATA	10120.72	T100	1151.00	7.20	2.70	3.50	7.50	0.33
ORIA-2REGATA	10084.2	T100	1151.00	7.14	2.75	4.51	7.48	0.35
ORIA-2REGATA	10052.3	T100	1151.00	7.12	2.64	4.95	7.45	0.33
ORIA-2REGATA	10048.87		Bridge					
ORIA-2REGATA	10046.04	T100	1151.00	6.87	2.42	5.17	7.17	0.34
ORIA-2REGATA	10005.62	T100	1151.00	6.74	2.79	4.17	7.11	0.36
ORIA-2REGATA	9952.628	T100	1151.00	6.76	2.48	3.52	7.06	0.32
ORIA-2REGATA	9843.386	T100	1151.00	6.66	2.60	2.85	6.99	0.33
ORIA-2REGATA	9748.673	T100	1151.00	6.60	2.64	2.34	6.93	0.33
ORIA-2REGATA	9660.88	T100	1151.00	6.57	2.59	2.10	6.87	0.32
ORIA-2REGATA	9541.047	T100	1151.00	6.57	2.16	2.23	6.78	0.27
ORIA-2REGATA	9379.213	T100	1151.00	6.52	2.16	2.47	6.71	0.26
ORIA-2REGATA	9304.015	T100	1151.00	6.46	2.28	2.31	6.68	0.28
ORIA-2REGATA	9180.456	T100	1151.00	6.35	2.54	2.26	6.62	0.30
ORIA-2REGATA	9082.134	T100	1151.00	6.32	2.35	2.29	6.56	0.30
ORIA-2REGATA	9037.875	T100	1151.00	6.22	2.63	2.53	6.53	0.34
ORIA-2REGATA	8965.871	T100	1151.00	6.22	2.33	3.03	6.47	0.30
ORIA-2REGATA	8924.898	T100	1151.00	6.23	2.12	3.30	6.44	0.26
ORIA-2REGATA	8858.508	T100	1151.00	6.19	2.15	2.98	6.41	0.27
ORIA-2REGATA	8808.497	T100	1151.00	6.17	2.13	2.78	6.39	0.28
ORIA-2REGATA	8757.154	T100	1151.00	6.14	2.18	2.63	6.36	0.29
ORIA-2REGATA	8705.003	T100	1151.00	6.13	2.03	2.81	6.33	0.28
ORIA-2REGATA	8654.991	T100	1151.00	6.05	2.29	2.73	6.30	0.31
ORIA-2REGATA	8604.684	T100	1151.00	6.09	1.81	3.37	6.25	0.24
ORIA-2REGATA	8540.668	T100	1151.00	6.08	1.74	2.68	6.23	0.24
ORIA-2REGATA	8487.078	T100	1151.00	6.02	2.00	3.05	6.20	0.27
ORIA-2REGATA	8424.546	T100	1151.00	5.94	2.26	2.87	6.17	0.29
ORIA-2REGATA	8374.402	T100	1151.00	5.92	2.30	2.63	6.14	0.29
ORIA-2REGATA	8323.97	T100	1151.00	5.91	2.22	2.42	6.11	0.28
ORIA-2REGATA	8273.31	T100	1151.00	5.90	2.17	2.41	6.09	0.27

T100 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	8222.697	T100	1151.00	5.89	2.03	2.59	6.07	0.25
ORIA-2REGATA	8172.645	T100	1151.00	5.85	2.10	2.92	6.05	0.26
ORIA-2REGATA	8101.262	T100	1151.00	5.74	2.39	2.75	6.01	0.29
ORIA-2REGATA	8063.975	T100	1151.00	5.68	2.60	2.82	5.99	0.32
ORIA-2REGATA	8008.937	T100	1151.00	5.59	2.83	2.41	5.95	0.34
ORIA-2REGATA	7952.676	T100	1151.00	5.62	2.37	2.91	5.88	0.31
ORIA-2REGATA	7903.64	T100	1151.00	5.64	2.11	3.01	5.84	0.28
ORIA-2REGATA	7847.759	T100	1151.00	5.65	1.81	3.51	5.80	0.24
ORIA-2REGATA	7801.729	T100	1151.00	5.64	1.75	2.79	5.79	0.23
ORIA-2REGATA	7741.837	T100	1151.00	5.63	1.72	2.64	5.76	0.22
ORIA-2REGATA	7673.066	T100	1151.00	5.48	2.39	2.40	5.73	0.28
ORIA-2REGATA	7612.982	T100	1151.00	5.40	2.54	2.39	5.70	0.32
ORIA-2REGATA	7489.045	T100	1151.00	5.38	2.19	2.77	5.61	0.30
ORIA-2REGATA	7379.956	T100	1151.00	5.26	2.54	2.72	5.54	0.32
ORIA-2REGATA	7284.814	T100	1151.00	5.24	2.36	3.00	5.48	0.29
ORIA-2REGATA	7169.117	T100	1151.00	5.19	2.26	3.51	5.42	0.28
ORIA-2REGATA	7053.36	T100	1151.00	5.05	2.60	3.38	5.36	0.32
ORIA-2REGATA	6948.222	T100	1151.00	4.99	2.68	3.41	5.30	0.32
ORIA-2REGATA	6860.338	T100	1151.00	4.96	2.56	3.49	5.24	0.30
ORIA-2REGATA	6746.67	T100	1151.00	4.92	2.39	3.07	5.18	0.30
ORIA-2REGATA	6662.602	T100	1151.00	4.88	2.37	3.26	5.13	0.29
ORIA-2REGATA	6535.042	T100	1151.00	4.86	2.11	3.89	5.07	0.26
ORIA-2REGATA	6431.793	T100	1151.00	4.74	2.44	3.30	5.01	0.31
ORIA-2REGATA	6304.601	T100	1151.00	4.70	2.24	2.44	4.94	0.30
ORIA-2REGATA	6189.018	T100	1151.00	4.68	2.04	2.95	4.87	0.27
ORIA-2REGATA	6080.5	T100	1151.00	4.57	2.31	2.65	4.81	0.30
ORIA-2REGATA	6008.231	T100	1151.00	4.55	2.27	2.75	4.77	0.29
ORIA-2REGATA	5871.649	T100	1151.00	4.44	2.35	2.98	4.70	0.30
ORIA-2REGATA	5790.657	T100	1151.00	4.39	2.39	3.19	4.65	0.31
ORIA-2REGATA	5682.44	T100	1151.00	4.35	2.25	2.92	4.58	0.30
ORIA-2REGATA	5556.492	T100	1151.00	4.36	1.88	2.60	4.50	0.25
ORIA-2REGATA	5401.598	T100	1151.00	4.21	2.25	2.44	4.43	0.29
ORIA-2REGATA	5280.797	T100	1151.00	4.18	2.14	2.49	4.37	0.27
ORIA-2REGATA	5179.899	T100	1151.00	4.15	2.03	2.57	4.32	0.27
ORIA-2REGATA	5053.822	T100	1151.00	4.14	1.78	3.09	4.26	0.23
ORIA-2REGATA	4895.147	T100	1151.00	4.11	1.64	2.97	4.21	0.22
ORIA-2REGATA	4805.383	T100	1151.00	4.07	1.75	3.12	4.18	0.23
ORIA-2REGATA	4733.88	T100	1151.00	4.06	1.56	3.40	4.15	0.21
ORIA-2REGATA	4583.286	T100	1151.00	4.01	1.60	3.44	4.11	0.22
ORIA-2REGATA	4507.483	T100	1151.00	3.98	1.61	3.00	4.09	0.22
ORIA-2REGATA	4356.233	T100	1151.00	3.93	1.61	2.91	4.04	0.22
ORIA-2REGATA	4259.779	T100	1151.00	3.89	1.66	2.79	4.01	0.24

T100 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	4158.449	T100	1151.00	3.83	1.77	2.91	3.98	0.22
ORIA-2REGATA	3974.194	T100	1151.00	3.79	1.65	2.88	3.92	0.24
ORIA-2REGATA	3886.724	T100	1151.00	3.72	1.80	3.22	3.88	0.27
ORIA-2REGATA	3808.914	T100	1151.00	3.68	1.83	4.25	3.85	0.27
ORIA-2REGATA	3658.406	T100	1151.00	3.69	1.41	3.52	3.78	0.20
ORIA-2REGATA	3566.72	T100	1151.00	3.67	1.38	3.63	3.75	0.19
ORIA-2REGATA	3442.677	T100	1151.00	3.64	1.39	3.62	3.72	0.19
ORIA-2REGATA	3337.678	T100	1151.00	3.63	1.23	3.73	3.70	0.18
ORIA-2REGATA	3270.399	T100	1151.00	3.61	1.30	3.80	3.68	0.19
ORIA-2REGATA	3154.791	T100	1151.00	3.59	1.16	3.50	3.66	0.17
ORIA-2REGATA	3051.658	T100	1151.00	3.58	1.04	3.11	3.63	0.16
ORIA-2REGATA	2911.274	T100	1151.00	3.54	1.24	3.11	3.61	0.18
ORIA-2REGATA	2822.969	T100	1151.00	3.54	1.13	3.26	3.59	0.16
ORIA-2REGATA	2720.568	T100	1151.00	3.54	0.95	3.55	3.57	0.13
ORIA-2REGATA	2634.605	T100	1151.00	3.51	1.10	3.16	3.56	0.15
ORIA-2REGATA	2544.922	T100	1151.00	3.48	1.22	2.87	3.54	0.17
ORIA-2REGATA	2427.927	T100	1151.00	3.46	1.14	2.95	3.52	0.16
ORIA-2REGATA	2339.462	T100	1151.00	3.43	1.20	3.50	3.50	0.18
ORIA-2REGATA	2269.4	T100	1151.00	3.42	1.15	4.54	3.49	0.17
ORIA-2REGATA	2161.252	T100	1151.00	3.39	1.28	5.18	3.47	0.17
ORIA-2REGATA	2119.406	T100	1151.00	3.37	1.36	5.06	3.46	0.19
ORIA-2REGATA	2058.987	T100	1151.00	3.34	1.42	4.93	3.45	0.20
ORIA-2REGATA	2033.004	T100	1151.00	3.33	1.49	4.89	3.44	0.21
ORIA-2REGATA	1983.467	T100	1151.00	3.30	1.58	4.55	3.42	0.23
ORIA-2REGATA	1935.376	T100	1151.00	3.27	1.62	4.60	3.41	0.23
ORIA-2REGATA	1884.235	T100	1151.00	3.26	1.61	4.69	3.39	0.23
ORIA-2REGATA	1831.032	T100	1151.00	3.24	1.63	4.75	3.37	0.23
ORIA-2REGATA	1779.842	T100	1151.00	3.23	1.56	3.33	3.35	0.23
ORIA-2REGATA	1730.022	T100	1151.00	3.24	1.37	3.60	3.33	0.20
ORIA-2REGATA	1661.702	T100	1151.00	3.24	1.20	3.66	3.31	0.18
ORIA-2REGATA	1578.735	T100	1151.00	3.19	1.38	4.50	3.29	0.20
ORIA-2REGATA	1553.596	T100	1151.00	3.16	1.55	3.78	3.28	0.22
ORIA-2REGATA	1514.229	T100	1151.00	3.12	1.68	4.04	3.26	0.24
ORIA-2REGATA	1477.101	T100	1151.00	3.14	1.41	5.74	3.24	0.18
ORIA-2REGATA	1471.015		Bridge					
ORIA-2REGATA	1465.333	T100	1151.00	3.13	1.37	5.95	3.23	0.17
ORIA-2REGATA	1434.906	T100	1151.00	3.16	1.07	9.23	3.21	0.10
ORIA-2REGATA	1387.195	T100	1151.00	3.08	1.53	7.72	3.20	0.17
ORIA-2REGATA	1348.897	T100	1151.00	3.05	1.66	6.82	3.19	0.20
ORIA-2REGATA	1286.482	T100	1151.00	3.02	1.76	7.43	3.18	0.21
ORIA-2REGATA	1241.408	T100	1151.00	3.03	1.56	7.00	3.16	0.19
ORIA-2REGATA	1194.451	T100	1151.00	3.05	1.27	6.02	3.14	0.16

T100 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	1156.984	T100	1151.00	3.06	1.08	6.01	3.12	0.14
ORIA-2REGATA	1133.869	T100	1151.00	3.07	0.97	5.96	3.12	0.13
ORIA-1	1037.507	T100	1195.00	3.06	1.07	4.75	3.12	0.15
ORIA-1	986.9419	T100	1195.00	3.03	1.24	5.03	3.11	0.18
ORIA-1	935.5785	T100	1195.00	3.00	1.39	5.27	3.10	0.19
ORIA-1	886.6628	T100	1195.00	2.97	1.52	5.37	3.08	0.21
ORIA-1	831.8651	T100	1195.00	2.93	1.63	5.34	3.07	0.23
ORIA-1	790.4279	T100	1195.00	2.93	1.54	5.09	3.05	0.22
ORIA-1	742.9493	T100	1195.00	2.92	1.54	5.23	3.04	0.21
ORIA-1	704.7355	T100	1195.00	2.89	1.67	5.29	3.03	0.23
ORIA-1	654.5527	T100	1195.00	2.85	1.77	5.36	3.01	0.24
ORIA-1	605.1155	T100	1195.00	2.85	1.68	5.20	2.99	0.24
ORIA-1	556.4642	T100	1195.00	2.85	1.60	5.21	2.98	0.22
ORIA-1	513.2202	T100	1195.00	2.84	1.57	5.12	2.96	0.22
ORIA-1	481.5066	T100	1195.00	2.84	1.48	5.02	2.95	0.21
ORIA-1	416.8413	T100	1195.00	2.85	1.29	4.90	2.93	0.19
ORIA-1	366.8122	T100	1195.00	2.84	1.23	4.82	2.92	0.18
ORIA-1	316.8093	T100	1195.00	2.84	1.21	4.74	2.91	0.18
ORIA-1	266.78	T100	1195.00	2.82	1.23	4.77	2.90	0.18
ORIA-1	216.6627	T100	1195.00	2.81	1.27	4.91	2.89	0.18
ORIA-1	184.1351	T100	1195.00	2.82	1.10	5.77	2.88	0.15
ORIA-1	146.8827	T100	1195.00	2.82	1.01	5.80	2.87	0.13
ORIA-1	93.1843	T100	1195.00	2.76	1.42	5.54	2.86	0.19

T500 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
RegataUrbil	545.7	T500	10.33	20.11	1.96	0.99	20.31	0.63
RegataUrbil	541.8		Bridge					
RegataUrbil	505.706	T500	10.33	19.41	2.64	0.71	19.77	1.00
RegataUrbil	458.679	T500	10.33	18.74	1.80	1.06	18.91	0.56
RegataUrbil	435.279	T500	10.33	18.19	2.82	0.81	18.59	1.00
RegataUrbil	415.79	T500	10.33	18.00	1.35	1.62	18.10	0.34
RegataUrbil	395.461	T500	10.33	18.03	0.71	2.24	18.06	0.13
RegataUrbil	375.242	T500	10.33	18.03	0.52	2.92	18.05	0.08
RegataUrbil	355.242	T500	10.33	18.03	0.47	2.89	18.04	0.07
RegataUrbil	348.28		Bridge					
RegataUrbil	337.683	T500	10.33	18.02	0.43	1.26	18.03	0.07
RegataUrbil	315.921	T500	10.33	18.02	0.31	1.14	18.03	0.05
ORIA-2	16563.3	T500	1691.00	18.67	3.13	3.79	19.10	0.38
ORIA-2	16512.31	T500	1691.00	18.54	3.33	3.75	19.03	0.41
ORIA-2	16460.81	T500	1691.00	18.42	3.43	3.76	18.97	0.42
ORIA-2	16411.62	T500	1691.00	18.25	3.68	4.13	18.89	0.46
ORIA-2	16349.22	T500	1691.00	17.29	5.09	3.94	18.56	0.65
ORIA-2	16347.99		Bridge					
ORIA-2	16346.3	T500	1691.00	17.29	5.02	4.10	18.54	0.65
ORIA-2	16320.97	T500	1691.00	17.57	3.46	3.80	18.15	0.46
ORIA-2	16274.54	T500	1691.00	17.69	2.64	4.72	18.03	0.34
ORIA-2	16224.48	T500	1691.00	17.62	2.70	3.77	17.98	0.41
ORIA-2	16163.02	T500	1691.00	17.64	2.22	3.40	17.88	0.34
ORIA-2	16134.34	T500	1691.00	17.62	1.88	3.29	17.79	0.31
ORIA-2REGATA	16083.65	T500	1691.00	17.58	1.82	3.94	17.75	0.29
ORIA-2REGATA	16031.29	T500	1691.00	17.55	1.78	3.82	17.71	0.28
ORIA-2REGATA	16000.81	T500	1691.00	17.52	1.85	3.23	17.69	0.30
ORIA-2REGATA	15960.27	T500	1691.00	17.48	1.87	3.30	17.66	0.30
ORIA-2REGATA	15925.95	T500	1691.00	17.45	1.95	3.45	17.63	0.31
ORIA-2REGATA	15896.56	T500	1691.00	17.43	1.93	3.12	17.61	0.30
ORIA-2REGATA	15863.9	T500	1691.00	17.43	1.88	3.36	17.59	0.27
ORIA-2REGATA	15832.96	T500	1691.00	17.43	1.84	3.86	17.57	0.25
ORIA-2REGATA	15798.94	T500	1691.00	17.41	1.90	3.99	17.56	0.24
ORIA-2REGATA	15773	T500	1691.00	17.40	1.89	4.38	17.55	0.22
ORIA-2REGATA	15744.06	T500	1691.00	17.35	2.09	4.50	17.54	0.23
ORIA-2REGATA	15723.44	T500	1691.00	17.24	2.49	4.37	17.52	0.28
ORIA-2REGATA	15698.95	T500	1691.00	17.07	3.00	4.39	17.49	0.33
ORIA-2REGATA	15670.31	T500	1691.00	17.09	2.84	4.54	17.46	0.32
ORIA-2REGATA	15629.25	T500	1691.00	17.02	2.99	3.94	17.43	0.33
ORIA-2REGATA	15581.08	T500	1691.00	17.04	2.83	3.75	17.38	0.31

T500 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	15541.86	T500	1691.00	16.64	3.80	3.25	17.26	0.45
ORIA-2REGATA	15535.32		Mult Open					
ORIA-2REGATA	15535.16	T500	1691.00	15.78	4.64	3.12	16.76	0.53
ORIA-2REGATA	15499.05	T500	1691.00	15.97	3.38	3.32	16.47	0.41
ORIA-2REGATA	15459.37	T500	1691.00	15.78	3.84	3.27	16.41	0.45
ORIA-2REGATA	15421.29	T500	1691.00	15.40	4.48	2.57	16.33	0.54
ORIA-2REGATA	15379.77	T500	1691.00	15.45	4.21	2.96	16.20	0.52
ORIA-2REGATA	15325.62	T500	1691.00	15.32	4.24	3.27	16.10	0.54
ORIA-2REGATA	15284.57	T500	1691.00	15.26	4.10	3.21	16.02	0.51
ORIA-2REGATA	15225.7	T500	1691.00	15.18	3.97	3.27	15.92	0.51
ORIA-2REGATA	15173.95	T500	1691.00	15.13	3.85	3.37	15.82	0.49
ORIA-2REGATA	15127	T500	1691.00	15.06	3.81	3.19	15.75	0.49
ORIA-2REGATA	15072.87	T500	1691.00	15.02	3.77	3.13	15.65	0.47
ORIA-2REGATA	15021.28	T500	1691.00	14.95	3.84	2.92	15.58	0.46
ORIA-2REGATA	14970.36	T500	1691.00	14.94	3.66	3.10	15.49	0.44
ORIA-2REGATA	14922	T500	1691.00	14.83	3.74	3.02	15.42	0.46
ORIA-2REGATA	14873.26	T500	1691.00	14.77	3.77	2.70	15.36	0.46
ORIA-2REGATA	14823.96	T500	1691.00	14.73	3.68	2.98	15.29	0.45
ORIA-2REGATA	14773.64	T500	1691.00	14.73	3.47	2.82	15.20	0.43
ORIA-2REGATA	14723.51	T500	1691.00	14.69	3.41	2.83	15.14	0.42
ORIA-2REGATA	14655.7	T500	1691.00	14.63	3.29	2.83	15.05	0.42
ORIA-2REGATA	14605.55	T500	1691.00	14.64	3.08	2.96	14.98	0.38
ORIA-2REGATA	14554.89	T500	1691.00	14.61	2.79	3.44	14.93	0.35
ORIA-2REGATA	14500.36	T500	1691.00	14.68	1.97	3.57	14.86	0.25
ORIA-2REGATA	14449.37	T500	1691.00	14.62	2.34	3.58	14.83	0.30
ORIA-2REGATA	14399.3	T500	1691.00	14.60	2.45	3.66	14.80	0.31
ORIA-2REGATA	14349.13	T500	1691.00	14.62	1.78	3.83	14.75	0.25
ORIA-2REGATA	14328.2	T500	1691.00	14.60	1.83	3.56	14.74	0.26
ORIA-2REGATA	14248.94	T500	1691.00	14.56	1.88	3.30	14.70	0.27
ORIA-2REGATA	14171.25	T500	1691.00	14.54	1.71	3.17	14.65	0.24
ORIA-2REGATA	14107.97	T500	1691.00	14.44	2.17	3.08	14.61	0.30
ORIA-2REGATA	14074.51	T500	1691.00	14.33	2.54	2.65	14.58	0.35
ORIA-2REGATA	14013.92	T500	1691.00	13.84	3.91	2.60	14.47	0.53
ORIA-2REGATA	13965.17	T500	1691.00	13.86	3.53	3.27	14.35	0.47
ORIA-2REGATA	13910.59	T500	1691.00	13.43	4.37	1.50	14.22	0.59
ORIA-2REGATA	13858.97	T500	1691.00	13.46	3.90	1.66	14.06	0.52
ORIA-2REGATA	13796.84	T500	1691.00	13.34	3.92	1.63	13.95	0.53
ORIA-2REGATA	13740.79	T500	1691.00	13.34	3.66	1.87	13.82	0.49
ORIA-2REGATA	13697.46	T500	1691.00	13.29	3.55	1.92	13.75	0.49
ORIA-2REGATA	13637.55	T500	1691.00	13.36	2.91	2.42	13.62	0.38
ORIA-2REGATA	13579.41	T500	1691.00	13.41	1.99	2.94	13.54	0.28

T500 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	13576.5		Inl Struct					
ORIA-2REGATA	13545.21	T500	1691.00	13.41	1.80	3.64	13.52	0.21
ORIA-2REGATA	13506.84	T500	1691.00	13.41	1.63	4.01	13.50	0.19
ORIA-2REGATA	13440.63	T500	1691.00	13.39	1.81	3.84	13.49	0.21
ORIA-2REGATA	13396.47	T500	1691.00	13.37	1.88	3.72	13.47	0.22
ORIA-2REGATA	13325.25	T500	1691.00	13.34	1.98	3.74	13.45	0.22
ORIA-2REGATA	13287.46	T500	1691.00	13.32	2.02	3.74	13.44	0.23
ORIA-2REGATA	13242.87	T500	1691.00	13.28	2.14	3.84	13.43	0.24
ORIA-2REGATA	13191.41	T500	1691.00	12.95	3.21	2.79	13.37	0.36
ORIA-2REGATA	13137.97	T500	1691.00	12.72	3.63	2.31	13.30	0.43
ORIA-2REGATA	13080.05	T500	1691.00	12.73	3.37	2.53	13.22	0.40
ORIA-2REGATA	13026.78	T500	1691.00	12.50	3.74	2.89	13.14	0.43
ORIA-2REGATA	12981.51	T500	1691.00	12.59	2.95	2.97	12.95	0.41
ORIA-2REGATA	12977.95		Bridge					
ORIA-2REGATA	12975.23	T500	1691.00	12.02	3.69	2.81	12.61	0.46
ORIA-2REGATA	12943.5	T500	1691.00	11.97	3.53	4.46	12.57	0.43
ORIA-2REGATA	12908.45	T500	1691.00	11.90	3.55	4.49	12.53	0.44
ORIA-2REGATA	12862.23	T500	1691.00	11.92	3.32	4.56	12.45	0.39
ORIA-2REGATA	12829.24	T500	1691.00	11.82	3.47	3.79	12.41	0.41
ORIA-2REGATA	12796.69	T500	1691.00	11.93	2.86	4.20	12.33	0.34
ORIA-2REGATA	12726.5	T500	1691.00	12.01	2.18	5.37	12.24	0.26
ORIA-2REGATA	12683.51	T500	1691.00	11.85	2.61	4.30	12.19	0.29
ORIA-2REGATA	12680		Bridge					
ORIA-2REGATA	12676.4	T500	1691.00	11.54	2.72	4.07	11.91	0.30
ORIA-2REGATA	12637.89	T500	1691.00	11.50	2.78	5.72	11.89	0.33
ORIA-2REGATA	12595.5	T500	1691.00	11.20	3.58	4.31	11.83	0.43
ORIA-2REGATA	12546.51	T500	1691.00	11.26	3.10	4.61	11.73	0.37
ORIA-2REGATA	12498.8	T500	1691.00	11.10	3.41	4.66	11.68	0.39
ORIA-2REGATA	12462.68	T500	1691.00	10.99	3.56	4.69	11.64	0.43
ORIA-2REGATA	12412.34	T500	1691.00	10.97	3.42	4.73	11.56	0.41
ORIA-2REGATA	12362.3	T500	1691.00	10.99	3.10	4.81	11.48	0.40
ORIA-2REGATA	12320.09	T500	1691.00	10.74	3.65	3.96	11.41	0.44
ORIA-2REGATA	12269.8	T500	1691.00	10.76	3.35	3.94	11.32	0.40
ORIA-2REGATA	12214.37	T500	1691.00	10.72	3.34	4.41	11.26	0.39
ORIA-2REGATA	12156.64	T500	1691.00	10.61	3.41	5.12	11.20	0.42
ORIA-2REGATA	12101.79	T500	1691.00	10.55	3.45	5.20	11.14	0.41
ORIA-2REGATA	12046.41	T500	1691.00	10.15	4.24	2.34	11.04	0.50
ORIA-2REGATA	12006.09	T500	1691.00	10.23	3.72	4.96	10.92	0.45
ORIA-2REGATA	11956.06	T500	1691.00	10.15	3.80	5.68	10.86	0.42
ORIA-2REGATA	11905.86	T500	1691.00	10.16	3.60	5.44	10.79	0.39
ORIA-2REGATA	11864.21	T500	1691.00	10.21	3.32	5.57	10.72	0.36
ORIA-2REGATA	11729.66	T500	1691.00	10.30	2.61	4.38	10.57	0.28

T500 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	11601.53	T500	1691.00	10.07	3.32	4.02	10.48	0.36
ORIA-2REGATA	11446.61	T500	1718.00	9.88	3.31	4.02	10.34	0.39
ORIA-2REGATA	11322.82	T500	1718.00	9.75	3.39	4.09	10.23	0.39
ORIA-2REGATA	11211.57	T500	1718.00	9.70	3.28	3.99	10.11	0.37
ORIA-2REGATA	11039.79	T500	1718.00	8.94	4.78	3.17	9.86	0.55
ORIA-2REGATA	10914.69	T500	1718.00	8.95	3.98	3.06	9.57	0.47
ORIA-2REGATA	10742.68	T500	1718.00	8.83	3.47	3.67	9.33	0.40
ORIA-2REGATA	10619.16	T500	1718.00	8.98	2.02	5.31	9.17	0.24
ORIA-2REGATA	10513.57	T500	1718.00	8.93	2.07	5.44	9.13	0.26
ORIA-2REGATA	10362.58	T500	1718.00	8.85	2.22	5.33	9.07	0.26
ORIA-2REGATA	10261.68	T500	1718.00	8.78	2.46	4.58	9.03	0.27
ORIA-2REGATA	10168.2	T500	1718.00	8.76	2.44	4.13	8.99	0.26
ORIA-2REGATA	10120.72	T500	1718.00	8.63	2.96	3.57	8.96	0.33
ORIA-2REGATA	10084.2	T500	1718.00	8.46	3.28	3.68	8.93	0.38
ORIA-2REGATA	10052.3	T500	1718.00	8.43	3.20	3.99	8.90	0.36
ORIA-2REGATA	10048.87		Bridge					
ORIA-2REGATA	10046.04	T500	1718.00	7.92	3.00	4.89	8.38	0.38
ORIA-2REGATA	10005.62	T500	1718.00	7.77	3.44	5.19	8.32	0.41
ORIA-2REGATA	9952.628	T500	1718.00	7.82	3.00	4.58	8.24	0.36
ORIA-2REGATA	9843.386	T500	1718.00	7.72	3.11	3.71	8.16	0.37
ORIA-2REGATA	9748.673	T500	1718.00	7.70	3.00	3.28	8.07	0.35
ORIA-2REGATA	9660.88	T500	1718.00	7.71	2.74	3.00	7.99	0.31
ORIA-2REGATA	9541.047	T500	1718.00	7.71	2.32	3.24	7.92	0.27
ORIA-2REGATA	9379.213	T500	1718.00	7.66	2.32	3.49	7.85	0.26
ORIA-2REGATA	9304.015	T500	1718.00	7.61	2.41	3.37	7.82	0.27
ORIA-2REGATA	9180.456	T500	1718.00	7.53	2.63	3.36	7.77	0.29
ORIA-2REGATA	9082.134	T500	1718.00	7.50	2.45	3.34	7.73	0.29
ORIA-2REGATA	9037.875	T500	1718.00	7.39	2.82	3.46	7.69	0.33
ORIA-2REGATA	8965.871	T500	1718.00	7.36	2.65	4.04	7.65	0.31
ORIA-2REGATA	8924.898	T500	1718.00	7.36	2.47	4.24	7.62	0.28
ORIA-2REGATA	8858.508	T500	1718.00	7.32	2.48	3.86	7.59	0.29
ORIA-2REGATA	8808.497	T500	1718.00	7.31	2.43	3.75	7.57	0.29
ORIA-2REGATA	8757.154	T500	1718.00	7.27	2.47	3.62	7.54	0.30
ORIA-2REGATA	8705.003	T500	1718.00	7.27	2.31	3.80	7.51	0.29
ORIA-2REGATA	8654.991	T500	1718.00	7.20	2.56	3.66	7.48	0.31
ORIA-2REGATA	8604.684	T500	1718.00	7.22	2.15	4.34	7.44	0.26
ORIA-2REGATA	8540.668	T500	1718.00	7.23	1.98	3.47	7.40	0.25
ORIA-2REGATA	8487.078	T500	1718.00	7.16	2.28	3.87	7.38	0.28
ORIA-2REGATA	8424.546	T500	1718.00	7.05	2.62	3.60	7.34	0.31
ORIA-2REGATA	8374.402	T500	1718.00	7.06	2.52	3.53	7.30	0.29
ORIA-2REGATA	8323.97	T500	1718.00	7.07	2.36	3.27	7.27	0.27
ORIA-2REGATA	8273.31	T500	1718.00	7.05	2.31	3.39	7.25	0.26

T500 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	8222.697	T500	1718.00	7.04	2.21	3.55	7.23	0.26
ORIA-2REGATA	8172.645	T500	1718.00	6.99	2.36	3.72	7.21	0.27
ORIA-2REGATA	8101.262	T500	1718.00	6.85	2.75	3.48	7.16	0.31
ORIA-2REGATA	8063.975	T500	1718.00	6.77	3.00	3.53	7.14	0.34
ORIA-2REGATA	8008.937	T500	1718.00	6.70	3.17	3.50	7.10	0.35
ORIA-2REGATA	7952.676	T500	1718.00	6.72	2.75	3.90	7.04	0.33
ORIA-2REGATA	7903.64	T500	1718.00	6.75	2.41	3.61	6.99	0.29
ORIA-2REGATA	7847.759	T500	1718.00	6.75	2.14	4.35	6.96	0.26
ORIA-2REGATA	7801.729	T500	1718.00	6.75	2.03	3.62	6.93	0.25
ORIA-2REGATA	7741.837	T500	1718.00	6.75	1.96	3.70	6.91	0.23
ORIA-2REGATA	7673.066	T500	1718.00	6.58	2.71	3.46	6.87	0.30
ORIA-2REGATA	7612.982	T500	1718.00	6.50	2.87	3.42	6.83	0.33
ORIA-2REGATA	7489.045	T500	1718.00	6.46	2.55	3.74	6.75	0.32
ORIA-2REGATA	7379.956	T500	1718.00	6.35	2.88	3.74	6.68	0.34
ORIA-2REGATA	7284.814	T500	1718.00	6.33	2.67	3.97	6.61	0.31
ORIA-2REGATA	7169.117	T500	1718.00	6.22	2.74	4.45	6.55	0.31
ORIA-2REGATA	7053.36	T500	1718.00	6.05	3.12	4.30	6.47	0.36
ORIA-2REGATA	6948.222	T500	1718.00	6.00	3.14	4.32	6.39	0.35
ORIA-2REGATA	6860.338	T500	1718.00	5.95	3.05	4.40	6.33	0.34
ORIA-2REGATA	6746.67	T500	1718.00	5.90	2.87	3.93	6.25	0.33
ORIA-2REGATA	6662.602	T500	1718.00	5.86	2.85	4.17	6.20	0.33
ORIA-2REGATA	6535.042	T500	1718.00	5.81	2.62	4.60	6.12	0.30
ORIA-2REGATA	6431.793	T500	1718.00	5.68	2.97	4.06	6.06	0.35
ORIA-2REGATA	6304.601	T500	1718.00	5.67	2.57	3.25	5.95	0.32
ORIA-2REGATA	6189.018	T500	1718.00	5.64	2.38	3.78	5.88	0.30
ORIA-2REGATA	6080.5	T500	1718.00	5.53	2.67	3.49	5.82	0.33
ORIA-2REGATA	6008.231	T500	1718.00	5.50	2.63	3.59	5.77	0.31
ORIA-2REGATA	5871.649	T500	1718.00	5.30	2.91	3.81	5.68	0.35
ORIA-2REGATA	5790.657	T500	1718.00	5.22	2.98	3.93	5.62	0.36
ORIA-2REGATA	5682.44	T500	1718.00	5.20	2.72	3.73	5.52	0.34
ORIA-2REGATA	5556.492	T500	1718.00	5.24	2.15	3.36	5.41	0.26
ORIA-2REGATA	5401.598	T500	1718.00	5.07	2.58	3.25	5.34	0.31
ORIA-2REGATA	5280.797	T500	1718.00	5.04	2.45	3.29	5.27	0.29
ORIA-2REGATA	5179.899	T500	1718.00	5.02	2.29	3.37	5.21	0.28
ORIA-2REGATA	5053.822	T500	1718.00	5.00	2.07	3.85	5.15	0.25
ORIA-2REGATA	4895.147	T500	1718.00	4.97	1.88	3.78	5.09	0.23
ORIA-2REGATA	4805.383	T500	1718.00	4.91	2.04	3.94	5.06	0.25
ORIA-2REGATA	4733.88	T500	1718.00	4.91	1.85	4.22	5.03	0.23
ORIA-2REGATA	4583.286	T500	1718.00	4.83	1.92	4.15	4.98	0.24
ORIA-2REGATA	4507.483	T500	1718.00	4.80	1.91	3.68	4.95	0.25
ORIA-2REGATA	4356.233	T500	1718.00	4.74	1.94	3.56	4.90	0.25
ORIA-2REGATA	4259.779	T500	1718.00	4.70	1.96	3.46	4.86	0.27

T500 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	4158.449	T500	1718.00	4.61	2.19	3.56	4.82	0.26
ORIA-2REGATA	3974.194	T500	1718.00	4.54	2.05	3.51	4.75	0.28
ORIA-2REGATA	3886.724	T500	1718.00	4.43	2.30	3.30	4.70	0.32
ORIA-2REGATA	3808.914	T500	1718.00	4.36	2.38	3.86	4.65	0.32
ORIA-2REGATA	3658.406	T500	1718.00	4.40	1.76	4.18	4.54	0.24
ORIA-2REGATA	3566.72	T500	1718.00	4.38	1.74	4.15	4.51	0.23
ORIA-2REGATA	3442.677	T500	1718.00	4.35	1.75	4.30	4.47	0.23
ORIA-2REGATA	3337.678	T500	1718.00	4.33	1.56	4.41	4.43	0.21
ORIA-2REGATA	3270.399	T500	1718.00	4.29	1.65	4.46	4.41	0.22
ORIA-2REGATA	3154.791	T500	1718.00	4.28	1.46	4.07	4.38	0.21
ORIA-2REGATA	3051.658	T500	1718.00	4.27	1.29	3.77	4.35	0.18
ORIA-2REGATA	2911.274	T500	1718.00	4.20	1.58	3.76	4.31	0.21
ORIA-2REGATA	2822.969	T500	1718.00	4.21	1.42	3.86	4.28	0.19
ORIA-2REGATA	2720.568	T500	1718.00	4.20	1.19	4.14	4.26	0.16
ORIA-2REGATA	2634.605	T500	1718.00	4.17	1.35	3.80	4.24	0.18
ORIA-2REGATA	2544.922	T500	1718.00	4.13	1.50	3.40	4.22	0.20
ORIA-2REGATA	2427.927	T500	1718.00	4.10	1.43	3.12	4.20	0.19
ORIA-2REGATA	2339.462	T500	1718.00	4.05	1.55	3.88	4.17	0.22
ORIA-2REGATA	2269.4	T500	1718.00	4.04	1.52	4.35	4.15	0.21
ORIA-2REGATA	2161.252	T500	1718.00	3.97	1.72	5.41	4.12	0.22
ORIA-2REGATA	2119.406	T500	1718.00	3.93	1.83	5.18	4.11	0.24
ORIA-2REGATA	2058.987	T500	1718.00	3.90	1.91	4.85	4.08	0.26
ORIA-2REGATA	2033.004	T500	1718.00	3.86	2.01	5.25	4.07	0.27
ORIA-2REGATA	1983.467	T500	1718.00	3.81	2.14	4.84	4.04	0.29
ORIA-2REGATA	1935.376	T500	1718.00	3.77	2.20	4.54	4.02	0.30
ORIA-2REGATA	1884.235	T500	1718.00	3.75	2.18	4.76	3.99	0.30
ORIA-2REGATA	1831.032	T500	1718.00	3.71	2.21	5.18	3.96	0.31
ORIA-2REGATA	1779.842	T500	1718.00	3.70	2.11	3.74	3.93	0.29
ORIA-2REGATA	1730.022	T500	1718.00	3.72	1.83	3.96	3.89	0.26
ORIA-2REGATA	1661.702	T500	1718.00	3.73	1.59	4.12	3.85	0.23
ORIA-2REGATA	1578.735	T500	1718.00	3.64	1.87	4.61	3.82	0.27
ORIA-2REGATA	1553.596	T500	1718.00	3.57	2.13	3.92	3.80	0.29
ORIA-2REGATA	1514.229	T500	1718.00	3.50	2.32	4.06	3.77	0.32
ORIA-2REGATA	1477.101	T500	1718.00	3.54	1.97	6.12	3.73	0.25
ORIA-2REGATA	1471.015		Bridge					
ORIA-2REGATA	1465.333	T500	1718.00	3.52	1.94	6.23	3.71	0.23
ORIA-2REGATA	1434.906	T500	1718.00	3.56	1.54	9.11	3.68	0.15
ORIA-2REGATA	1387.195	T500	1718.00	3.42	2.18	7.19	3.66	0.24
ORIA-2REGATA	1348.897	T500	1718.00	3.35	2.38	6.50	3.64	0.28
ORIA-2REGATA	1286.482	T500	1718.00	3.28	2.54	6.68	3.61	0.29
ORIA-2REGATA	1241.408	T500	1718.00	3.31	2.25	6.83	3.57	0.26
ORIA-2REGATA	1194.451	T500	1718.00	3.36	1.81	6.06	3.52	0.23

T500 ACTUAL								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	1156.984	T500	1718.00	3.38	1.53	6.24	3.50	0.20
ORIA-2REGATA	1133.869	T500	1718.00	3.39	1.38	6.19	3.49	0.18
ORIA-1	1037.507	T500	1781.00	3.37	1.50	4.96	3.49	0.21
ORIA-1	986.9419	T500	1781.00	3.31	1.75	5.29	3.47	0.24
ORIA-1	935.5785	T500	1781.00	3.25	1.98	5.51	3.45	0.27
ORIA-1	886.6628	T500	1781.00	3.18	2.18	5.58	3.42	0.30
ORIA-1	831.8651	T500	1781.00	3.11	2.35	5.50	3.39	0.32
ORIA-1	790.4279	T500	1781.00	3.11	2.22	5.25	3.36	0.31
ORIA-1	742.9493	T500	1781.00	3.09	2.23	5.36	3.34	0.31
ORIA-1	704.7355	T500	1781.00	3.06	2.30	4.48	3.32	0.32
ORIA-1	654.5527	T500	1781.00	3.02	2.37	2.77	3.29	0.32
ORIA-1	605.1155	T500	1781.00	3.02	2.23	3.17	3.26	0.31
ORIA-1	556.4642	T500	1781.00	3.01	2.14	3.22	3.23	0.30
ORIA-1	513.2202	T500	1781.00	2.93	2.29	4.26	3.20	0.32
ORIA-1	481.5066	T500	1781.00	2.94	2.16	5.11	3.18	0.30
ORIA-1	416.8413	T500	1781.00	2.95	1.88	5.00	3.13	0.27
ORIA-1	366.8122	T500	1781.00	2.94	1.80	4.91	3.11	0.26
ORIA-1	316.8093	T500	1781.00	2.93	1.76	4.82	3.09	0.26
ORIA-1	266.78	T500	1781.00	2.91	1.80	4.85	3.07	0.26
ORIA-1	216.6627	T500	1781.00	2.87	1.87	4.96	3.05	0.27
ORIA-1	184.1351	T500	1781.00	2.89	1.62	5.83	3.03	0.21
ORIA-1	146.8827	T500	1781.00	2.90	1.49	5.87	3.01	0.20
ORIA-1	93.1843	T500	1781.00	2.76	2.11	5.54	2.99	0.29

La avenida ordinaria no ocasiona desbordamientos de márgenes, mientras que para la avenida extraordinaria de 500 años la cota de avenida se eleva por encima de margen del encauzamiento actual llegando hasta el vial situado entre el centro comercial y la zona de la urbanización de estudio.

Para estas avenidas extraordinarias ya se producen inundaciones moderadas en ambas márgenes que afectan a la zona de huertas. Por la orografía de dichas márgenes, parecen abarcar algo más de superficie inundada en la margen derecha del cauce.

El régimen de velocidades oscila entre los 2,40- 2,90 m/s de máxima en la avenida de 10 años.

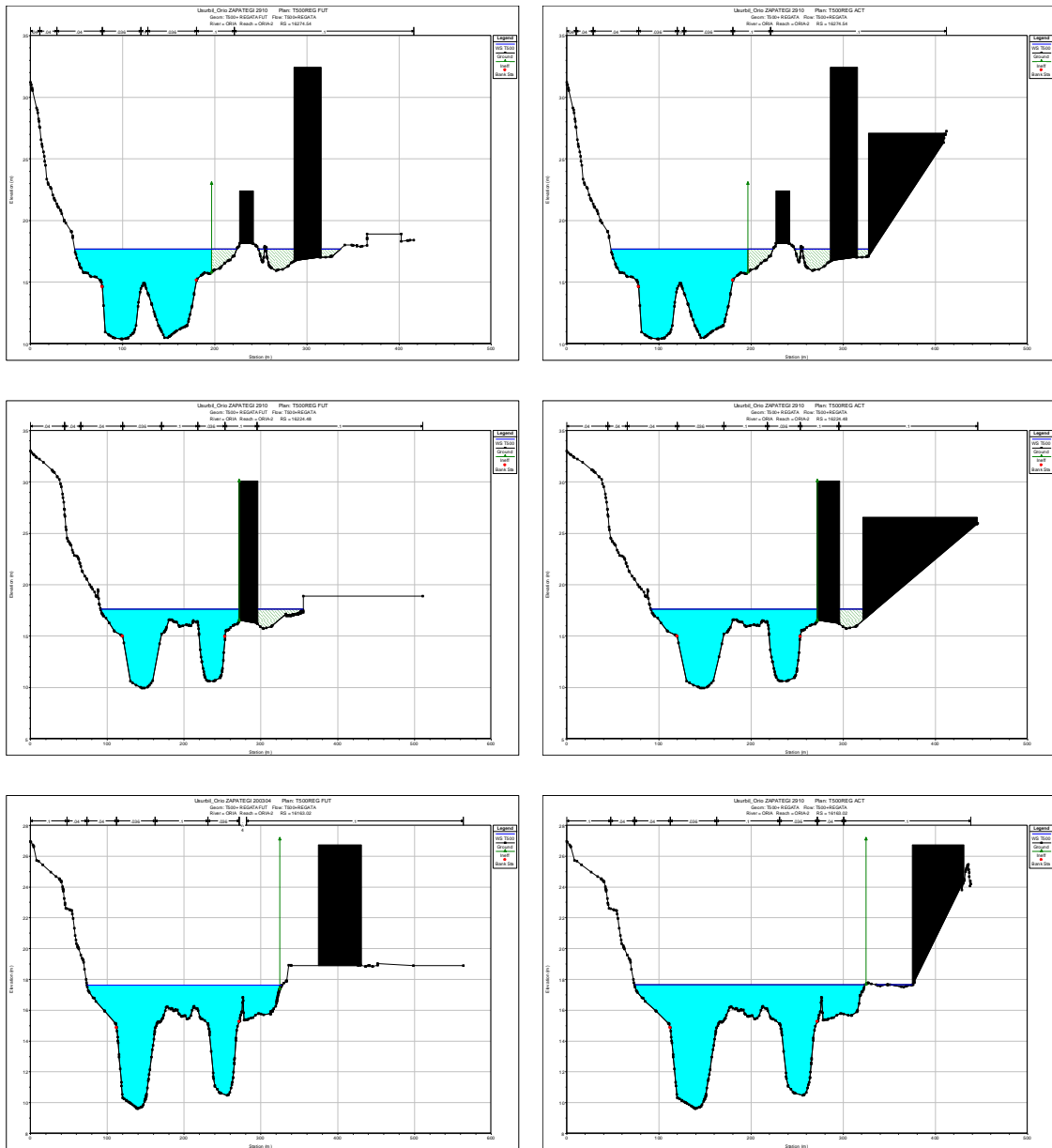
Las avenidas extraordinarias alcanzan valores superiores que se sitúan en el entorno de los 1,8 – 2,7 m/s.

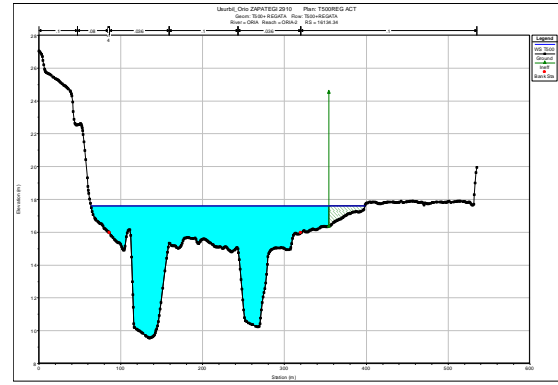
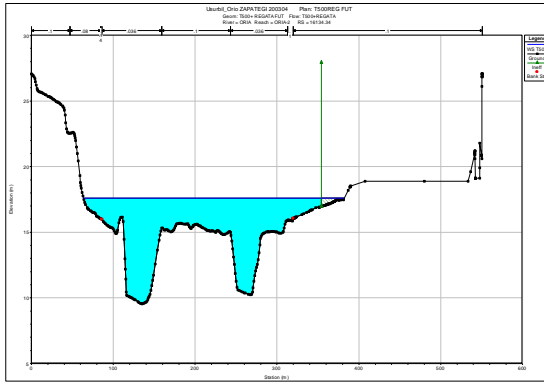
5.- MODELIZACIÓN DE ESTADO FUTURO

Se ha modelizado la geometría de la futura urbanización del área A-78 de ZAPATEGI en el HEC RAS teniendo en cuenta la sobre elevación de la plataforma hasta la cota 18,50, incluyendo un muro perimetral que abarca tanto el lado este como en el sur. Los perfiles que se han modificado para el estado futuro del ámbito son los situados entre los perfiles 16134.34 y 16274.54.

ESTADO FUTURO

ESTADO ACTUAL

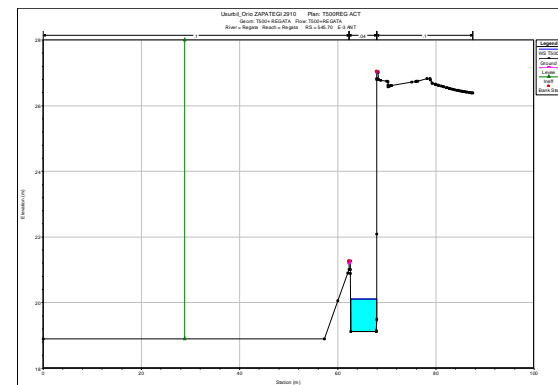
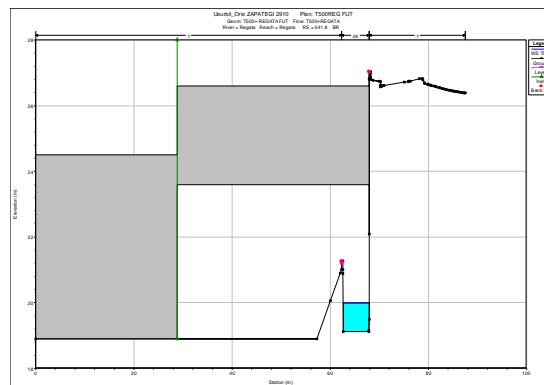
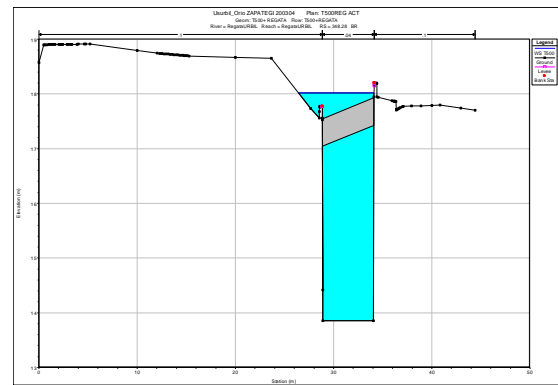
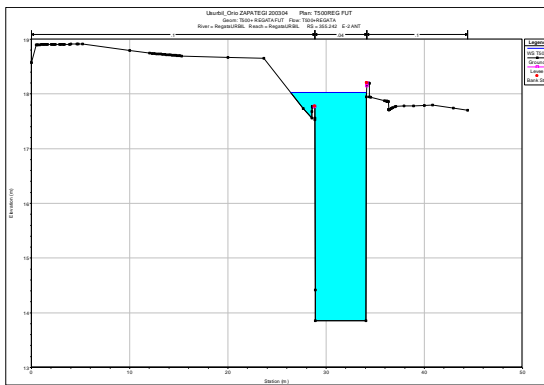




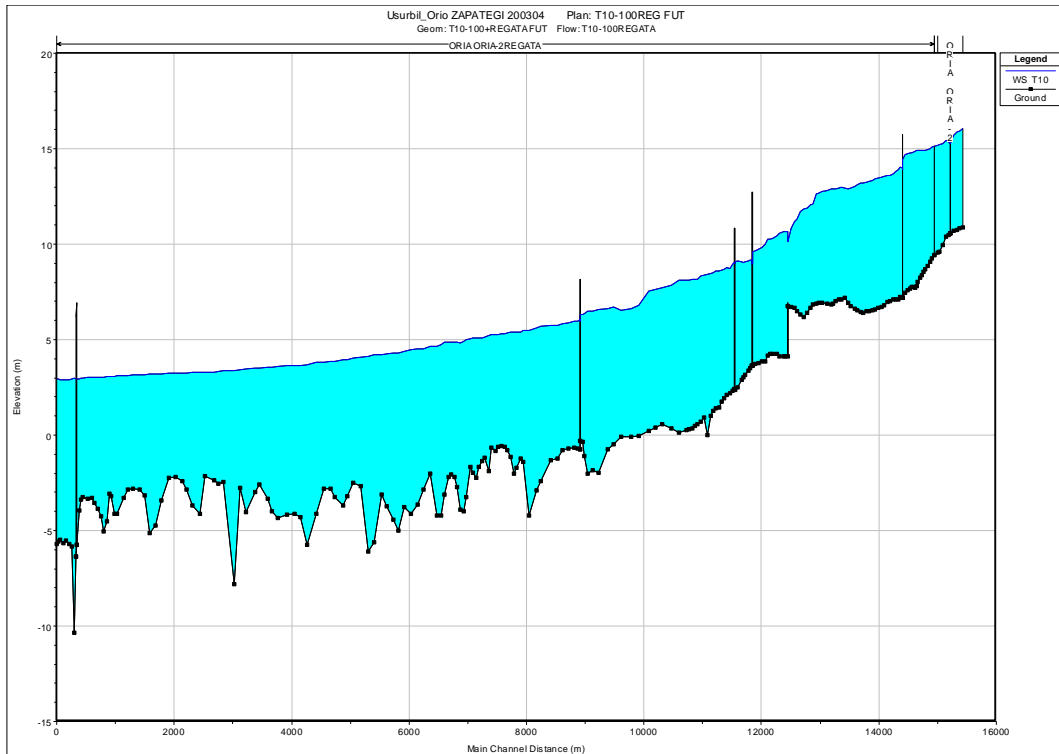
En la regata Urbil, se ha modelizado en estado futuro la pasarela nueva ubicada en la zona norte y se ha eliminado la pasarela actual existente:

ESTADO FUTURO

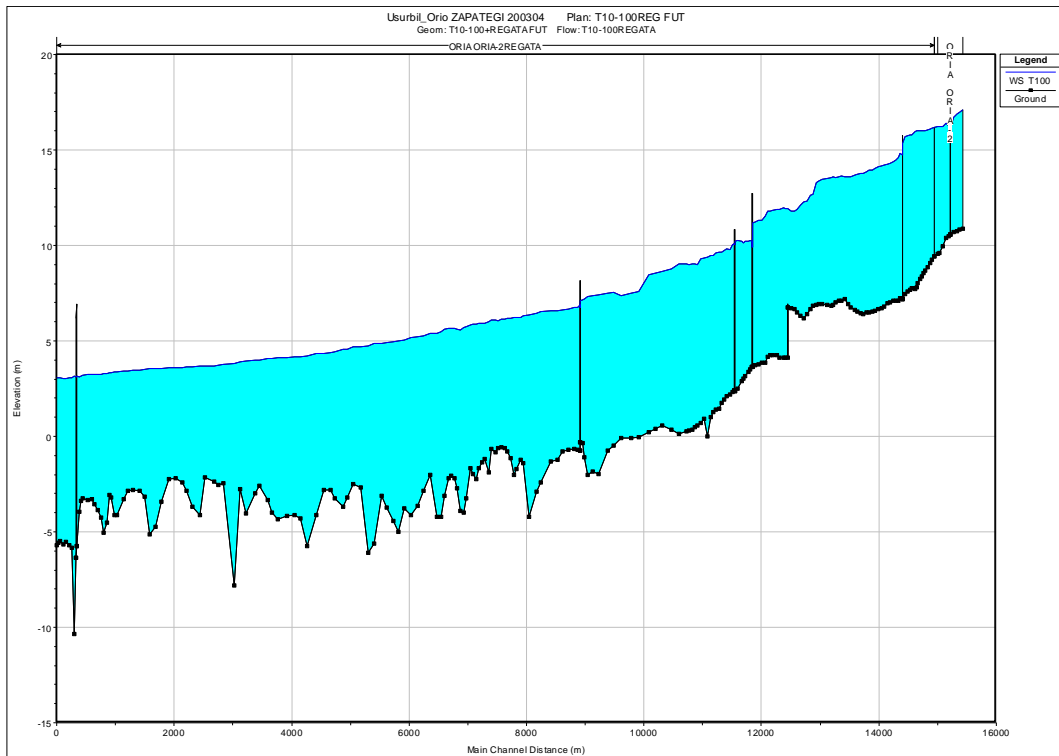
ESTADO ACTUAL



Se muestra a continuación el perfil longitudinal en estado futuro del río Oria y la regata Urbil para las avenidas de 10,100 y 500 años:

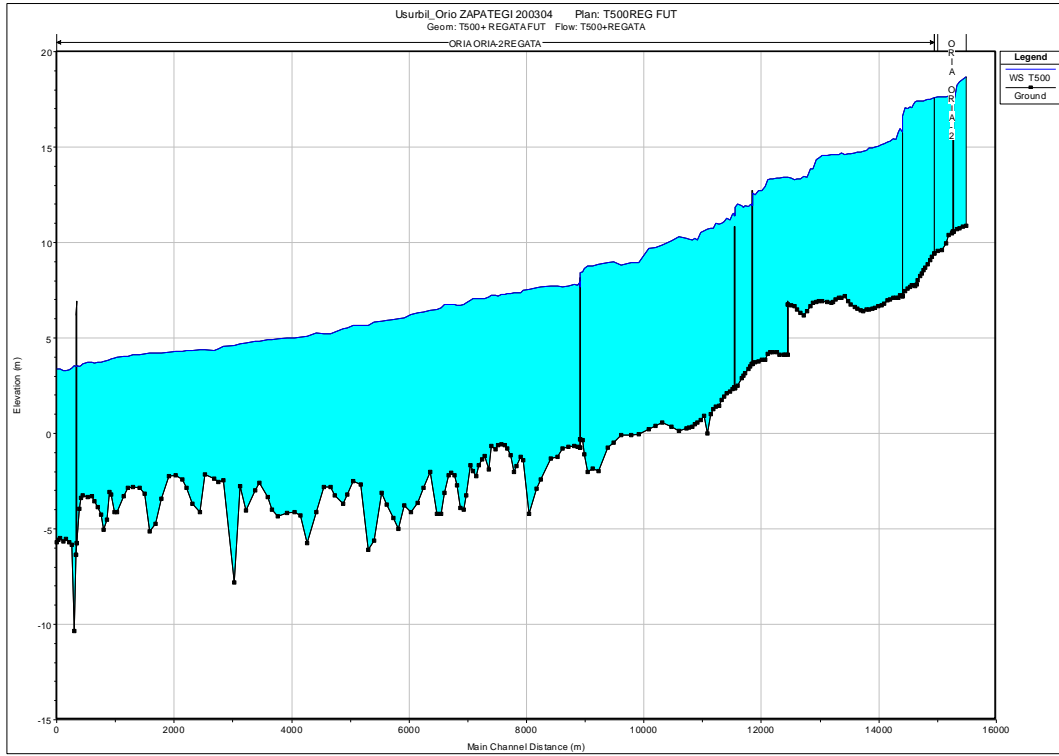


Perfil longitudinal río Oria para la avenida de 10 años

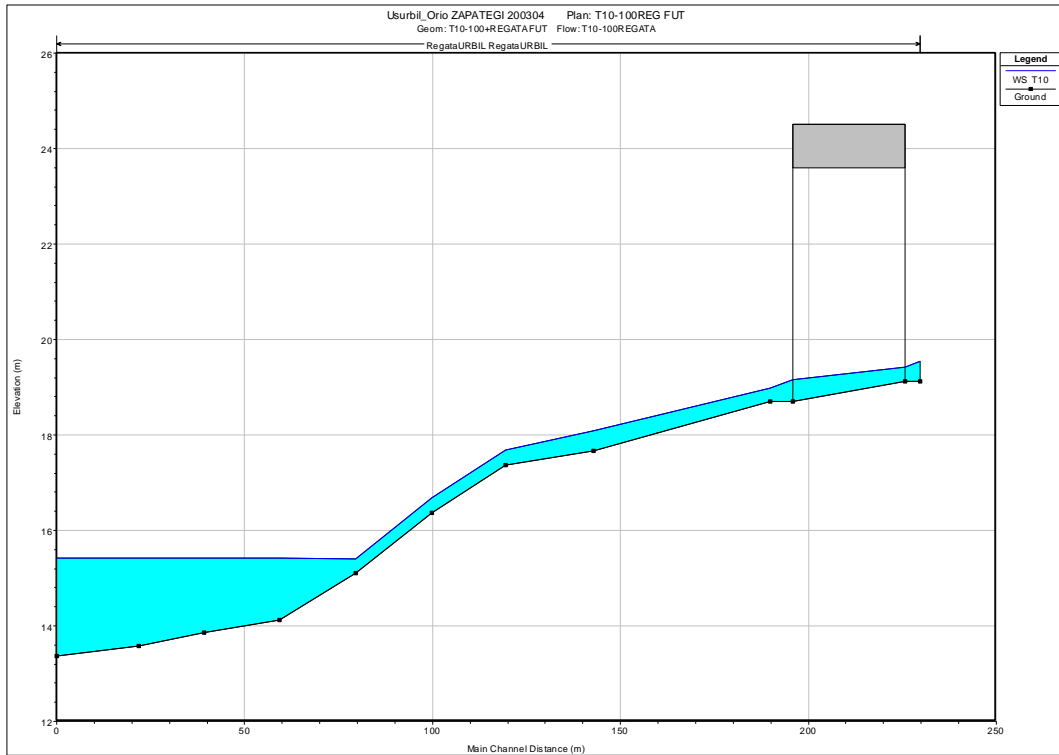


Perfil longitudinal río Oria para la avenida de 100 años

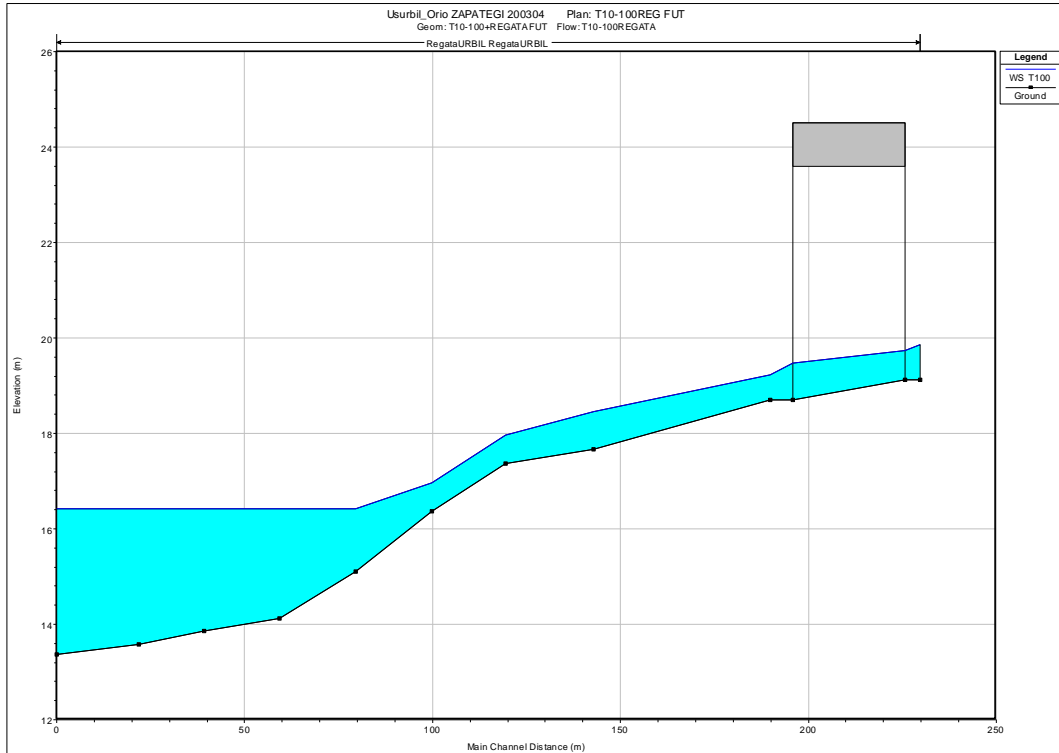
USURBILGO A-78 (TE) ZAPATEGI EREMUAREN 03 ARAU SUBSIDIARIOREN ALDAKETA PUNTUALEREN EGITASMOA
PROYECTO 03 MODIFICACION PUNTUAL DE LAS NORMAS SUBSIDIARIAS DE USURBIL PARA EL A-78 (TE) ZAPATEGI.



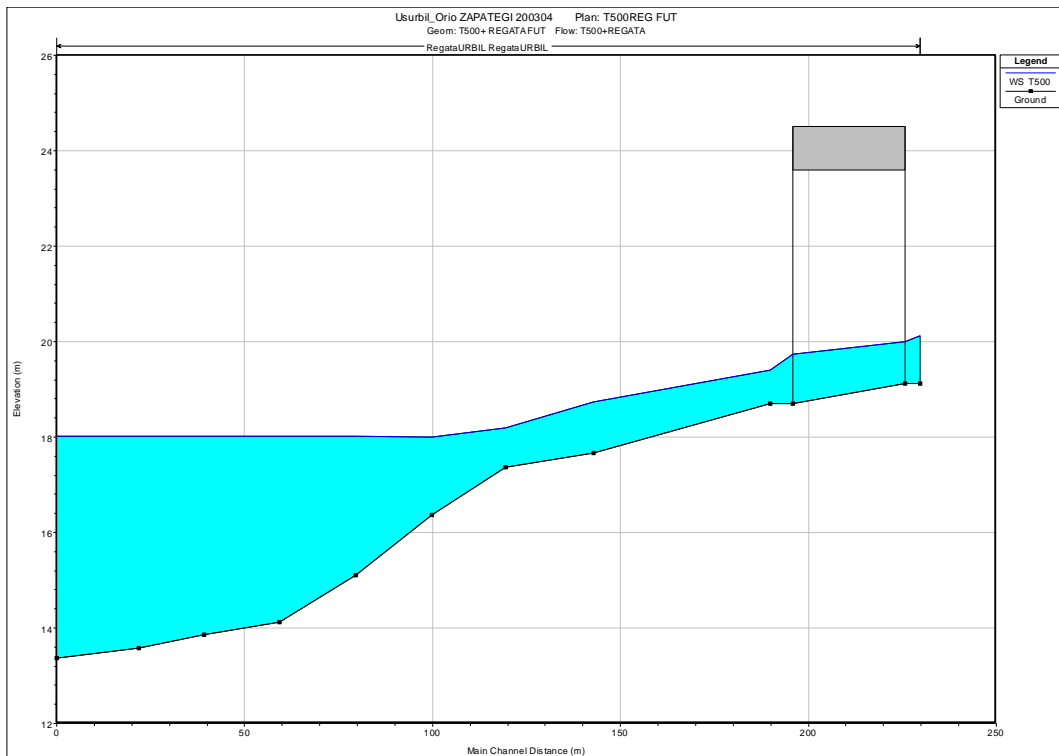
Perfil longitudinal río Oria para la avenida de 500 años



Perfil longitudinal regata Urbil para la avenida de 10 años



Perfil longitudinal regata Urbil para la avenida de 10 años



Perfil longitudinal regata Urbil para la avenida de 500 años

Se muestran a continuación los resultados del estado futuro para las avenidas de 10, 100 y 500 años, las secciones sombreadas corresponden a la situación de la urbanización A-110 ZAPATEGI:

T10 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
RegataUrbil	545.7	T10	2.50	19.55	1.09	0.43	19.61	0.53
RegataUrbil	541.8		Bridge					
RegataUrbil	505.706	T10	2.50	18.98	1.65	0.28	19.11	1.00
RegataUrbil	458.679	T10	2.50	18.10	1.11	0.42	18.16	0.55
RegataUrbil	435.279	T10	2.50	17.69	1.76	0.32	17.85	1.00
RegataUrbil	415.79	T10	2.50	16.68	1.74	0.31	16.84	1.00
RegataUrbil	395.461	T10	2.50	15.41	1.71	0.30	15.56	1.00
RegataUrbil	375.242	T10	2.50	15.43	0.38	1.31	15.44	0.11
RegataUrbil	355.242	T10	2.50	15.43	0.31	1.57	15.43	0.08
RegataUrbil	348.28		Bridge					
RegataUrbil	337.683	T10	2.50	15.43	0.27	1.83	15.43	0.06
RegataUrbil	315.921	T10	2.50	15.42	0.24	2.04	15.43	0.05
ORIA-2	16563.3	T10	811.00	16.05	2.97	4.31	16.50	0.46
ORIA-2	16512.31	T10	811.00	15.94	3.04	4.42	16.41	0.46
ORIA-2	16460.81	T10	811.00	15.86	2.95	4.47	16.31	0.45
ORIA-2	16411.62	T10	811.00	15.70	3.17	4.23	16.21	0.49
ORIA-2	16349.22	T10	811.00	15.28	3.76	4.04	16.00	0.58
ORIA-2	16347.99		Bridge					
ORIA-2	16346.3	T10	811.00	15.28	3.72	4.05	15.98	0.59
ORIA-2	16320.97	T10	811.00	15.35	2.90	3.42	15.78	0.50
ORIA-2	16274.54	T10	811.00	15.42	2.14	3.37	15.66	0.35
ORIA-2	16224.48	T10	811.00	15.29	2.45	3.57	15.59	0.40
ORIA-2	16163.02	T10	811.00	15.23	2.31	3.51	15.50	0.39
ORIA-2	16134.34	T10	811.00	15.18	2.36	2.24	15.46	0.50
ORIA-2REGATA	16083.65	T10	811.00	15.14	2.07	2.35	15.36	0.43
ORIA-2REGATA	16031.29	T10	811.00	15.09	2.01	2.82	15.30	0.38
ORIA-2REGATA	16000.81	T10	811.00	14.99	2.30	2.73	15.26	0.43
ORIA-2REGATA	15960.27	T10	811.00	14.96	2.23	3.11	15.22	0.39
ORIA-2REGATA	15925.95	T10	811.00	14.91	2.31	3.08	15.18	0.41
ORIA-2REGATA	15896.56	T10	811.00	14.92	2.11	3.77	15.14	0.35
ORIA-2REGATA	15863.9	T10	811.00	14.91	2.01	3.32	15.11	0.32
ORIA-2REGATA	15832.96	T10	811.00	14.92	1.83	2.63	15.08	0.27
ORIA-2REGATA	15798.94	T10	811.00	14.90	1.82	2.52	15.07	0.27
ORIA-2REGATA	15773	T10	811.00	14.90	1.69	2.59	15.05	0.24
ORIA-2REGATA	15744.06	T10	811.00	14.89	1.71	3.05	15.03	0.23
ORIA-2REGATA	15723.44	T10	811.00	14.84	1.89	3.64	15.02	0.25
ORIA-2REGATA	15698.95	T10	811.00	14.78	2.12	4.17	15.01	0.28
ORIA-2REGATA	15670.31	T10	811.00	14.78	2.10	3.41	14.99	0.28

T10 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	15629.25	T10	811.00	14.72	2.22	2.70	14.96	0.29
ORIA-2REGATA	15581.08	T10	811.00	14.68	2.27	3.24	14.94	0.30
ORIA-2REGATA	15541.86	T10	811.00	14.42	2.95	3.27	14.86	0.37
ORIA-2REGATA	15535.32		Mult Open					
ORIA-2REGATA	15535.16	T10	811.00	14.00	3.17	3.13	14.51	0.41
ORIA-2REGATA	15499.05	T10	811.00	14.05	2.61	2.61	14.39	0.37
ORIA-2REGATA	15459.37	T10	811.00	13.90	2.95	2.90	14.34	0.41
ORIA-2REGATA	15421.29	T10	811.00	13.82	3.06	2.33	14.29	0.42
ORIA-2REGATA	15379.77	T10	811.00	13.70	3.27	2.43	14.23	0.47
ORIA-2REGATA	15325.62	T10	811.00	13.60	3.28	2.01	14.14	0.49
ORIA-2REGATA	15284.57	T10	811.00	13.61	2.96	3.05	14.05	0.43
ORIA-2REGATA	15225.7	T10	811.00	13.57	2.79	2.88	13.96	0.41
ORIA-2REGATA	15173.95	T10	811.00	13.52	2.70	2.69	13.90	0.40
ORIA-2REGATA	15127	T10	811.00	13.48	2.66	3.02	13.84	0.40
ORIA-2REGATA	15072.87	T10	811.00	13.41	2.73	2.66	13.78	0.39
ORIA-2REGATA	15021.28	T10	811.00	13.33	2.82	2.33	13.72	0.39
ORIA-2REGATA	14970.36	T10	811.00	13.29	2.77	2.47	13.66	0.38
ORIA-2REGATA	14922	T10	811.00	13.26	2.68	2.64	13.61	0.37
ORIA-2REGATA	14873.26	T10	811.00	13.20	2.74	2.53	13.56	0.38
ORIA-2REGATA	14823.96	T10	811.00	13.19	2.60	2.77	13.50	0.36
ORIA-2REGATA	14773.64	T10	811.00	13.10	2.72	2.15	13.45	0.38
ORIA-2REGATA	14723.51	T10	811.00	13.02	2.80	1.88	13.40	0.40
ORIA-2REGATA	14655.7	T10	811.00	12.93	2.82	1.63	13.32	0.42
ORIA-2REGATA	14605.55	T10	811.00	12.91	2.72	1.70	13.24	0.40
ORIA-2REGATA	14554.89	T10	811.00	12.96	2.09	2.25	13.16	0.31
ORIA-2REGATA	14500.36	T10	811.00	13.00	1.46	2.38	13.11	0.22
ORIA-2REGATA	14449.37	T10	811.00	12.94	1.81	2.46	13.08	0.27
ORIA-2REGATA	14399.3	T10	811.00	12.90	2.00	2.29	13.05	0.30
ORIA-2REGATA	14349.13	T10	811.00	12.91	1.48	2.47	13.01	0.26
ORIA-2REGATA	14328.2	T10	811.00	12.89	1.54	2.44	13.00	0.27
ORIA-2REGATA	14248.94	T10	811.00	12.80	1.83	1.82	12.94	0.33
ORIA-2REGATA	14171.25	T10	811.00	12.77	1.67	1.90	12.88	0.30
ORIA-2REGATA	14107.97	T10	811.00	12.69	1.88	2.19	12.84	0.31
ORIA-2REGATA	14074.51	T10	811.00	12.63	2.03	2.24	12.81	0.34
ORIA-2REGATA	14013.92	T10	811.00	12.12	3.39	1.71	12.69	0.55
ORIA-2REGATA	13965.17	T10	811.00	12.06	3.27	1.65	12.57	0.53
ORIA-2REGATA	13910.59	T10	811.00	11.89	3.41	1.78	12.45	0.54
ORIA-2REGATA	13858.97	T10	811.00	11.84	3.19	1.69	12.33	0.50
ORIA-2REGATA	13796.84	T10	811.00	11.72	3.24	1.67	12.21	0.52
ORIA-2REGATA	13740.79	T10	811.00	11.29	3.92	1.10	12.04	0.66
ORIA-2REGATA	13697.46	T10	811.00	11.18	3.80	1.13	11.89	0.66

T10 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	13637.55	T10	811.00	10.81	4.25	1.26	11.65	0.74
ORIA-2REGATA	13579.41	T10	811.00	10.15	4.15	1.46	10.97	0.87
ORIA-2REGATA	13576.5		Inl Struct					
ORIA-2REGATA	13545.21	T10	811.00	10.67	2.15	1.63	10.89	0.31
ORIA-2REGATA	13506.84	T10	811.00	10.67	2.02	1.51	10.85	0.30
ORIA-2REGATA	13440.63	T10	811.00	10.55	2.35	1.46	10.80	0.34
ORIA-2REGATA	13396.47	T10	811.00	10.46	2.59	1.45	10.75	0.37
ORIA-2REGATA	13325.25	T10	811.00	10.30	2.87	1.37	10.67	0.42
ORIA-2REGATA	13287.46	T10	811.00	10.28	2.76	1.57	10.62	0.40
ORIA-2REGATA	13242.87	T10	811.00	10.24	2.69	1.74	10.57	0.39
ORIA-2REGATA	13191.41	T10	811.00	10.02	3.08	2.25	10.49	0.44
ORIA-2REGATA	13137.97	T10	811.00	9.84	3.31	3.13	10.40	0.50
ORIA-2REGATA	13080.05	T10	811.00	9.73	3.31	2.72	10.29	0.52
ORIA-2REGATA	13026.78	T10	811.00	9.67	3.20	2.68	10.19	0.47
ORIA-2REGATA	12981.51	T10	811.00	9.62	3.12	5.31	10.11	0.43
ORIA-2REGATA	12977.95		Bridge					
ORIA-2REGATA	12975.23	T10	811.00	9.15	3.34	4.89	9.72	0.48
ORIA-2REGATA	12943.5	T10	811.00	9.16	3.00	4.00	9.61	0.47
ORIA-2REGATA	12908.45	T10	811.00	9.10	2.98	4.08	9.56	0.47
ORIA-2REGATA	12862.23	T10	811.00	9.08	2.77	4.67	9.47	0.41
ORIA-2REGATA	12829.24	T10	811.00	9.03	2.79	4.71	9.43	0.41
ORIA-2REGATA	12796.69	T10	811.00	9.09	2.31	4.89	9.36	0.33
ORIA-2REGATA	12726.5	T10	811.00	9.12	1.81	4.54	9.29	0.27
ORIA-2REGATA	12683.51	T10	811.00	9.08	1.88	5.92	9.26	0.25
ORIA-2REGATA	12680		Bridge					
ORIA-2REGATA	12676.4	T10	811.00	9.03	1.89	5.87	9.21	0.25
ORIA-2REGATA	12637.89	T10	811.00	8.95	2.09	4.65	9.18	0.30
ORIA-2REGATA	12595.5	T10	811.00	8.73	2.76	4.19	9.12	0.41
ORIA-2REGATA	12546.51	T10	811.00	8.75	2.39	4.34	9.04	0.36
ORIA-2REGATA	12498.8	T10	811.00	8.71	2.41	4.99	9.00	0.33
ORIA-2REGATA	12462.68	T10	811.00	8.64	2.53	5.25	8.97	0.35
ORIA-2REGATA	12412.34	T10	811.00	8.62	2.45	5.29	8.92	0.34
ORIA-2REGATA	12362.3	T10	811.00	8.59	2.36	4.77	8.87	0.35
ORIA-2REGATA	12320.09	T10	811.00	8.49	2.59	5.30	8.83	0.36
ORIA-2REGATA	12269.8	T10	811.00	8.48	2.40	5.31	8.77	0.33
ORIA-2REGATA	12214.37	T10	811.00	8.44	2.42	4.76	8.73	0.33
ORIA-2REGATA	12156.64	T10	811.00	8.38	2.43	4.97	8.68	0.35
ORIA-2REGATA	12101.79	T10	811.00	8.34	2.41	4.76	8.64	0.33
ORIA-2REGATA	12046.41	T10	811.00	8.14	2.90	5.35	8.57	0.40
ORIA-2REGATA	12006.09	T10	811.00	8.17	2.58	4.56	8.50	0.37
ORIA-2REGATA	11956.06	T10	811.00	8.15	2.46	4.62	8.45	0.31
ORIA-2REGATA	11905.86	T10	811.00	8.14	2.37	4.26	8.42	0.29

T10 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	11864.21	T10	811.00	8.13	2.27	3.86	8.39	0.28
ORIA-2REGATA	11729.66	T10	811.00	8.10	2.10	2.67	8.31	0.26
ORIA-2REGATA	11601.53	T10	811.00	7.84	2.82	2.52	8.22	0.36
ORIA-2REGATA	11446.61	T10	825.00	7.73	2.64	2.49	8.06	0.37
ORIA-2REGATA	11322.82	T10	825.00	7.64	2.56	2.83	7.95	0.34
ORIA-2REGATA	11211.57	T10	825.00	7.53	2.67	2.60	7.86	0.35
ORIA-2REGATA	11039.79	T10	825.00	6.81	4.00	1.95	7.60	0.54
ORIA-2REGATA	10914.69	T10	825.00	6.63	3.69	1.83	7.31	0.52
ORIA-2REGATA	10742.68	T10	825.00	6.53	2.99	2.42	6.97	0.42
ORIA-2REGATA	10619.16	T10	825.00	6.69	1.51	3.73	6.80	0.21
ORIA-2REGATA	10513.57	T10	825.00	6.63	1.62	3.41	6.76	0.25
ORIA-2REGATA	10362.58	T10	825.00	6.57	1.67	3.72	6.71	0.23
ORIA-2REGATA	10261.68	T10	825.00	6.51	1.88	3.41	6.67	0.24
ORIA-2REGATA	10168.2	T10	825.00	6.48	1.88	3.56	6.64	0.23
ORIA-2REGATA	10120.72	T10	825.00	6.36	2.40	3.07	6.61	0.32
ORIA-2REGATA	10084.2	T10	825.00	6.33	2.36	3.70	6.59	0.32
ORIA-2REGATA	10052.3	T10	825.00	6.33	2.22	4.15	6.57	0.29
ORIA-2REGATA	10048.87		Bridge					
ORIA-2REGATA	10046.04	T10	825.00	6.06	2.05	4.44	6.28	0.31
ORIA-2REGATA	10005.62	T10	825.00	5.96	2.37	3.38	6.23	0.33
ORIA-2REGATA	9952.628	T10	825.00	5.97	2.09	3.19	6.19	0.29
ORIA-2REGATA	9843.386	T10	825.00	5.88	2.21	2.59	6.13	0.30
ORIA-2REGATA	9748.673	T10	825.00	5.82	2.28	2.33	6.07	0.30
ORIA-2REGATA	9660.88	T10	825.00	5.76	2.34	2.00	6.03	0.31
ORIA-2REGATA	9541.047	T10	825.00	5.75	1.98	1.70	5.95	0.27
ORIA-2REGATA	9379.213	T10	825.00	5.69	2.01	1.71	5.88	0.26
ORIA-2REGATA	9304.015	T10	825.00	5.62	2.14	1.56	5.84	0.28
ORIA-2REGATA	9180.456	T10	825.00	5.50	2.42	1.48	5.78	0.30
ORIA-2REGATA	9082.134	T10	825.00	5.47	2.24	1.61	5.71	0.31
ORIA-2REGATA	9037.875	T10	825.00	5.39	2.44	1.76	5.68	0.34
ORIA-2REGATA	8965.871	T10	825.00	5.40	2.08	2.38	5.61	0.28
ORIA-2REGATA	8924.898	T10	825.00	5.42	1.84	2.69	5.58	0.24
ORIA-2REGATA	8858.508	T10	825.00	5.38	1.89	2.39	5.56	0.26
ORIA-2REGATA	8808.497	T10	825.00	5.36	1.89	2.22	5.54	0.27
ORIA-2REGATA	8757.154	T10	825.00	5.32	1.94	2.08	5.51	0.28
ORIA-2REGATA	8705.003	T10	825.00	5.32	1.81	2.14	5.48	0.26
ORIA-2REGATA	8654.991	T10	825.00	5.24	2.04	2.29	5.45	0.29
ORIA-2REGATA	8604.684	T10	825.00	5.28	1.56	2.79	5.41	0.23
ORIA-2REGATA	8540.668	T10	825.00	5.26	1.55	2.17	5.38	0.24
ORIA-2REGATA	8487.078	T10	825.00	5.21	1.79	2.40	5.36	0.26
ORIA-2REGATA	8424.546	T10	825.00	5.14	1.98	2.52	5.33	0.27
ORIA-2REGATA	8374.402	T10	825.00	5.11	2.07	2.24	5.31	0.28

T10 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	8323.97	T10	825.00	5.09	2.07	1.98	5.28	0.27
ORIA-2REGATA	8273.31	T10	825.00	5.08	1.98	2.07	5.26	0.26
ORIA-2REGATA	8222.697	T10	825.00	5.07	1.85	2.06	5.23	0.25
ORIA-2REGATA	8172.645	T10	825.00	5.05	1.87	2.27	5.21	0.25
ORIA-2REGATA	8101.262	T10	825.00	4.98	2.04	2.62	5.18	0.26
ORIA-2REGATA	8063.975	T10	825.00	4.91	2.27	2.27	5.16	0.30
ORIA-2REGATA	8008.937	T10	825.00	4.83	2.46	1.90	5.13	0.31
ORIA-2REGATA	7952.676	T10	825.00	4.86	2.08	2.22	5.07	0.29
ORIA-2REGATA	7903.64	T10	825.00	4.87	1.86	2.37	5.04	0.26
ORIA-2REGATA	7847.759	T10	825.00	4.88	1.56	2.88	5.00	0.22
ORIA-2REGATA	7801.729	T10	825.00	4.87	1.52	2.57	4.99	0.22
ORIA-2REGATA	7741.837	T10	825.00	4.86	1.51	2.43	4.97	0.21
ORIA-2REGATA	7673.066	T10	825.00	4.73	2.07	2.02	4.94	0.26
ORIA-2REGATA	7612.982	T10	825.00	4.67	2.21	1.97	4.91	0.29
ORIA-2REGATA	7489.045	T10	825.00	4.65	1.90	2.26	4.83	0.28
ORIA-2REGATA	7379.956	T10	825.00	4.53	2.24	2.07	4.77	0.30
ORIA-2REGATA	7284.814	T10	825.00	4.51	2.09	2.38	4.71	0.28
ORIA-2REGATA	7169.117	T10	825.00	4.48	1.90	2.87	4.66	0.25
ORIA-2REGATA	7053.36	T10	825.00	4.37	2.19	2.75	4.60	0.28
ORIA-2REGATA	6948.222	T10	825.00	4.31	2.31	2.79	4.55	0.29
ORIA-2REGATA	6860.338	T10	825.00	4.28	2.17	2.87	4.50	0.27
ORIA-2REGATA	6746.67	T10	825.00	4.25	2.01	2.61	4.45	0.26
ORIA-2REGATA	6662.602	T10	825.00	4.23	1.99	2.69	4.41	0.26
ORIA-2REGATA	6535.042	T10	825.00	4.21	1.73	3.34	4.36	0.22
ORIA-2REGATA	6431.793	T10	825.00	4.11	2.04	2.76	4.31	0.27
ORIA-2REGATA	6304.601	T10	825.00	4.07	1.91	1.97	4.25	0.27
ORIA-2REGATA	6189.018	T10	825.00	4.05	1.75	2.41	4.20	0.25
ORIA-2REGATA	6080.5	T10	825.00	3.96	1.98	2.13	4.15	0.27
ORIA-2REGATA	6008.231	T10	825.00	3.94	1.95	2.21	4.11	0.26
ORIA-2REGATA	5871.649	T10	825.00	3.88	1.93	2.43	4.06	0.26
ORIA-2REGATA	5790.657	T10	825.00	3.84	1.95	2.68	4.02	0.27
ORIA-2REGATA	5682.44	T10	825.00	3.81	1.87	2.42	3.97	0.26
ORIA-2REGATA	5556.492	T10	825.00	3.80	1.62	2.09	3.92	0.23
ORIA-2REGATA	5401.598	T10	825.00	3.69	1.91	1.95	3.86	0.25
ORIA-2REGATA	5280.797	T10	825.00	3.65	1.83	2.00	3.81	0.24
ORIA-2REGATA	5179.899	T10	825.00	3.63	1.75	2.07	3.77	0.24
ORIA-2REGATA	5053.822	T10	825.00	3.62	1.52	2.58	3.72	0.21
ORIA-2REGATA	4895.147	T10	825.00	3.60	1.42	2.47	3.67	0.20
ORIA-2REGATA	4805.383	T10	825.00	3.56	1.48	2.63	3.65	0.20
ORIA-2REGATA	4733.88	T10	825.00	3.56	1.31	2.92	3.63	0.18
ORIA-2REGATA	4583.286	T10	825.00	3.52	1.32	3.00	3.60	0.19
ORIA-2REGATA	4507.483	T10	825.00	3.50	1.34	2.61	3.58	0.19

T10 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	4356.233	T10	825.00	3.46	1.32	2.52	3.54	0.19
ORIA-2REGATA	4259.779	T10	825.00	3.43	1.39	2.38	3.52	0.21
ORIA-2REGATA	4158.449	T10	825.00	3.40	1.42	2.54	3.50	0.18
ORIA-2REGATA	3974.194	T10	825.00	3.37	1.30	3.22	3.45	0.20
ORIA-2REGATA	3886.724	T10	825.00	3.33	1.41	4.25	3.43	0.22
ORIA-2REGATA	3808.914	T10	825.00	3.30	1.43	4.36	3.40	0.22
ORIA-2REGATA	3658.406	T10	825.00	3.30	1.13	3.18	3.36	0.17
ORIA-2REGATA	3566.72	T10	825.00	3.29	1.10	3.30	3.34	0.16
ORIA-2REGATA	3442.677	T10	825.00	3.27	1.11	3.26	3.32	0.16
ORIA-2REGATA	3337.678	T10	825.00	3.26	0.98	3.37	3.30	0.15
ORIA-2REGATA	3270.399	T10	825.00	3.24	1.02	3.45	3.29	0.16
ORIA-2REGATA	3154.791	T10	825.00	3.23	0.91	3.23	3.27	0.14
ORIA-2REGATA	3051.658	T10	825.00	3.23	0.83	2.76	3.26	0.13
ORIA-2REGATA	2911.274	T10	825.00	3.20	0.98	2.78	3.24	0.15
ORIA-2REGATA	2822.969	T10	825.00	3.20	0.90	2.96	3.23	0.13
ORIA-2REGATA	2720.568	T10	825.00	3.19	0.75	3.31	3.22	0.11
ORIA-2REGATA	2634.605	T10	825.00	3.18	0.88	2.86	3.21	0.13
ORIA-2REGATA	2544.922	T10	825.00	3.16	0.96	2.69	3.20	0.14
ORIA-2REGATA	2427.927	T10	825.00	3.14	0.90	2.71	3.18	0.13
ORIA-2REGATA	2339.462	T10	825.00	3.13	0.92	3.47	3.17	0.14
ORIA-2REGATA	2269.4	T10	825.00	3.12	0.88	4.44	3.16	0.13
ORIA-2REGATA	2161.252	T10	825.00	3.10	0.97	5.16	3.15	0.14
ORIA-2REGATA	2119.406	T10	825.00	3.09	1.03	4.95	3.14	0.15
ORIA-2REGATA	2058.987	T10	825.00	3.08	1.08	4.80	3.14	0.16
ORIA-2REGATA	2033.004	T10	825.00	3.07	1.12	4.79	3.13	0.16
ORIA-2REGATA	1983.467	T10	825.00	3.05	1.19	4.46	3.12	0.17
ORIA-2REGATA	1935.376	T10	825.00	3.04	1.22	4.80	3.11	0.18
ORIA-2REGATA	1884.235	T10	825.00	3.03	1.21	4.72	3.10	0.18
ORIA-2REGATA	1831.032	T10	825.00	3.02	1.22	4.72	3.09	0.18
ORIA-2REGATA	1779.842	T10	825.00	3.01	1.18	3.57	3.08	0.17
ORIA-2REGATA	1730.022	T10	825.00	3.01	1.03	3.61	3.07	0.15
ORIA-2REGATA	1661.702	T10	825.00	3.01	0.91	3.63	3.05	0.14
ORIA-2REGATA	1578.735	T10	825.00	2.99	1.03	4.44	3.04	0.16
ORIA-2REGATA	1553.596	T10	825.00	2.97	1.16	3.82	3.04	0.17
ORIA-2REGATA	1514.229	T10	825.00	2.95	1.25	4.44	3.03	0.18
ORIA-2REGATA	1477.101	T10	825.00	2.96	1.04	5.57	3.01	0.14
ORIA-2REGATA	1471.015		Bridge					
ORIA-2REGATA	1465.333	T10	825.00	2.96	1.01	6.47	3.01	0.12
ORIA-2REGATA	1434.906	T10	825.00	2.97	0.78	9.77	3.00	0.08
ORIA-2REGATA	1387.195	T10	825.00	2.93	1.11	7.82	2.99	0.13
ORIA-2REGATA	1348.897	T10	825.00	2.91	1.22	6.97	2.99	0.15
ORIA-2REGATA	1286.482	T10	825.00	2.90	1.28	7.36	2.98	0.15

T10 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	1241.408	T10	825.00	2.90	1.14	6.98	2.97	0.14
ORIA-2REGATA	1194.451	T10	825.00	2.91	0.93	6.07	2.96	0.12
ORIA-2REGATA	1156.984	T10	825.00	2.92	0.79	5.88	2.95	0.10
ORIA-2REGATA	1133.869	T10	825.00	2.92	0.71	5.85	2.95	0.09
ORIA-1	1037.507	T10	857.00	2.92	0.79	4.63	2.95	0.11
ORIA-1	986.9419	T10	857.00	2.90	0.91	4.91	2.94	0.13
ORIA-1	935.5785	T10	857.00	2.88	1.02	5.16	2.94	0.14
ORIA-1	886.6628	T10	857.00	2.87	1.11	5.28	2.93	0.15
ORIA-1	831.8651	T10	857.00	2.85	1.19	5.26	2.92	0.17
ORIA-1	790.4279	T10	857.00	2.85	1.12	5.02	2.91	0.16
ORIA-1	742.9493	T10	857.00	2.84	1.12	5.16	2.91	0.16
ORIA-1	704.7355	T10	857.00	2.83	1.21	5.24	2.90	0.17
ORIA-1	654.5527	T10	857.00	2.81	1.28	5.32	2.89	0.18
ORIA-1	605.1155	T10	857.00	2.81	1.22	5.16	2.88	0.17
ORIA-1	556.4642	T10	857.00	2.80	1.16	5.17	2.87	0.16
ORIA-1	513.2202	T10	857.00	2.80	1.13	5.08	2.87	0.16
ORIA-1	481.5066	T10	857.00	2.80	1.07	4.99	2.86	0.15
ORIA-1	416.8413	T10	857.00	2.80	0.93	4.86	2.85	0.14
ORIA-1	366.8122	T10	857.00	2.80	0.89	4.78	2.84	0.13
ORIA-1	316.8093	T10	857.00	2.80	0.87	4.70	2.84	0.13
ORIA-1	266.78	T10	857.00	2.79	0.89	4.74	2.83	0.13
ORIA-1	216.6627	T10	857.00	2.79	0.92	4.88	2.83	0.13
ORIA-1	184.1351	T10	857.00	2.79	0.79	5.74	2.82	0.11
ORIA-1	146.8827	T10	857.00	2.79	0.73	5.77	2.82	0.10
ORIA-1	93.1843	T10	857.00	2.76	1.02	5.54	2.81	0.14

T100 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
RegataUrbil	545.7	T100	6.50	19.87	1.64	0.75	20.01	0.61
RegataUrbil	541.8		Bridge					
RegataUrbil	505.706	T100	6.50	19.22	2.26	0.52	19.48	1.00
RegataUrbil	458.679	T100	6.50	18.46	1.54	0.78	18.58	0.56
RegataUrbil	435.279	T100	6.50	17.97	2.42	0.60	18.27	1.00
RegataUrbil	415.79	T100	6.50	16.96	2.39	0.58	17.25	1.00
RegataUrbil	395.461	T100	6.50	16.42	1.01	1.31	16.47	0.28
RegataUrbil	375.242	T100	6.50	16.43	0.56	2.30	16.44	0.12
RegataUrbil	355.242	T100	6.50	16.43	0.49	2.55	16.44	0.10
RegataUrbil	348.28		Bridge					
RegataUrbil	337.683	T100	6.50	16.42	0.46	2.81	16.43	0.09
RegataUrbil	315.921	T100	6.50	16.42	0.41	3.02	16.43	0.08
ORIA-2	16563.3	T100	1132.00	17.11	3.19	2.44	17.61	0.45
ORIA-2	16512.31	T100	1132.00	16.98	3.30	2.65	17.52	0.46
ORIA-2	16460.81	T100	1132.00	16.89	3.29	2.88	17.44	0.45
ORIA-2	16411.62	T100	1132.00	16.72	3.50	2.95	17.34	0.50
ORIA-2	16349.22	T100	1132.00	16.13	4.35	3.78	17.09	0.62
ORIA-2	16347.99		Bridge					
ORIA-2	16346.3	T100	1132.00	16.13	4.30	3.95	17.07	0.62
ORIA-2	16320.97	T100	1132.00	16.29	3.16	3.05	16.79	0.48
ORIA-2	16274.54	T100	1132.00	16.39	2.33	3.57	16.66	0.35
ORIA-2	16224.48	T100	1132.00	16.24	2.66	2.99	16.60	0.44
ORIA-2	16163.02	T100	1132.00	16.23	2.35	2.29	16.50	0.43
ORIA-2	16134.34	T100	1132.00	16.24	2.02	2.28	16.45	0.42
ORIA-2REGATA	16083.65	T100	1132.00	16.21	1.84	2.62	16.38	0.35
ORIA-2REGATA	16031.29	T100	1132.00	16.16	1.82	2.65	16.33	0.36
ORIA-2REGATA	16000.81	T100	1132.00	16.10	1.98	2.44	16.30	0.40
ORIA-2REGATA	15960.27	T100	1132.00	16.07	1.98	2.44	16.27	0.39
ORIA-2REGATA	15925.95	T100	1132.00	16.03	2.05	2.47	16.24	0.40
ORIA-2REGATA	15896.56	T100	1132.00	16.01	1.99	2.65	16.21	0.37
ORIA-2REGATA	15863.9	T100	1132.00	16.00	1.94	2.54	16.19	0.34
ORIA-2REGATA	15832.96	T100	1132.00	16.01	1.85	2.70	16.17	0.29
ORIA-2REGATA	15798.94	T100	1132.00	15.99	1.86	2.81	16.15	0.27
ORIA-2REGATA	15773	T100	1132.00	15.99	1.77	3.11	16.14	0.23
ORIA-2REGATA	15744.06	T100	1132.00	15.96	1.87	3.24	16.12	0.23
ORIA-2REGATA	15723.44	T100	1132.00	15.89	2.15	3.15	16.11	0.26
ORIA-2REGATA	15698.95	T100	1132.00	15.79	2.48	3.41	16.09	0.30
ORIA-2REGATA	15670.31	T100	1132.00	15.80	2.38	3.61	16.07	0.29
ORIA-2REGATA	15629.25	T100	1132.00	15.73	2.54	3.04	16.04	0.31
ORIA-2REGATA	15581.08	T100	1132.00	15.71	2.53	2.77	16.00	0.30

T100 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	15541.86	T100	1132.00	15.33	3.44	2.83	15.90	0.40
ORIA-2REGATA	15535.32		Mult Open					
ORIA-2REGATA	15535.16	T100	1132.00	14.74	3.83	3.01	15.46	0.46
ORIA-2REGATA	15499.05	T100	1132.00	14.84	2.98	2.71	15.27	0.39
ORIA-2REGATA	15459.37	T100	1132.00	14.62	3.47	2.46	15.21	0.45
ORIA-2REGATA	15421.29	T100	1132.00	14.47	3.70	2.27	15.14	0.48
ORIA-2REGATA	15379.77	T100	1132.00	14.40	3.77	2.34	15.07	0.51
ORIA-2REGATA	15325.62	T100	1132.00	14.29	3.78	2.34	14.97	0.52
ORIA-2REGATA	15284.57	T100	1132.00	14.27	3.51	2.53	14.88	0.48
ORIA-2REGATA	15225.7	T100	1132.00	14.22	3.33	2.86	14.77	0.46
ORIA-2REGATA	15173.95	T100	1132.00	14.18	3.22	2.91	14.69	0.45
ORIA-2REGATA	15127	T100	1132.00	14.12	3.19	2.90	14.63	0.45
ORIA-2REGATA	15072.87	T100	1132.00	14.05	3.24	2.57	14.55	0.44
ORIA-2REGATA	15021.28	T100	1132.00	13.96	3.33	2.52	14.49	0.44
ORIA-2REGATA	14970.36	T100	1132.00	13.93	3.24	2.43	14.41	0.42
ORIA-2REGATA	14922	T100	1132.00	13.88	3.20	2.83	14.35	0.42
ORIA-2REGATA	14873.26	T100	1132.00	13.79	3.31	2.46	14.29	0.43
ORIA-2REGATA	14823.96	T100	1132.00	13.77	3.16	2.74	14.22	0.41
ORIA-2REGATA	14773.64	T100	1132.00	13.72	3.13	2.25	14.16	0.42
ORIA-2REGATA	14723.51	T100	1132.00	13.67	3.12	2.17	14.10	0.42
ORIA-2REGATA	14655.7	T100	1132.00	13.59	3.10	2.18	14.01	0.43
ORIA-2REGATA	14605.55	T100	1132.00	13.58	2.94	2.14	13.94	0.40
ORIA-2REGATA	14554.89	T100	1132.00	13.60	2.42	2.80	13.87	0.33
ORIA-2REGATA	14500.36	T100	1132.00	13.66	1.70	2.80	13.80	0.24
ORIA-2REGATA	14449.37	T100	1132.00	13.60	2.06	2.98	13.77	0.28
ORIA-2REGATA	14399.3	T100	1132.00	13.57	2.21	2.88	13.74	0.31
ORIA-2REGATA	14349.13	T100	1132.00	13.58	1.62	3.00	13.70	0.26
ORIA-2REGATA	14328.2	T100	1132.00	13.57	1.67	2.98	13.68	0.27
ORIA-2REGATA	14248.94	T100	1132.00	13.50	1.86	2.38	13.63	0.30
ORIA-2REGATA	14171.25	T100	1132.00	13.47	1.71	2.27	13.58	0.28
ORIA-2REGATA	14107.97	T100	1132.00	13.38	2.02	2.60	13.54	0.31
ORIA-2REGATA	14074.51	T100	1132.00	13.30	2.23	2.55	13.51	0.34
ORIA-2REGATA	14013.92	T100	1132.00	12.67	3.89	1.98	13.38	0.59
ORIA-2REGATA	13965.17	T100	1132.00	12.65	3.62	2.05	13.23	0.54
ORIA-2REGATA	13910.59	T100	1132.00	12.32	4.08	2.05	13.09	0.61
ORIA-2REGATA	13858.97	T100	1132.00	12.30	3.73	2.00	12.92	0.56
ORIA-2REGATA	13796.84	T100	1132.00	12.12	3.85	1.91	12.77	0.58
ORIA-2REGATA	13740.79	T100	1132.00	11.90	4.08	1.59	12.62	0.63
ORIA-2REGATA	13697.46	T100	1132.00	11.80	3.98	1.62	12.49	0.64
ORIA-2REGATA	13637.55	T100	1132.00	11.81	3.52	1.80	12.27	0.54
ORIA-2REGATA	13579.41	T100	1132.00	11.92	2.21	2.17	12.11	0.38

T100 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	13576.5		Inl Struct					
ORIA-2REGATA	13545.21	T100	1132.00	11.95	1.86	2.70	12.08	0.24
ORIA-2REGATA	13506.84	T100	1132.00	11.95	1.69	2.76	12.06	0.22
ORIA-2REGATA	13440.63	T100	1132.00	11.91	1.91	2.71	12.03	0.24
ORIA-2REGATA	13396.47	T100	1132.00	11.88	2.00	2.76	12.02	0.25
ORIA-2REGATA	13325.25	T100	1132.00	11.84	2.10	2.85	11.99	0.26
ORIA-2REGATA	13287.46	T100	1132.00	11.82	2.10	3.05	11.97	0.27
ORIA-2REGATA	13242.87	T100	1132.00	11.78	2.15	3.23	11.95	0.27
ORIA-2REGATA	13191.41	T100	1132.00	11.52	2.91	3.62	11.89	0.36
ORIA-2REGATA	13137.97	T100	1132.00	11.31	3.27	4.11	11.83	0.43
ORIA-2REGATA	13080.05	T100	1132.00	11.29	3.08	3.54	11.74	0.41
ORIA-2REGATA	13026.78	T100	1132.00	11.21	3.14	4.02	11.68	0.40
ORIA-2REGATA	12981.51	T100	1132.00	11.17	3.14	2.56	11.64	0.38
ORIA-2REGATA	12977.95		Bridge					
ORIA-2REGATA	12975.23	T100	1132.00	10.22	3.83	2.11	10.97	0.50
ORIA-2REGATA	12943.5	T100	1132.00	10.27	3.27	3.67	10.82	0.46
ORIA-2REGATA	12908.45	T100	1132.00	10.23	3.24	4.09	10.76	0.46
ORIA-2REGATA	12862.23	T100	1132.00	10.21	3.08	3.08	10.69	0.42
ORIA-2REGATA	12829.24	T100	1132.00	10.14	3.14	4.14	10.65	0.42
ORIA-2REGATA	12796.69	T100	1132.00	10.22	2.61	4.91	10.57	0.34
ORIA-2REGATA	12726.5	T100	1132.00	10.28	1.99	3.92	10.48	0.27
ORIA-2REGATA	12683.51	T100	1132.00	10.20	2.20	6.86	10.45	0.27
ORIA-2REGATA	12680		Bridge					
ORIA-2REGATA	12676.4	T100	1132.00	10.10	2.22	6.95	10.36	0.27
ORIA-2REGATA	12637.89	T100	1132.00	10.04	2.36	4.80	10.33	0.31
ORIA-2REGATA	12595.5	T100	1132.00	9.78	3.11	3.93	10.27	0.42
ORIA-2REGATA	12546.51	T100	1132.00	9.82	2.68	4.38	10.18	0.36
ORIA-2REGATA	12498.8	T100	1132.00	9.74	2.81	5.34	10.14	0.36
ORIA-2REGATA	12462.68	T100	1132.00	9.66	2.94	5.90	10.10	0.39
ORIA-2REGATA	12412.34	T100	1132.00	9.63	2.84	5.75	10.05	0.38
ORIA-2REGATA	12362.3	T100	1132.00	9.62	2.67	5.14	9.98	0.38
ORIA-2REGATA	12320.09	T100	1132.00	9.46	3.04	5.84	9.93	0.40
ORIA-2REGATA	12269.8	T100	1132.00	9.45	2.81	5.27	9.86	0.37
ORIA-2REGATA	12214.37	T100	1132.00	9.40	2.82	4.09	9.81	0.37
ORIA-2REGATA	12156.64	T100	1132.00	9.34	2.83	4.61	9.75	0.38
ORIA-2REGATA	12101.79	T100	1132.00	9.29	2.83	4.22	9.70	0.37
ORIA-2REGATA	12046.41	T100	1132.00	9.00	3.49	5.03	9.62	0.45
ORIA-2REGATA	12006.09	T100	1132.00	9.05	3.04	4.52	9.52	0.40
ORIA-2REGATA	11956.06	T100	1132.00	9.02	2.99	5.23	9.47	0.35
ORIA-2REGATA	11905.86	T100	1132.00	9.01	2.86	4.64	9.42	0.33
ORIA-2REGATA	11864.21	T100	1132.00	9.03	2.70	4.62	9.37	0.31
ORIA-2REGATA	11729.66	T100	1132.00	9.03	2.32	3.35	9.27	0.27

T100 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	11601.53	T100	1132.00	8.77	3.08	2.98	9.18	0.37
ORIA-2REGATA	11446.61	T100	1151.00	8.65	2.90	3.29	9.03	0.37
ORIA-2REGATA	11322.82	T100	1151.00	8.55	2.88	3.53	8.92	0.36
ORIA-2REGATA	11211.57	T100	1151.00	8.47	2.92	3.30	8.83	0.35
ORIA-2REGATA	11039.79	T100	1151.00	7.59	4.55	2.26	8.55	0.58
ORIA-2REGATA	10914.69	T100	1151.00	7.49	4.01	2.24	8.23	0.53
ORIA-2REGATA	10742.68	T100	1151.00	7.37	3.36	2.67	7.90	0.44
ORIA-2REGATA	10619.16	T100	1151.00	7.56	1.76	4.12	7.71	0.23
ORIA-2REGATA	10513.57	T100	1151.00	7.51	1.83	4.12	7.67	0.26
ORIA-2REGATA	10362.58	T100	1151.00	7.43	1.94	4.42	7.61	0.25
ORIA-2REGATA	10261.68	T100	1151.00	7.36	2.17	4.20	7.57	0.26
ORIA-2REGATA	10168.2	T100	1151.00	7.34	2.16	4.11	7.53	0.25
ORIA-2REGATA	10120.72	T100	1151.00	7.20	2.70	3.50	7.50	0.33
ORIA-2REGATA	10084.2	T100	1151.00	7.14	2.75	4.51	7.48	0.35
ORIA-2REGATA	10052.3	T100	1151.00	7.12	2.64	4.95	7.45	0.33
ORIA-2REGATA	10048.87		Bridge					
ORIA-2REGATA	10046.04	T100	1151.00	6.87	2.42	5.17	7.17	0.34
ORIA-2REGATA	10005.62	T100	1151.00	6.74	2.79	4.17	7.11	0.36
ORIA-2REGATA	9952.628	T100	1151.00	6.76	2.48	3.52	7.06	0.32
ORIA-2REGATA	9843.386	T100	1151.00	6.66	2.60	2.85	6.99	0.33
ORIA-2REGATA	9748.673	T100	1151.00	6.60	2.64	2.34	6.93	0.33
ORIA-2REGATA	9660.88	T100	1151.00	6.57	2.59	2.10	6.87	0.32
ORIA-2REGATA	9541.047	T100	1151.00	6.57	2.16	2.23	6.78	0.27
ORIA-2REGATA	9379.213	T100	1151.00	6.52	2.16	2.47	6.71	0.26
ORIA-2REGATA	9304.015	T100	1151.00	6.46	2.28	2.31	6.68	0.28
ORIA-2REGATA	9180.456	T100	1151.00	6.35	2.54	2.26	6.62	0.30
ORIA-2REGATA	9082.134	T100	1151.00	6.32	2.35	2.29	6.56	0.30
ORIA-2REGATA	9037.875	T100	1151.00	6.22	2.63	2.53	6.53	0.34
ORIA-2REGATA	8965.871	T100	1151.00	6.22	2.33	3.03	6.47	0.30
ORIA-2REGATA	8924.898	T100	1151.00	6.23	2.12	3.30	6.44	0.26
ORIA-2REGATA	8858.508	T100	1151.00	6.19	2.15	2.98	6.41	0.27
ORIA-2REGATA	8808.497	T100	1151.00	6.17	2.13	2.78	6.39	0.28
ORIA-2REGATA	8757.154	T100	1151.00	6.14	2.18	2.63	6.36	0.29
ORIA-2REGATA	8705.003	T100	1151.00	6.13	2.03	2.81	6.33	0.28
ORIA-2REGATA	8654.991	T100	1151.00	6.05	2.29	2.73	6.30	0.31
ORIA-2REGATA	8604.684	T100	1151.00	6.09	1.81	3.37	6.25	0.24
ORIA-2REGATA	8540.668	T100	1151.00	6.08	1.74	2.68	6.23	0.24
ORIA-2REGATA	8487.078	T100	1151.00	6.02	2.00	3.05	6.20	0.27
ORIA-2REGATA	8424.546	T100	1151.00	5.94	2.26	2.87	6.17	0.29
ORIA-2REGATA	8374.402	T100	1151.00	5.92	2.30	2.63	6.14	0.29
ORIA-2REGATA	8323.97	T100	1151.00	5.91	2.22	2.42	6.11	0.28
ORIA-2REGATA	8273.31	T100	1151.00	5.90	2.17	2.41	6.09	0.27

T100 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	8222.697	T100	1151.00	5.89	2.03	2.59	6.07	0.25
ORIA-2REGATA	8172.645	T100	1151.00	5.85	2.10	2.92	6.05	0.26
ORIA-2REGATA	8101.262	T100	1151.00	5.74	2.39	2.75	6.01	0.29
ORIA-2REGATA	8063.975	T100	1151.00	5.68	2.60	2.82	5.99	0.32
ORIA-2REGATA	8008.937	T100	1151.00	5.59	2.83	2.41	5.95	0.34
ORIA-2REGATA	7952.676	T100	1151.00	5.62	2.37	2.91	5.88	0.31
ORIA-2REGATA	7903.64	T100	1151.00	5.64	2.11	3.01	5.84	0.28
ORIA-2REGATA	7847.759	T100	1151.00	5.65	1.81	3.51	5.80	0.24
ORIA-2REGATA	7801.729	T100	1151.00	5.64	1.75	2.79	5.79	0.23
ORIA-2REGATA	7741.837	T100	1151.00	5.63	1.72	2.64	5.76	0.22
ORIA-2REGATA	7673.066	T100	1151.00	5.48	2.39	2.40	5.73	0.28
ORIA-2REGATA	7612.982	T100	1151.00	5.40	2.54	2.39	5.70	0.32
ORIA-2REGATA	7489.045	T100	1151.00	5.38	2.19	2.77	5.61	0.30
ORIA-2REGATA	7379.956	T100	1151.00	5.26	2.54	2.72	5.54	0.32
ORIA-2REGATA	7284.814	T100	1151.00	5.24	2.36	3.00	5.48	0.29
ORIA-2REGATA	7169.117	T100	1151.00	5.19	2.26	3.51	5.42	0.28
ORIA-2REGATA	7053.36	T100	1151.00	5.05	2.60	3.38	5.36	0.32
ORIA-2REGATA	6948.222	T100	1151.00	4.99	2.68	3.41	5.30	0.32
ORIA-2REGATA	6860.338	T100	1151.00	4.96	2.56	3.49	5.24	0.30
ORIA-2REGATA	6746.67	T100	1151.00	4.92	2.39	3.07	5.18	0.30
ORIA-2REGATA	6662.602	T100	1151.00	4.88	2.37	3.26	5.13	0.29
ORIA-2REGATA	6535.042	T100	1151.00	4.86	2.11	3.89	5.07	0.26
ORIA-2REGATA	6431.793	T100	1151.00	4.74	2.44	3.30	5.01	0.31
ORIA-2REGATA	6304.601	T100	1151.00	4.70	2.24	2.44	4.94	0.30
ORIA-2REGATA	6189.018	T100	1151.00	4.68	2.04	2.95	4.87	0.27
ORIA-2REGATA	6080.5	T100	1151.00	4.57	2.31	2.65	4.81	0.30
ORIA-2REGATA	6008.231	T100	1151.00	4.55	2.27	2.75	4.77	0.29
ORIA-2REGATA	5871.649	T100	1151.00	4.44	2.35	2.98	4.70	0.30
ORIA-2REGATA	5790.657	T100	1151.00	4.39	2.39	3.19	4.65	0.31
ORIA-2REGATA	5682.44	T100	1151.00	4.35	2.25	2.92	4.58	0.30
ORIA-2REGATA	5556.492	T100	1151.00	4.36	1.88	2.60	4.50	0.25
ORIA-2REGATA	5401.598	T100	1151.00	4.21	2.25	2.44	4.43	0.29
ORIA-2REGATA	5280.797	T100	1151.00	4.18	2.14	2.49	4.37	0.27
ORIA-2REGATA	5179.899	T100	1151.00	4.15	2.03	2.57	4.32	0.27
ORIA-2REGATA	5053.822	T100	1151.00	4.14	1.78	3.09	4.26	0.23
ORIA-2REGATA	4895.147	T100	1151.00	4.11	1.64	2.97	4.21	0.22
ORIA-2REGATA	4805.383	T100	1151.00	4.07	1.75	3.12	4.18	0.23
ORIA-2REGATA	4733.88	T100	1151.00	4.06	1.56	3.40	4.15	0.21
ORIA-2REGATA	4583.286	T100	1151.00	4.01	1.60	3.44	4.11	0.22
ORIA-2REGATA	4507.483	T100	1151.00	3.98	1.61	3.00	4.09	0.22
ORIA-2REGATA	4356.233	T100	1151.00	3.93	1.61	2.91	4.04	0.22
ORIA-2REGATA	4259.779	T100	1151.00	3.89	1.66	2.79	4.01	0.24

T100 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	4158.449	T100	1151.00	3.83	1.77	2.91	3.98	0.22
ORIA-2REGATA	3974.194	T100	1151.00	3.79	1.65	2.88	3.92	0.24
ORIA-2REGATA	3886.724	T100	1151.00	3.72	1.80	3.22	3.88	0.27
ORIA-2REGATA	3808.914	T100	1151.00	3.68	1.83	4.25	3.85	0.27
ORIA-2REGATA	3658.406	T100	1151.00	3.69	1.41	3.52	3.78	0.20
ORIA-2REGATA	3566.72	T100	1151.00	3.67	1.38	3.63	3.75	0.19
ORIA-2REGATA	3442.677	T100	1151.00	3.64	1.39	3.62	3.72	0.19
ORIA-2REGATA	3337.678	T100	1151.00	3.63	1.23	3.73	3.70	0.18
ORIA-2REGATA	3270.399	T100	1151.00	3.61	1.30	3.80	3.68	0.19
ORIA-2REGATA	3154.791	T100	1151.00	3.59	1.16	3.50	3.66	0.17
ORIA-2REGATA	3051.658	T100	1151.00	3.58	1.04	3.11	3.63	0.16
ORIA-2REGATA	2911.274	T100	1151.00	3.54	1.24	3.11	3.61	0.18
ORIA-2REGATA	2822.969	T100	1151.00	3.54	1.13	3.26	3.59	0.16
ORIA-2REGATA	2720.568	T100	1151.00	3.54	0.95	3.55	3.57	0.13
ORIA-2REGATA	2634.605	T100	1151.00	3.51	1.10	3.16	3.56	0.15
ORIA-2REGATA	2544.922	T100	1151.00	3.48	1.22	2.87	3.54	0.17
ORIA-2REGATA	2427.927	T100	1151.00	3.46	1.14	2.95	3.52	0.16
ORIA-2REGATA	2339.462	T100	1151.00	3.43	1.20	3.50	3.50	0.18
ORIA-2REGATA	2269.4	T100	1151.00	3.42	1.15	4.54	3.49	0.17
ORIA-2REGATA	2161.252	T100	1151.00	3.39	1.28	5.18	3.47	0.17
ORIA-2REGATA	2119.406	T100	1151.00	3.37	1.36	5.06	3.46	0.19
ORIA-2REGATA	2058.987	T100	1151.00	3.34	1.42	4.93	3.45	0.20
ORIA-2REGATA	2033.004	T100	1151.00	3.33	1.49	4.89	3.44	0.21
ORIA-2REGATA	1983.467	T100	1151.00	3.30	1.58	4.55	3.42	0.23
ORIA-2REGATA	1935.376	T100	1151.00	3.27	1.62	4.60	3.41	0.23
ORIA-2REGATA	1884.235	T100	1151.00	3.26	1.61	4.69	3.39	0.23
ORIA-2REGATA	1831.032	T100	1151.00	3.24	1.63	4.75	3.37	0.23
ORIA-2REGATA	1779.842	T100	1151.00	3.23	1.56	3.33	3.35	0.23
ORIA-2REGATA	1730.022	T100	1151.00	3.24	1.37	3.60	3.33	0.20
ORIA-2REGATA	1661.702	T100	1151.00	3.24	1.20	3.66	3.31	0.18
ORIA-2REGATA	1578.735	T100	1151.00	3.19	1.38	4.50	3.29	0.20
ORIA-2REGATA	1553.596	T100	1151.00	3.16	1.55	3.78	3.28	0.22
ORIA-2REGATA	1514.229	T100	1151.00	3.12	1.68	4.04	3.26	0.24
ORIA-2REGATA	1477.101	T100	1151.00	3.14	1.41	5.74	3.24	0.18
ORIA-2REGATA	1471.015		Bridge					
ORIA-2REGATA	1465.333	T100	1151.00	3.13	1.37	5.95	3.23	0.17
ORIA-2REGATA	1434.906	T100	1151.00	3.16	1.07	9.23	3.21	0.10
ORIA-2REGATA	1387.195	T100	1151.00	3.08	1.53	7.72	3.20	0.17
ORIA-2REGATA	1348.897	T100	1151.00	3.05	1.66	6.82	3.19	0.20
ORIA-2REGATA	1286.482	T100	1151.00	3.02	1.76	7.43	3.18	0.21
ORIA-2REGATA	1241.408	T100	1151.00	3.03	1.56	7.00	3.16	0.19
ORIA-2REGATA	1194.451	T100	1151.00	3.05	1.27	6.02	3.14	0.16

T100 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	1156.984	T100	1151.00	3.06	1.08	6.01	3.12	0.14
ORIA-2REGATA	1133.869	T100	1151.00	3.07	0.97	5.96	3.12	0.13
ORIA-1	1037.507	T100	1195.00	3.06	1.07	4.75	3.12	0.15
ORIA-1	986.9419	T100	1195.00	3.03	1.24	5.03	3.11	0.18
ORIA-1	935.5785	T100	1195.00	3.00	1.39	5.27	3.10	0.19
ORIA-1	886.6628	T100	1195.00	2.97	1.52	5.37	3.08	0.21
ORIA-1	831.8651	T100	1195.00	2.93	1.63	5.34	3.07	0.23
ORIA-1	790.4279	T100	1195.00	2.93	1.54	5.09	3.05	0.22
ORIA-1	742.9493	T100	1195.00	2.92	1.54	5.23	3.04	0.21
ORIA-1	704.7355	T100	1195.00	2.89	1.67	5.29	3.03	0.23
ORIA-1	654.5527	T100	1195.00	2.85	1.77	5.36	3.01	0.24
ORIA-1	605.1155	T100	1195.00	2.85	1.68	5.20	2.99	0.24
ORIA-1	556.4642	T100	1195.00	2.85	1.60	5.21	2.98	0.22
ORIA-1	513.2202	T100	1195.00	2.84	1.57	5.12	2.96	0.22
ORIA-1	481.5066	T100	1195.00	2.84	1.48	5.02	2.95	0.21
ORIA-1	416.8413	T100	1195.00	2.85	1.29	4.90	2.93	0.19
ORIA-1	366.8122	T100	1195.00	2.84	1.23	4.82	2.92	0.18
ORIA-1	316.8093	T100	1195.00	2.84	1.21	4.74	2.91	0.18
ORIA-1	266.78	T100	1195.00	2.82	1.23	4.77	2.90	0.18
ORIA-1	216.6627	T100	1195.00	2.81	1.27	4.91	2.89	0.18
ORIA-1	184.1351	T100	1195.00	2.82	1.10	5.77	2.88	0.15
ORIA-1	146.8827	T100	1195.00	2.82	1.01	5.80	2.87	0.13
ORIA-1	93.1843	T100	1195.00	2.76	1.42	5.54	2.86	0.19

T500 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
RegataUrbil	545.7	T500	10.33	20.11	1.96	0.99	20.31	0.63
RegataUrbil	541.8		Bridge					
RegataUrbil	505.706	T500	10.33	19.41	2.64	0.71	19.77	1.00
RegataUrbil	458.679	T500	10.33	18.74	1.80	1.06	18.91	0.56
RegataUrbil	435.279	T500	10.33	18.19	2.82	0.81	18.59	1.00
RegataUrbil	415.79	T500	10.33	18.00	1.35	1.62	18.10	0.34
RegataUrbil	395.461	T500	10.33	18.03	0.71	2.24	18.06	0.13
RegataUrbil	375.242	T500	10.33	18.03	0.52	2.92	18.05	0.08
RegataUrbil	355.242	T500	10.33	18.03	0.47	2.89	18.04	0.07
RegataUrbil	348.28		Bridge					
RegataUrbil	337.683	T500	10.33	18.02	0.43	1.26	18.03	0.07
RegataUrbil	315.921	T500	10.33	18.02	0.31	1.14	18.03	0.05
ORIA-2	16563.3	T500	1691.00	18.67	3.13	3.79	19.10	0.38
ORIA-2	16512.31	T500	1691.00	18.54	3.33	3.75	19.03	0.41
ORIA-2	16460.81	T500	1691.00	18.43	3.43	3.76	18.97	0.42
ORIA-2	16411.62	T500	1691.00	18.25	3.68	4.13	18.89	0.46
ORIA-2	16349.22	T500	1691.00	17.30	5.09	3.95	18.56	0.65
ORIA-2	16347.99		Bridge					
ORIA-2	16346.3	T500	1691.00	17.30	5.02	4.10	18.54	0.65
ORIA-2	16320.97	T500	1691.00	17.58	3.46	3.80	18.16	0.46
ORIA-2	16274.54	T500	1691.00	17.69	2.64	4.72	18.03	0.34
ORIA-2	16224.48	T500	1691.00	17.62	2.70	3.77	17.98	0.41
ORIA-2	16163.02	T500	1691.00	17.64	2.26	3.40	17.88	0.34
ORIA-2	16134.34	T500	1691.00	17.61	1.89	3.25	17.79	0.31
ORIA-2REGATA	16083.65	T500	1691.00	17.58	1.82	3.94	17.75	0.29
ORIA-2REGATA	16031.29	T500	1691.00	17.55	1.78	3.82	17.71	0.28
ORIA-2REGATA	16000.81	T500	1691.00	17.52	1.85	3.23	17.69	0.30
ORIA-2REGATA	15960.27	T500	1691.00	17.48	1.87	3.30	17.66	0.30
ORIA-2REGATA	15925.95	T500	1691.00	17.45	1.95	3.45	17.63	0.31
ORIA-2REGATA	15896.56	T500	1691.00	17.43	1.93	3.12	17.61	0.30
ORIA-2REGATA	15863.9	T500	1691.00	17.43	1.88	3.36	17.59	0.27
ORIA-2REGATA	15832.96	T500	1691.00	17.43	1.84	3.86	17.57	0.25
ORIA-2REGATA	15798.94	T500	1691.00	17.41	1.90	3.99	17.56	0.24
ORIA-2REGATA	15773	T500	1691.00	17.40	1.89	4.38	17.55	0.22
ORIA-2REGATA	15744.06	T500	1691.00	17.35	2.09	4.50	17.54	0.23
ORIA-2REGATA	15723.44	T500	1691.00	17.24	2.49	4.37	17.52	0.28
ORIA-2REGATA	15698.95	T500	1691.00	17.07	3.00	4.39	17.49	0.33
ORIA-2REGATA	15670.31	T500	1691.00	17.09	2.84	4.54	17.46	0.32
ORIA-2REGATA	15629.25	T500	1691.00	17.02	2.99	3.94	17.43	0.33
ORIA-2REGATA	15581.08	T500	1691.00	17.04	2.83	3.75	17.38	0.31

T500 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	15541.86	T500	1691.00	16.64	3.80	3.25	17.26	0.45
ORIA-2REGATA	15535.32		Mult Open					
ORIA-2REGATA	15535.16	T500	1691.00	15.78	4.64	3.12	16.76	0.53
ORIA-2REGATA	15499.05	T500	1691.00	15.97	3.38	3.32	16.47	0.41
ORIA-2REGATA	15459.37	T500	1691.00	15.78	3.84	3.27	16.41	0.45
ORIA-2REGATA	15421.29	T500	1691.00	15.40	4.48	2.57	16.33	0.54
ORIA-2REGATA	15379.77	T500	1691.00	15.45	4.21	2.96	16.20	0.52
ORIA-2REGATA	15325.62	T500	1691.00	15.32	4.24	3.27	16.10	0.54
ORIA-2REGATA	15284.57	T500	1691.00	15.26	4.10	3.21	16.02	0.51
ORIA-2REGATA	15225.7	T500	1691.00	15.18	3.97	3.27	15.92	0.51
ORIA-2REGATA	15173.95	T500	1691.00	15.13	3.85	3.37	15.82	0.49
ORIA-2REGATA	15127	T500	1691.00	15.06	3.81	3.19	15.75	0.49
ORIA-2REGATA	15072.87	T500	1691.00	15.02	3.77	3.13	15.65	0.47
ORIA-2REGATA	15021.28	T500	1691.00	14.95	3.84	2.92	15.58	0.46
ORIA-2REGATA	14970.36	T500	1691.00	14.94	3.66	3.10	15.49	0.44
ORIA-2REGATA	14922	T500	1691.00	14.83	3.74	3.02	15.42	0.46
ORIA-2REGATA	14873.26	T500	1691.00	14.77	3.77	2.70	15.36	0.46
ORIA-2REGATA	14823.96	T500	1691.00	14.73	3.68	2.98	15.29	0.45
ORIA-2REGATA	14773.64	T500	1691.00	14.73	3.47	2.82	15.20	0.43
ORIA-2REGATA	14723.51	T500	1691.00	14.69	3.41	2.83	15.14	0.42
ORIA-2REGATA	14655.7	T500	1691.00	14.63	3.29	2.83	15.05	0.42
ORIA-2REGATA	14605.55	T500	1691.00	14.64	3.08	2.96	14.98	0.38
ORIA-2REGATA	14554.89	T500	1691.00	14.61	2.79	3.44	14.93	0.35
ORIA-2REGATA	14500.36	T500	1691.00	14.68	1.97	3.57	14.86	0.25
ORIA-2REGATA	14449.37	T500	1691.00	14.62	2.34	3.58	14.83	0.30
ORIA-2REGATA	14399.3	T500	1691.00	14.60	2.45	3.66	14.80	0.31
ORIA-2REGATA	14349.13	T500	1691.00	14.62	1.78	3.83	14.75	0.25
ORIA-2REGATA	14328.2	T500	1691.00	14.60	1.83	3.56	14.74	0.26
ORIA-2REGATA	14248.94	T500	1691.00	14.56	1.88	3.30	14.70	0.27
ORIA-2REGATA	14171.25	T500	1691.00	14.54	1.71	3.17	14.65	0.24
ORIA-2REGATA	14107.97	T500	1691.00	14.44	2.17	3.08	14.61	0.30
ORIA-2REGATA	14074.51	T500	1691.00	14.33	2.54	2.65	14.58	0.35
ORIA-2REGATA	14013.92	T500	1691.00	13.84	3.91	2.60	14.47	0.53
ORIA-2REGATA	13965.17	T500	1691.00	13.86	3.53	3.27	14.35	0.47
ORIA-2REGATA	13910.59	T500	1691.00	13.43	4.37	1.50	14.22	0.59
ORIA-2REGATA	13858.97	T500	1691.00	13.46	3.90	1.66	14.06	0.52
ORIA-2REGATA	13796.84	T500	1691.00	13.34	3.92	1.63	13.95	0.53
ORIA-2REGATA	13740.79	T500	1691.00	13.34	3.66	1.87	13.82	0.49
ORIA-2REGATA	13697.46	T500	1691.00	13.29	3.55	1.92	13.75	0.49
ORIA-2REGATA	13637.55	T500	1691.00	13.36	2.91	2.42	13.62	0.38
ORIA-2REGATA	13579.41	T500	1691.00	13.41	1.99	2.94	13.54	0.28

T500 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	13576.5		Inl Struct					
ORIA-2REGATA	13545.21	T500	1691.00	13.41	1.80	3.64	13.52	0.21
ORIA-2REGATA	13506.84	T500	1691.00	13.41	1.63	4.01	13.50	0.19
ORIA-2REGATA	13440.63	T500	1691.00	13.39	1.81	3.84	13.49	0.21
ORIA-2REGATA	13396.47	T500	1691.00	13.37	1.88	3.72	13.47	0.22
ORIA-2REGATA	13325.25	T500	1691.00	13.34	1.98	3.74	13.45	0.22
ORIA-2REGATA	13287.46	T500	1691.00	13.32	2.02	3.74	13.44	0.23
ORIA-2REGATA	13242.87	T500	1691.00	13.28	2.14	3.84	13.43	0.24
ORIA-2REGATA	13191.41	T500	1691.00	12.95	3.21	2.79	13.37	0.36
ORIA-2REGATA	13137.97	T500	1691.00	12.72	3.63	2.31	13.30	0.43
ORIA-2REGATA	13080.05	T500	1691.00	12.73	3.37	2.53	13.22	0.40
ORIA-2REGATA	13026.78	T500	1691.00	12.50	3.74	2.89	13.14	0.43
ORIA-2REGATA	12981.51	T500	1691.00	12.59	2.95	2.97	12.95	0.41
ORIA-2REGATA	12977.95		Bridge					
ORIA-2REGATA	12975.23	T500	1691.00	12.02	3.69	2.81	12.61	0.46
ORIA-2REGATA	12943.5	T500	1691.00	11.97	3.53	4.46	12.57	0.43
ORIA-2REGATA	12908.45	T500	1691.00	11.90	3.55	4.49	12.53	0.44
ORIA-2REGATA	12862.23	T500	1691.00	11.92	3.32	4.56	12.45	0.39
ORIA-2REGATA	12829.24	T500	1691.00	11.82	3.47	3.79	12.41	0.41
ORIA-2REGATA	12796.69	T500	1691.00	11.93	2.86	4.20	12.33	0.34
ORIA-2REGATA	12726.5	T500	1691.00	12.01	2.18	5.37	12.24	0.26
ORIA-2REGATA	12683.51	T500	1691.00	11.85	2.61	4.30	12.19	0.29
ORIA-2REGATA	12680		Bridge					
ORIA-2REGATA	12676.4	T500	1691.00	11.54	2.72	4.07	11.91	0.30
ORIA-2REGATA	12637.89	T500	1691.00	11.50	2.78	5.72	11.89	0.33
ORIA-2REGATA	12595.5	T500	1691.00	11.20	3.58	4.31	11.83	0.43
ORIA-2REGATA	12546.51	T500	1691.00	11.26	3.10	4.61	11.73	0.37
ORIA-2REGATA	12498.8	T500	1691.00	11.10	3.41	4.66	11.68	0.39
ORIA-2REGATA	12462.68	T500	1691.00	10.99	3.56	4.69	11.64	0.43
ORIA-2REGATA	12412.34	T500	1691.00	10.97	3.42	4.73	11.56	0.41
ORIA-2REGATA	12362.3	T500	1691.00	10.99	3.10	4.81	11.48	0.40
ORIA-2REGATA	12320.09	T500	1691.00	10.74	3.65	3.96	11.41	0.44
ORIA-2REGATA	12269.8	T500	1691.00	10.76	3.35	3.94	11.32	0.40
ORIA-2REGATA	12214.37	T500	1691.00	10.72	3.34	4.41	11.26	0.39
ORIA-2REGATA	12156.64	T500	1691.00	10.61	3.41	5.12	11.20	0.42
ORIA-2REGATA	12101.79	T500	1691.00	10.55	3.45	5.20	11.14	0.41
ORIA-2REGATA	12046.41	T500	1691.00	10.15	4.24	2.34	11.04	0.50
ORIA-2REGATA	12006.09	T500	1691.00	10.23	3.72	4.96	10.92	0.45
ORIA-2REGATA	11956.06	T500	1691.00	10.15	3.80	5.68	10.86	0.42
ORIA-2REGATA	11905.86	T500	1691.00	10.16	3.60	5.44	10.79	0.39
ORIA-2REGATA	11864.21	T500	1691.00	10.21	3.32	5.57	10.72	0.36
ORIA-2REGATA	11729.66	T500	1691.00	10.30	2.61	4.38	10.57	0.28

T500 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	11601.53	T500	1691.00	10.07	3.32	4.02	10.48	0.36
ORIA-2REGATA	11446.61	T500	1718.00	9.88	3.31	4.02	10.34	0.39
ORIA-2REGATA	11322.82	T500	1718.00	9.75	3.39	4.09	10.23	0.39
ORIA-2REGATA	11211.57	T500	1718.00	9.70	3.28	3.99	10.11	0.37
ORIA-2REGATA	11039.79	T500	1718.00	8.94	4.78	3.17	9.86	0.55
ORIA-2REGATA	10914.69	T500	1718.00	8.95	3.98	3.06	9.57	0.47
ORIA-2REGATA	10742.68	T500	1718.00	8.83	3.47	3.67	9.33	0.40
ORIA-2REGATA	10619.16	T500	1718.00	8.98	2.02	5.31	9.17	0.24
ORIA-2REGATA	10513.57	T500	1718.00	8.93	2.07	5.44	9.13	0.26
ORIA-2REGATA	10362.58	T500	1718.00	8.85	2.22	5.33	9.07	0.26
ORIA-2REGATA	10261.68	T500	1718.00	8.78	2.46	4.58	9.03	0.27
ORIA-2REGATA	10168.2	T500	1718.00	8.76	2.44	4.13	8.99	0.26
ORIA-2REGATA	10120.72	T500	1718.00	8.63	2.96	3.57	8.96	0.33
ORIA-2REGATA	10084.2	T500	1718.00	8.46	3.28	3.68	8.93	0.38
ORIA-2REGATA	10052.3	T500	1718.00	8.43	3.20	3.99	8.90	0.36
ORIA-2REGATA	10048.87		Bridge					
ORIA-2REGATA	10046.04	T500	1718.00	7.92	3.00	4.89	8.38	0.38
ORIA-2REGATA	10005.62	T500	1718.00	7.77	3.44	5.19	8.32	0.41
ORIA-2REGATA	9952.628	T500	1718.00	7.82	3.00	4.58	8.24	0.36
ORIA-2REGATA	9843.386	T500	1718.00	7.72	3.11	3.71	8.16	0.37
ORIA-2REGATA	9748.673	T500	1718.00	7.70	3.00	3.28	8.07	0.35
ORIA-2REGATA	9660.88	T500	1718.00	7.71	2.74	3.00	7.99	0.31
ORIA-2REGATA	9541.047	T500	1718.00	7.71	2.32	3.24	7.92	0.27
ORIA-2REGATA	9379.213	T500	1718.00	7.66	2.32	3.49	7.85	0.26
ORIA-2REGATA	9304.015	T500	1718.00	7.61	2.41	3.37	7.82	0.27
ORIA-2REGATA	9180.456	T500	1718.00	7.53	2.63	3.36	7.77	0.29
ORIA-2REGATA	9082.134	T500	1718.00	7.50	2.45	3.34	7.73	0.29
ORIA-2REGATA	9037.875	T500	1718.00	7.39	2.82	3.46	7.69	0.33
ORIA-2REGATA	8965.871	T500	1718.00	7.36	2.65	4.04	7.65	0.31
ORIA-2REGATA	8924.898	T500	1718.00	7.36	2.47	4.24	7.62	0.28
ORIA-2REGATA	8858.508	T500	1718.00	7.32	2.48	3.86	7.59	0.29
ORIA-2REGATA	8808.497	T500	1718.00	7.31	2.43	3.75	7.57	0.29
ORIA-2REGATA	8757.154	T500	1718.00	7.27	2.47	3.62	7.54	0.30
ORIA-2REGATA	8705.003	T500	1718.00	7.27	2.31	3.80	7.51	0.29
ORIA-2REGATA	8654.991	T500	1718.00	7.20	2.56	3.66	7.48	0.31
ORIA-2REGATA	8604.684	T500	1718.00	7.22	2.15	4.34	7.44	0.26
ORIA-2REGATA	8540.668	T500	1718.00	7.23	1.98	3.47	7.40	0.25
ORIA-2REGATA	8487.078	T500	1718.00	7.16	2.28	3.87	7.38	0.28
ORIA-2REGATA	8424.546	T500	1718.00	7.05	2.62	3.60	7.34	0.31
ORIA-2REGATA	8374.402	T500	1718.00	7.06	2.52	3.53	7.30	0.29
ORIA-2REGATA	8323.97	T500	1718.00	7.07	2.36	3.27	7.27	0.27
ORIA-2REGATA	8273.31	T500	1718.00	7.05	2.31	3.39	7.25	0.26

T500 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	8222.697	T500	1718.00	7.04	2.21	3.55	7.23	0.26
ORIA-2REGATA	8172.645	T500	1718.00	6.99	2.36	3.72	7.21	0.27
ORIA-2REGATA	8101.262	T500	1718.00	6.85	2.75	3.48	7.16	0.31
ORIA-2REGATA	8063.975	T500	1718.00	6.77	3.00	3.53	7.14	0.34
ORIA-2REGATA	8008.937	T500	1718.00	6.70	3.17	3.50	7.10	0.35
ORIA-2REGATA	7952.676	T500	1718.00	6.72	2.75	3.90	7.04	0.33
ORIA-2REGATA	7903.64	T500	1718.00	6.75	2.41	3.61	6.99	0.29
ORIA-2REGATA	7847.759	T500	1718.00	6.75	2.14	4.35	6.96	0.26
ORIA-2REGATA	7801.729	T500	1718.00	6.75	2.03	3.62	6.93	0.25
ORIA-2REGATA	7741.837	T500	1718.00	6.75	1.96	3.70	6.91	0.23
ORIA-2REGATA	7673.066	T500	1718.00	6.58	2.71	3.46	6.87	0.30
ORIA-2REGATA	7612.982	T500	1718.00	6.50	2.87	3.42	6.83	0.33
ORIA-2REGATA	7489.045	T500	1718.00	6.46	2.55	3.74	6.75	0.32
ORIA-2REGATA	7379.956	T500	1718.00	6.35	2.88	3.74	6.68	0.34
ORIA-2REGATA	7284.814	T500	1718.00	6.33	2.67	3.97	6.61	0.31
ORIA-2REGATA	7169.117	T500	1718.00	6.22	2.74	4.45	6.55	0.31
ORIA-2REGATA	7053.36	T500	1718.00	6.05	3.12	4.30	6.47	0.36
ORIA-2REGATA	6948.222	T500	1718.00	6.00	3.14	4.32	6.39	0.35
ORIA-2REGATA	6860.338	T500	1718.00	5.95	3.05	4.40	6.33	0.34
ORIA-2REGATA	6746.67	T500	1718.00	5.90	2.87	3.93	6.25	0.33
ORIA-2REGATA	6662.602	T500	1718.00	5.86	2.85	4.17	6.20	0.33
ORIA-2REGATA	6535.042	T500	1718.00	5.81	2.62	4.60	6.12	0.30
ORIA-2REGATA	6431.793	T500	1718.00	5.68	2.97	4.06	6.06	0.35
ORIA-2REGATA	6304.601	T500	1718.00	5.67	2.57	3.25	5.95	0.32
ORIA-2REGATA	6189.018	T500	1718.00	5.64	2.38	3.78	5.88	0.30
ORIA-2REGATA	6080.5	T500	1718.00	5.53	2.67	3.49	5.82	0.33
ORIA-2REGATA	6008.231	T500	1718.00	5.50	2.63	3.59	5.77	0.31
ORIA-2REGATA	5871.649	T500	1718.00	5.30	2.91	3.81	5.68	0.35
ORIA-2REGATA	5790.657	T500	1718.00	5.22	2.98	3.93	5.62	0.36
ORIA-2REGATA	5682.44	T500	1718.00	5.20	2.72	3.73	5.52	0.34
ORIA-2REGATA	5556.492	T500	1718.00	5.24	2.15	3.36	5.41	0.26
ORIA-2REGATA	5401.598	T500	1718.00	5.07	2.58	3.25	5.34	0.31
ORIA-2REGATA	5280.797	T500	1718.00	5.04	2.45	3.29	5.27	0.29
ORIA-2REGATA	5179.899	T500	1718.00	5.02	2.29	3.37	5.21	0.28
ORIA-2REGATA	5053.822	T500	1718.00	5.00	2.07	3.85	5.15	0.25
ORIA-2REGATA	4895.147	T500	1718.00	4.97	1.88	3.78	5.09	0.23
ORIA-2REGATA	4805.383	T500	1718.00	4.91	2.04	3.94	5.06	0.25
ORIA-2REGATA	4733.88	T500	1718.00	4.91	1.85	4.22	5.03	0.23
ORIA-2REGATA	4583.286	T500	1718.00	4.83	1.92	4.15	4.98	0.24
ORIA-2REGATA	4507.483	T500	1718.00	4.80	1.91	3.68	4.95	0.25
ORIA-2REGATA	4356.233	T500	1718.00	4.74	1.94	3.56	4.90	0.25
ORIA-2REGATA	4259.779	T500	1718.00	4.70	1.96	3.46	4.86	0.27

T500 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m ³ /s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	4158.449	T500	1718.00	4.61	2.19	3.56	4.82	0.26
ORIA-2REGATA	3974.194	T500	1718.00	4.54	2.05	3.51	4.75	0.28
ORIA-2REGATA	3886.724	T500	1718.00	4.43	2.30	3.30	4.70	0.32
ORIA-2REGATA	3808.914	T500	1718.00	4.36	2.38	3.86	4.65	0.32
ORIA-2REGATA	3658.406	T500	1718.00	4.40	1.76	4.18	4.54	0.24
ORIA-2REGATA	3566.72	T500	1718.00	4.38	1.74	4.15	4.51	0.23
ORIA-2REGATA	3442.677	T500	1718.00	4.35	1.75	4.30	4.47	0.23
ORIA-2REGATA	3337.678	T500	1718.00	4.33	1.56	4.41	4.43	0.21
ORIA-2REGATA	3270.399	T500	1718.00	4.29	1.65	4.46	4.41	0.22
ORIA-2REGATA	3154.791	T500	1718.00	4.28	1.46	4.07	4.38	0.21
ORIA-2REGATA	3051.658	T500	1718.00	4.27	1.29	3.77	4.35	0.18
ORIA-2REGATA	2911.274	T500	1718.00	4.20	1.58	3.76	4.31	0.21
ORIA-2REGATA	2822.969	T500	1718.00	4.21	1.42	3.86	4.28	0.19
ORIA-2REGATA	2720.568	T500	1718.00	4.20	1.19	4.14	4.26	0.16
ORIA-2REGATA	2634.605	T500	1718.00	4.17	1.35	3.80	4.24	0.18
ORIA-2REGATA	2544.922	T500	1718.00	4.13	1.50	3.40	4.22	0.20
ORIA-2REGATA	2427.927	T500	1718.00	4.10	1.43	3.12	4.20	0.19
ORIA-2REGATA	2339.462	T500	1718.00	4.05	1.55	3.88	4.17	0.22
ORIA-2REGATA	2269.4	T500	1718.00	4.04	1.52	4.35	4.15	0.21
ORIA-2REGATA	2161.252	T500	1718.00	3.97	1.72	5.41	4.12	0.22
ORIA-2REGATA	2119.406	T500	1718.00	3.93	1.83	5.18	4.11	0.24
ORIA-2REGATA	2058.987	T500	1718.00	3.90	1.91	4.85	4.08	0.26
ORIA-2REGATA	2033.004	T500	1718.00	3.86	2.01	5.25	4.07	0.27
ORIA-2REGATA	1983.467	T500	1718.00	3.81	2.14	4.84	4.04	0.29
ORIA-2REGATA	1935.376	T500	1718.00	3.77	2.20	4.54	4.02	0.30
ORIA-2REGATA	1884.235	T500	1718.00	3.75	2.18	4.76	3.99	0.30
ORIA-2REGATA	1831.032	T500	1718.00	3.71	2.21	5.18	3.96	0.31
ORIA-2REGATA	1779.842	T500	1718.00	3.70	2.11	3.74	3.93	0.29
ORIA-2REGATA	1730.022	T500	1718.00	3.72	1.83	3.96	3.89	0.26
ORIA-2REGATA	1661.702	T500	1718.00	3.73	1.59	4.12	3.85	0.23
ORIA-2REGATA	1578.735	T500	1718.00	3.64	1.87	4.61	3.82	0.27
ORIA-2REGATA	1553.596	T500	1718.00	3.57	2.13	3.92	3.80	0.29
ORIA-2REGATA	1514.229	T500	1718.00	3.50	2.32	4.06	3.77	0.32
ORIA-2REGATA	1477.101	T500	1718.00	3.54	1.97	6.12	3.73	0.25
ORIA-2REGATA	1471.015		Bridge					
ORIA-2REGATA	1465.333	T500	1718.00	3.52	1.94	6.23	3.71	0.23
ORIA-2REGATA	1434.906	T500	1718.00	3.56	1.54	9.11	3.68	0.15
ORIA-2REGATA	1387.195	T500	1718.00	3.42	2.18	7.19	3.66	0.24
ORIA-2REGATA	1348.897	T500	1718.00	3.35	2.38	6.50	3.64	0.28
ORIA-2REGATA	1286.482	T500	1718.00	3.28	2.54	6.68	3.61	0.29
ORIA-2REGATA	1241.408	T500	1718.00	3.31	2.25	6.83	3.57	0.26
ORIA-2REGATA	1194.451	T500	1718.00	3.36	1.81	6.06	3.52	0.23

T500 FUTURO								
RIO ORIA	SECCION	PERIODO	Caudal (m3/s)	Cota (m)	Velocidad (m/s)	Calado (m)	Energía (m)	Num. Froude
ORIA-2REGATA	1156.984	T500	1718.00	3.38	1.53	6.24	3.50	0.20
ORIA-2REGATA	1133.869	T500	1718.00	3.39	1.38	6.19	3.49	0.18
ORIA-1	1037.507	T500	1781.00	3.37	1.50	4.96	3.49	0.21
ORIA-1	986.9419	T500	1781.00	3.31	1.75	5.29	3.47	0.24
ORIA-1	935.5785	T500	1781.00	3.25	1.98	5.51	3.45	0.27
ORIA-1	886.6628	T500	1781.00	3.18	2.18	5.58	3.42	0.30
ORIA-1	831.8651	T500	1781.00	3.11	2.35	5.50	3.39	0.32
ORIA-1	790.4279	T500	1781.00	3.11	2.22	5.25	3.36	0.31
ORIA-1	742.9493	T500	1781.00	3.09	2.23	5.36	3.34	0.31
ORIA-1	704.7355	T500	1781.00	3.06	2.30	4.48	3.32	0.32
ORIA-1	654.5527	T500	1781.00	3.02	2.37	2.77	3.29	0.32
ORIA-1	605.1155	T500	1781.00	3.02	2.23	3.17	3.26	0.31
ORIA-1	556.4642	T500	1781.00	3.01	2.14	3.22	3.23	0.30
ORIA-1	513.2202	T500	1781.00	2.93	2.29	4.26	3.20	0.32
ORIA-1	481.5066	T500	1781.00	2.94	2.16	5.11	3.18	0.30
ORIA-1	416.8413	T500	1781.00	2.95	1.88	5.00	3.13	0.27
ORIA-1	366.8122	T500	1781.00	2.94	1.80	4.91	3.11	0.26
ORIA-1	316.8093	T500	1781.00	2.93	1.76	4.82	3.09	0.26
ORIA-1	266.78	T500	1781.00	2.91	1.80	4.85	3.07	0.26
ORIA-1	216.6627	T500	1781.00	2.87	1.87	4.96	3.05	0.27
ORIA-1	184.1351	T500	1781.00	2.89	1.62	5.83	3.03	0.21
ORIA-1	146.8827	T500	1781.00	2.90	1.49	5.87	3.01	0.20
ORIA-1	93.1843	T500	1781.00	2.76	2.11	5.54	2.99	0.29

6.- COMPARACIÓN DE RESULTADOS ESTADO ACTUAL- FUTURO

Como se puede observar con el aumento de cota de la plataforma de la urbanización de ZAPATEGI apenas afecta a la cota de lámina, por lo que el funcionamiento del tramo a nivel de régimen hidráulico apenas se modifica. A nivel de velocidades, la actuación no conlleva incremento de velocidades, siendo su magnitud muy leve. Se muestran a continuación la comparación de resultados para las diferentes avenidas:

SECCION	Periodo	Caudal (m3/s)	ACTUAL		FUTURA		DIFERENCIA	
			Cota (m)	Velocidad (m/s)	Cota (m)	Velocidad (m/s)	Cota (m)	Velocidad (m/s)
545.7	T10	2.5	19.56	1.09	19.55	1.09	-0.01	0
541.8		Bridge					0	0
505.706	T10	2.5	18.98	1.65	18.98	1.65	0	0
458.679	T10	2.5	18.10	1.11	18.10	1.11	0	0
435.279	T10	2.5	17.69	1.76	17.69	1.76	0	0
415.79	T10	2.5	16.68	1.74	16.68	1.74	0	0
395.461	T10	2.5	15.41	1.71	15.41	1.71	0	0
375.242	T10	2.5	15.43	0.38	15.43	0.38	0	0
355.242	T10	2.5	15.43	0.31	15.43	0.31	0	0
348.28		Bridge					0	0
337.683	T10	2.5	15.43	0.27	15.43	0.27	0	0
315.921	T10	2.5	15.42	0.24	15.42	0.24	0	0
16563.3	T10	811	16.05	2.97	16.05	2.97	0	0
16512.31	T10	811	15.94	3.04	15.94	3.04	0	0
16460.81	T10	811	15.86	2.95	15.86	2.95	0	0
16411.62	T10	811	15.70	3.17	15.70	3.17	0	0
16349.22	T10	811	15.28	3.76	15.28	3.76	0	0
16347.99		Bridge					0	0
16346.3	T10	811	15.28	3.72	15.28	3.72	0	0
16320.97	T10	811	15.35	2.90	15.35	2.90	0	0
16274.54	T10	811	15.42	2.14	15.42	2.14	0	0
16224.48	T10	811	15.29	2.45	15.29	2.45	0	0
16163.02	T10	811	15.23	2.31	15.23	2.31	0	0
16134.34	T10	811	15.18	2.36	15.18	2.36	0	0
16083.65	T10	811	15.14	2.07	15.14	2.07	0	0
16031.29	T10	811	15.09	2.01	15.09	2.01	0	0
16000.81	T10	811	14.99	2.30	14.99	2.30	0	0
15960.27	T10	811	14.96	2.23	14.96	2.23	0	0
15925.95	T10	811	14.91	2.31	14.91	2.31	0	0
15896.56	T10	811	14.92	2.11	14.92	2.11	0	0
15863.9	T10	811	14.91	2.01	14.91	2.01	0	0
15832.96	T10	811	14.92	1.83	14.92	1.83	0	0
15798.94	T10	811	14.90	1.82	14.90	1.82	0	0

15773	T10	811	14.90	1.69	14.90	1.69	0	0
15744.06	T10	811	14.89	1.71	14.89	1.71	0	0
15723.44	T10	811	14.84	1.89	14.84	1.89	0	0
15698.95	T10	811	14.78	2.12	14.78	2.12	0	0
15670.31	T10	811	14.78	2.10	14.78	2.10	0	0
15629.25	T10	811	14.72	2.22	14.72	2.22	0	0
15581.08	T10	811	14.68	2.27	14.68	2.27	0	0
15541.86	T10	811	14.42	2.95	14.42	2.95	0	0

			ACTUAL		FUTURA		DIFERENCIA	
	Periodo	Caudal	Cota	Velocidad	Cota	Velocidad	Cota	Velocidad
SECCION		(m ³ /s)	(m)	(m/s)	(m)	(m/s)	(m)	(m/s)
545.7	T100	6.5	19.90	1.57	19.87	1.64	-0.03	0.07
541.8		Bridge					0	0
505.706	T100	6.5	19.22	2.26	19.22	2.26	0	0
458.679	T100	6.5	18.46	1.54	18.46	1.54	0	0
435.279	T100	6.5	17.97	2.42	17.97	2.42	0	0
415.79	T100	6.5	16.96	2.39	16.96	2.39	0	0
395.461	T100	6.5	16.42	1.01	16.42	1.01	0	0
375.242	T100	6.5	16.43	0.56	16.43	0.56	0	0
355.242	T100	6.5	16.43	0.49	16.42	0.49	-0.01	0
348.28		Bridge					0	0
337.683	T100	6.5	16.42	0.46	16.42	0.46	0	0
315.921	T100	6.5	16.42	0.41	16.42	0.41	0	0
16563.3	T100	1132	17.11	3.19	17.11	3.19	0	0
16512.31	T100	1132	16.98	3.3	16.98	3.30	0	0
16460.81	T100	1132	16.89	3.29	16.89	3.29	0	0
16411.62	T100	1132	16.72	3.5	16.72	3.50	0	0
16349.22	T100	1132	16.13	4.35	16.13	4.35	0	0
16347.99		Bridge					0	0
16346.3	T100	1132	16.13	4.29	16.13	4.30	0	0.01
16320.97	T100	1132	16.29	3.16	16.29	3.16	0	0
16274.54	T100	1132	16.39	2.33	16.39	2.33	0	0
16224.48	T100	1132	16.24	2.66	16.24	2.66	0	0
16163.02	T100	1132	16.23	2.33	16.23	2.35	0	0.02
16134.34	T100	1132	16.24	2.02	16.24	2.02	0	0
16083.65	T100	1132	16.21	1.84	16.21	1.84	0	0
16031.29	T100	1132	16.16	1.82	16.16	1.82	0	0
16000.81	T100	1132	16.1	1.98	16.10	1.98	0	0
15960.27	T100	1132	16.07	1.98	16.07	1.98	0	0
15925.95	T100	1132	16.03	2.05	16.03	2.05	0	0
15896.56	T100	1132	16.01	1.99	16.01	1.99	0	0
15863.9	T100	1132	16	1.94	16.00	1.94	0	0
15832.96	T100	1132	16.01	1.85	16.01	1.85	0	0

15798.94	T100	1132	15.99	1.86	15.99	1.86	0	0
15773	T100	1132	15.99	1.77	15.99	1.77	0	0
15744.06	T100	1132	15.96	1.87	15.96	1.87	0	0
15723.44	T100	1132	15.89	2.15	15.89	2.15	0	0
15698.95	T100	1132	15.79	2.48	15.79	2.48	0	0
15670.31	T100	1132	15.8	2.38	15.80	2.38	0	0
15629.25	T100	1132	15.73	2.54	15.73	2.54	0	0
15581.08	T100	1132	15.71	2.53	15.71	2.53	0	0
15541.86	T100	1132	15.33	3.44	15.33	3.44	0	0

			ACTUAL		FUTURA		DIFERENCIA	
	Periodo	Caudal	Cota	Velocidad	Cota	Velocidad	Cota	Velocidad
SECCION		(m3/s)	(m)	(m/s)	(m)	(m/s)	(m)	(m/s)
545.7	T500	10.33	20.11	1.87	20.16	1.96	0.05	0.09
541.8		Bridge						
505.706	T500	10.33	19.41	2.64	19.41	2.64	0	0
458.679	T500	10.33	18.74	1.8	18.74	1.80	0	0
435.279	T500	10.33	18.19	2.82	18.19	2.82	0	0
415.79	T500	10.33	18	1.35	18.00	1.35	0	0
395.461	T500	10.33	18.03	0.71	18.02	0.71	-0.01	0
375.242	T500	10.33	18.03	0.52	18.03	0.52	0	0
355.242	T500	10.33	18.03	0.47	18.02	0.47	-0.01	0
348.28		Bridge						
337.683	T500	10.33	18.02	0.43	18.02	0.43	0	0
315.921	T500	10.33	18.02	0.31	18.02	0.31	0	0
16563.3	T500	1691	18.67	3.13	18.67	3.13	0	0
16512.31	T500	1691	18.54	3.33	18.54	3.33	0	0
16460.81	T500	1691	18.42	3.43	18.43	3.43	0.01	0
16411.62	T500	1691	18.25	3.68	18.25	3.68	0	0
16349.22	T500	1691	17.29	5.09	17.30	5.09	0.01	0
16347.99		Bridge						
16346.3	T500	1691	17.29	5.02	17.30	5.02	0.01	0
16320.97	T500	1691	17.57	3.46	17.58	3.46	0.01	0
16274.54	T500	1691	17.69	2.64	17.69	2.64	0	0
16224.48	T500	1691	17.62	2.7	17.62	2.70	0	0
16163.02	T500	1691	17.64	2.22	17.64	2.26	0	0.04
16134.34	T500	1691	17.62	1.88	17.61	1.89	-0.01	0.01
16083.65	T500	1691	17.58	1.82	17.58	1.82	0	0
16031.29	T500	1691	17.55	1.78	17.55	1.78	0	0
16000.81	T500	1691	17.52	1.85	17.52	1.85	0	0
15960.27	T500	1691	17.48	1.87	17.48	1.87	0	0
15925.95	T500	1691	17.45	1.95	17.45	1.95	0	0
15896.56	T500	1691	17.43	1.93	17.43	1.93	0	0

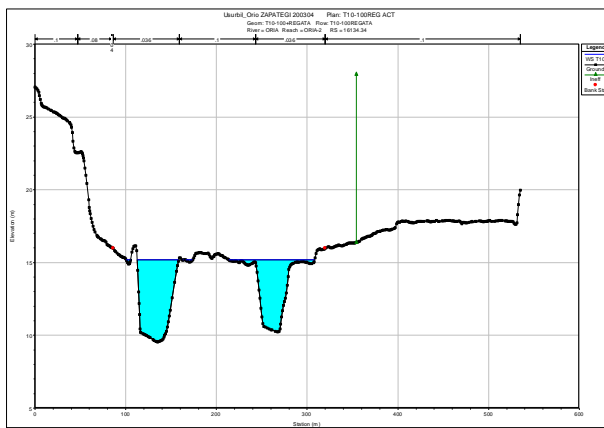
USURBILGO A-78 (TE) ZAPATEGI EREMUAREN 03 ARAU SUBSIDIARIOREN ALDAKETA PUNTUALEREN EGITASMOA
PROYECTO 03 MODIFICACION PUNTUAL DE LAS NORMAS SUBSIDIARIAS DE USURBIL PARA EL A-78 (TE) ZAPATEGI.

15863.9	T500	1691	17.43	1.88	17.43	1.88	0	0
15832.96	T500	1691	17.43	1.84	17.43	1.84	0	0
15798.94	T500	1691	17.41	1.9	17.41	1.90	0	0
15773	T500	1691	17.4	1.89	17.40	1.89	0	0
15744.06	T500	1691	17.35	2.09	17.35	2.09	0	0
15723.44	T500	1691	17.24	2.49	17.24	2.49	0	0
15698.95	T500	1691	17.07	3	17.07	3.00	0	0
15670.31	T500	1691	17.09	2.84	17.09	2.84	0	0
15629.25	T500	1691	17.02	2.99	17.02	2.99	0	0
15581.08	T500	1691	17.04	2.83	17.04	2.83	0	0
15541.86	T500	1691	16.64	3.8	16.64	3.80	0	0

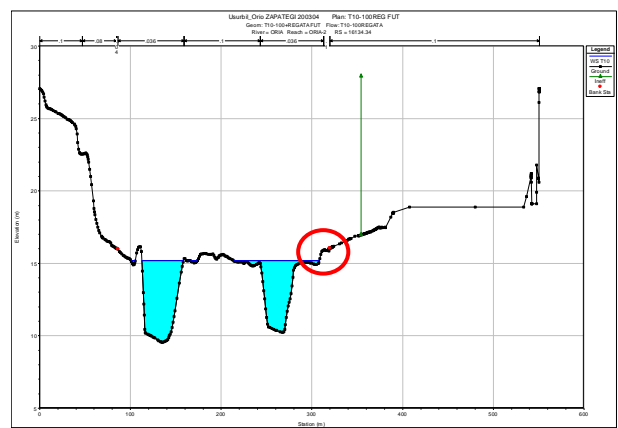
7.- CONCLUSION

Analizada la posición de la futura área A-78 (TE) ZAPATEGI con respecto a las manchas, se aprecia que la zona baja (zona sur-oeste) de la parcela se encuentra afectada por la mancha de inundación de la avenida de 10 años, sin llegar a afectar ni los viales ni al bidegorri. En esta zona del ámbito se prevé un adecentamiento de la zona con una limpieza de los elementos precarios que puedan existir.

La mancha de inundación futura de 10 años no se modifica con respecto a la actual. Se muestran a continuación la sección transversal ST16134 en la que se puede observar que la cota de la lámina de agua no varía y no llega a afectar el vial existente:

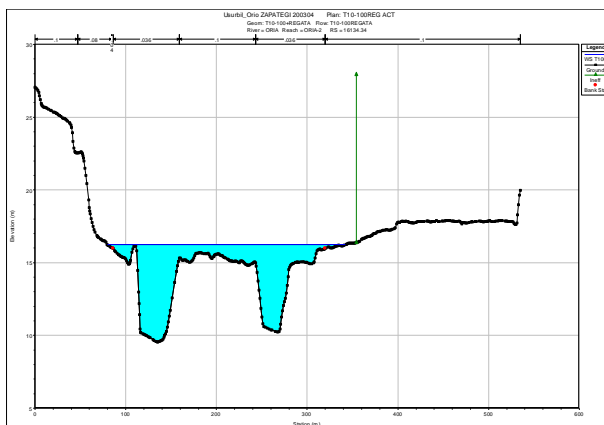


Situación actual en ST 16134 para 10 años

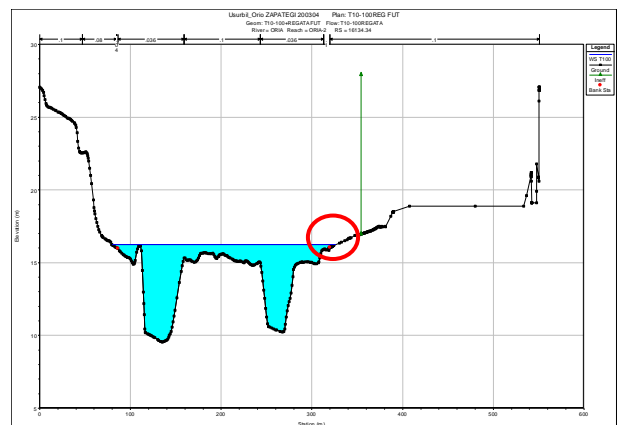


Situación futura en ST 16134 para 10 años

Para la avenida del periodo de retorno de 100 años, la mancha de inundación llega a afectar el vial con la rotonda y bidegorri, en la zona sur-oeste de la parcela, situándose la cota de la lámina de agua en 16,39 m, pero sin llegar a afectar la parcela de la futura área A-78 (TE) ZAPATEGI, situándose ésta a la cota 18,50 m.



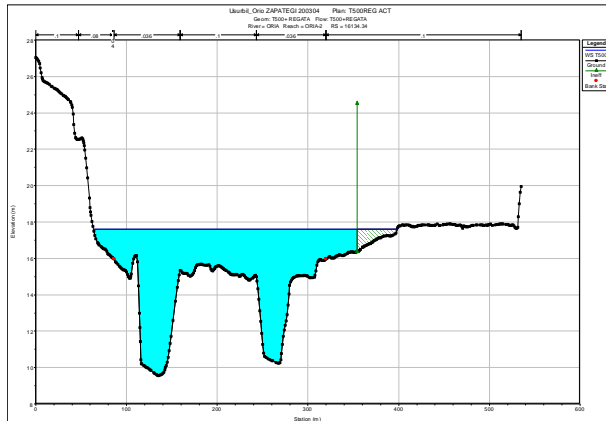
Situación actual en ST 16134 para 100 años



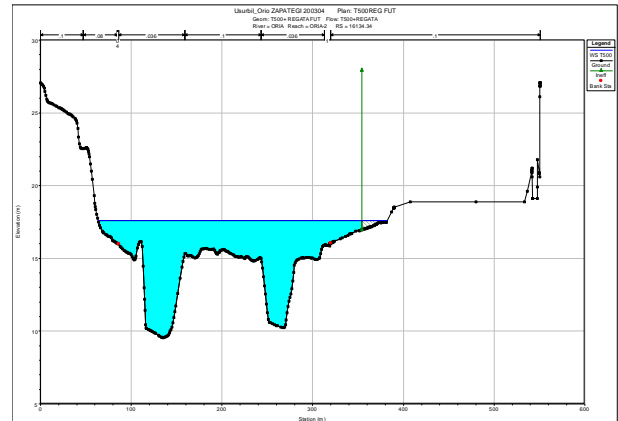
Situación futura en ST 16134 para 100 años

USURBILGO A-78 (TE) ZAPATEGI EREMUAREN 03 ARAU SUBSIDIARIOREN ALDAKETA PUNTUALEREN EGITASMOA
PROYECTO 03 MODIFICACION PUNTUAL DE LAS NORMAS SUBSIDIARIAS DE USURBIL PARA EL A-78 (TE) ZAPATEGI.

Para la avenida del periodo de retorno de 500 años, la mancha de inundación bordea el muro perimetral proyectado en la futura parcela de ZAPATEGI en su zona este, la cota de la lámina de agua llega hasta los 17.65 m, pero no llega a afectar la parcela de la futura área A-78 (TE) ZAPATEGI, ya que se encuentra más de un metro por encima de la avenida de 500 años.



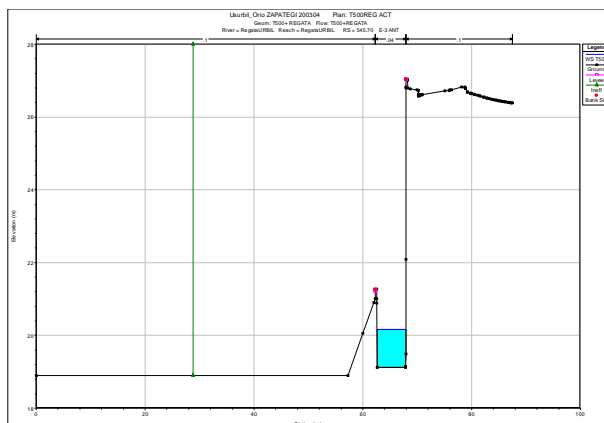
Situación actual en ST 16134 para 500 años



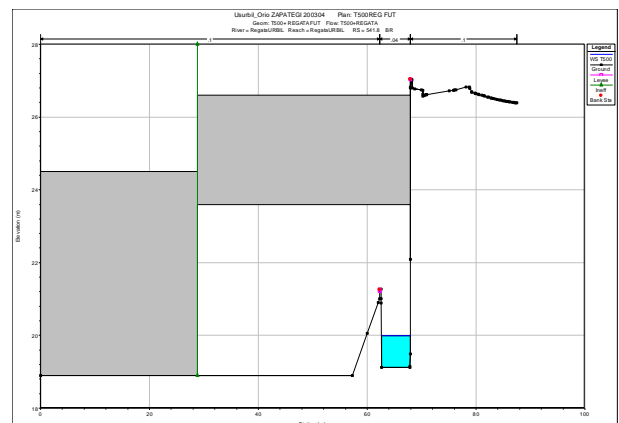
Situación futura en ST 16134 para 500 años

Por otro, se comprueba que la futura parcela no produce sobreelevaciones ni aumento de velocidades para las avenidas de 10 y 100 años en las zonas anexas a la parcela. Se comprueba también que para la avenida extraordinaria de 500 años tampoco produce sobreelevaciones ni aumento de velocidades.

Se comprueba también que la pasarela proyectada sobre la regata existente no afecta a la avenida de 500 años, no se producen ni sobreelevaciones por la implantación de la misma.

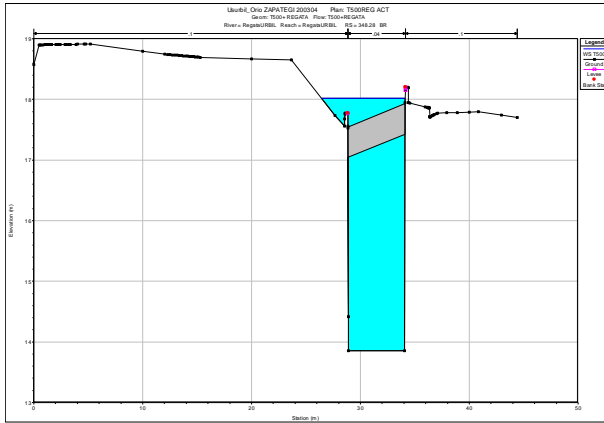


Situación actual en ST 545.70 para 500 años

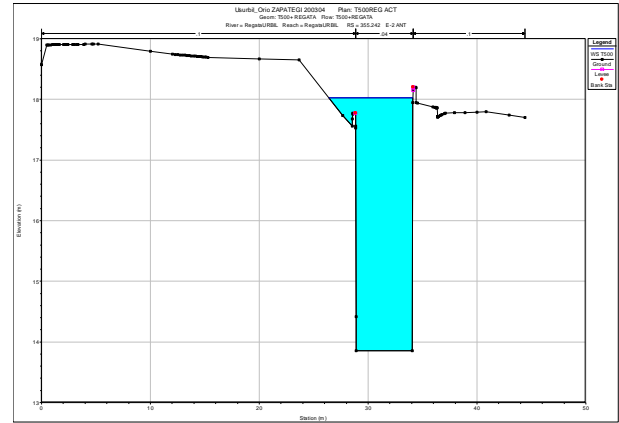


Situación futura en ST 545.70 para 500 años

Para la regeneración de la regata Urbil, se opta por la eliminación de la pasarela existente, la cota de la lámina de agua se mantiene ya que está condicionada por la avenida de 500 años del río Oria:



Situación actual en ST 347 para 500 años



Situación futura en ST 348 para 500 años

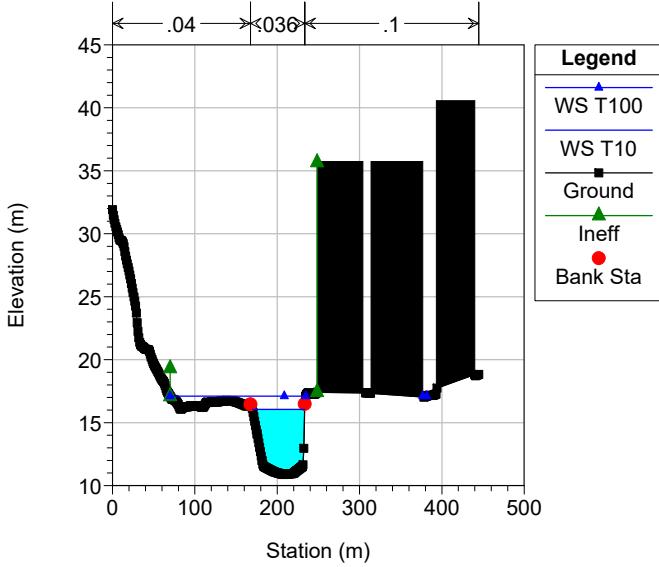
Por tanto, se puede concluir que:

- La plataforma de la urbanización del ámbito de ZAPATEGI queda fuera del área inundable para el periodo de retorno de 500 años.
- No produce sobreelevaciones ni aumento de velocidades en las zonas anexas a la parcela.
- Los viales de acceso y el bidegorrri proyectados se proyectan fuera de la zona de flujo preferente.
- Se elimina la pasarela actual existente sobre la regata Urbil para la regeneración fluvial de la misma.

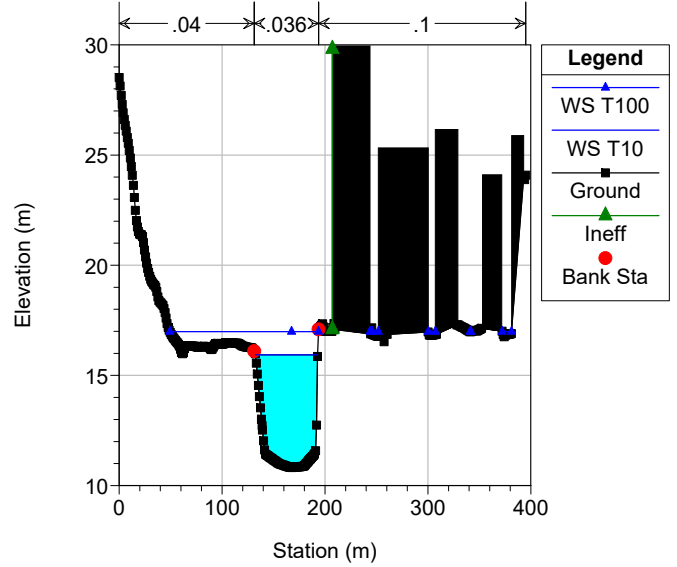
Donostia- San Sebastián, a 09 de noviembre de 2021.

8.- SECCIONES TRANSVERSALES ESTADO ACTUAL

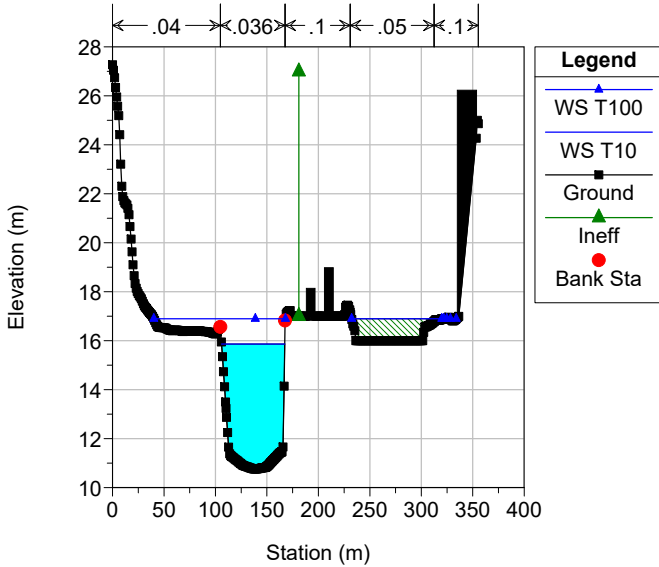
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16563.30



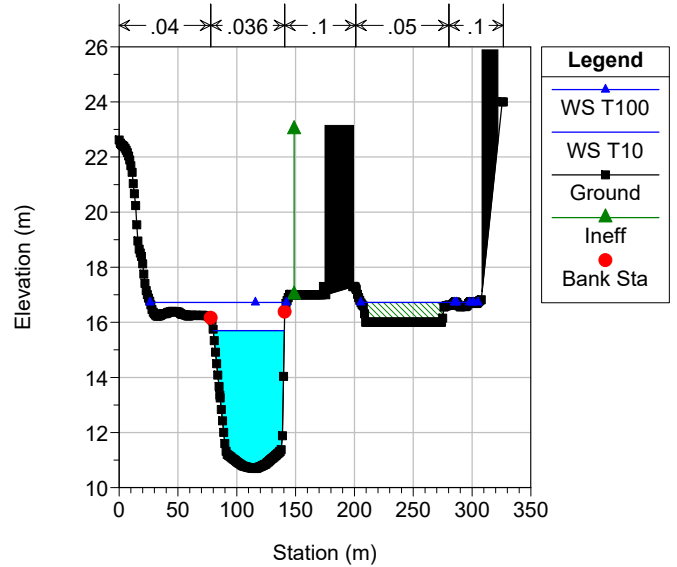
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
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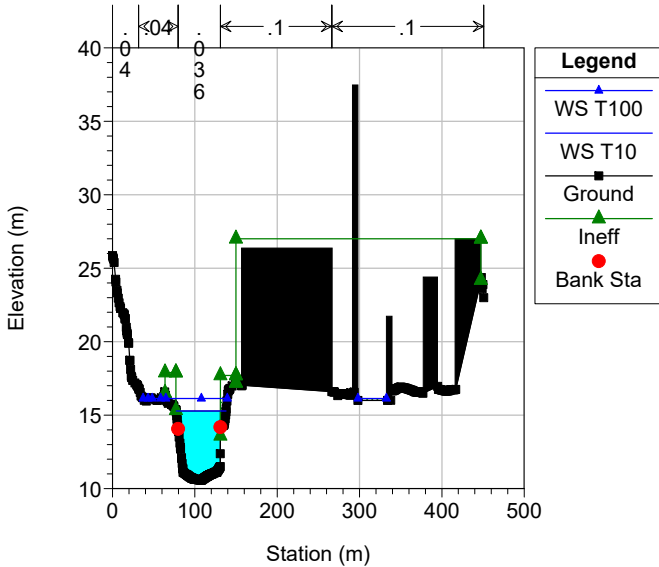
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16460.81



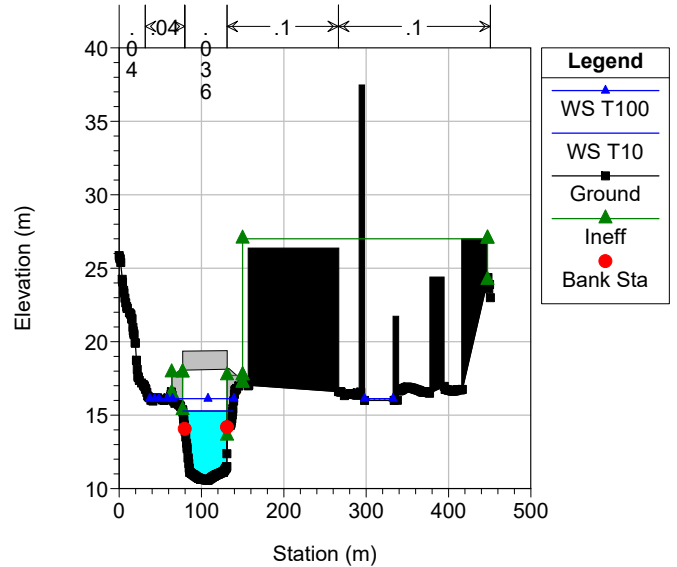
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16411.62



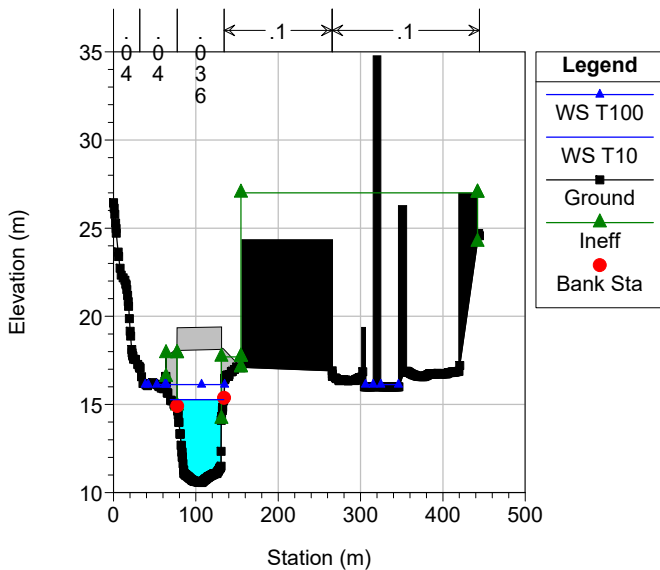
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16349.22



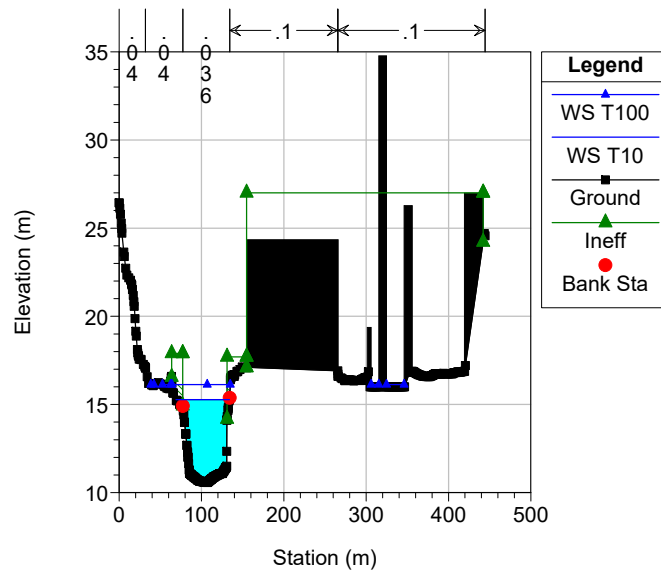
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 Geom: T10-100+REGATA Flow: T10-100REGATA
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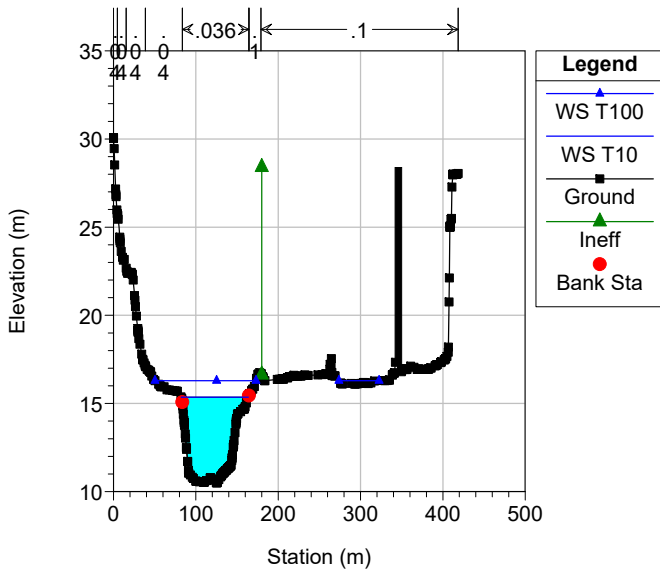
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16347.99 BR E107



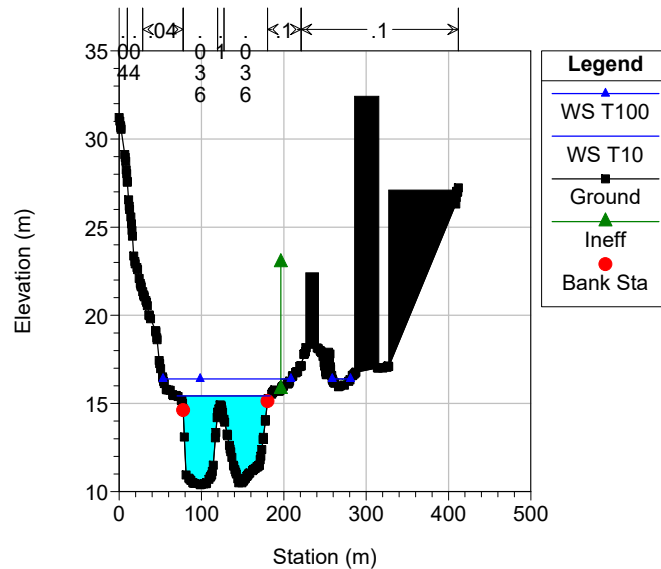
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16346.30



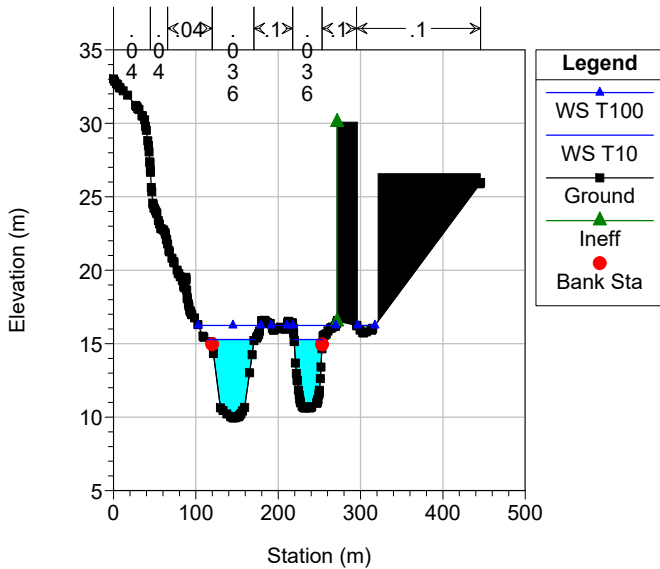
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16320.97



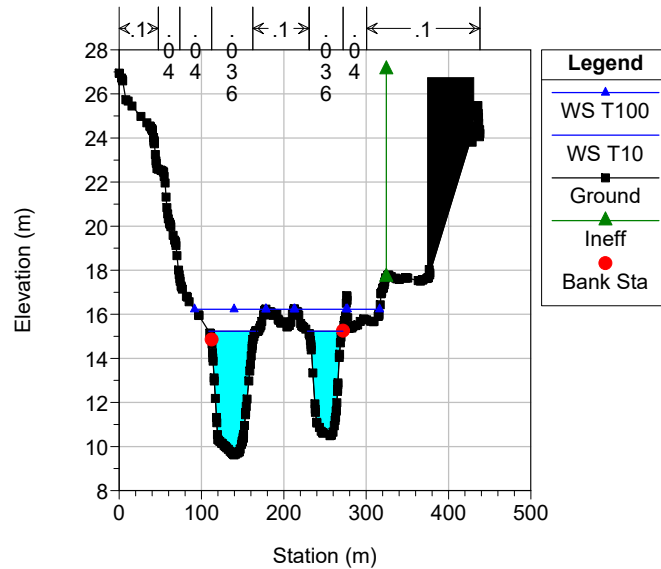
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16274.54



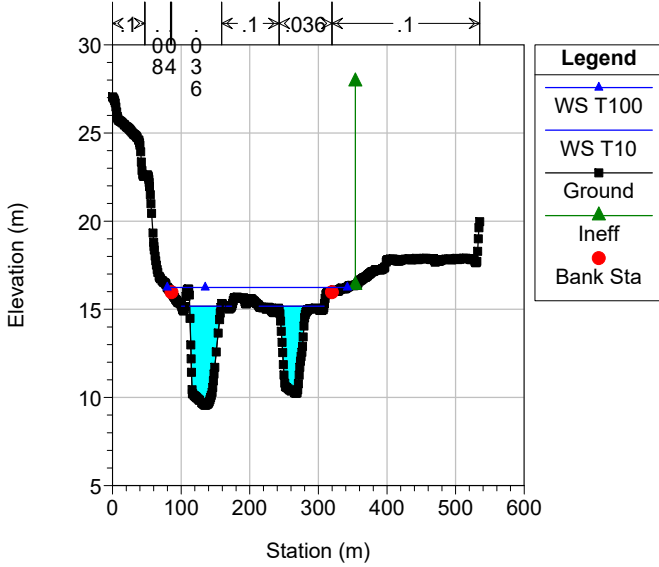
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 Geom: T10-100+REGATA Flow: T10-100REGATA
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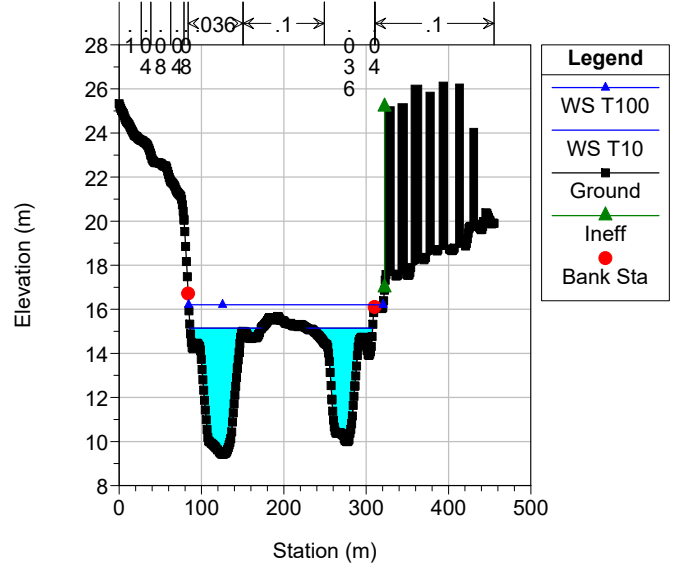
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16163.02



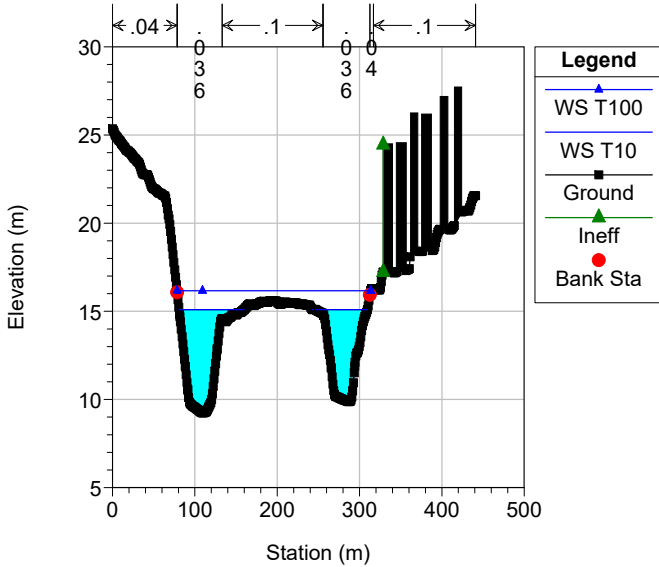
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16134.34



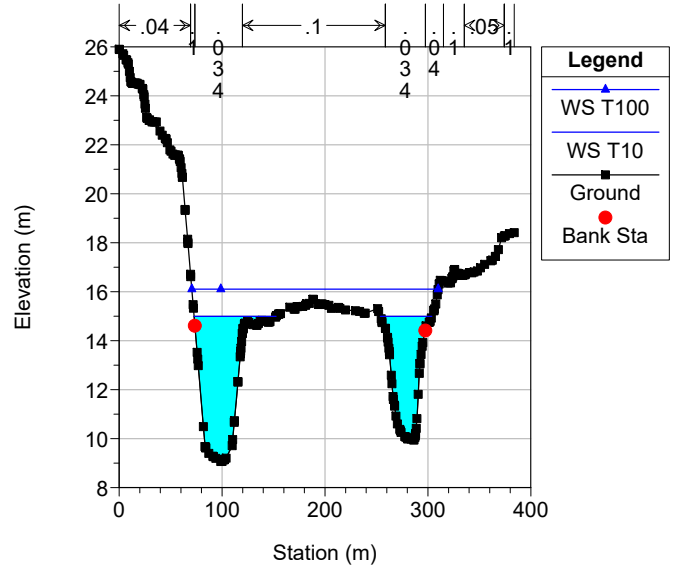
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 16083.65



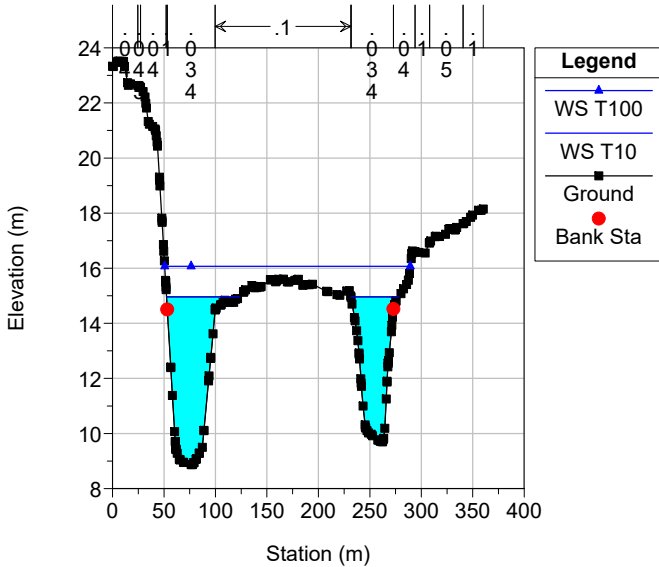
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 16031.29



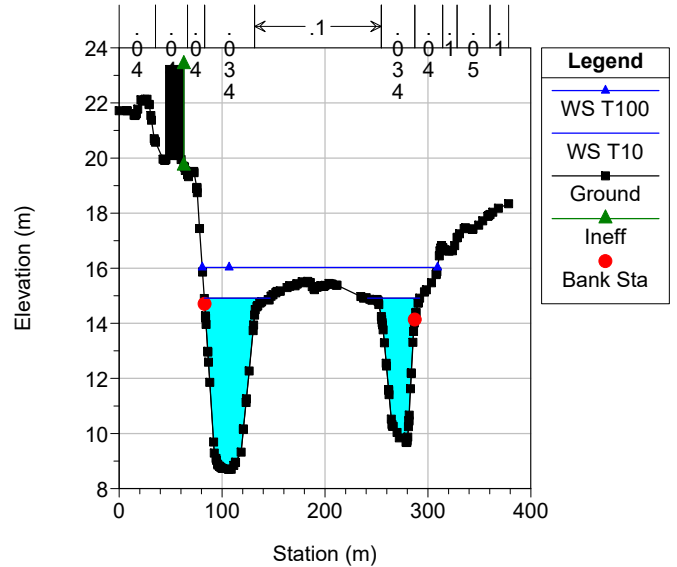
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 16000.81



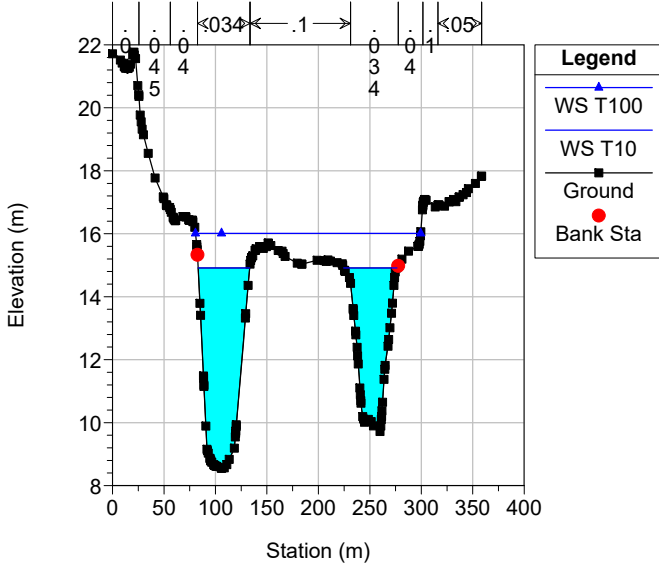
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15960.27



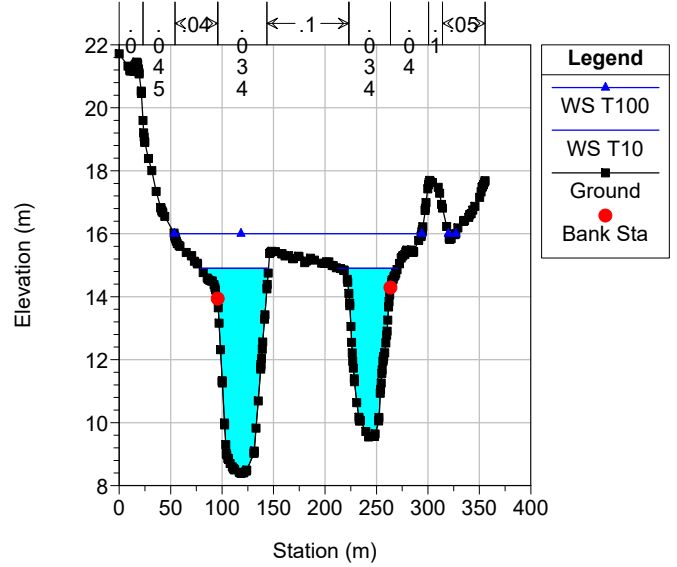
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15925.95



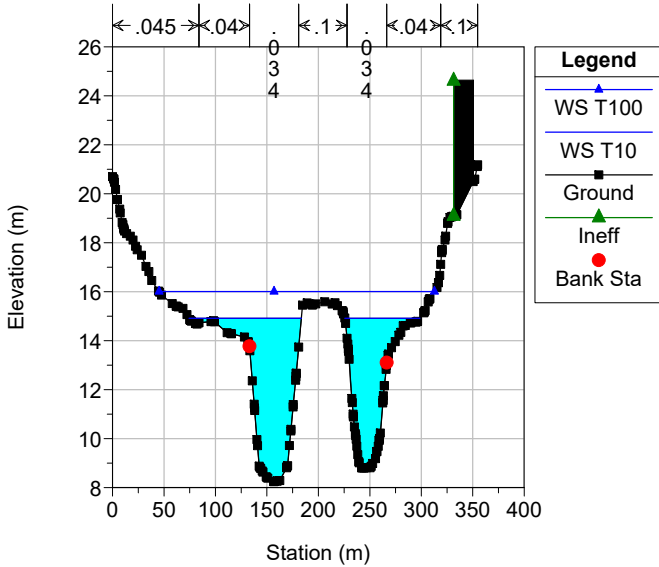
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15896.56



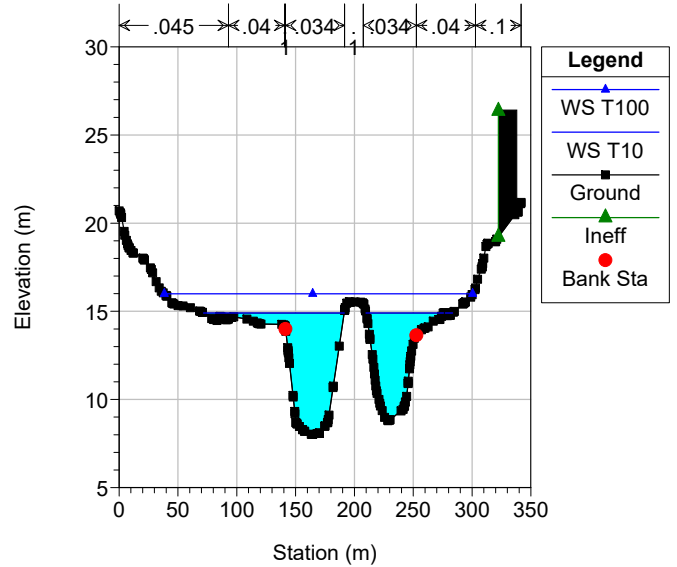
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15863.90



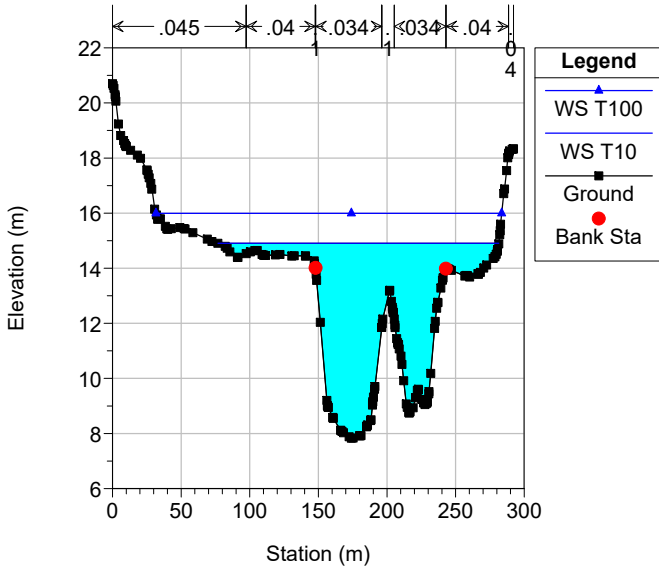
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 Geom: T10-100+REGATA Flow: T10-100REGATA
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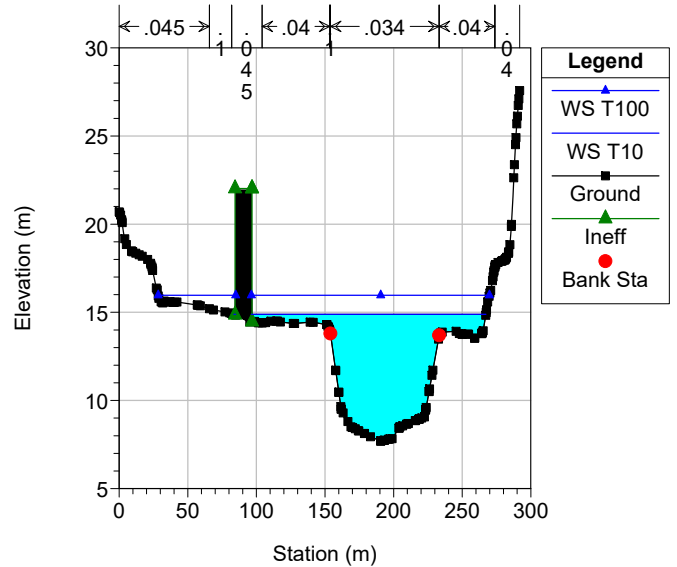
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15798.94



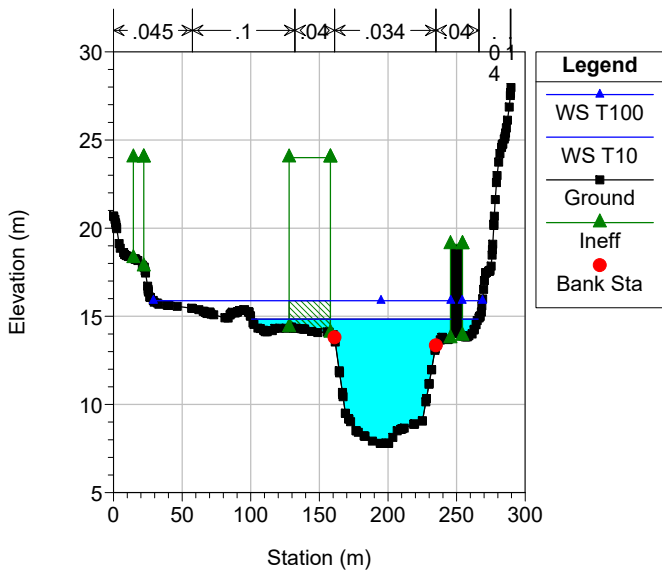
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15773.00



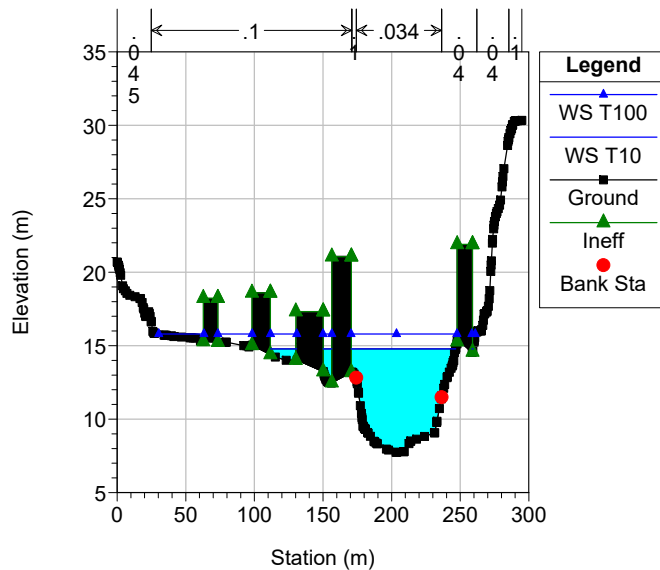
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15744.06



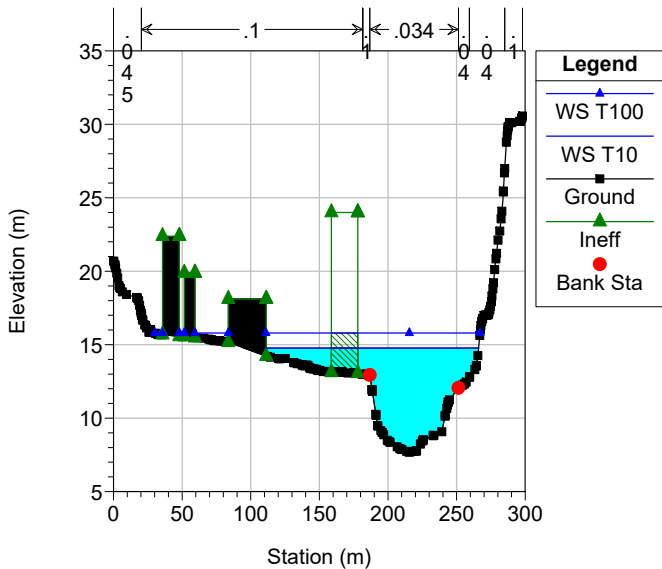
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15723.44



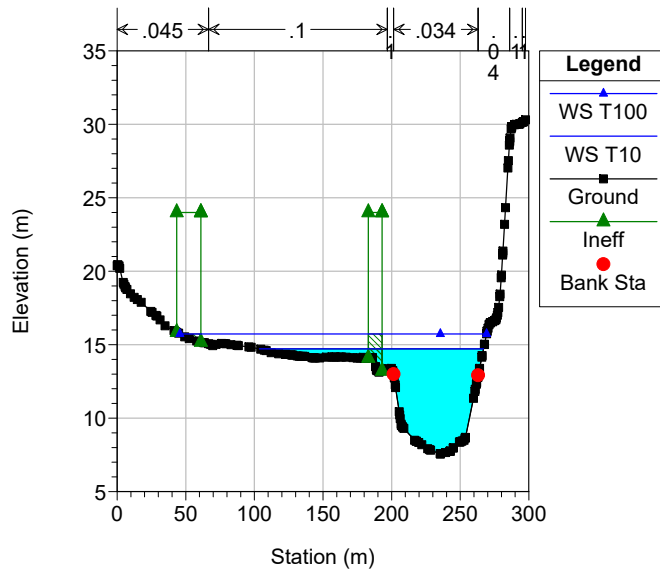
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15698.95



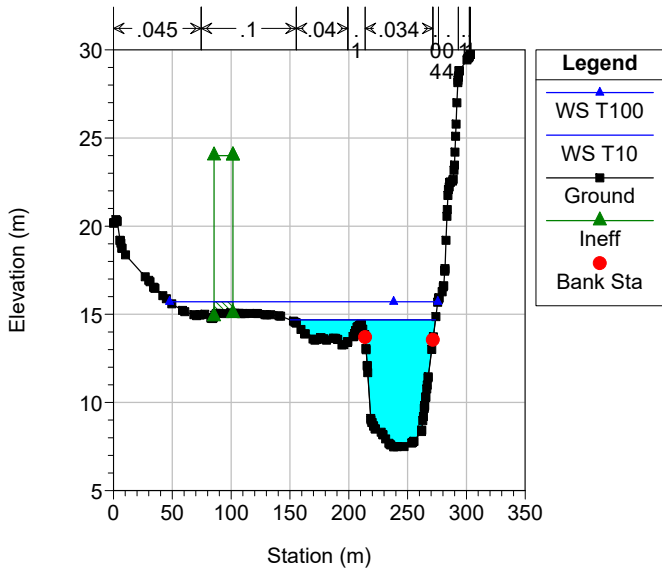
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15670.31



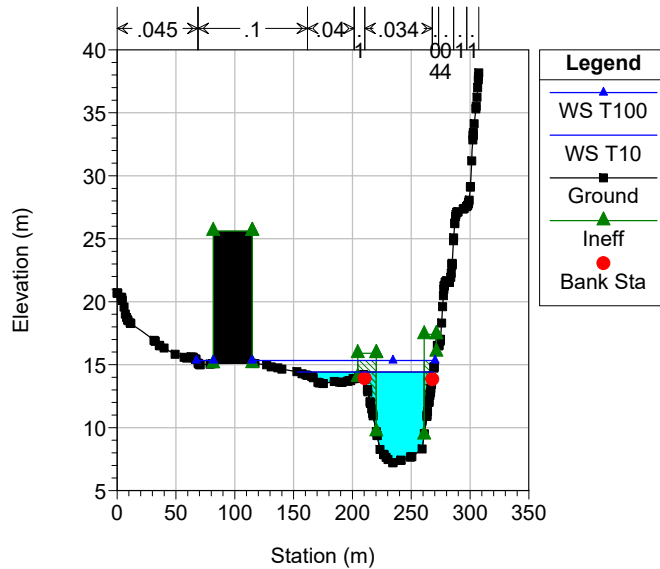
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 Geom: T10-100+REGATA Flow: T10-100REGATA
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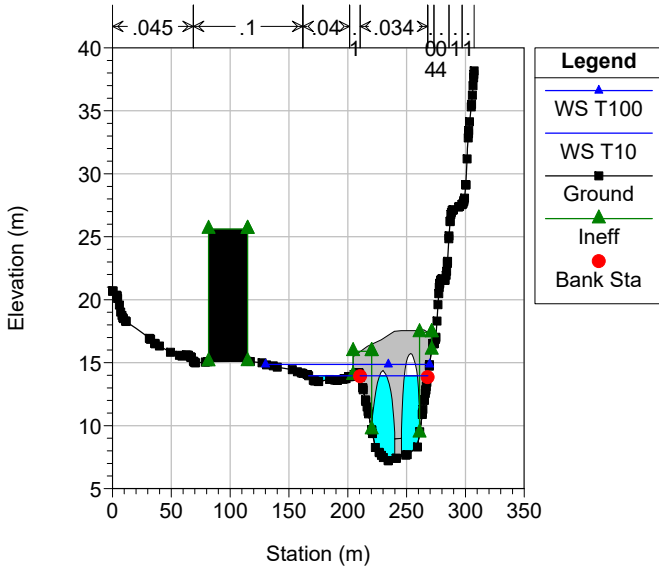
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 Geom: T10-100+REGATA Flow: T10-100REGATA
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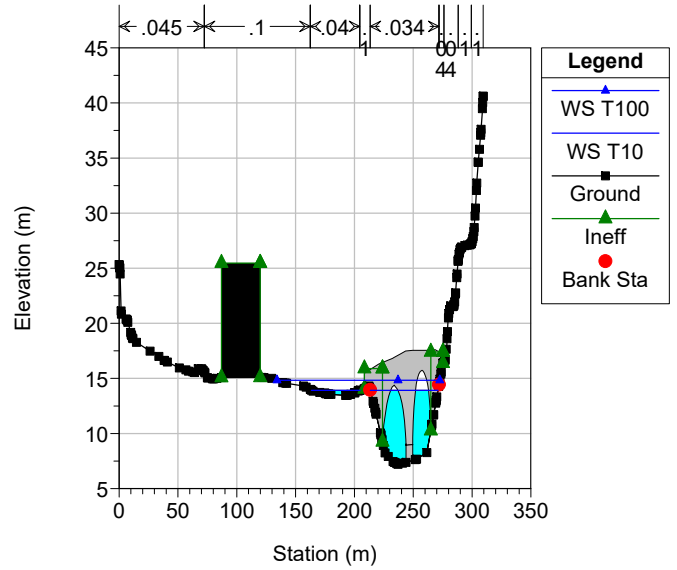
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15541.86



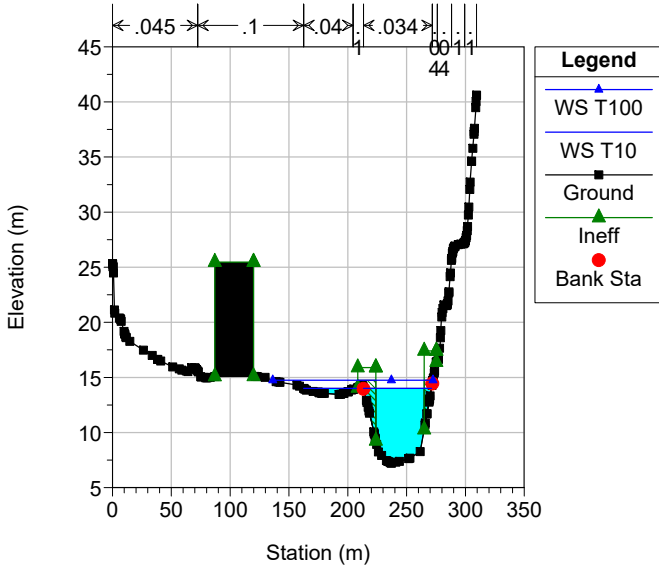
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 15535.32 MO



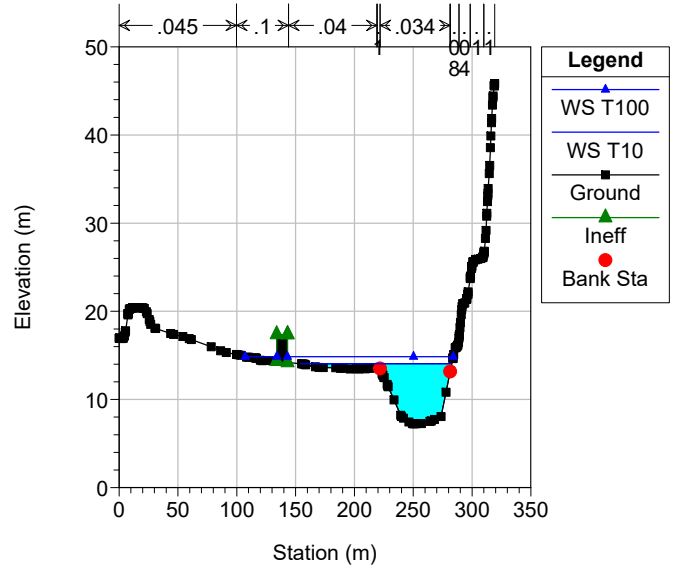
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 15535.32 MO



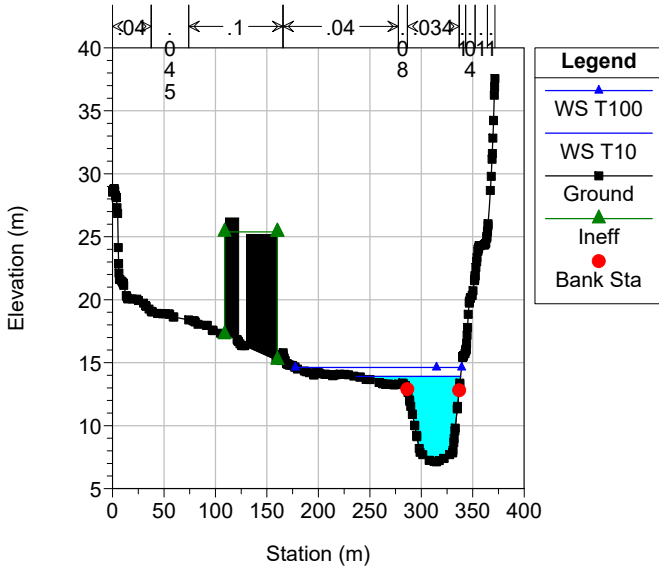
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Geom: T10-100+REGATA Flow: T10-100REGATA
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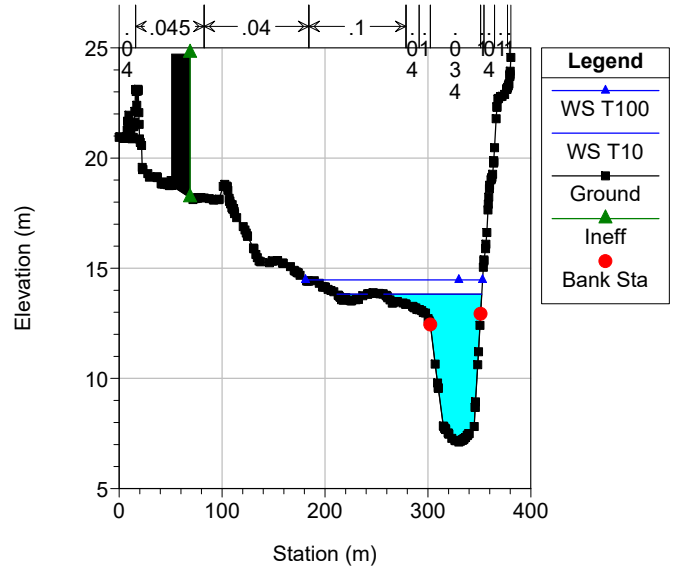
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 15499.05



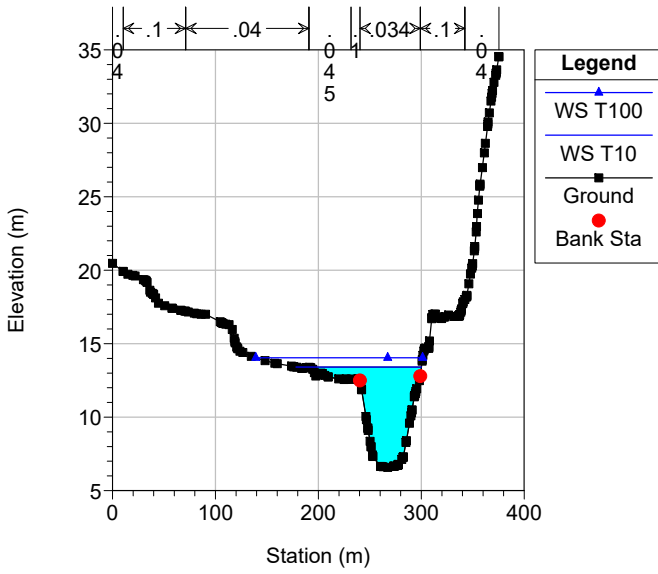
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 15459.37



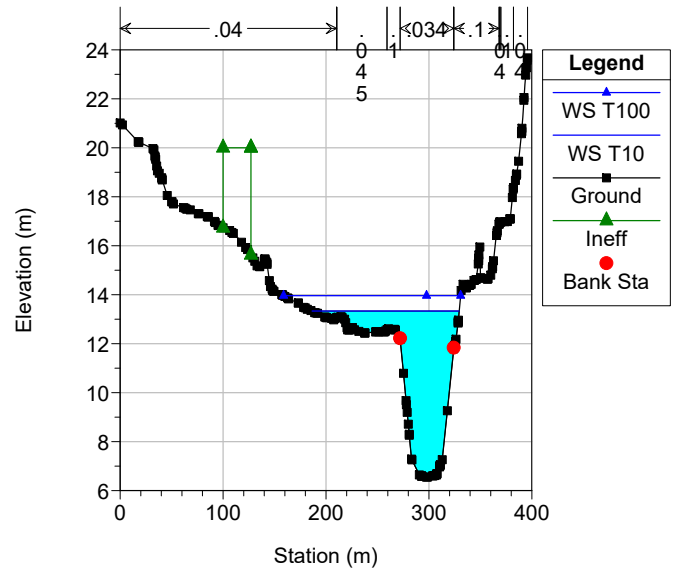
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 15421.29



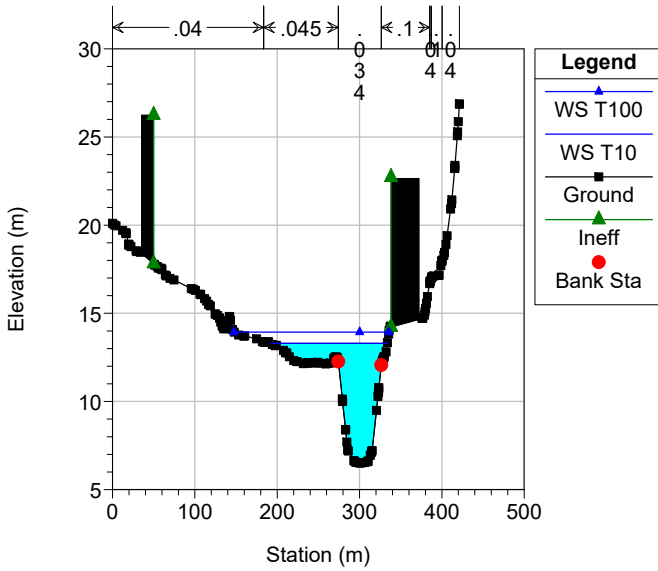
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 15072.87



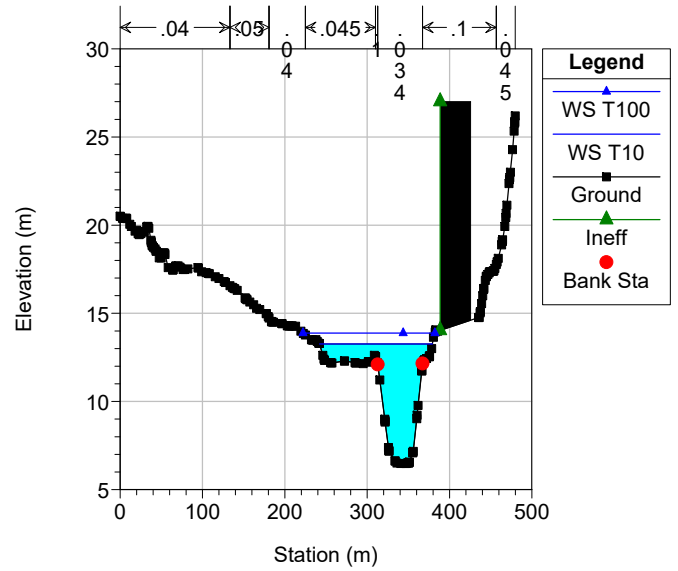
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 15021.28



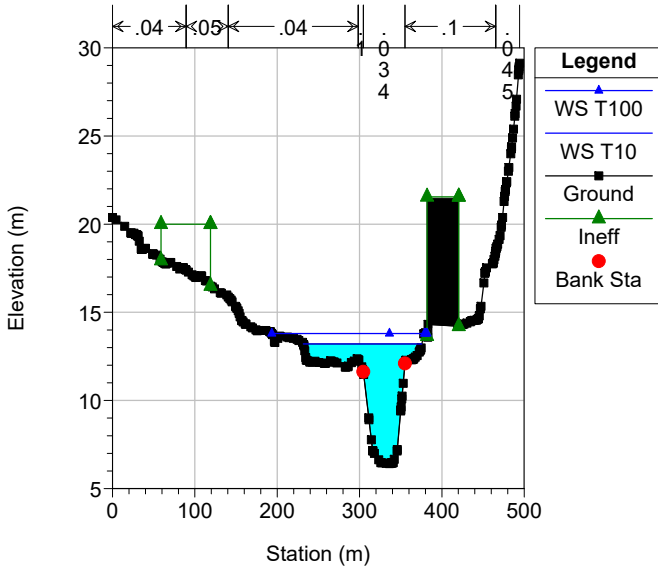
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 14970.36



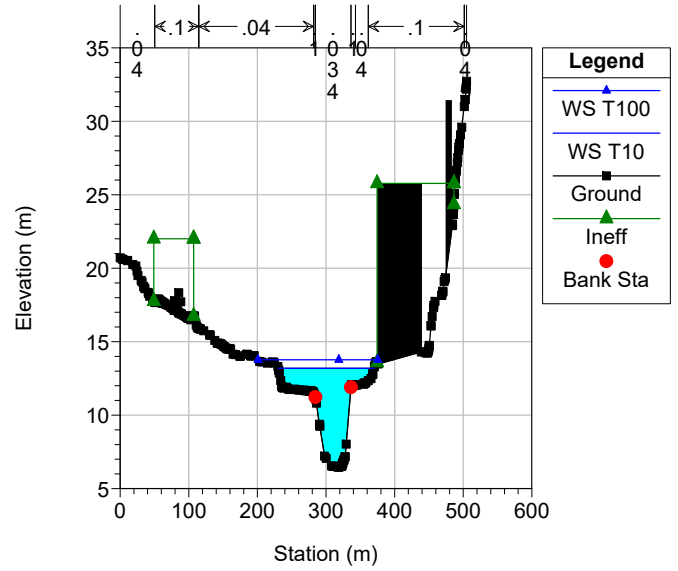
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 14922.00



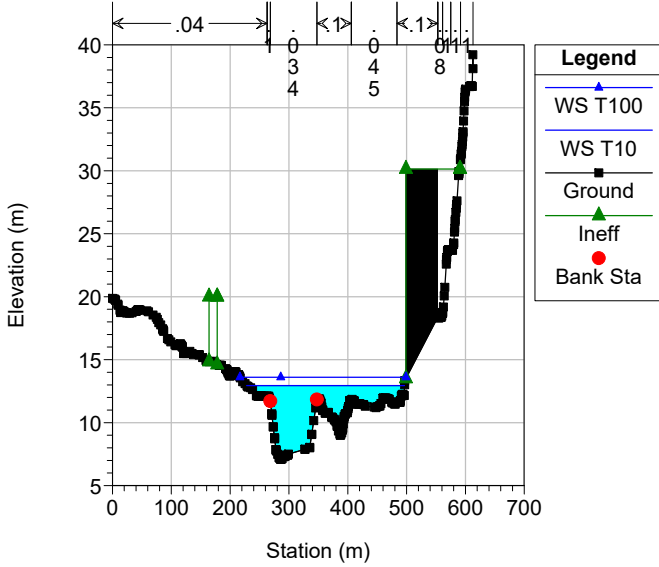
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 14873.26



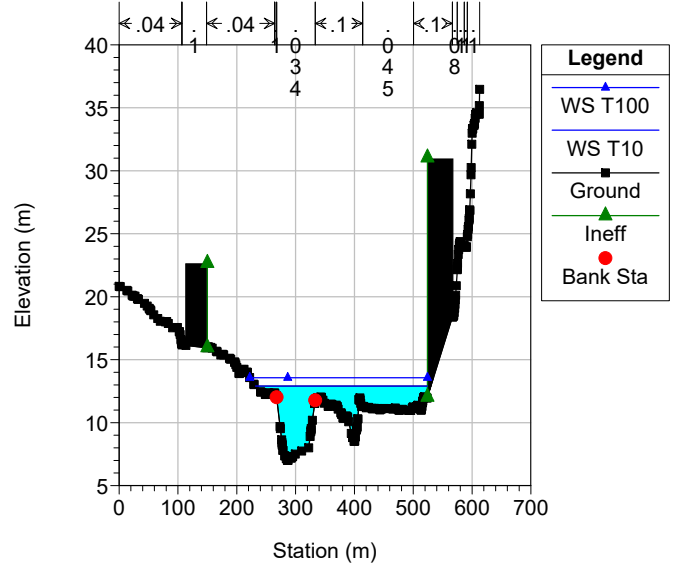
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 14823.96



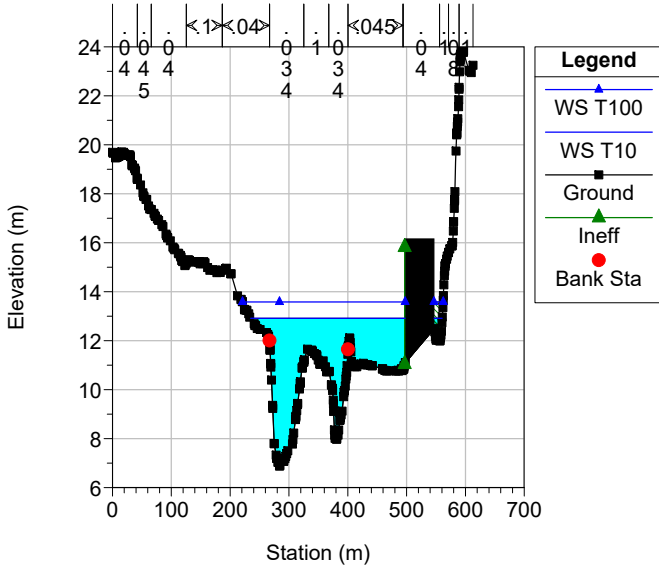
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14449.37



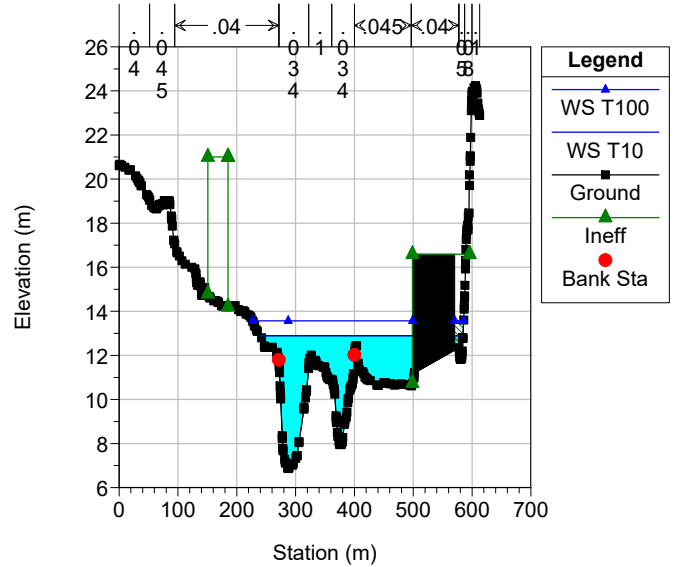
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14399.30



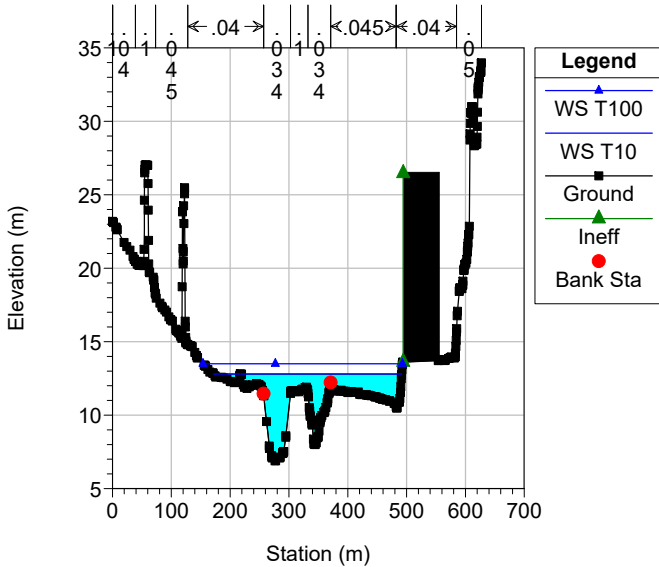
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14349.13



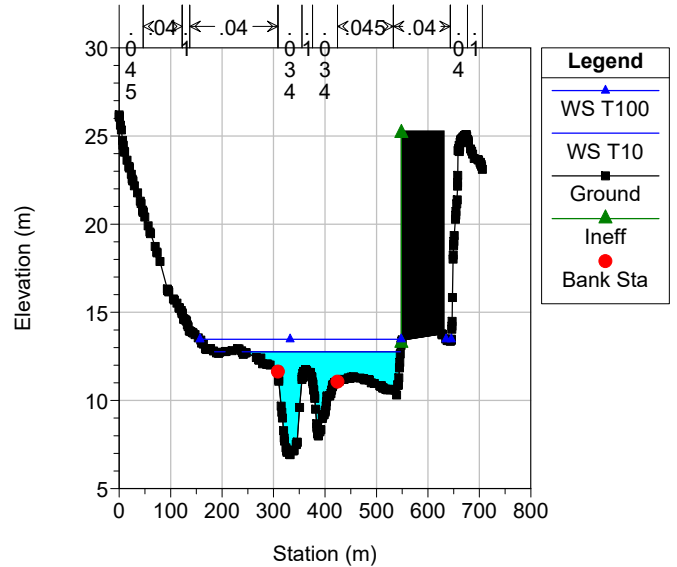
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14328.20



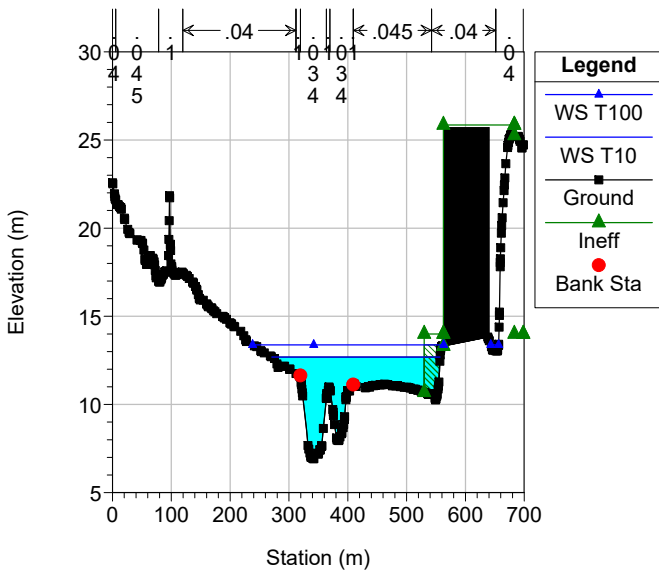
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14248.94



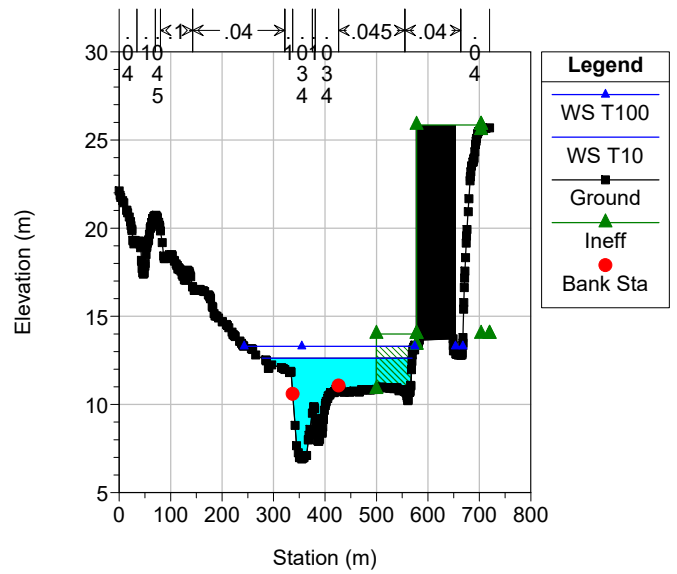
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14171.25



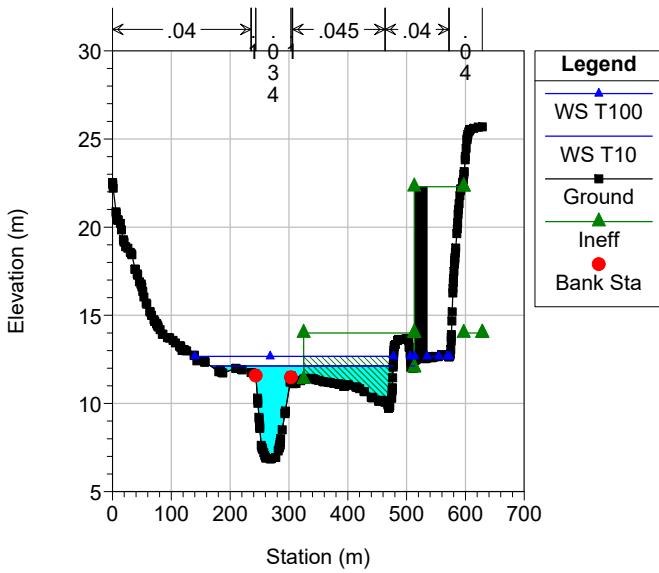
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14107.97



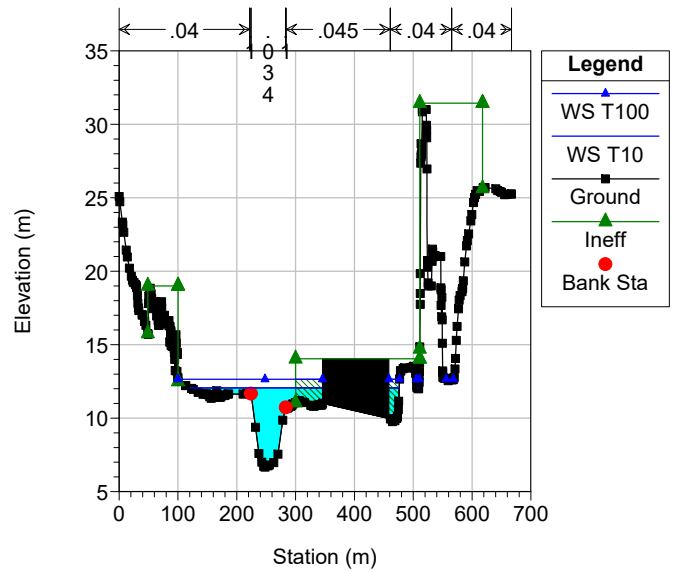
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14074.51



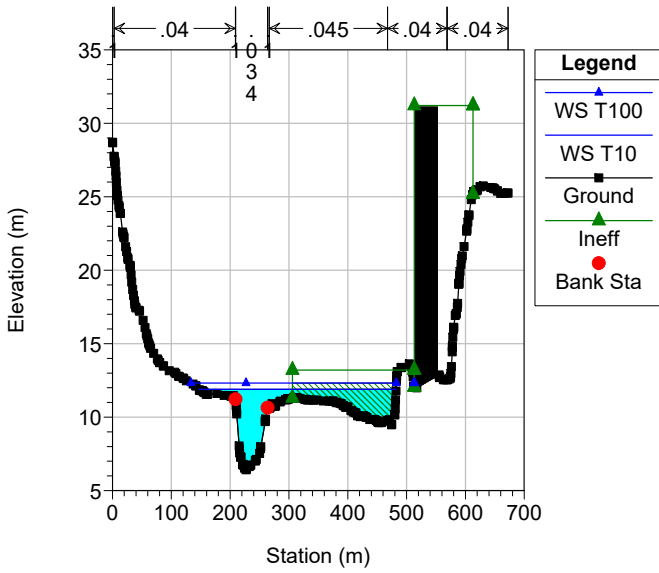
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14013.92



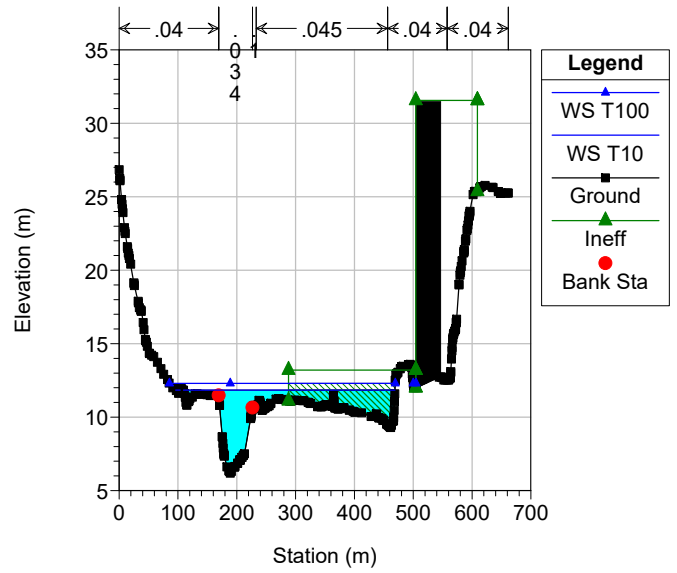
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13965.17



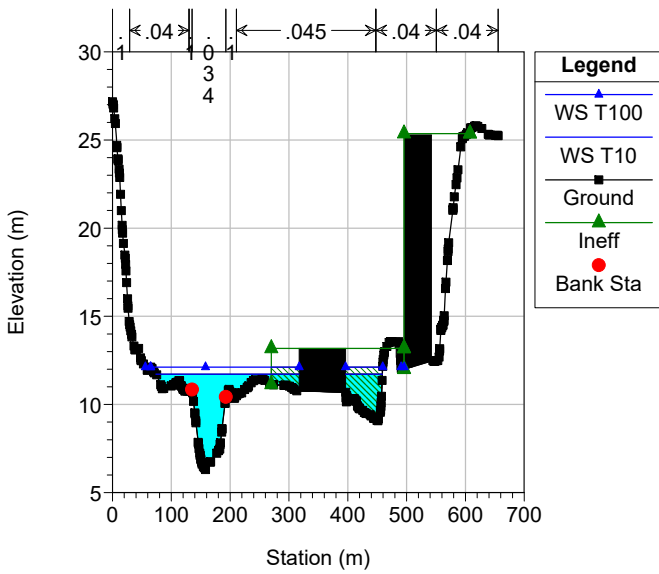
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13910.59



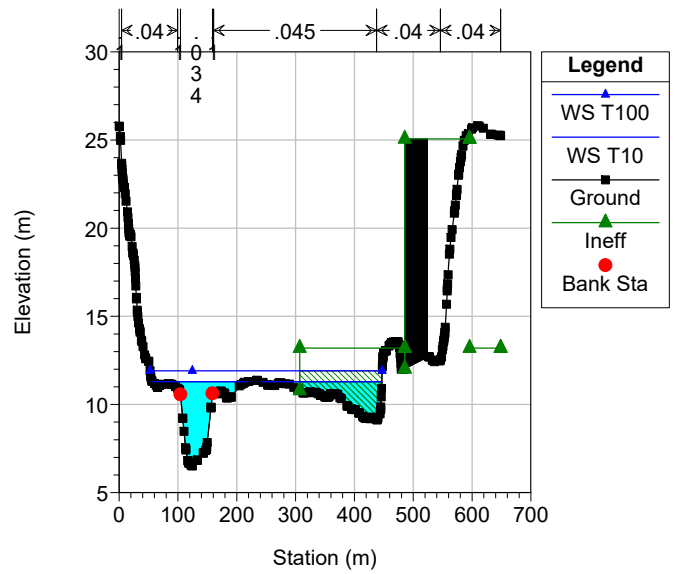
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13858.97



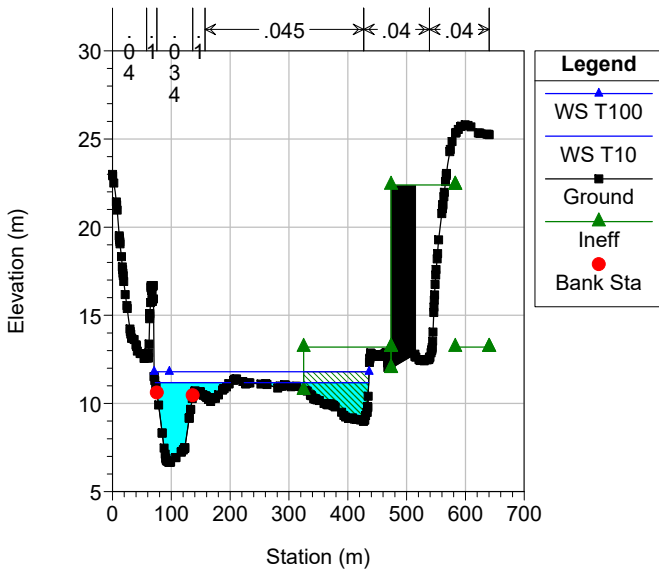
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13796.84



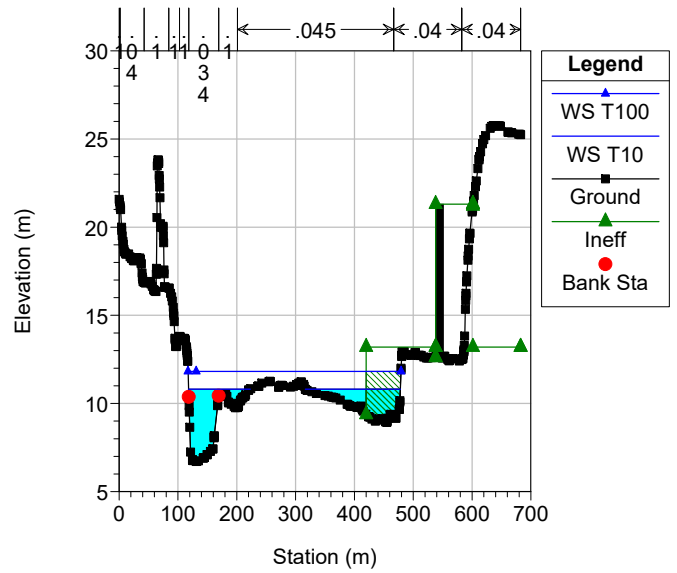
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13740.79



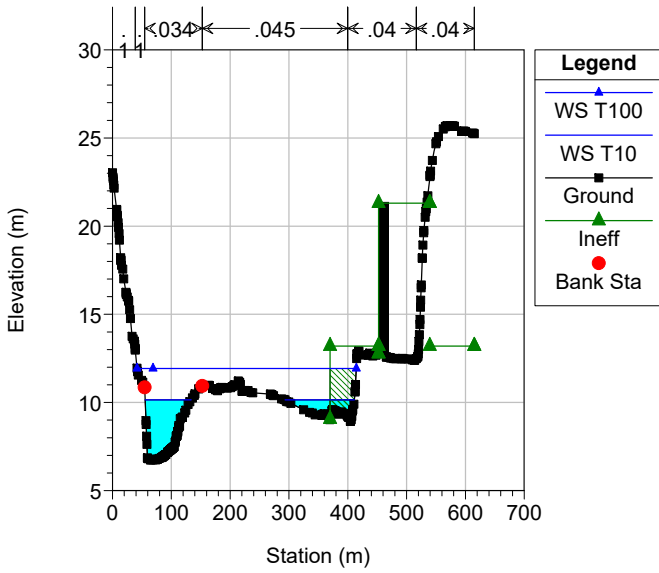
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13697.46



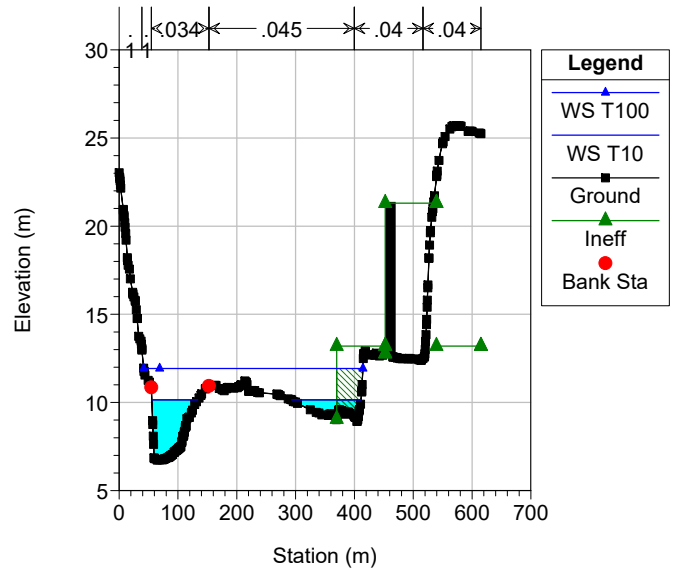
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13637.55



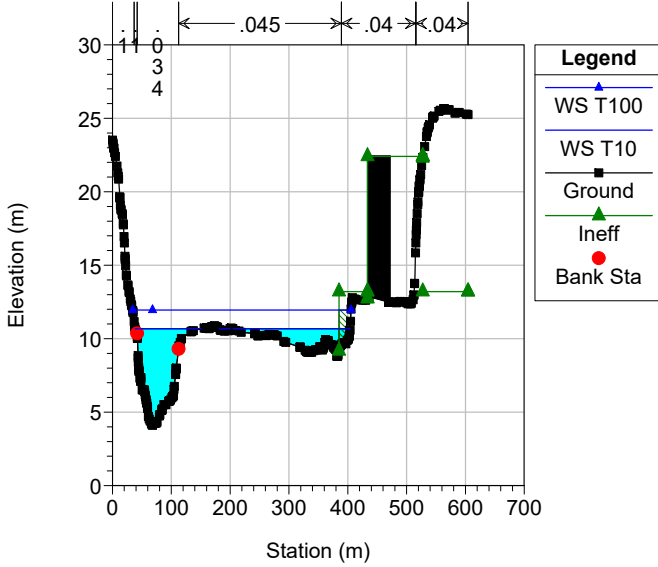
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13579.41



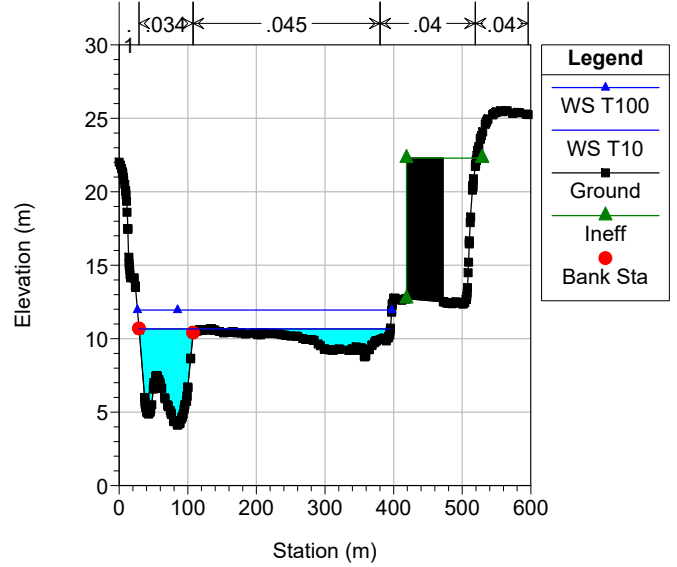
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13576.50 IS E109



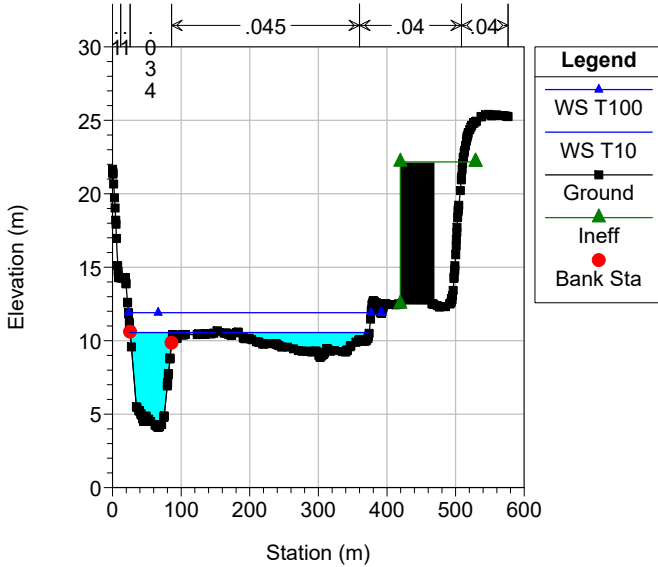
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 13545.21



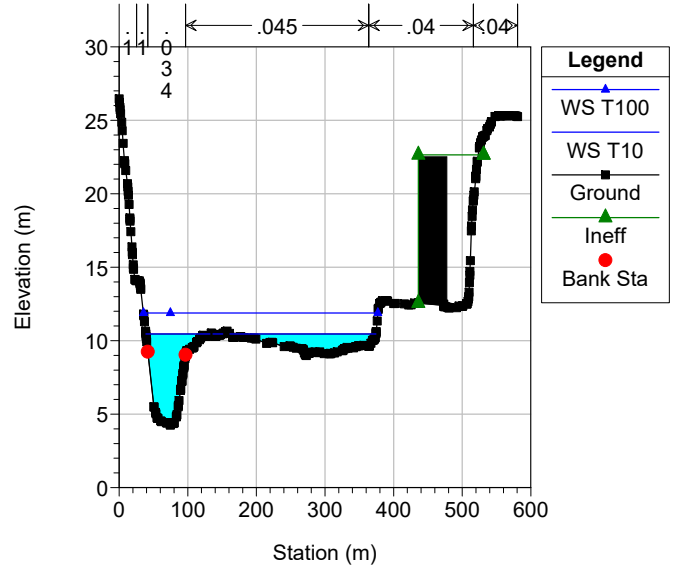
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 13506.84



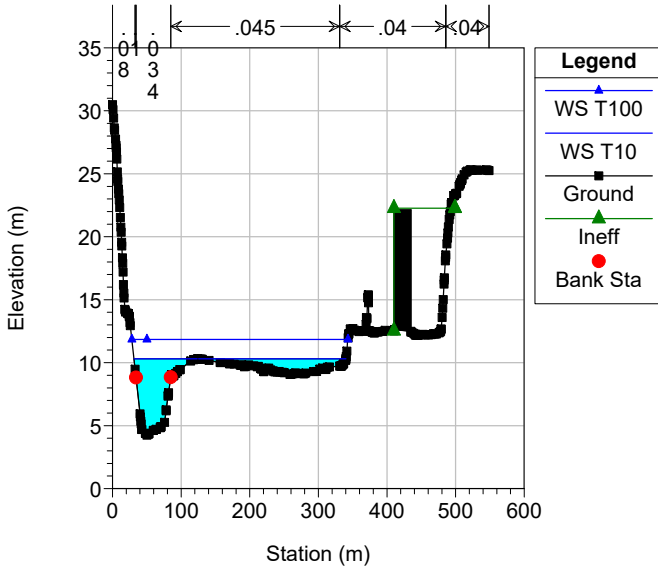
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 13440.63



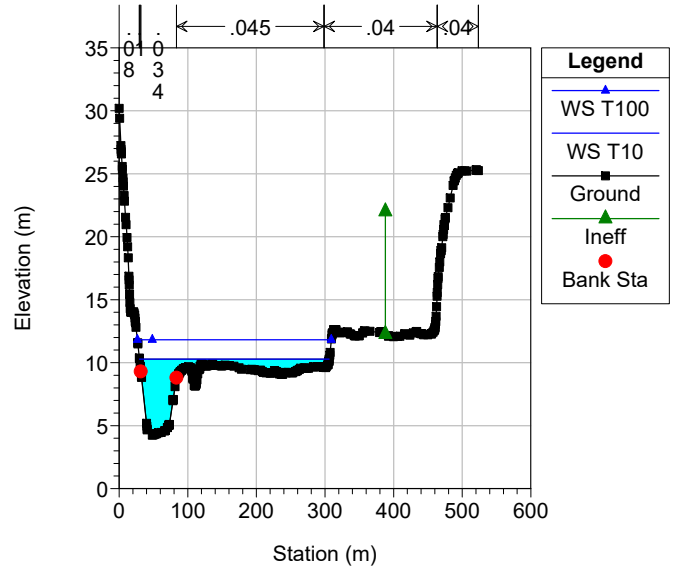
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 13396.47



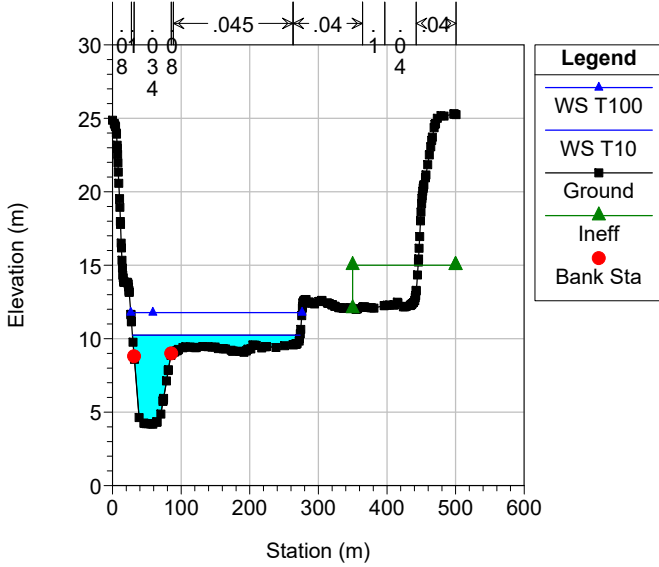
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 13325.25



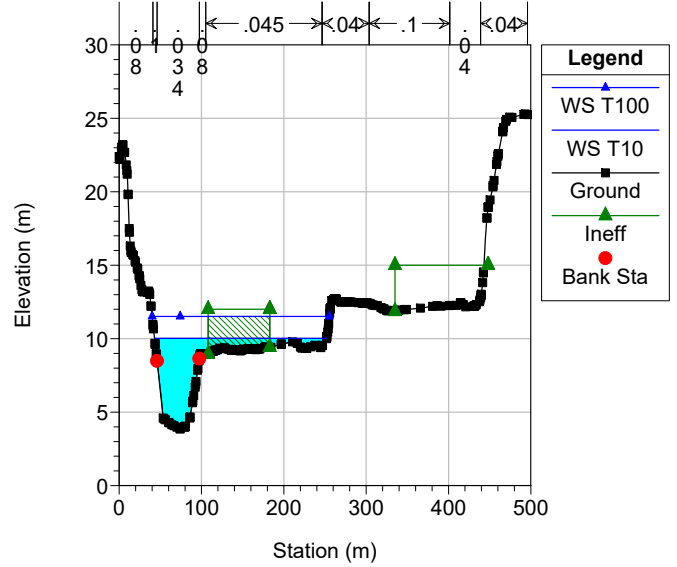
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 13287.46



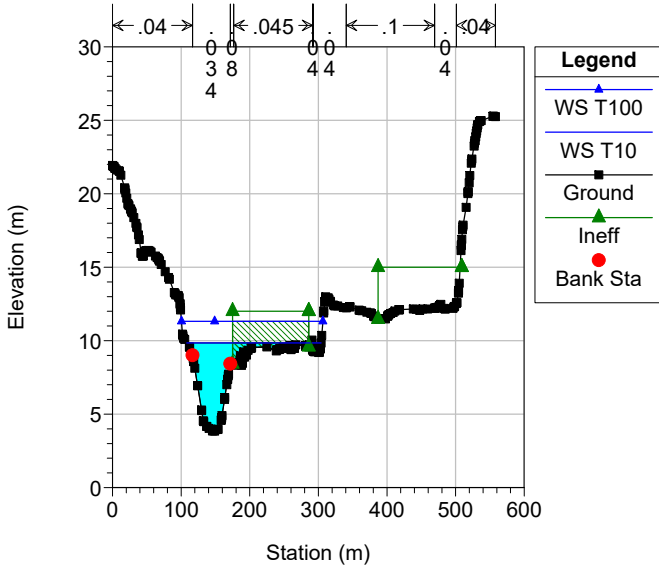
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13242.87



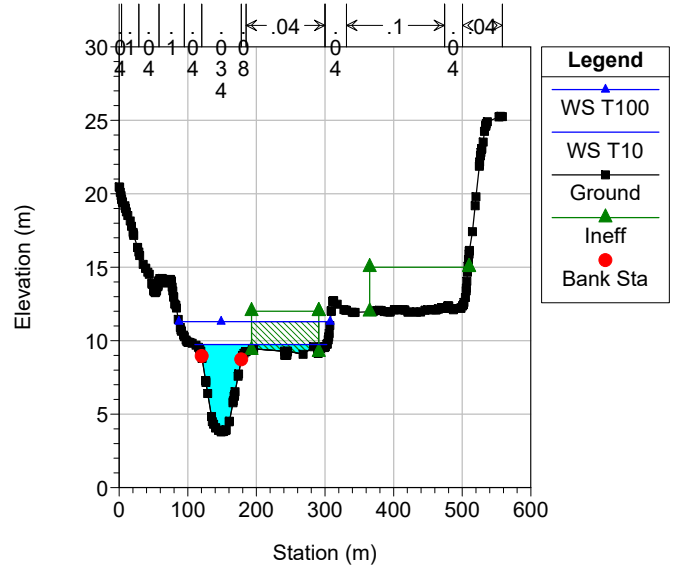
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13191.41



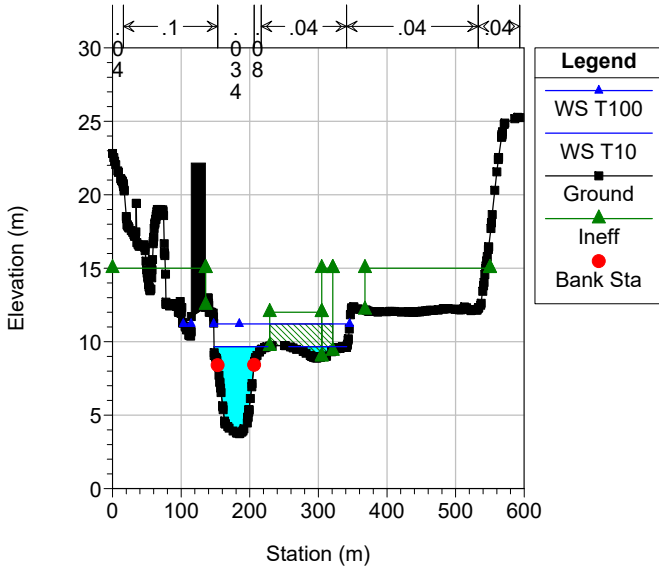
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13137.97



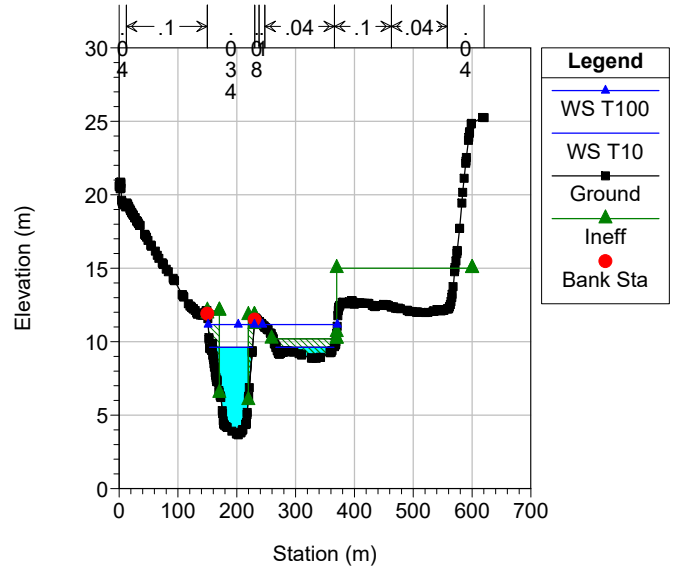
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13080.05



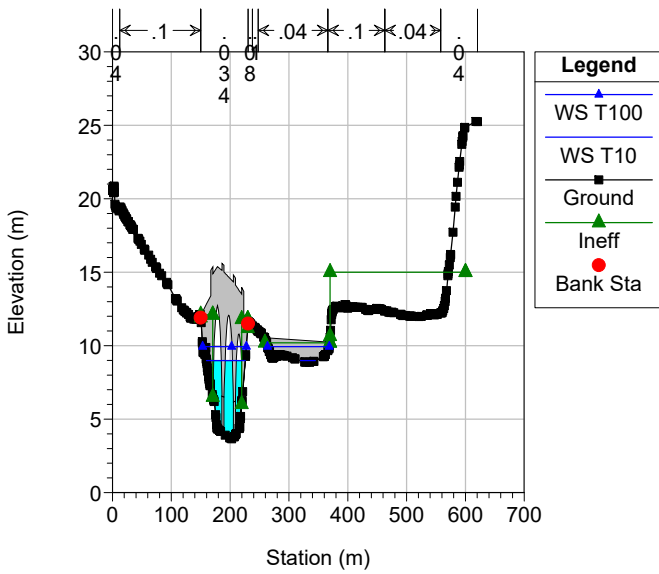
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13026.78



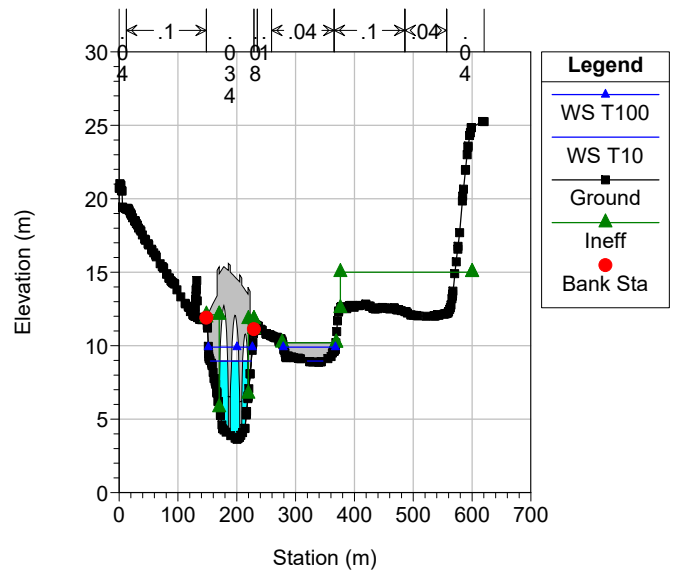
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12981.51



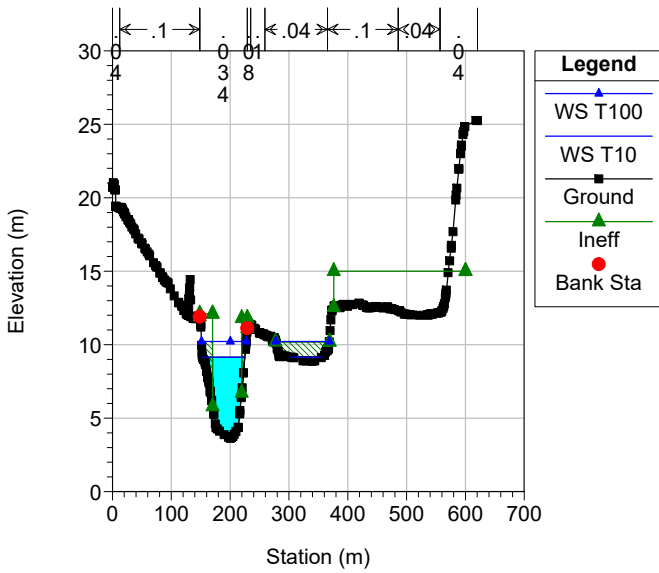
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 River = ORIA Reach = ORIA-2REGATA RS = 12977.95 BR E110



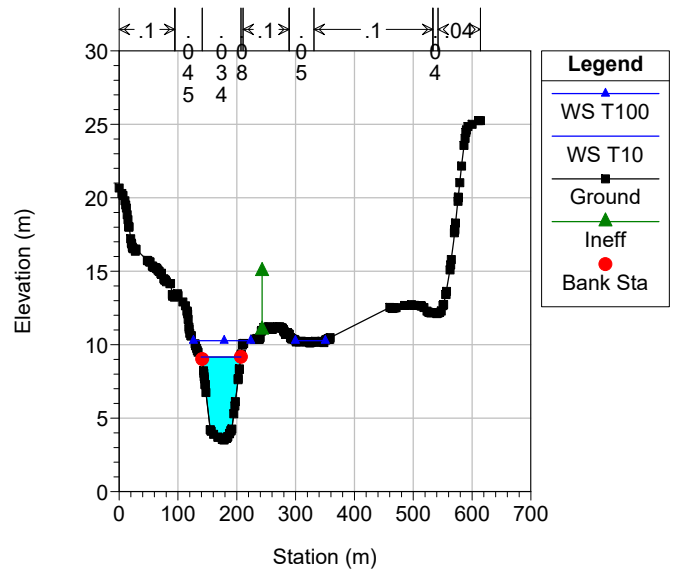
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12977.95 BR E110



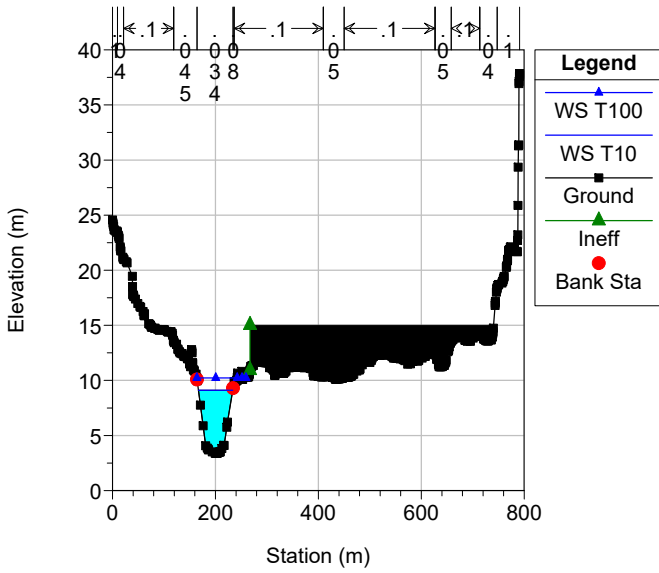
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12975.23



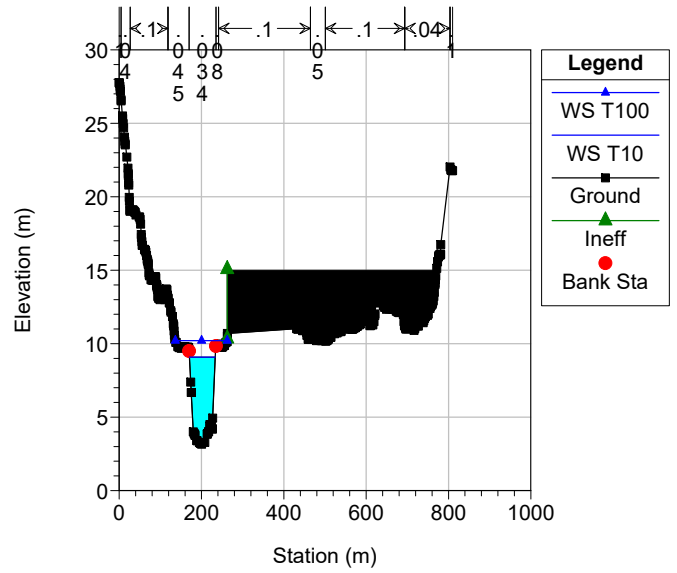
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12943.50



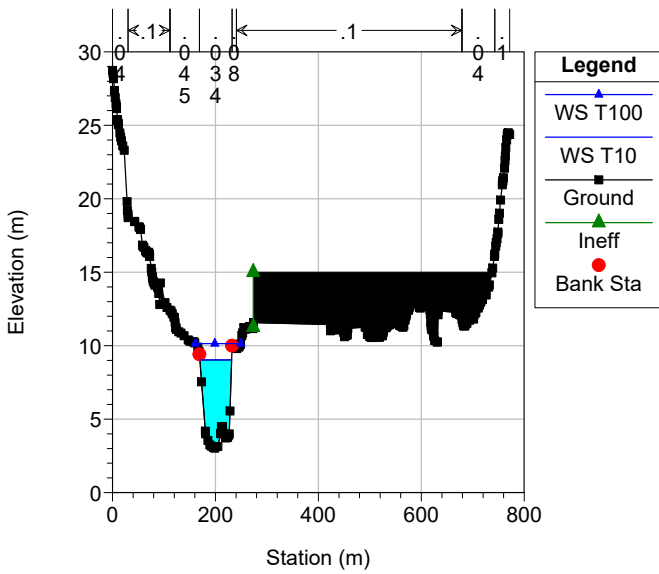
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12908.45



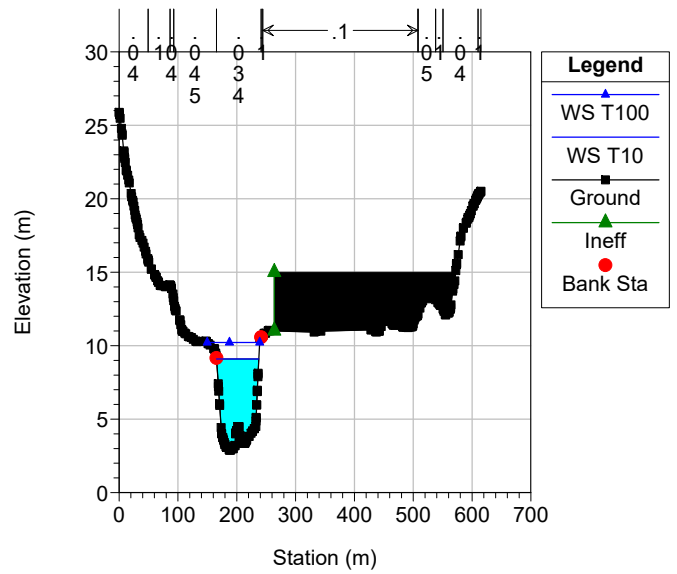
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12862.23



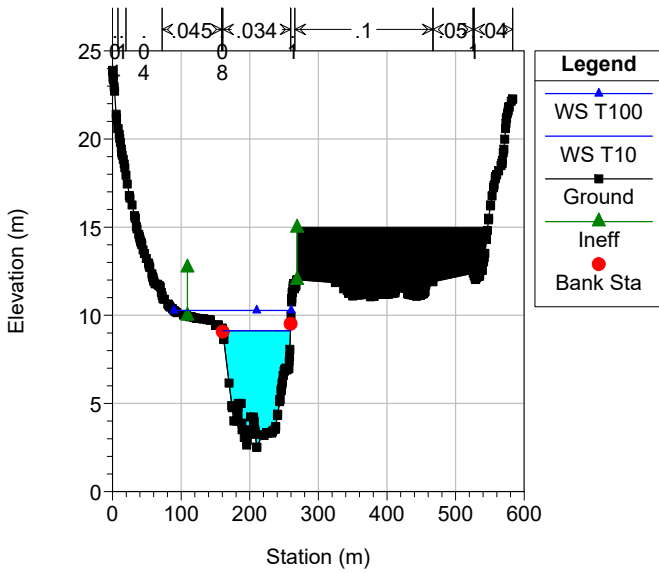
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12829.24



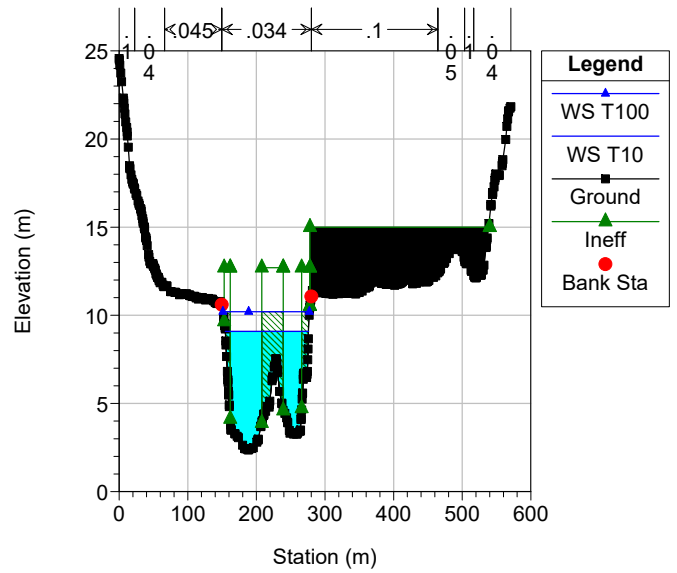
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12796.69



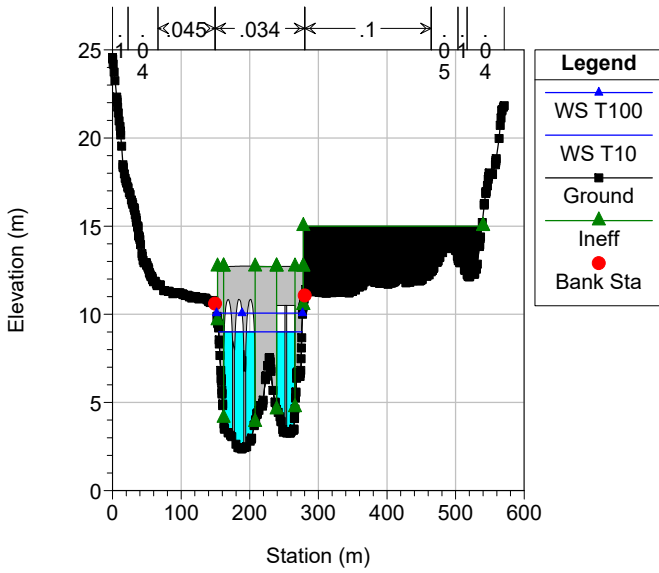
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12726.50



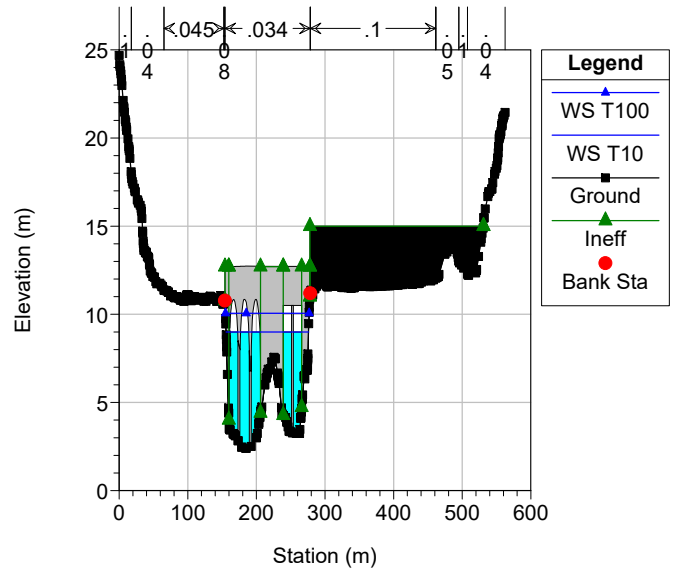
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12683.51



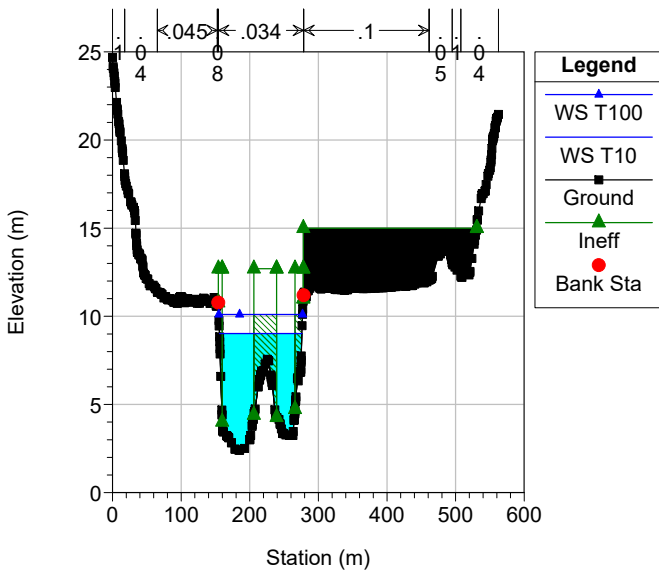
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12680 BR E111



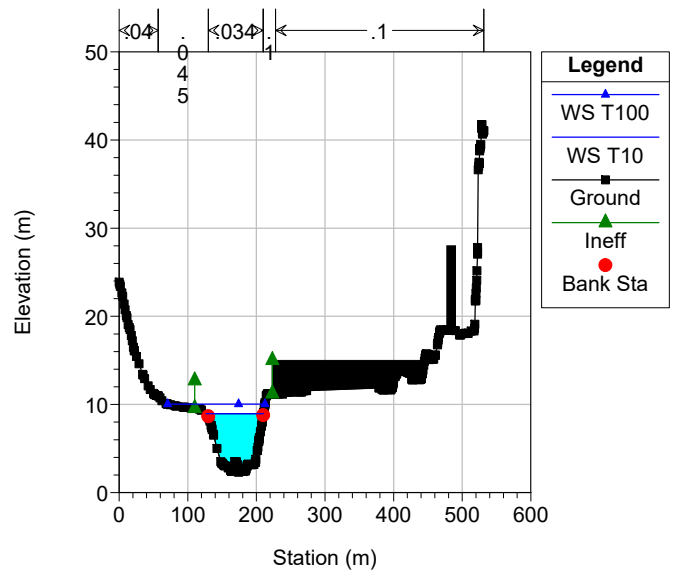
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12680 BR E111



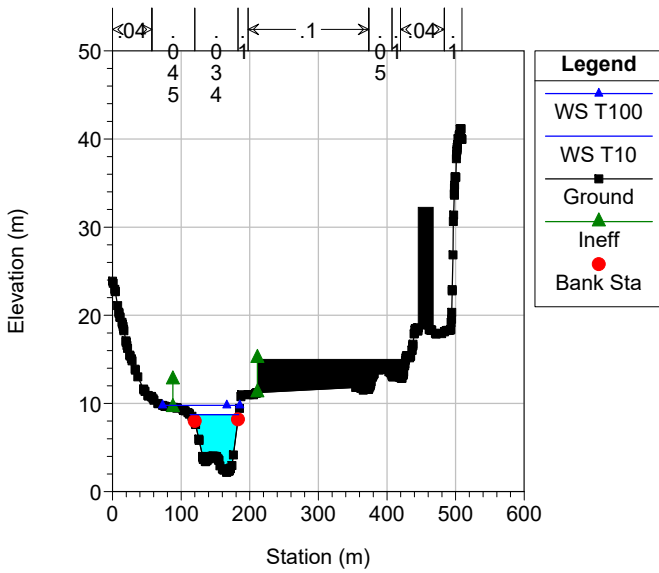
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12676.40



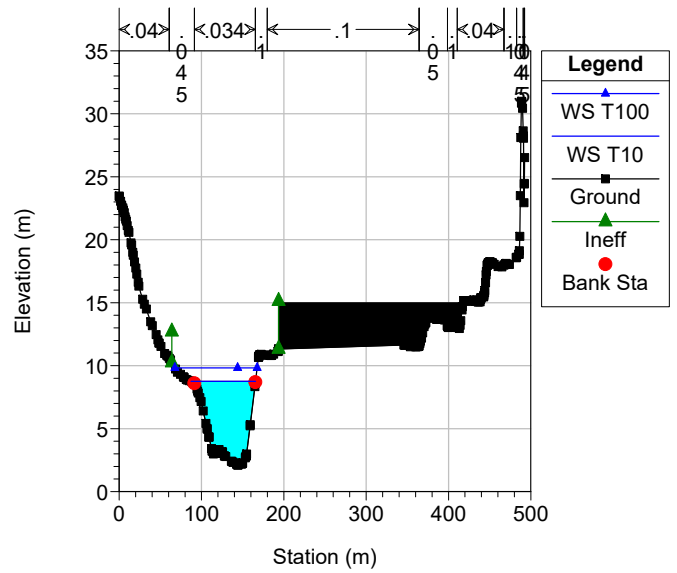
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12637.89



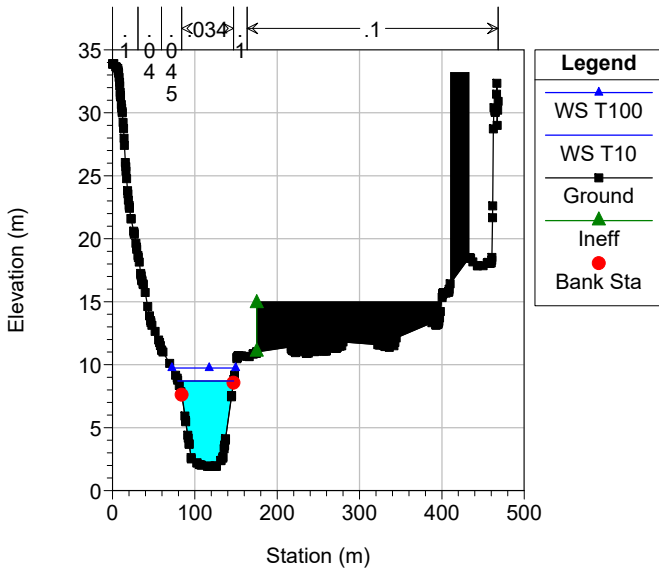
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12595.50



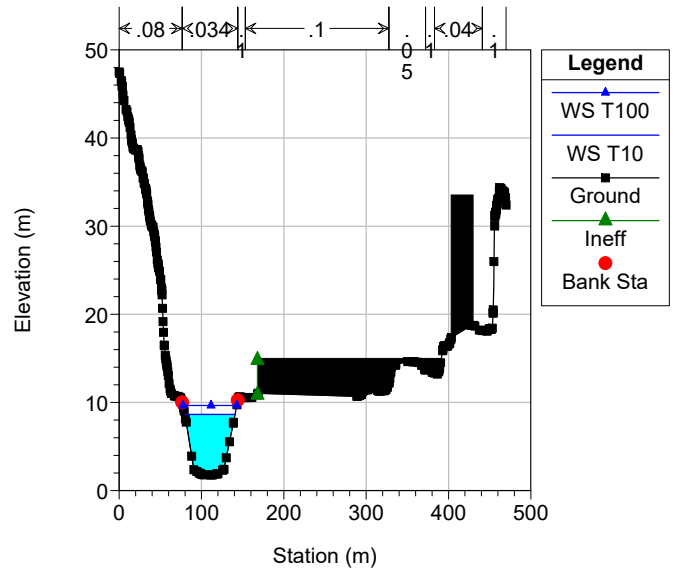
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12546.51



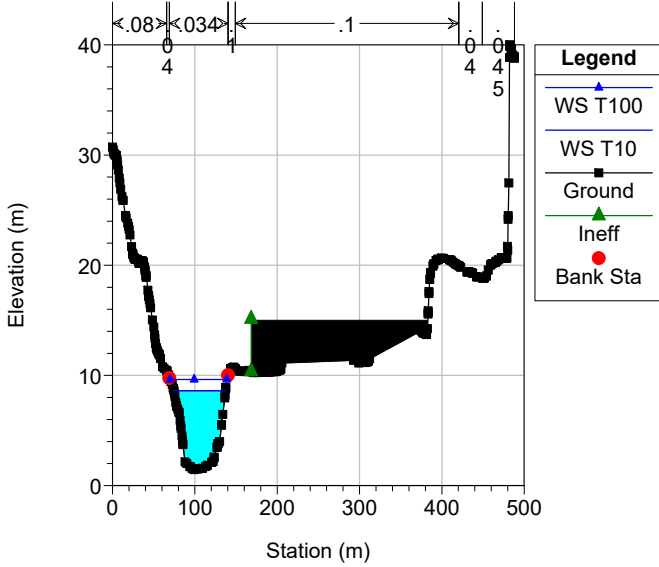
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12498.80



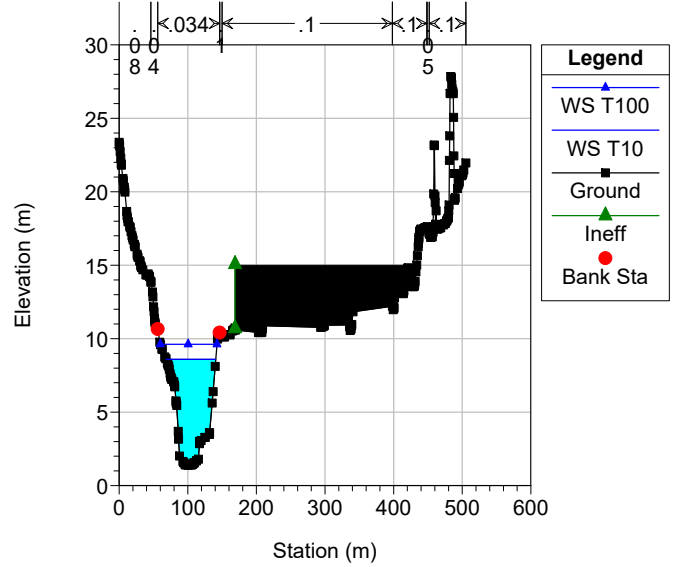
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12462.68



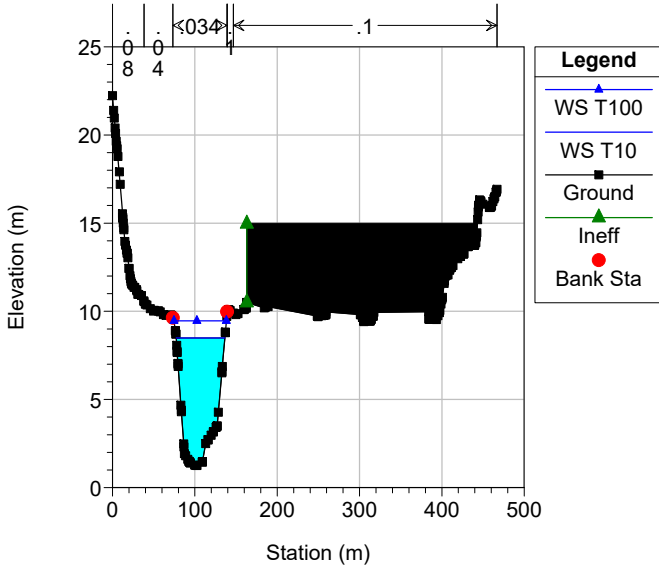
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12412.34



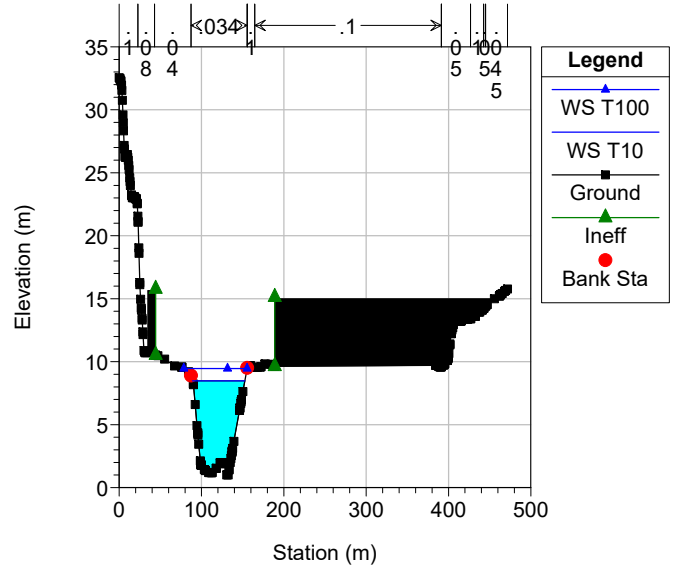
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12362.30



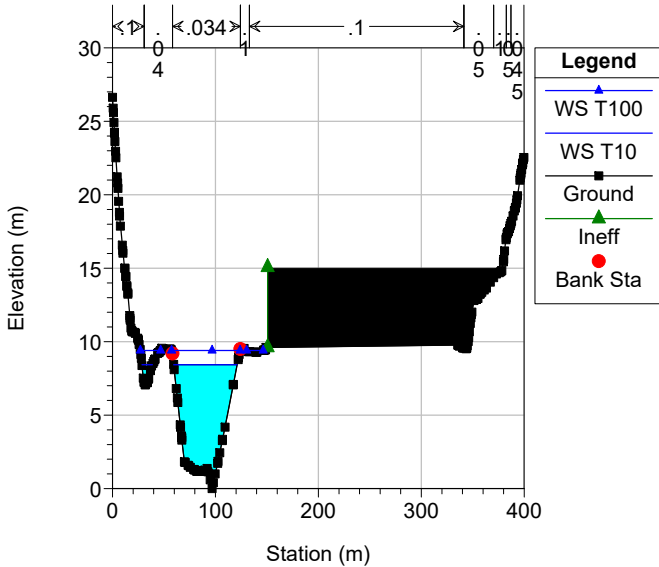
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12320.09



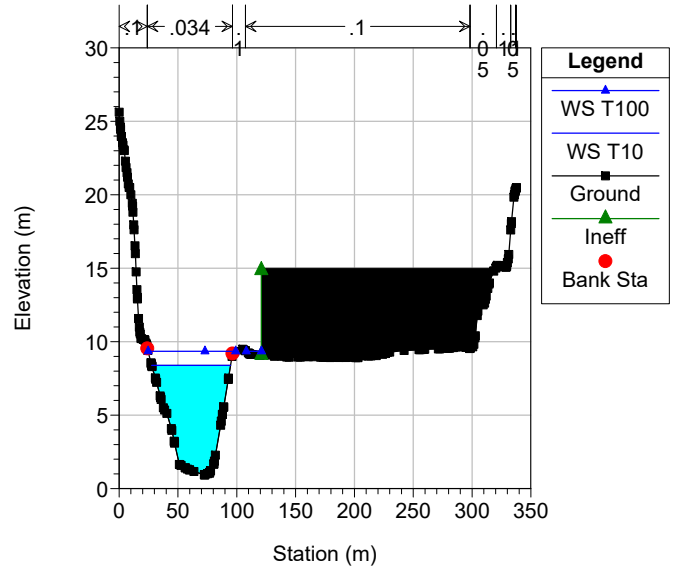
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12269.80



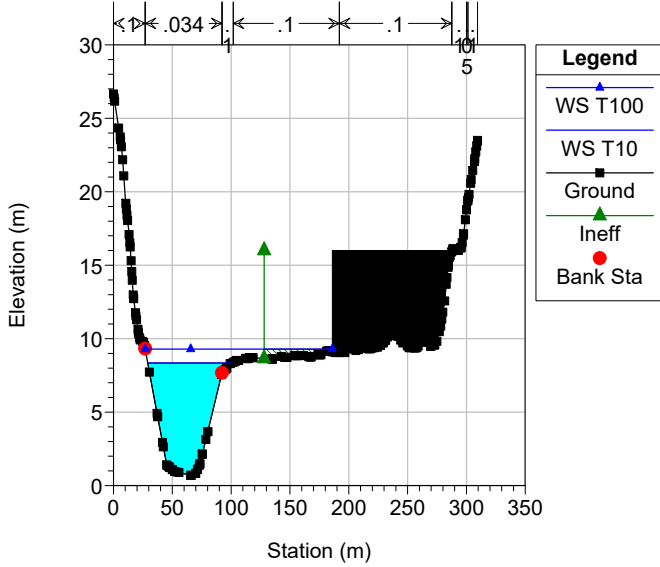
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12214.37



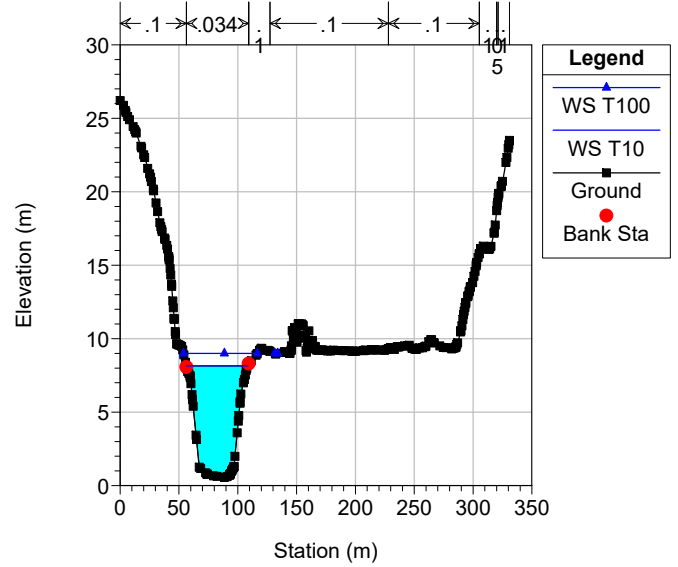
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 12156.64



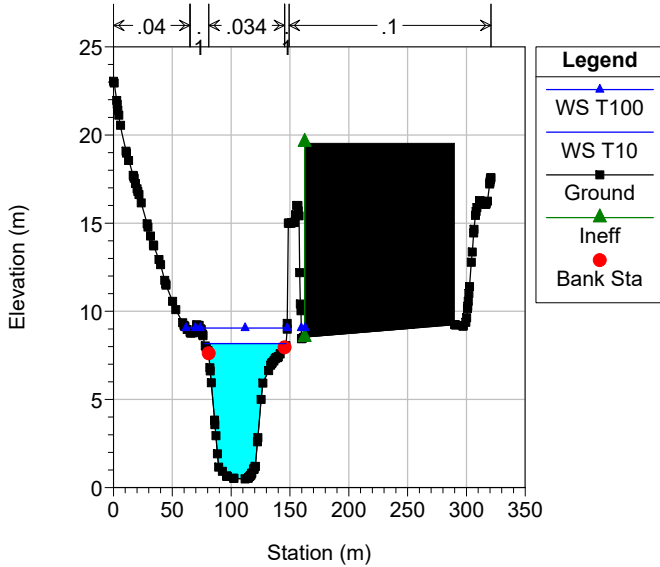
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12101.79



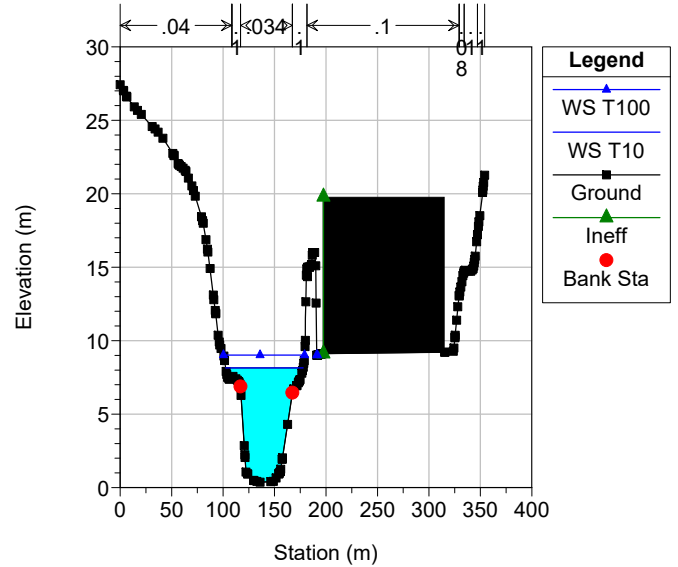
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12046.41



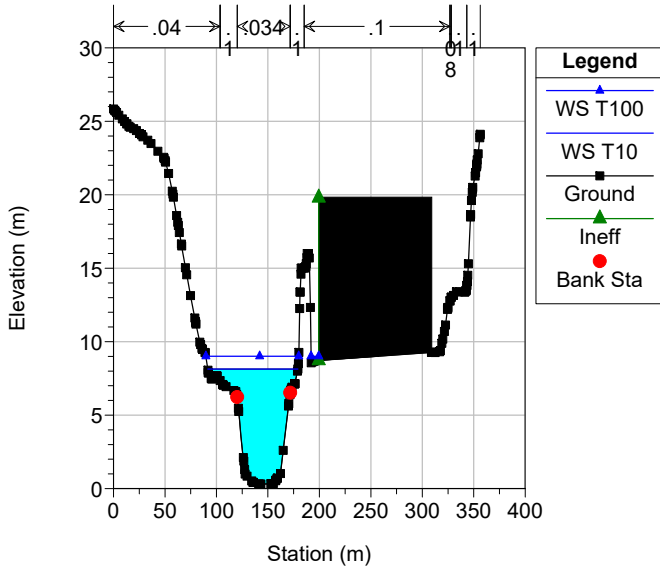
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12006.09



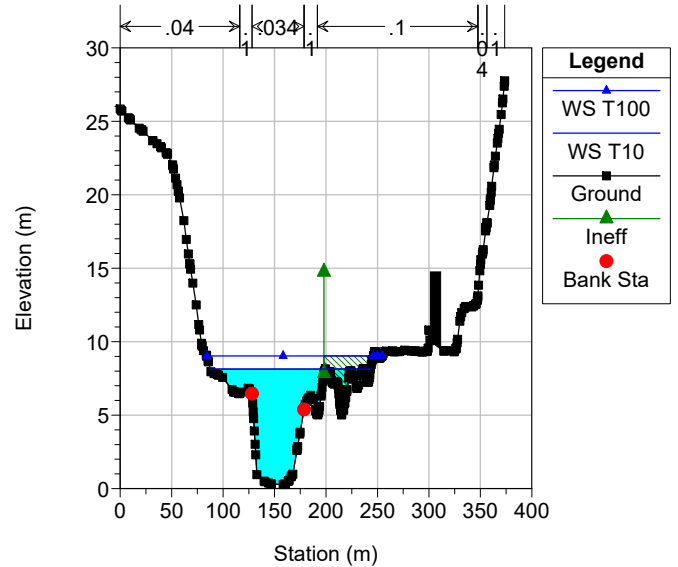
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11956.06



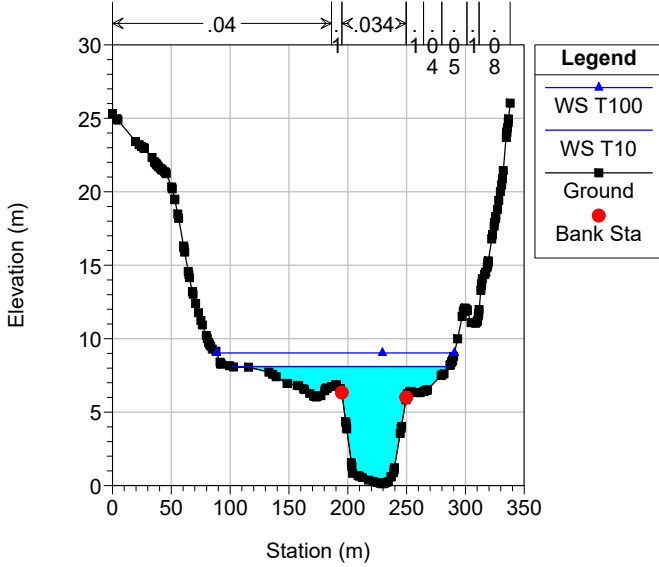
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11905.86



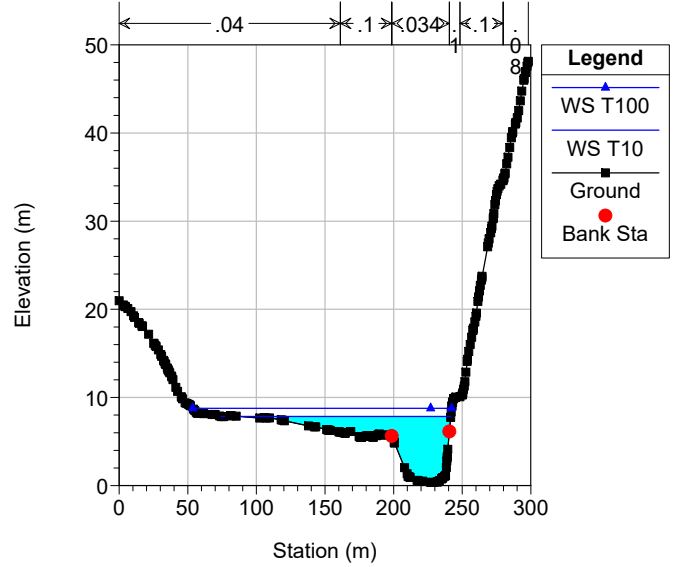
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11864.21



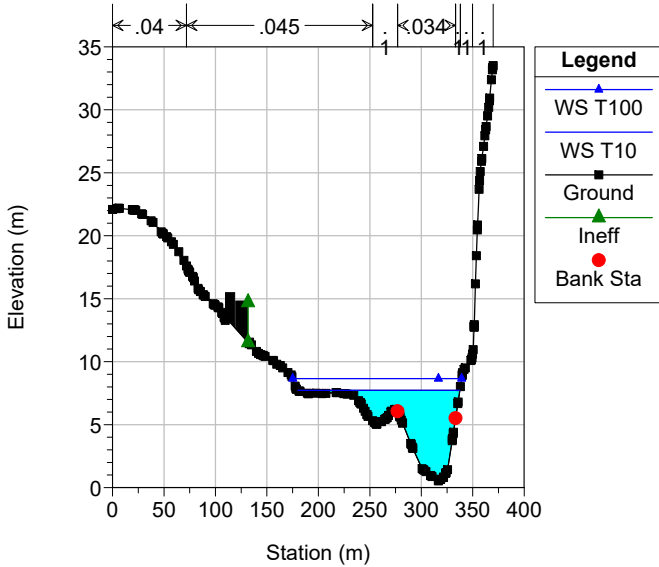
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11729.66



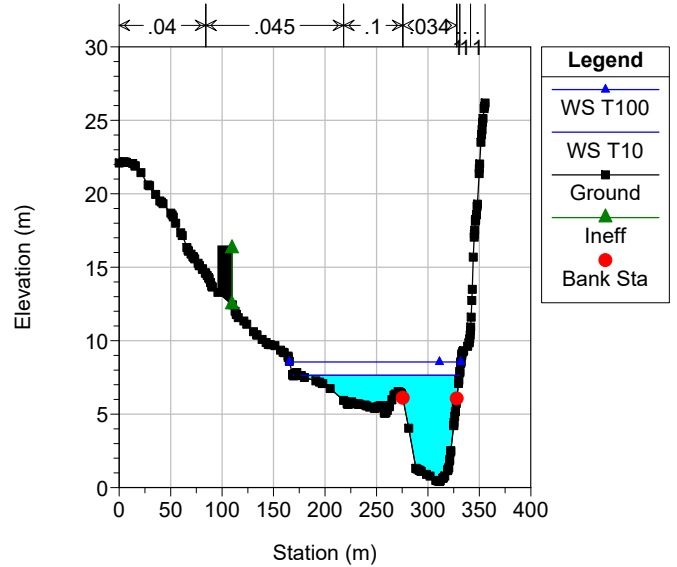
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11601.53



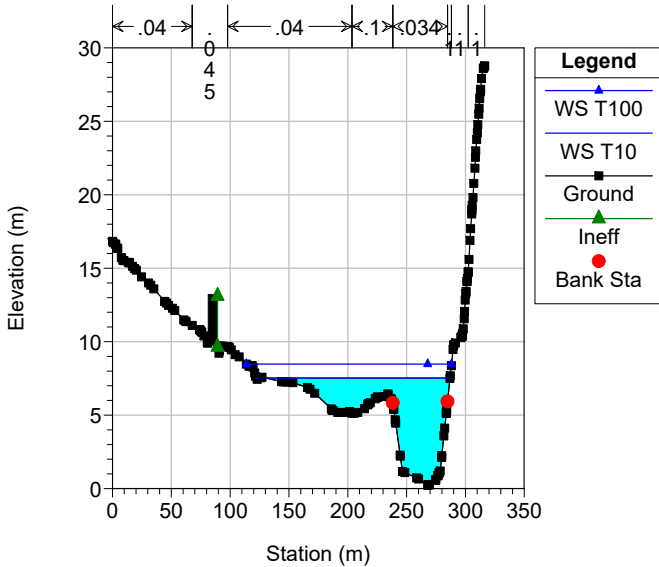
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11446.61



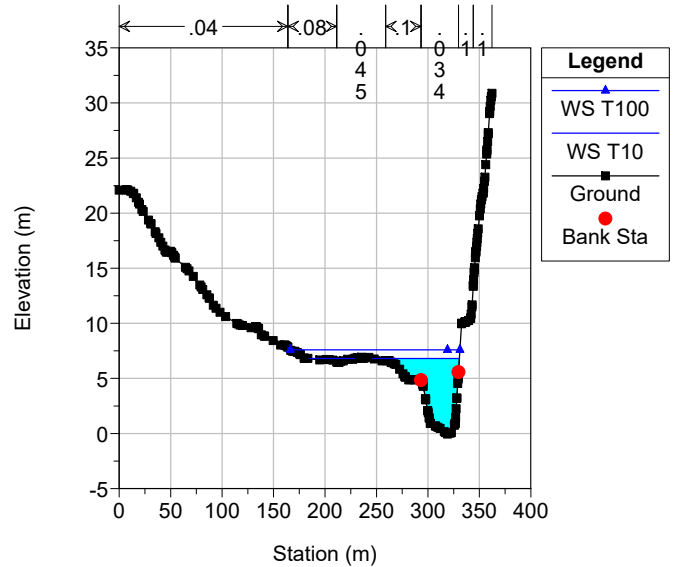
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11322.82



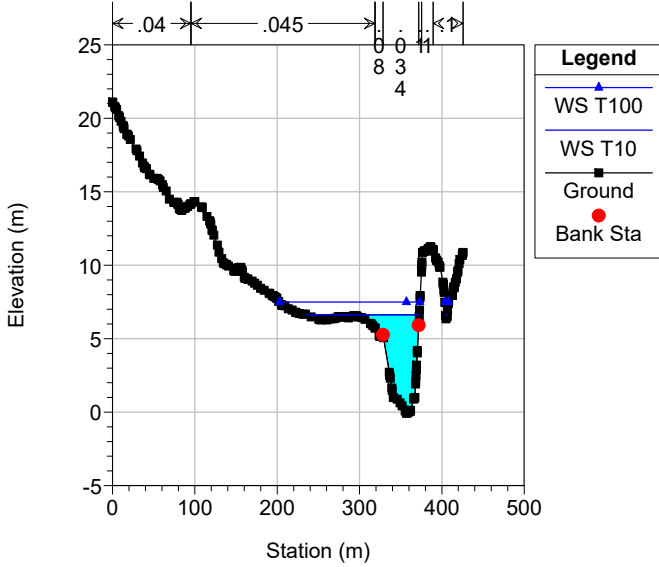
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11211.57



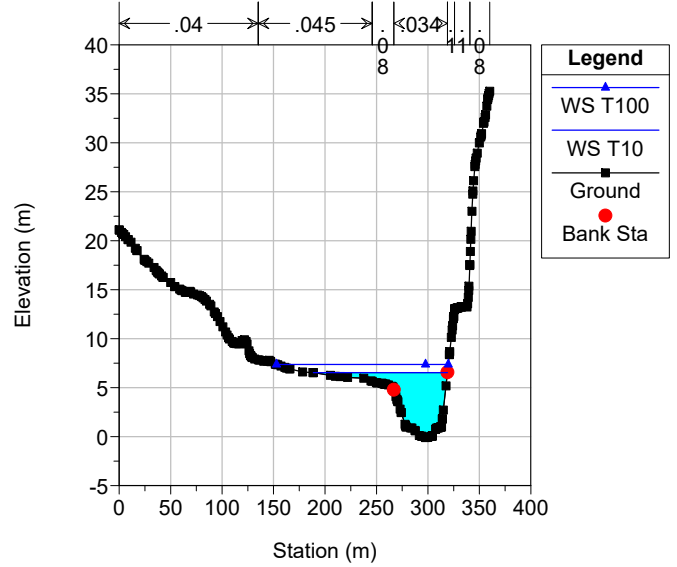
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11039.79



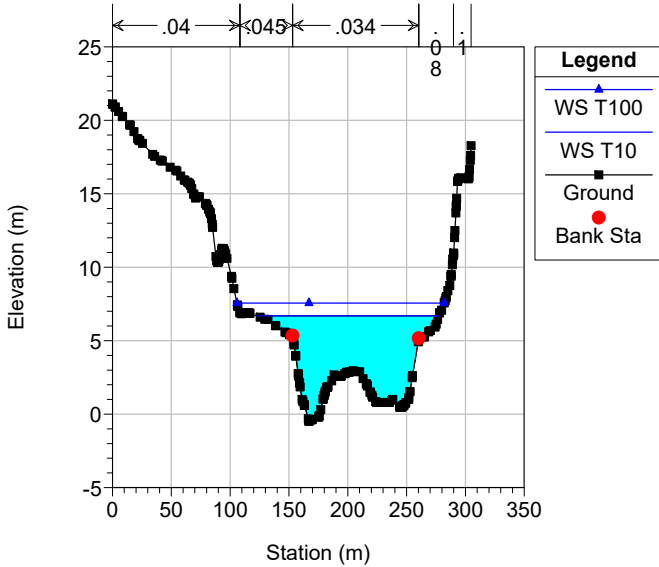
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10914.69



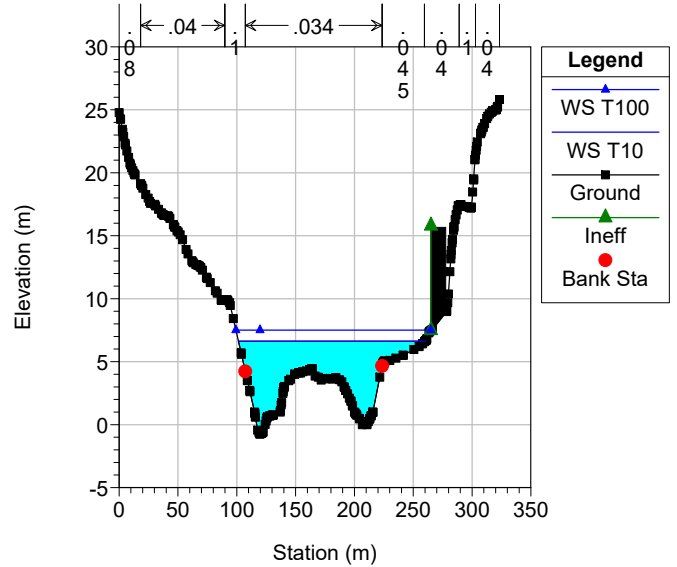
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10742.68



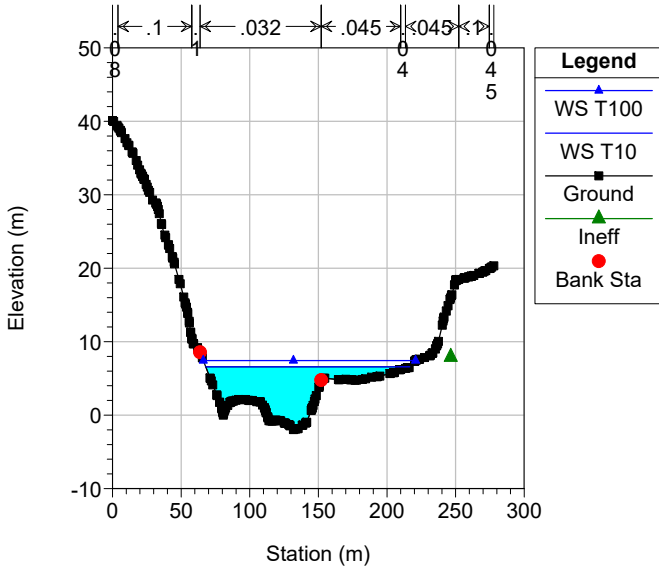
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10619.16



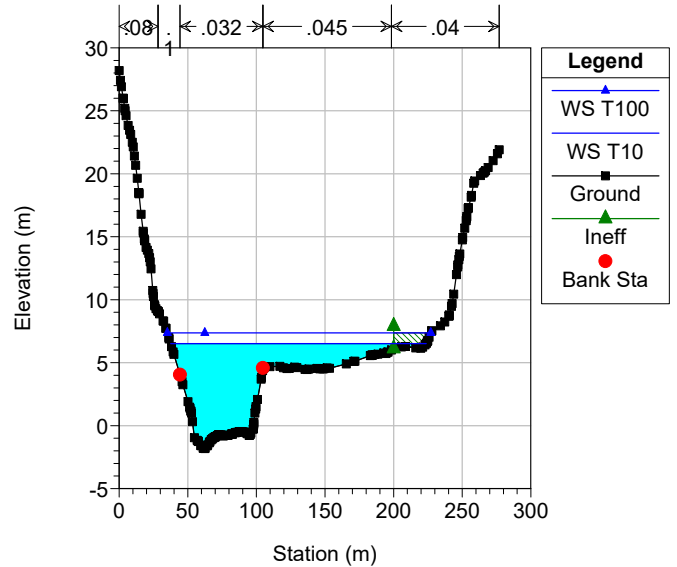
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10513.57



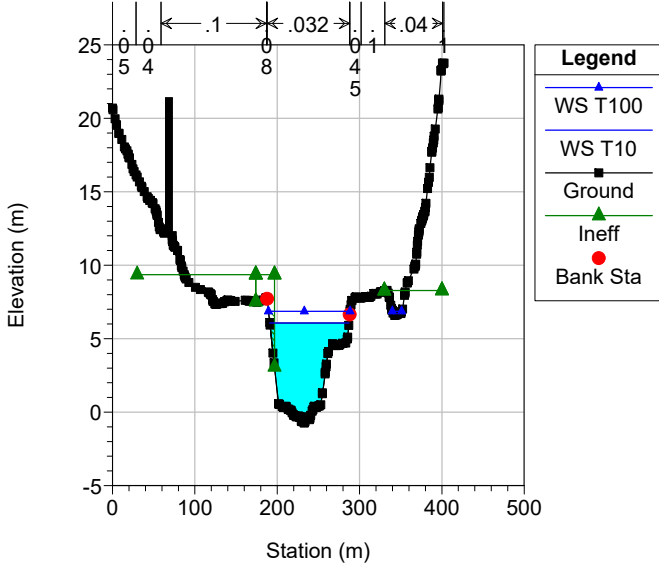
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10362.58



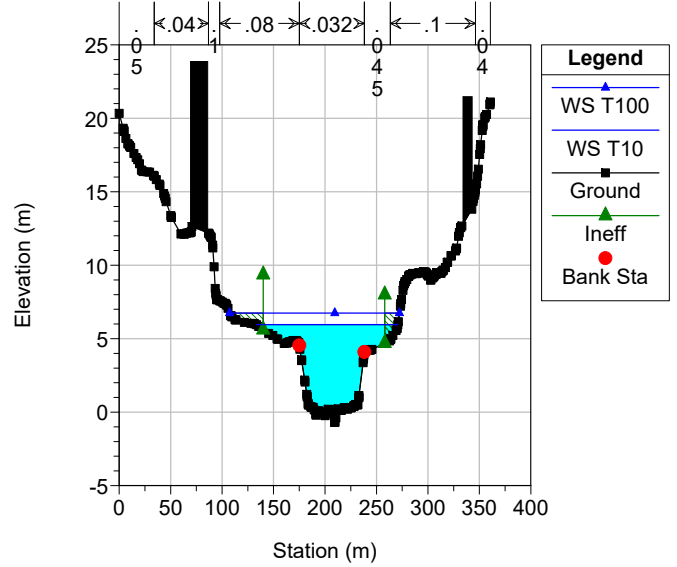
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10261.68



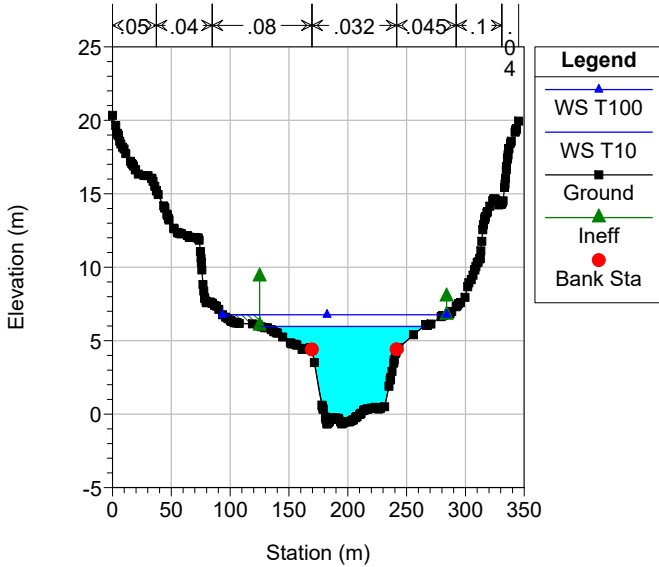
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10046.04



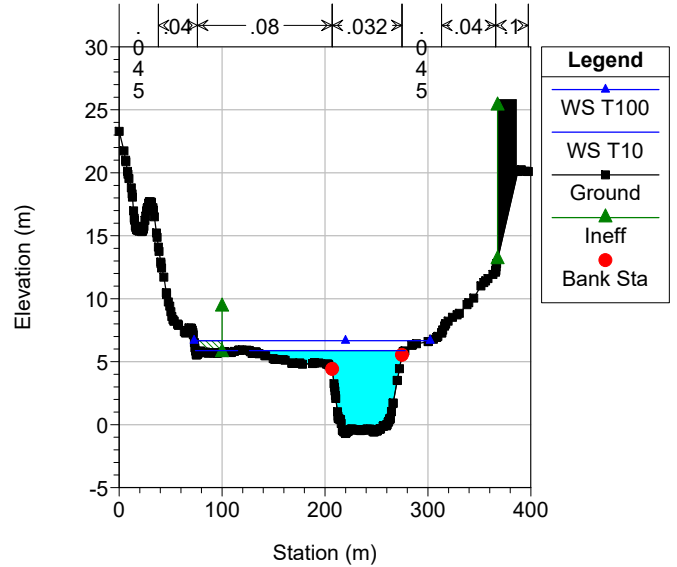
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10005.62



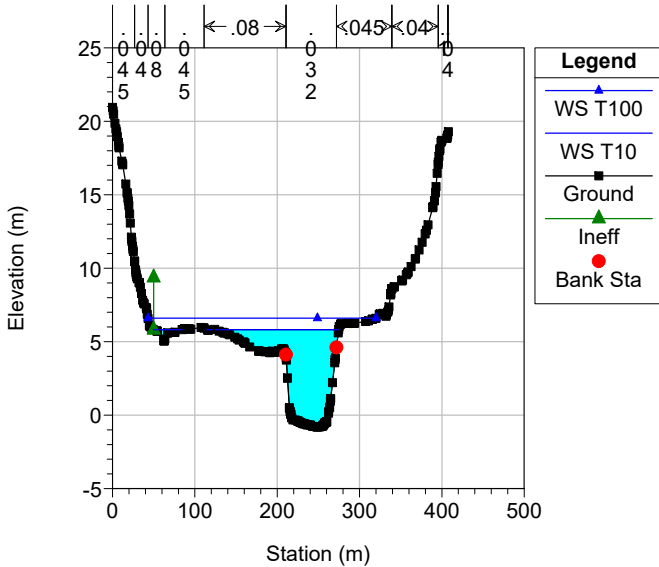
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9952.628



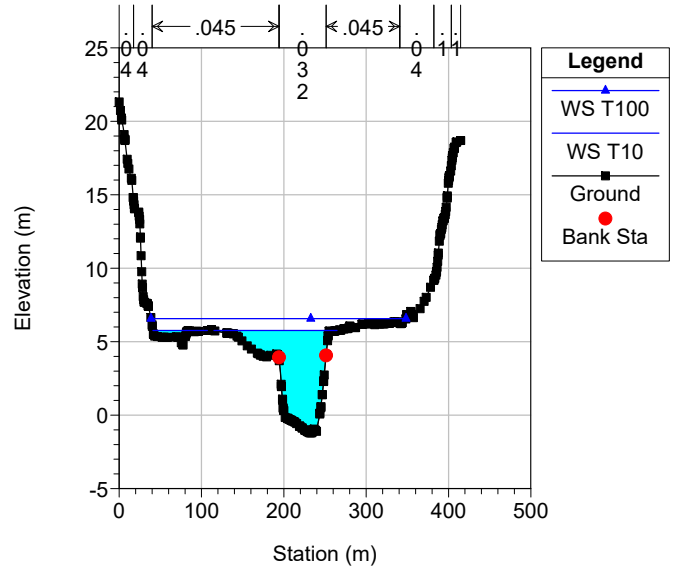
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9843.386



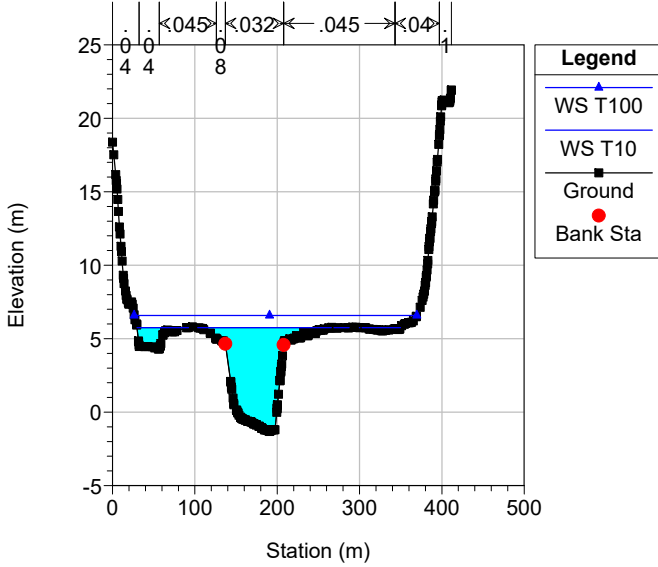
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9748.673



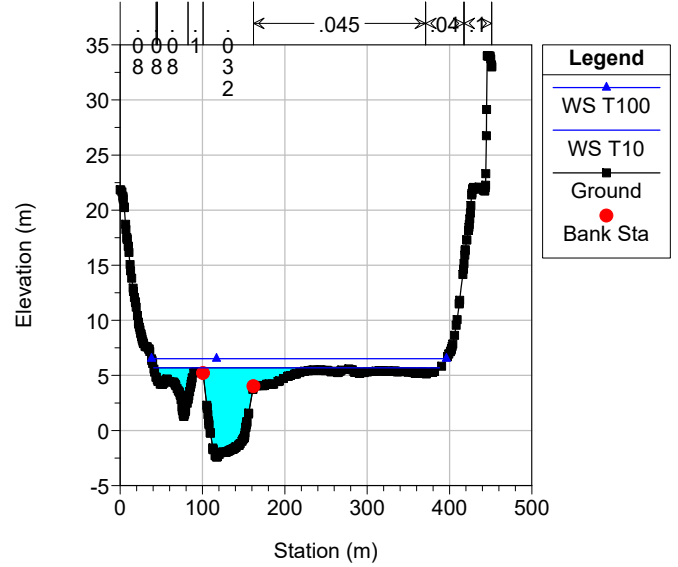
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9660.880



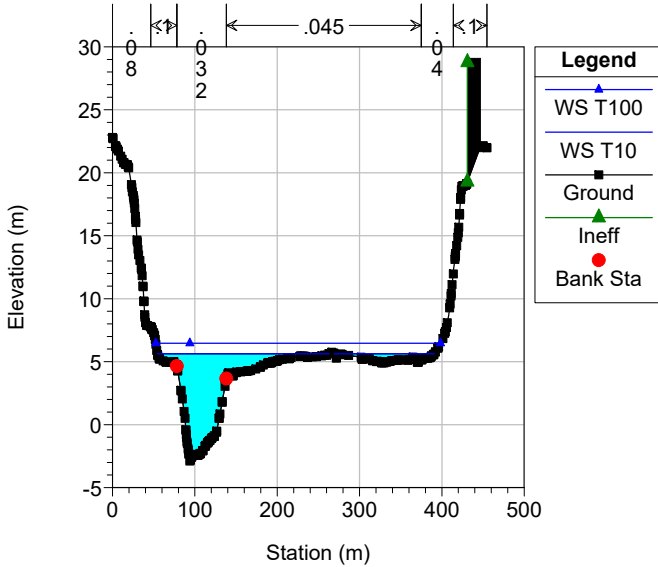
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 9541.047



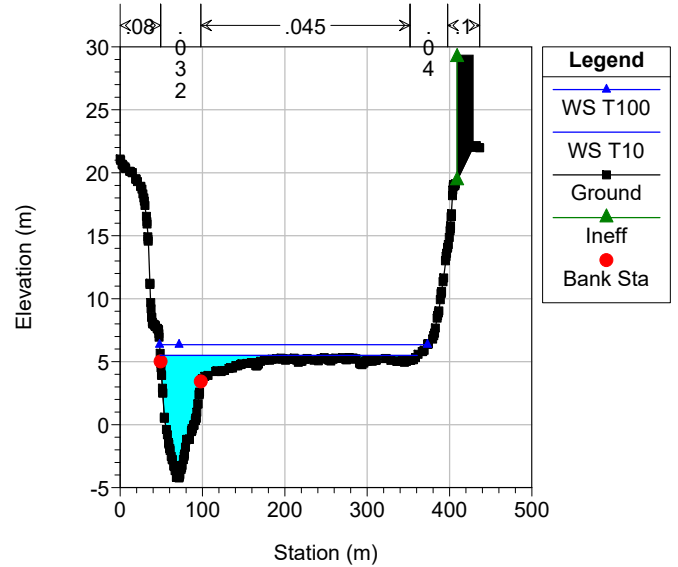
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 9379.213



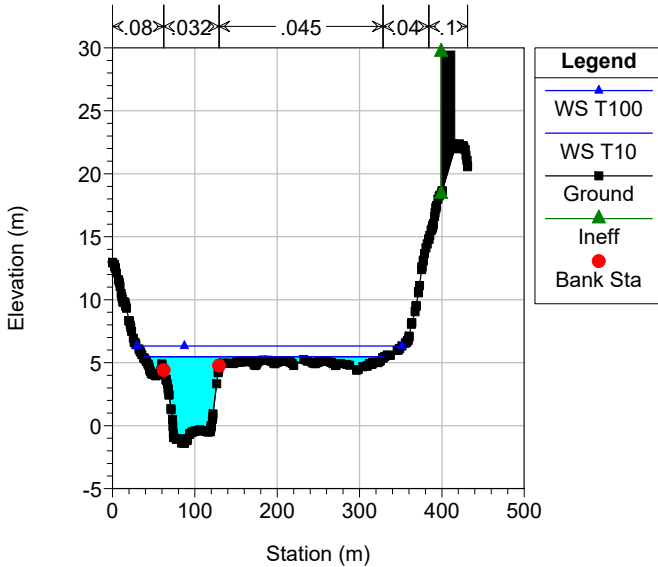
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 9304.015



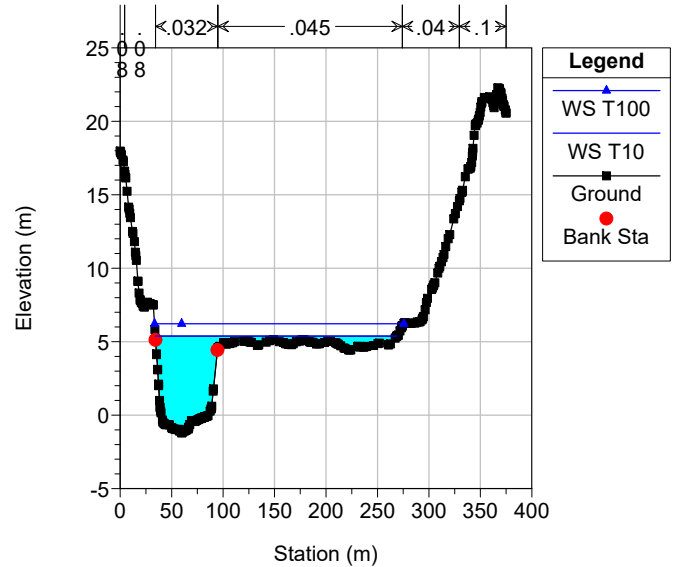
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 9180.456



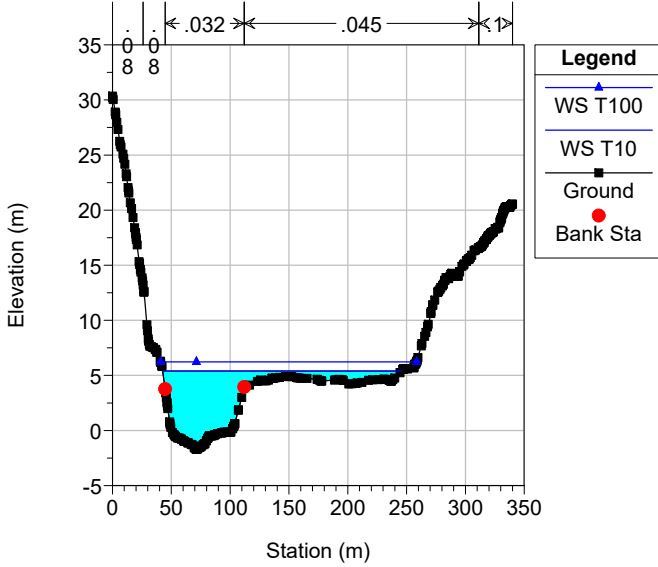
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 9082.134



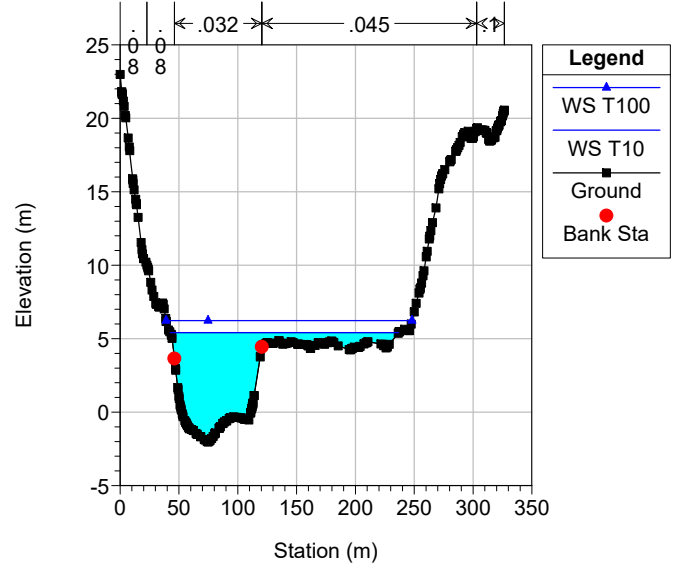
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 9037.875



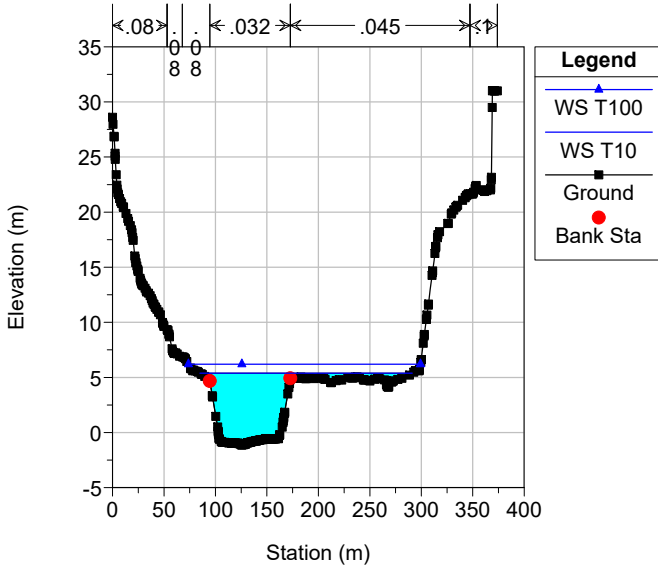
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8965.871



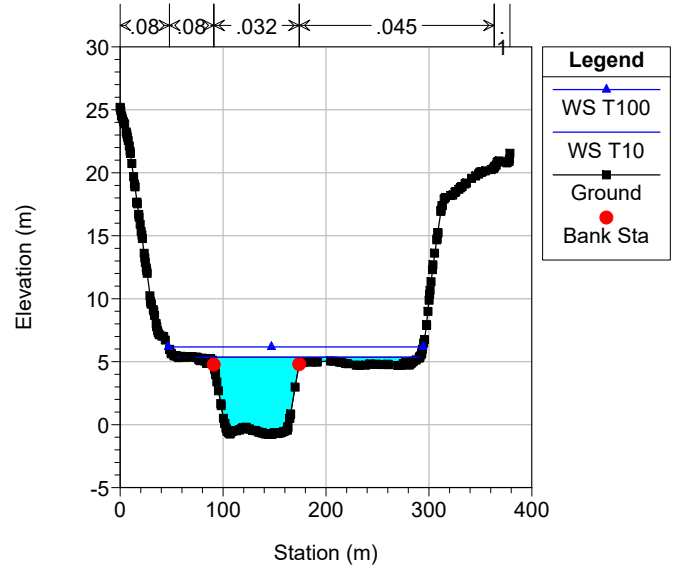
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8924.898



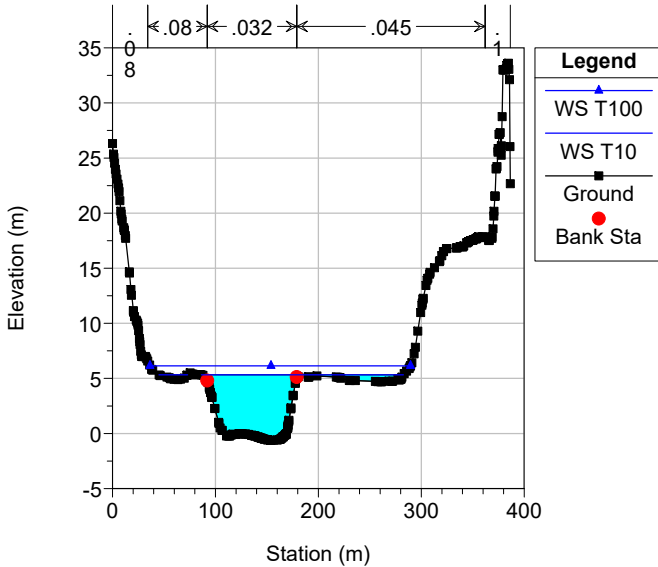
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8858.508



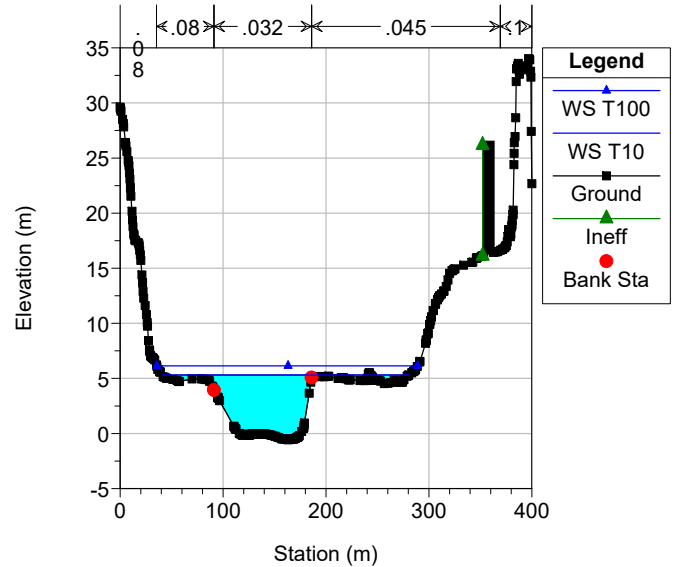
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8808.497



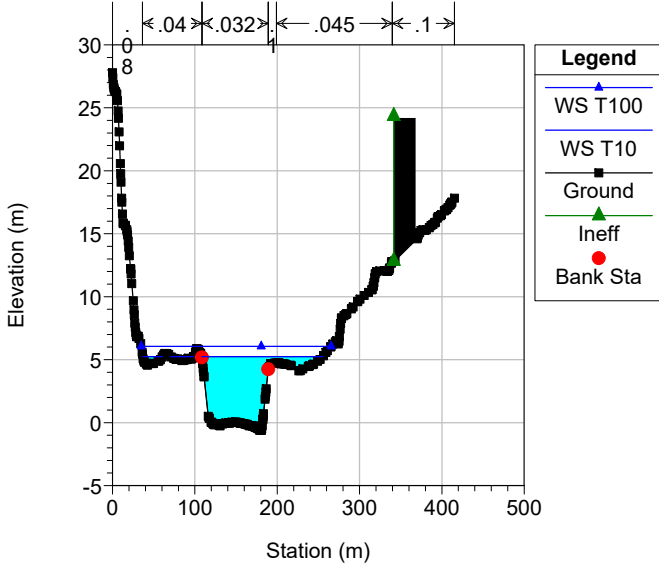
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8757.154



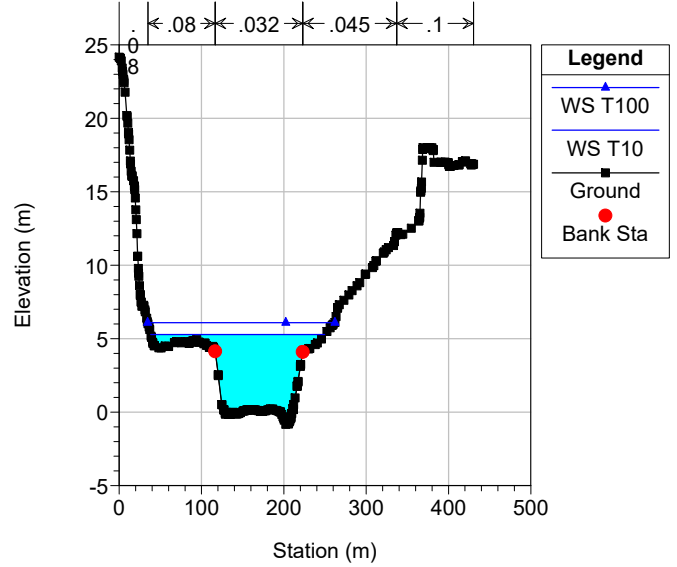
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8705.003



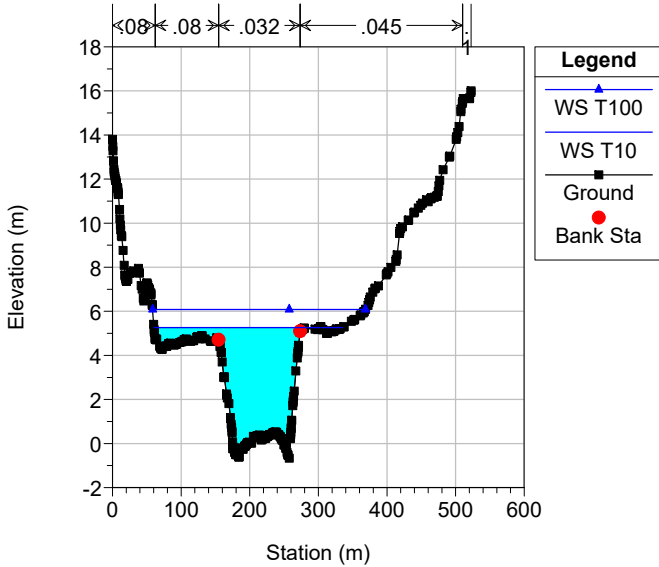
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8654.991



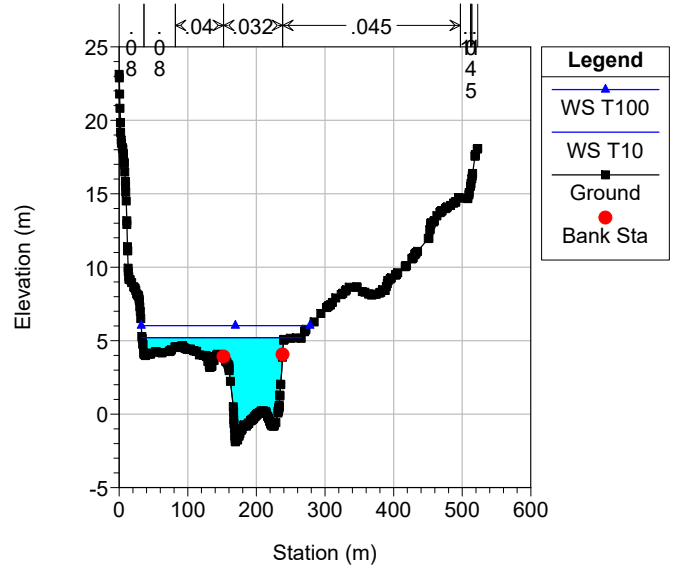
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8604.684



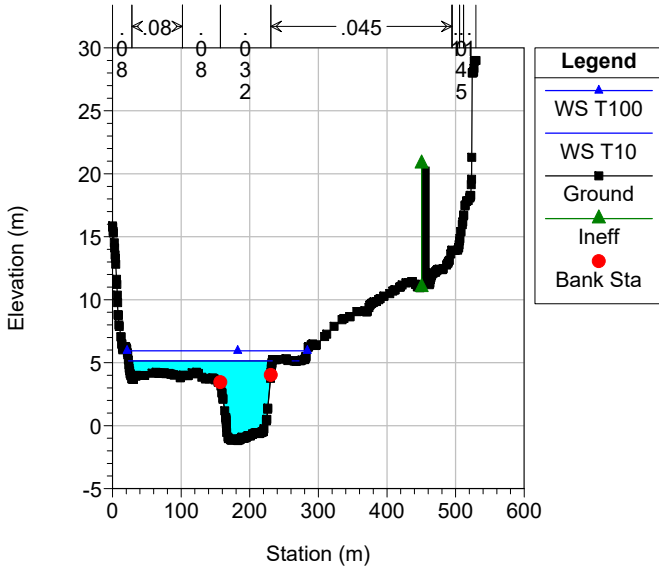
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8540.668



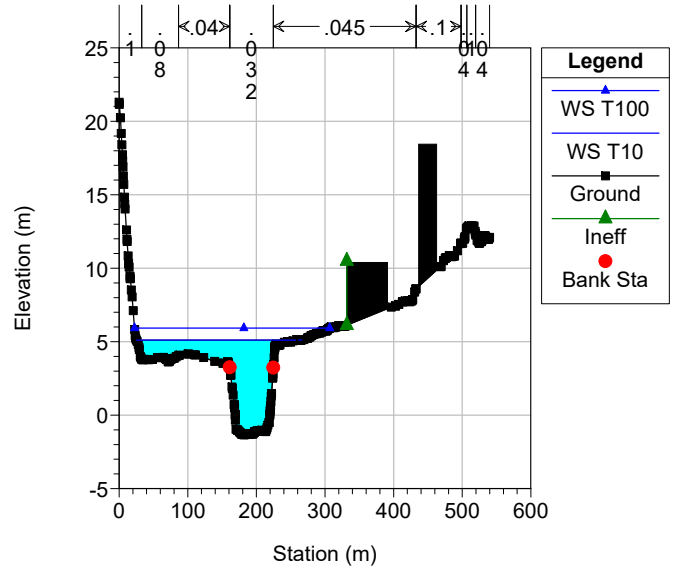
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8487.078



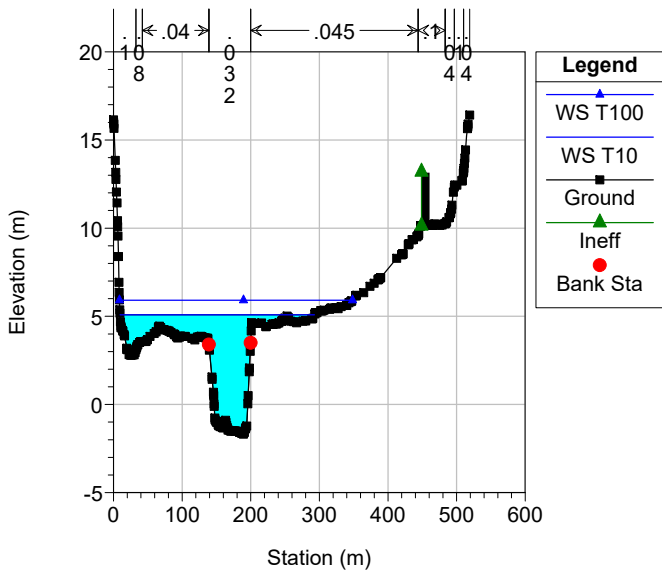
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8424.546



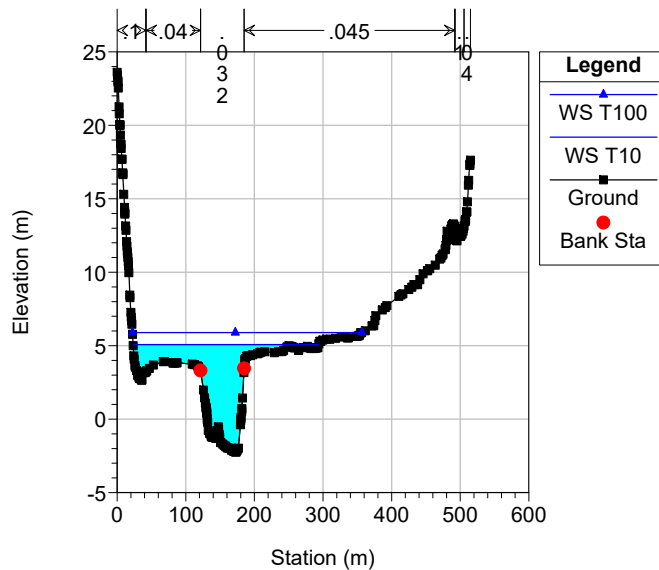
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8374.402



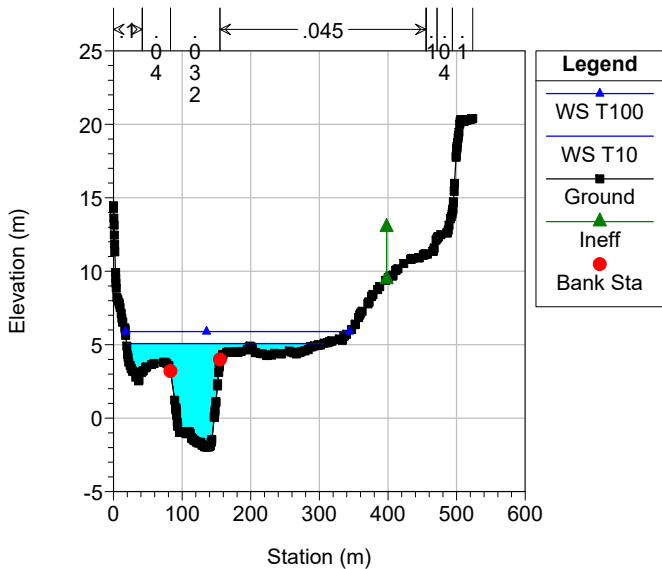
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8323.970



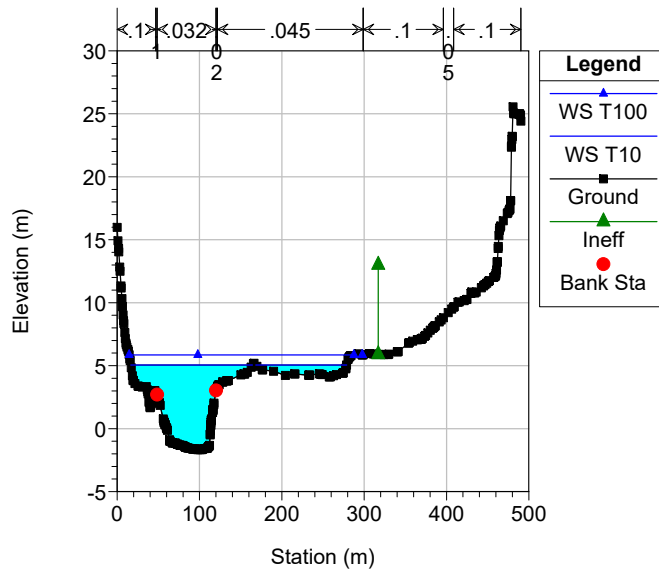
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8273.310



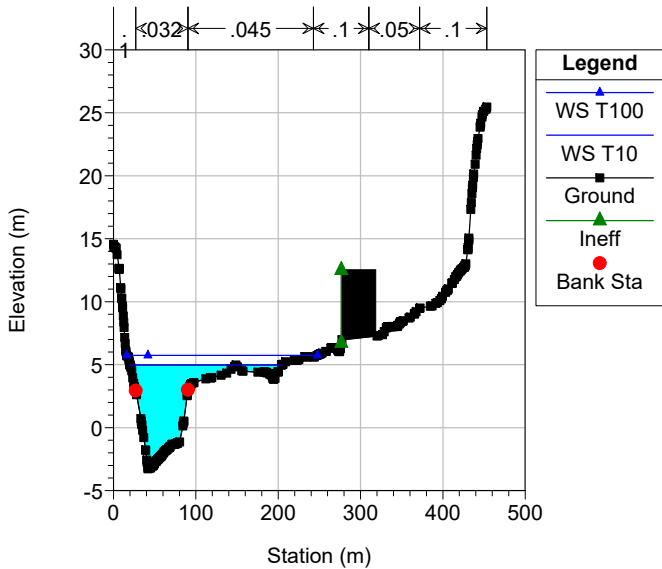
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8222.697



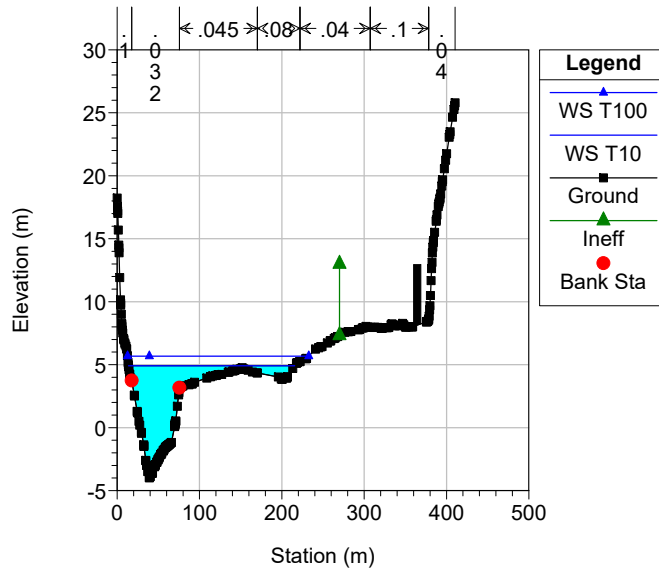
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8172.645



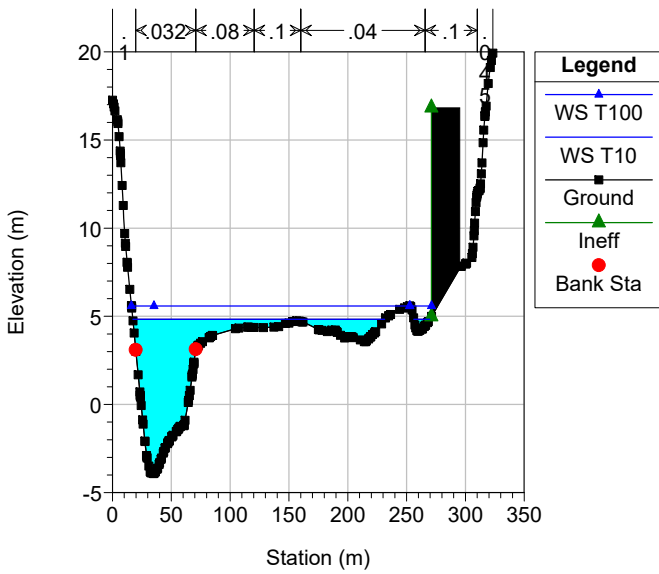
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8101.262



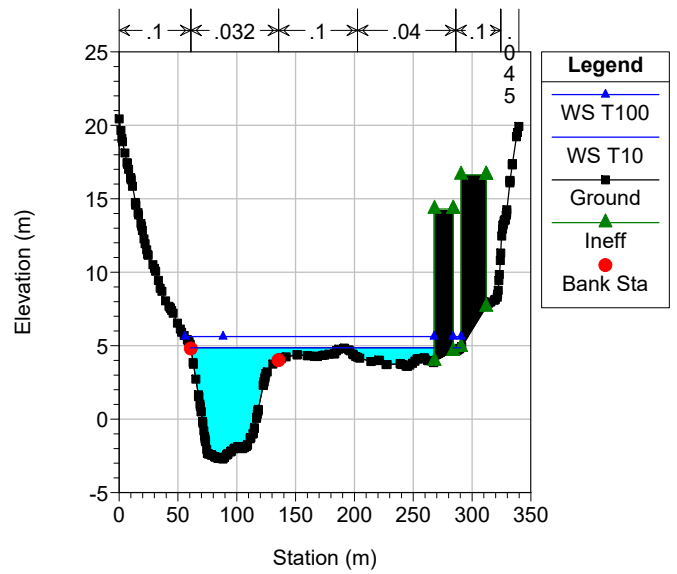
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8063.975



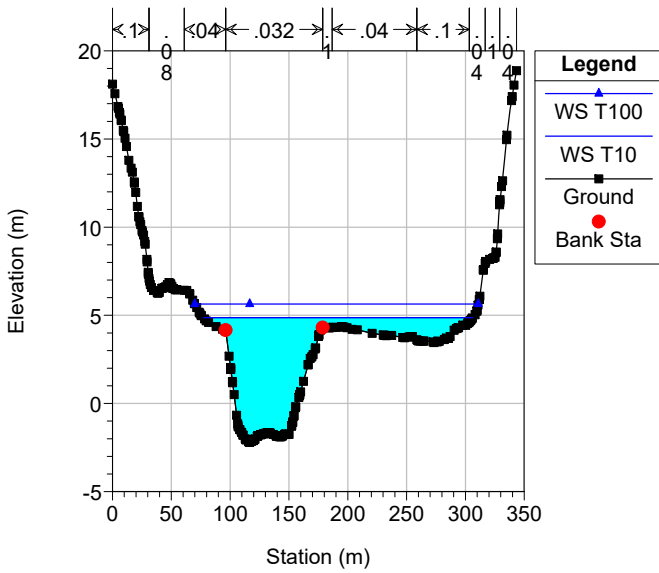
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8008.937



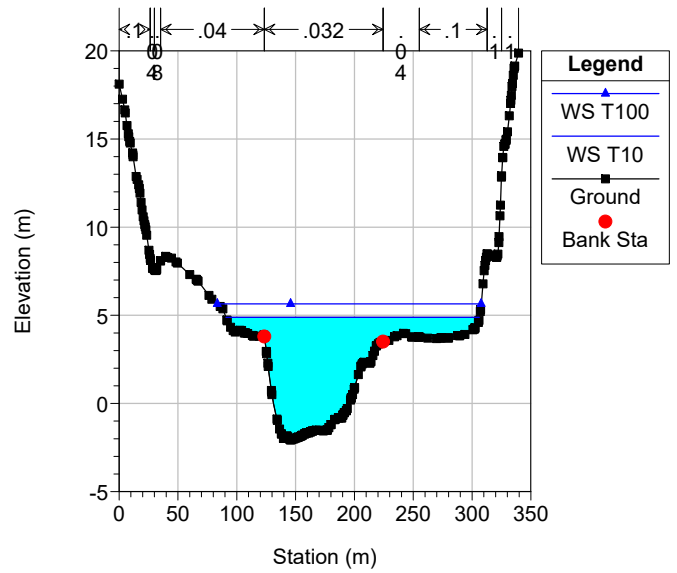
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 7952.676



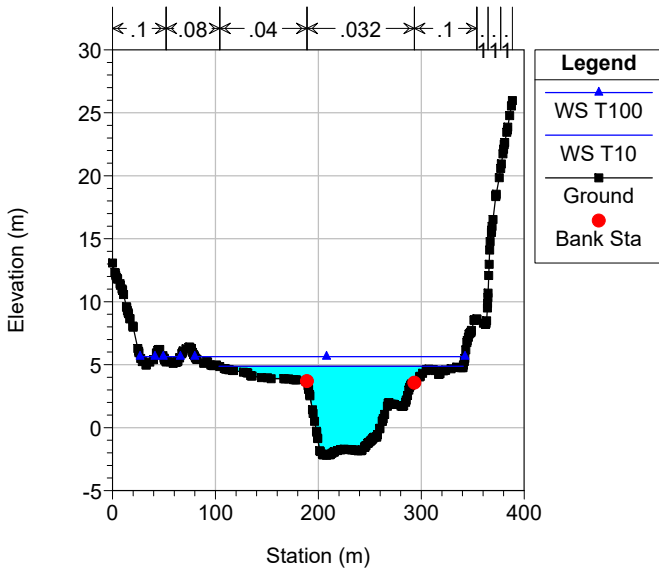
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 7903.640



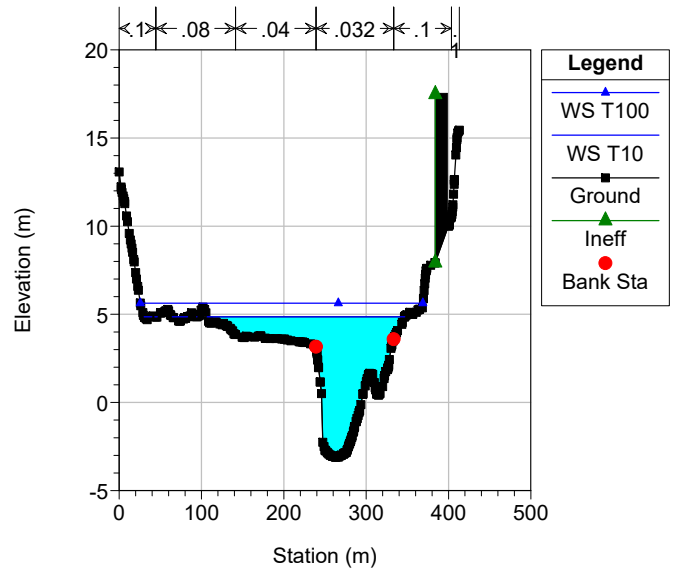
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 7847.759



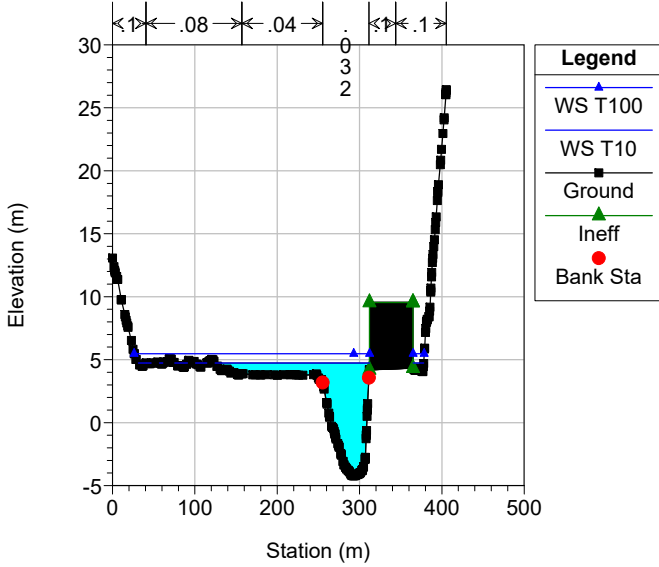
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 7801.729



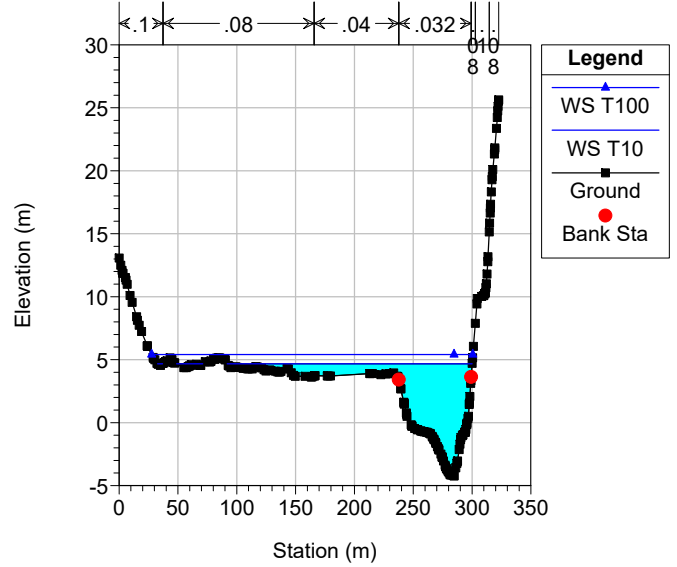
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 7741.837



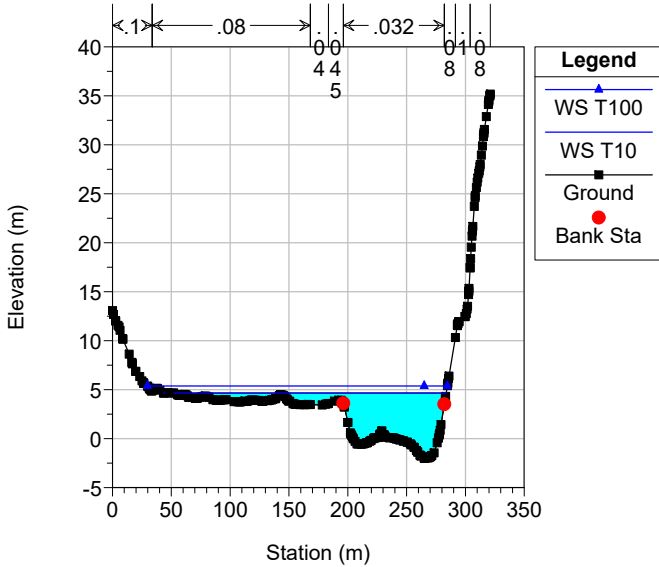
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7673.066



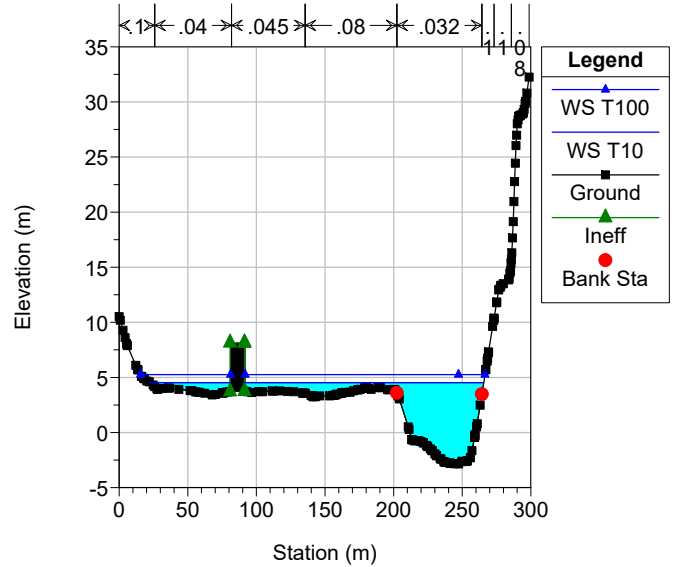
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7612.982



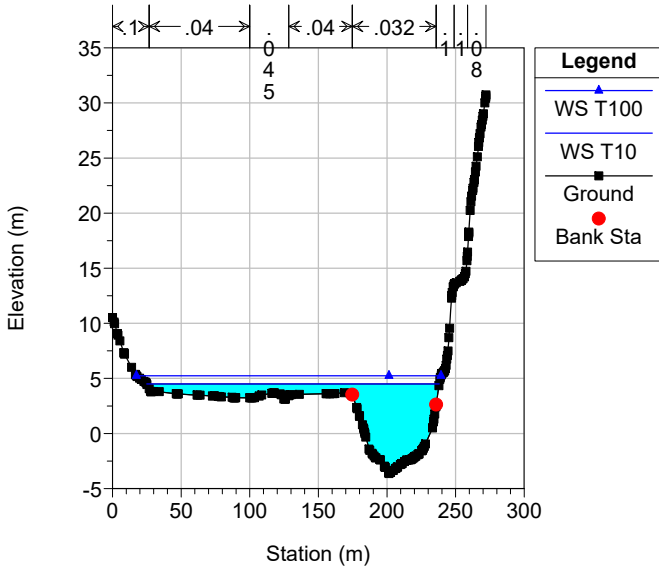
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7489.045



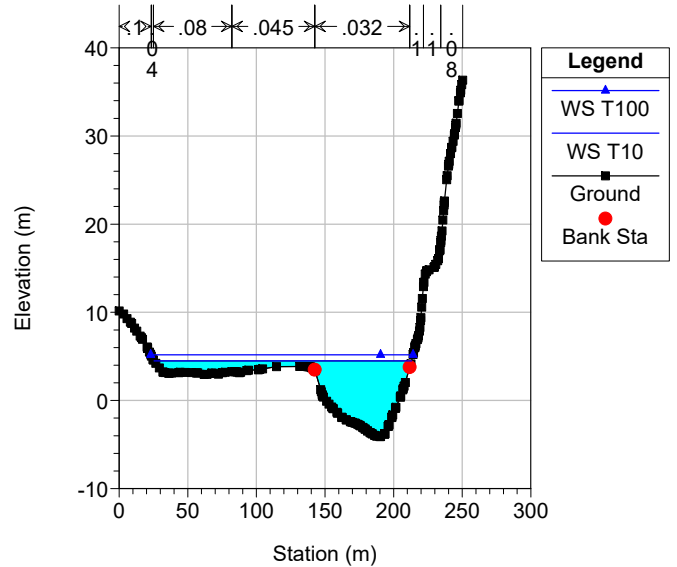
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7379.956



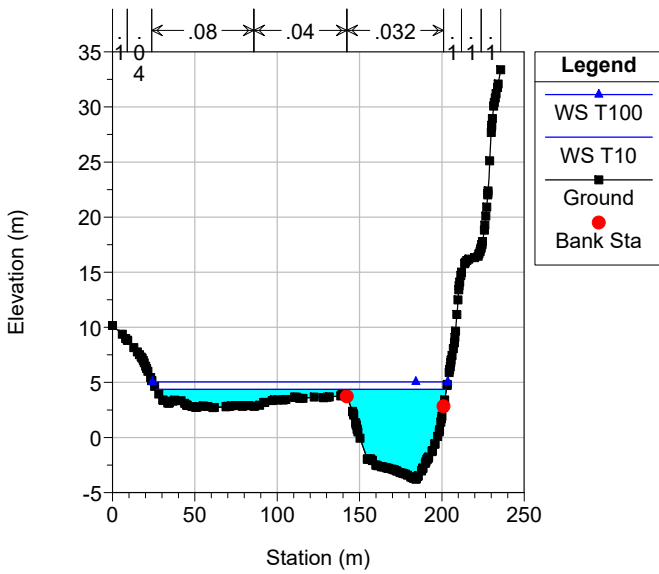
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7284.814



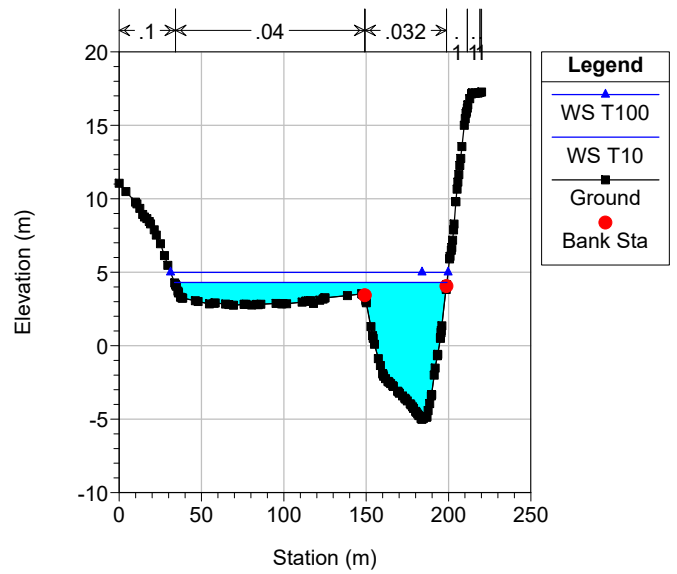
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7169.117



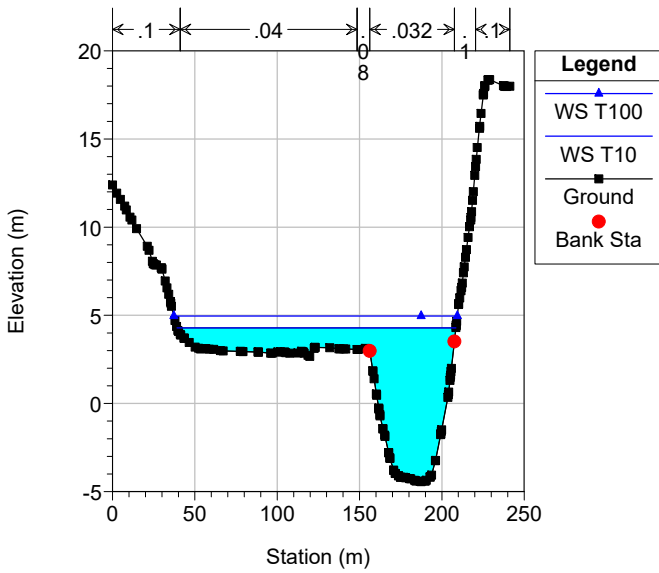
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7053.360



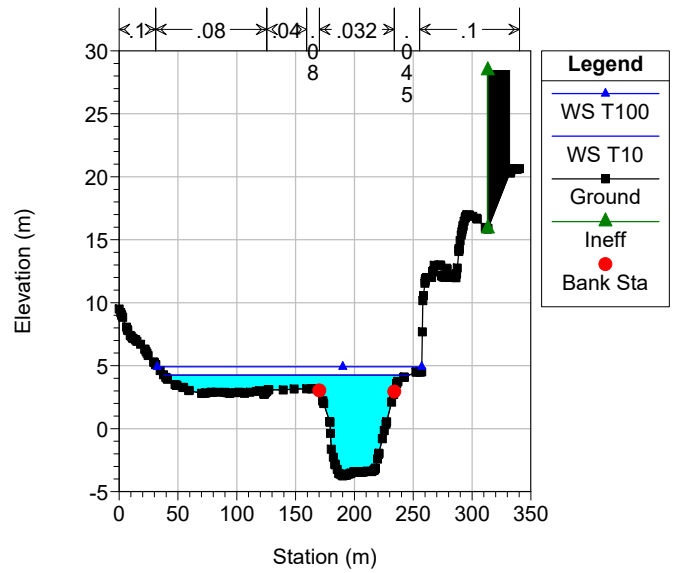
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6948.222



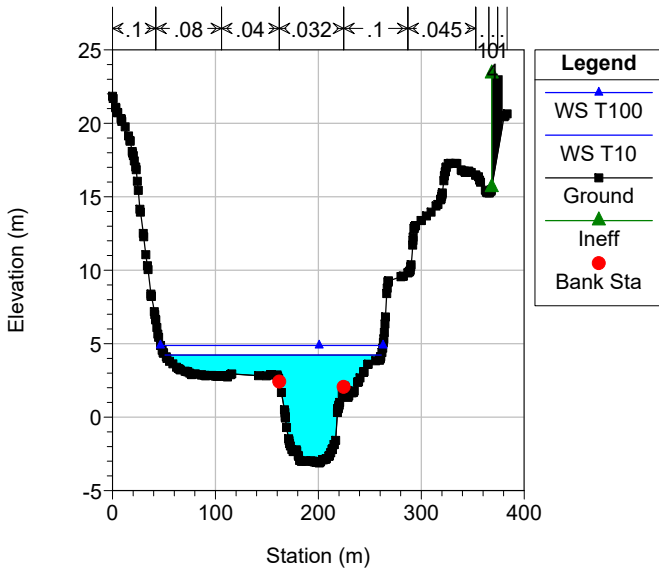
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6860.338



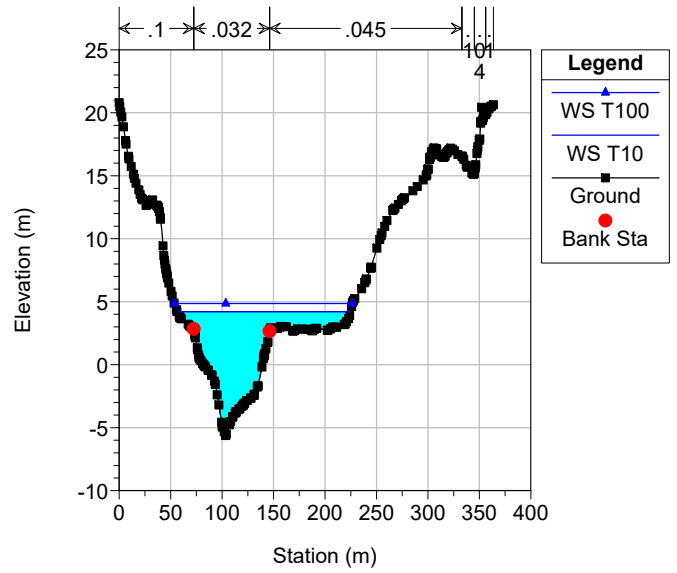
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6746.670



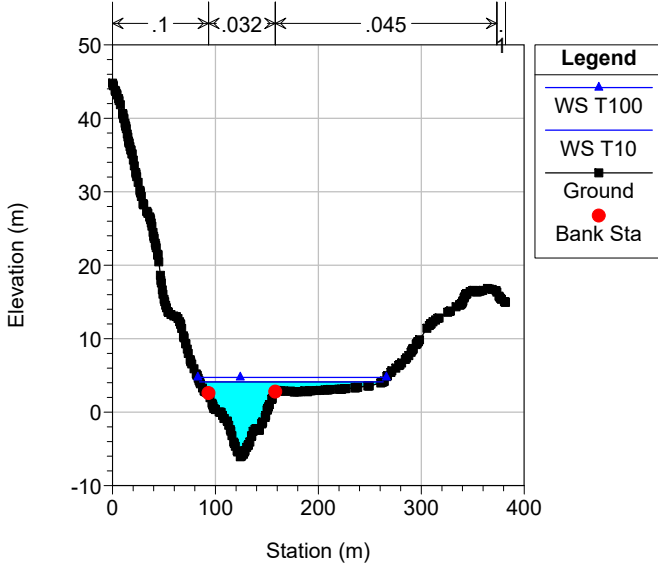
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6662.602



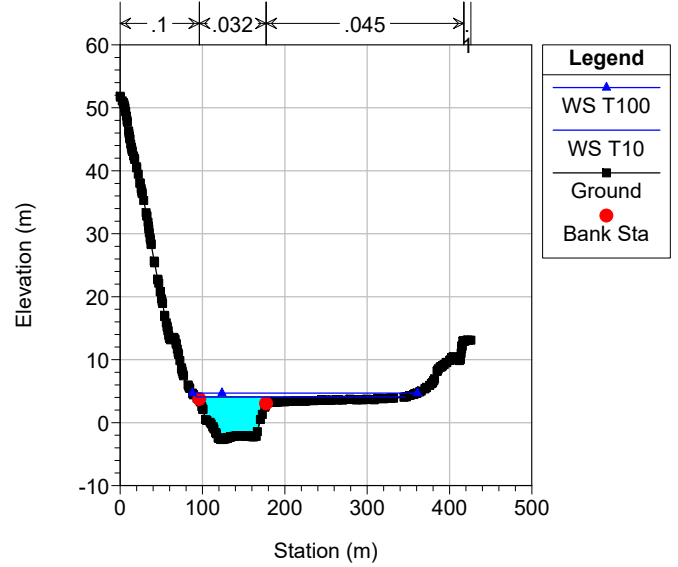
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6535.042



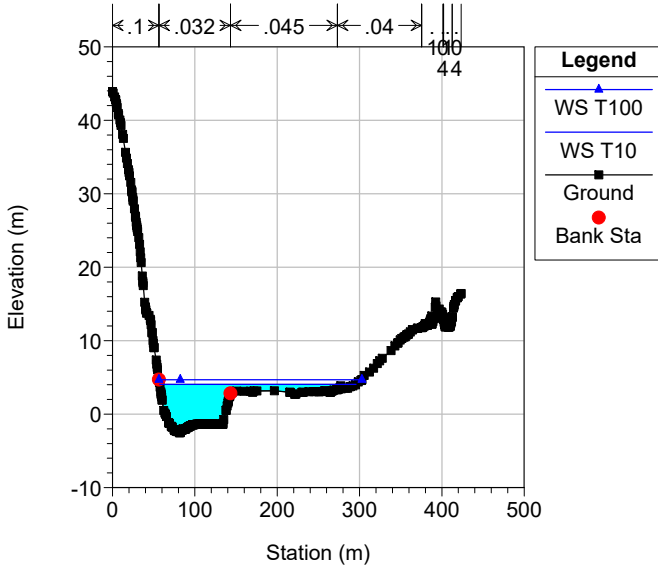
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6431.793



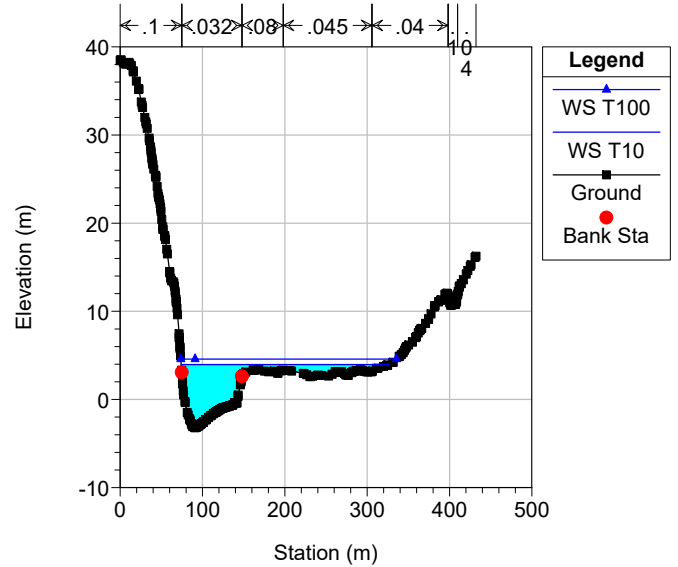
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6304.601



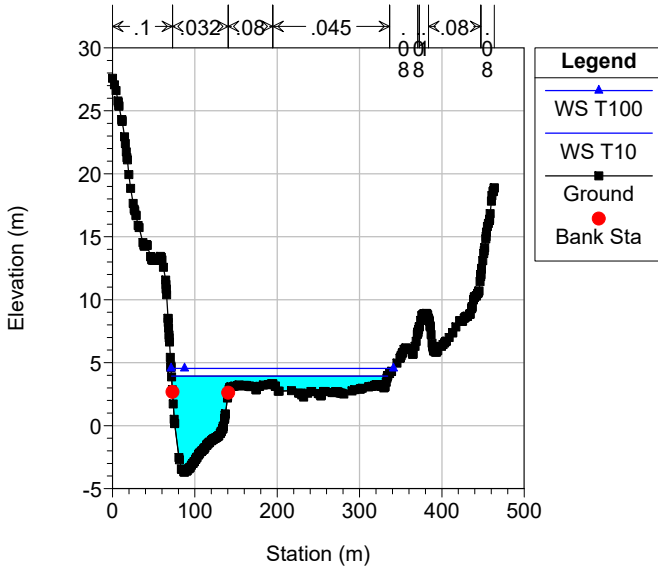
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6189.018



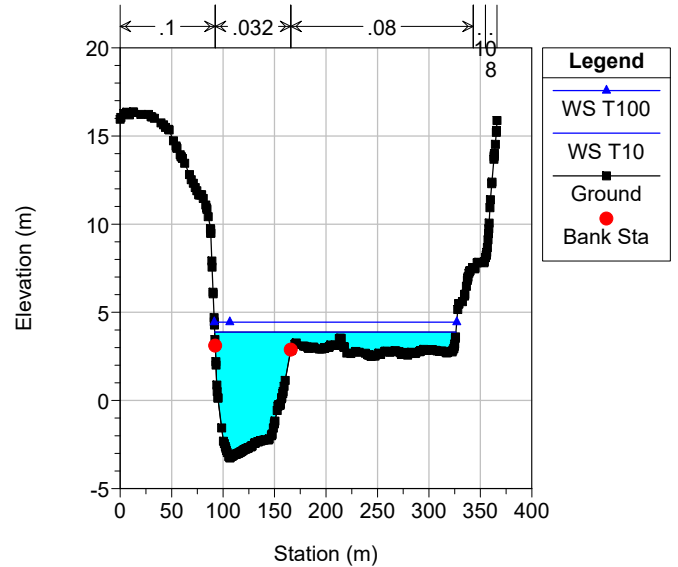
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6080.500



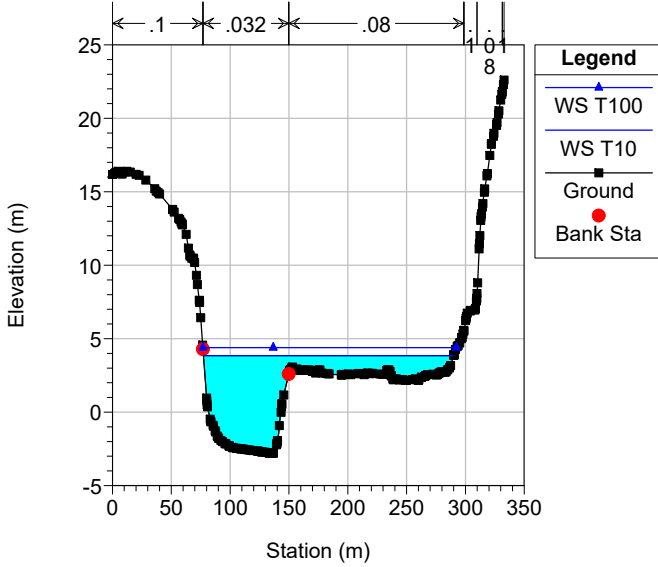
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6008.231



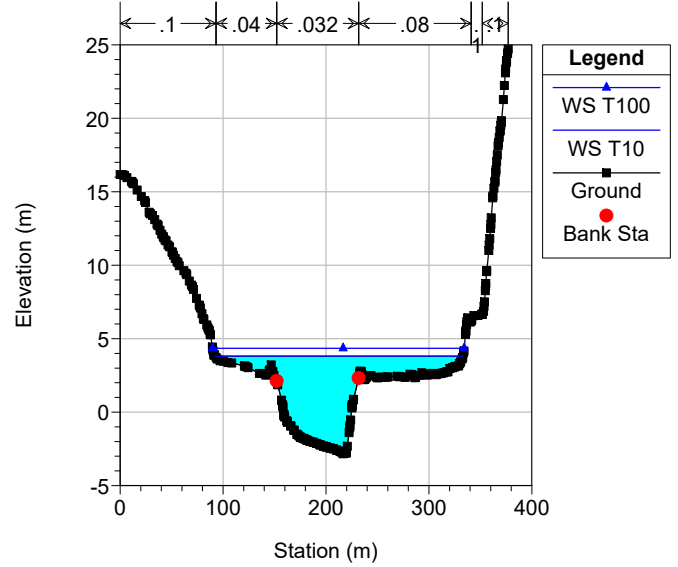
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 5871.649



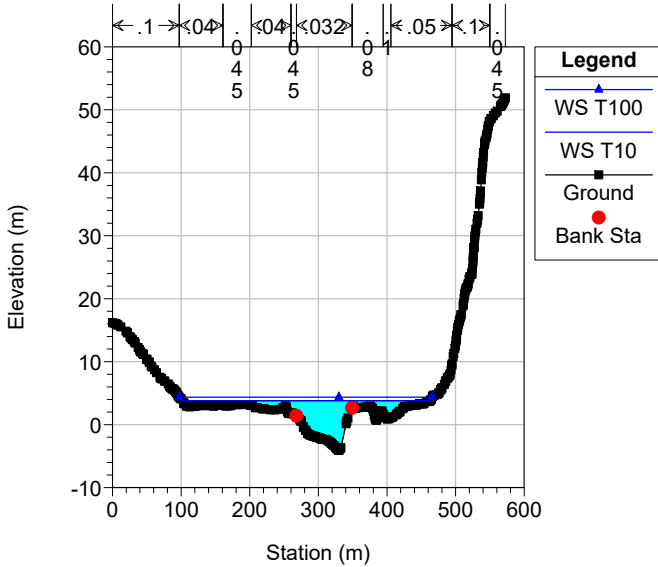
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5790.657



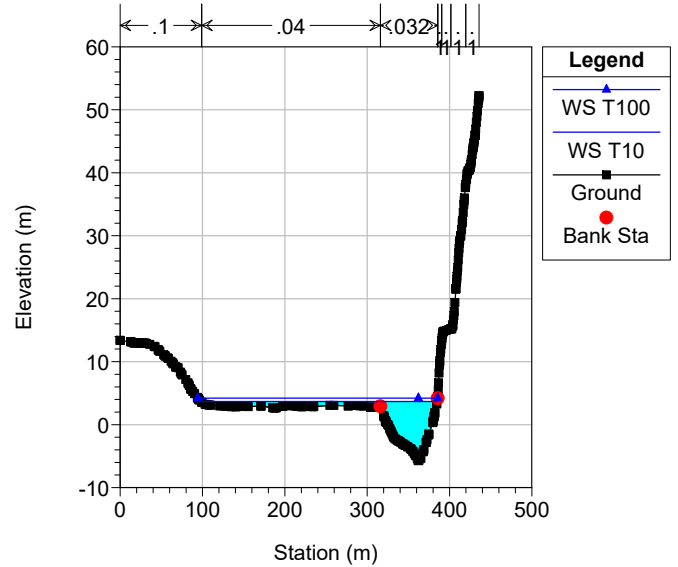
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5682.440



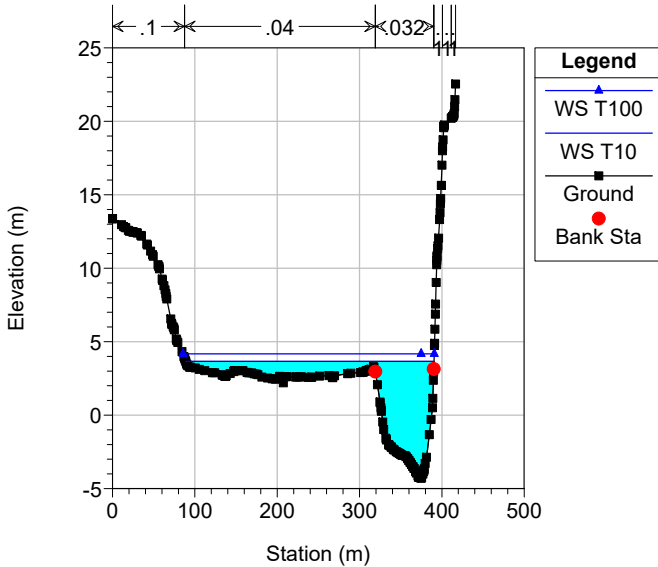
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5556.492



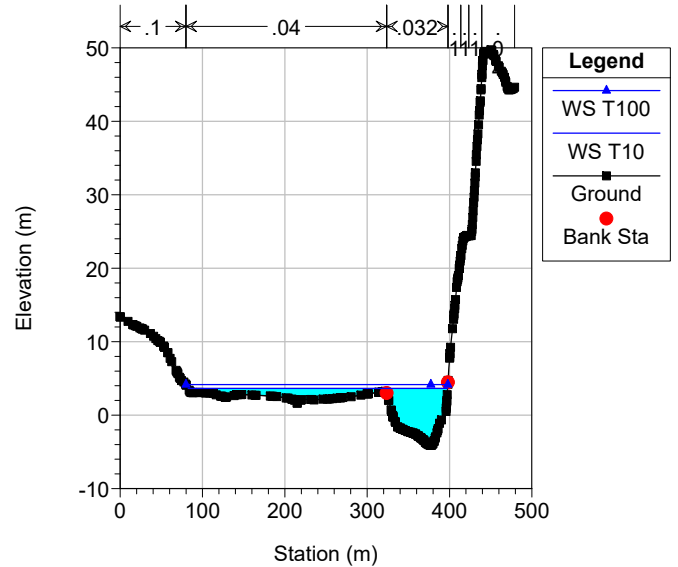
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5401.598



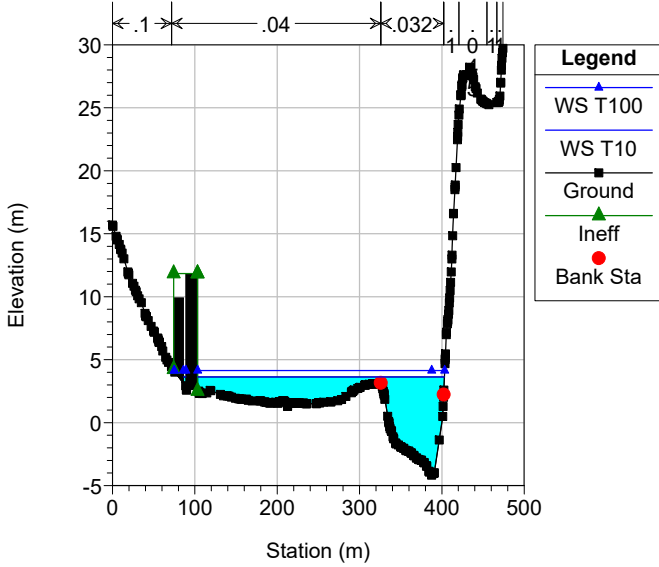
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5280.797



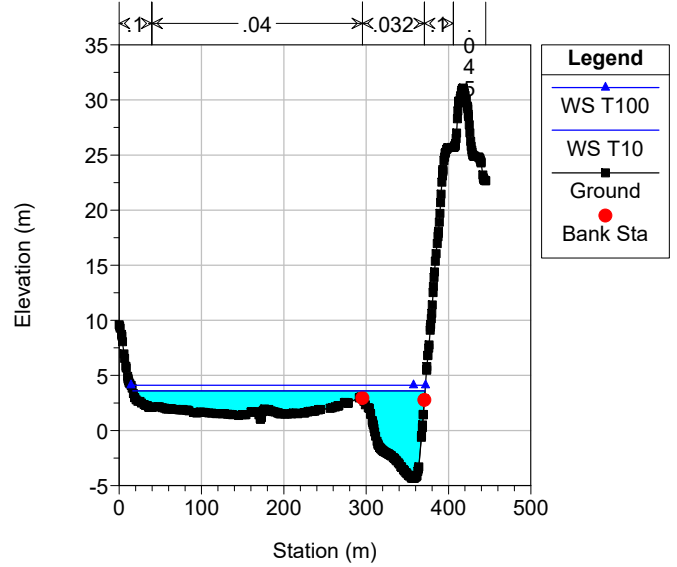
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5179.899



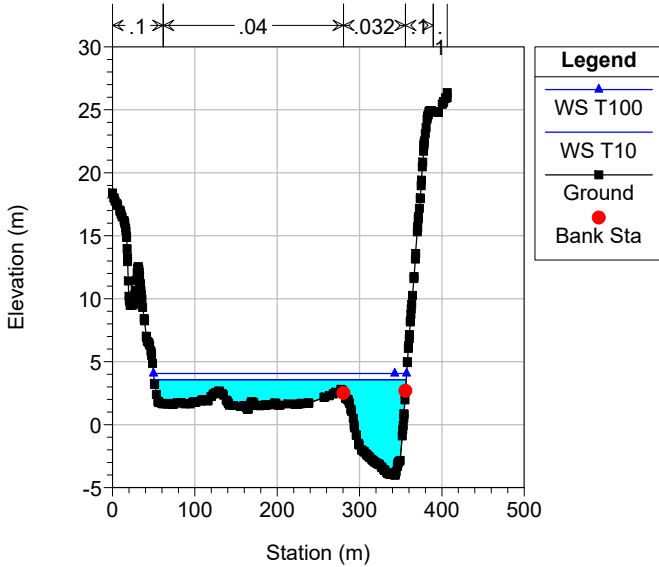
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 5053.822



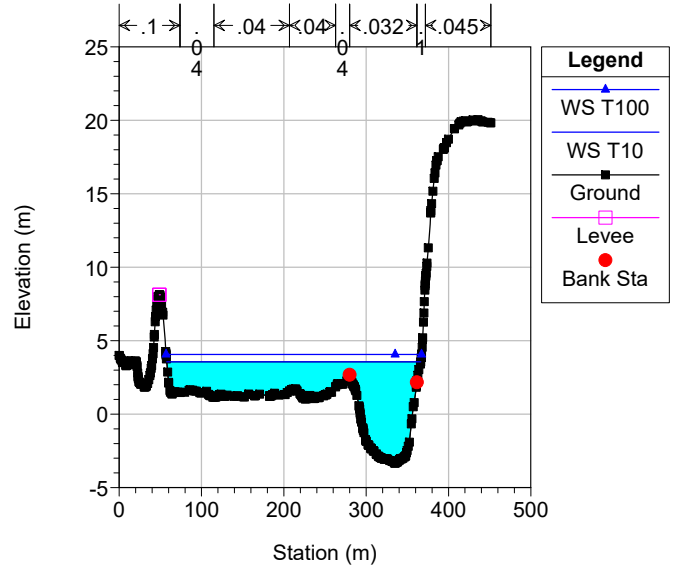
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4895.147



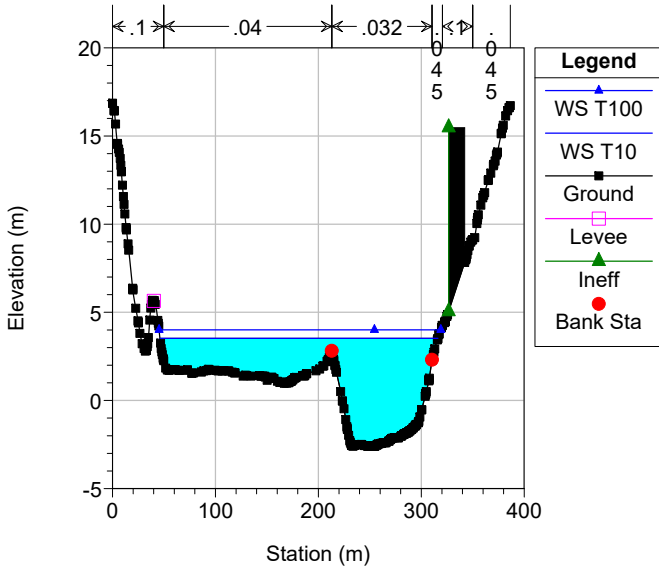
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4805.383



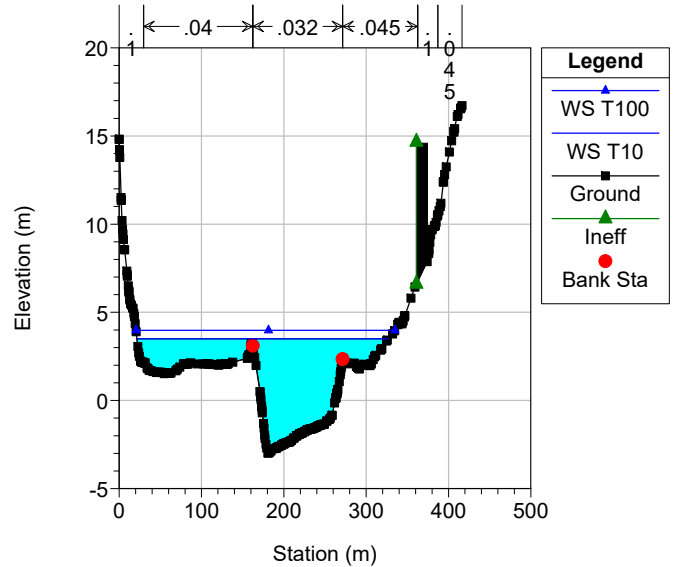
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4733.880



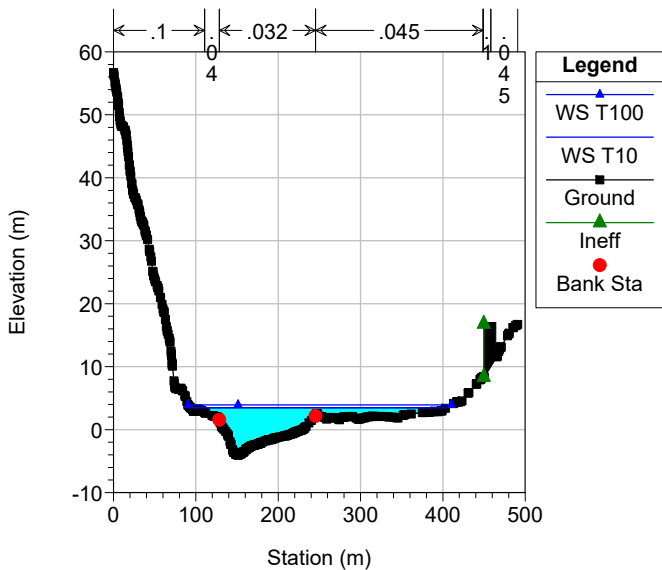
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4583.286



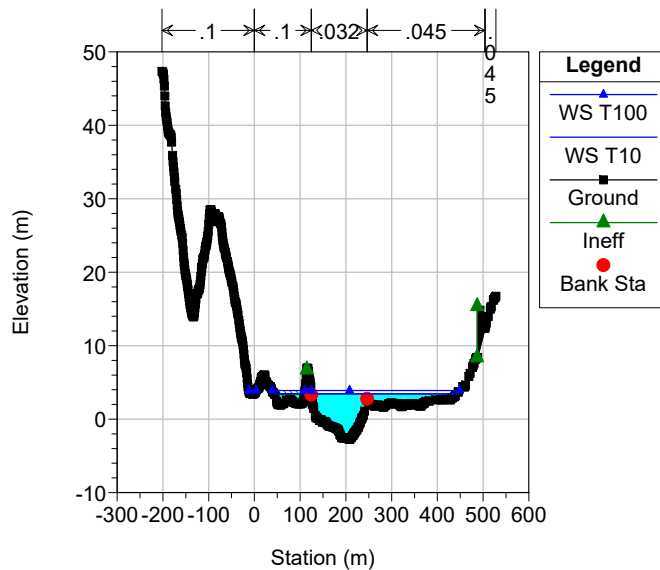
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 River = ORIA Reach = ORIA-2REGATA RS = 4507.483



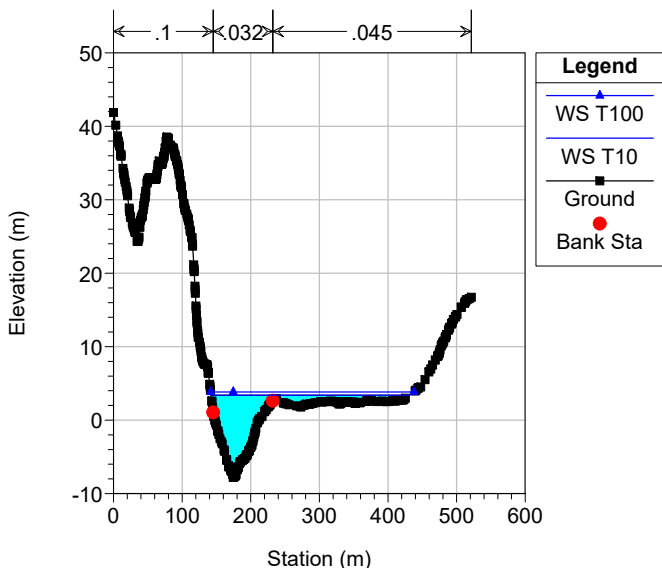
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4356.233



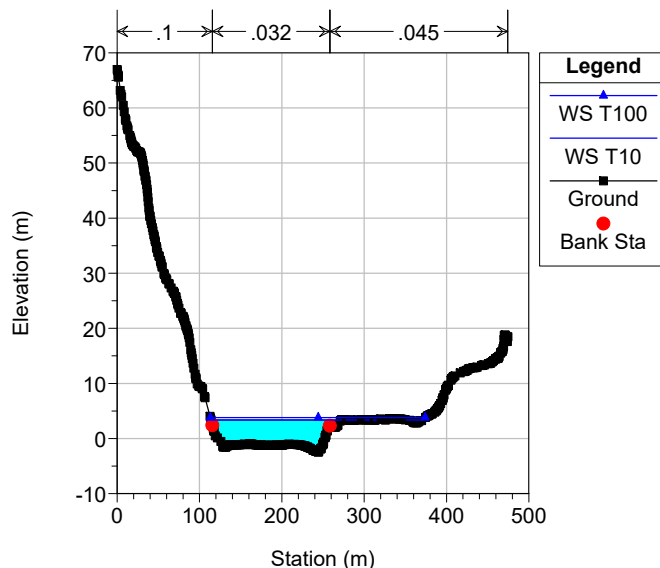
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4259.779



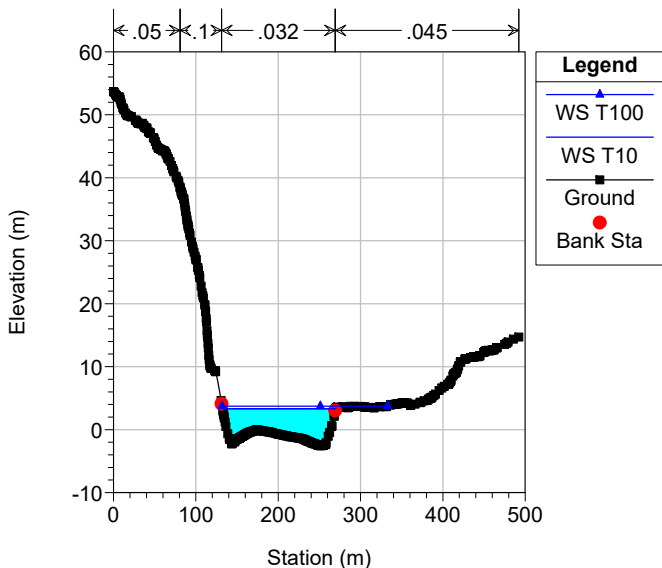
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4158.449



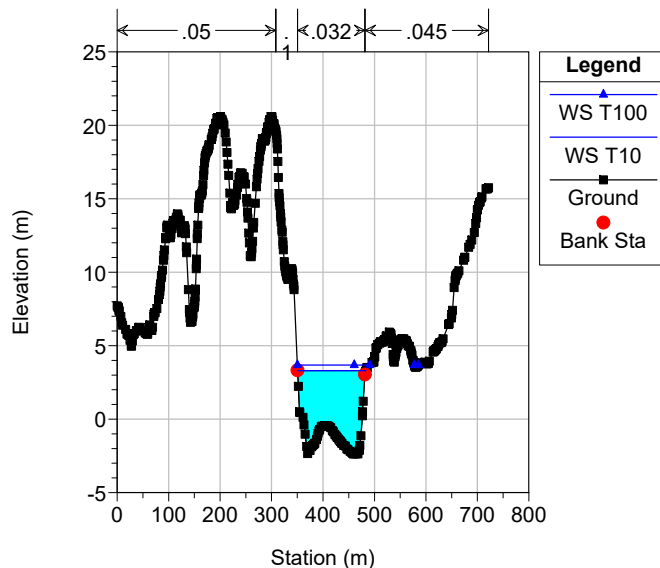
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3974.194



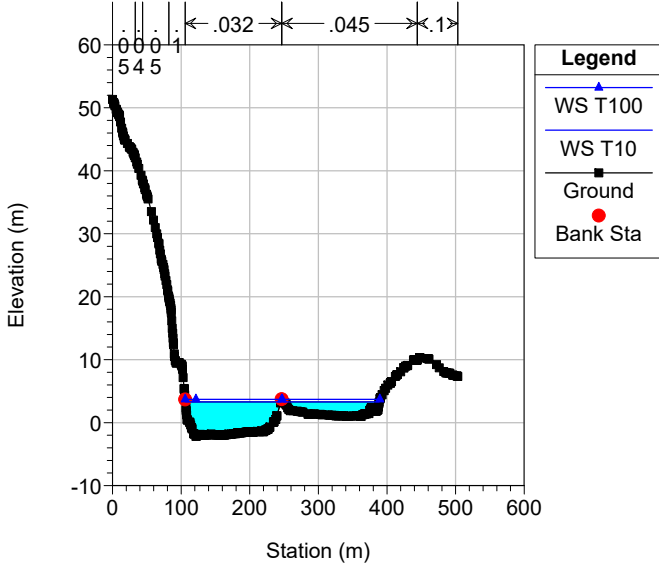
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3886.724



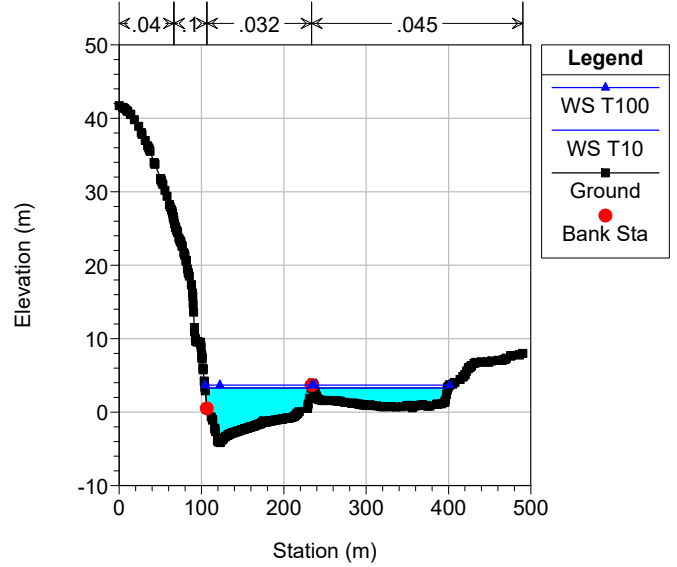
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3808.914



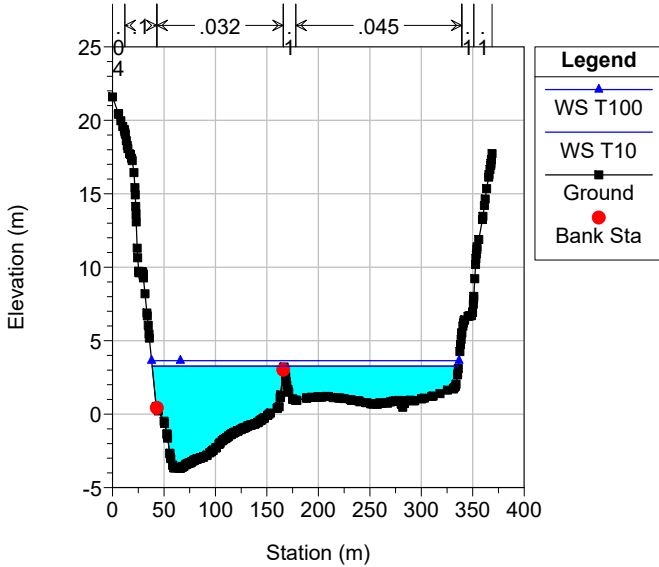
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3658.406



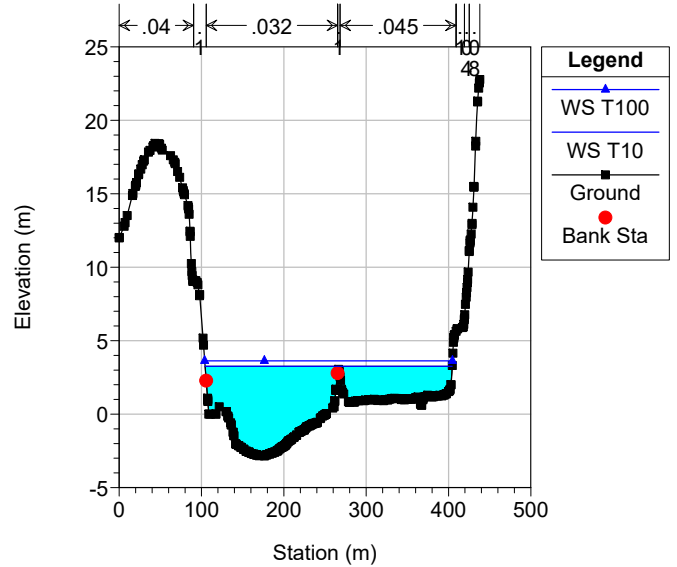
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3566.720



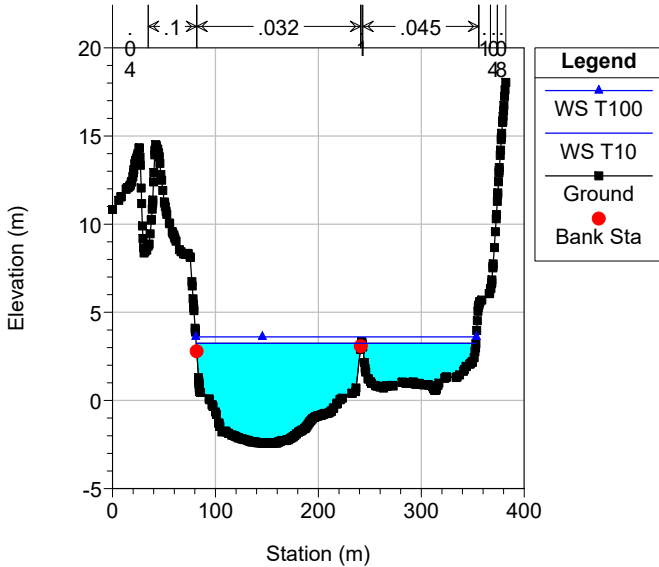
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3442.677



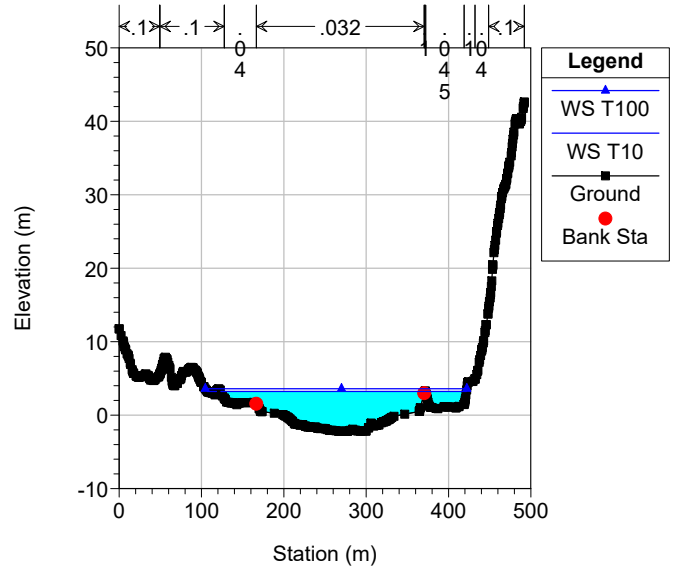
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3337.678



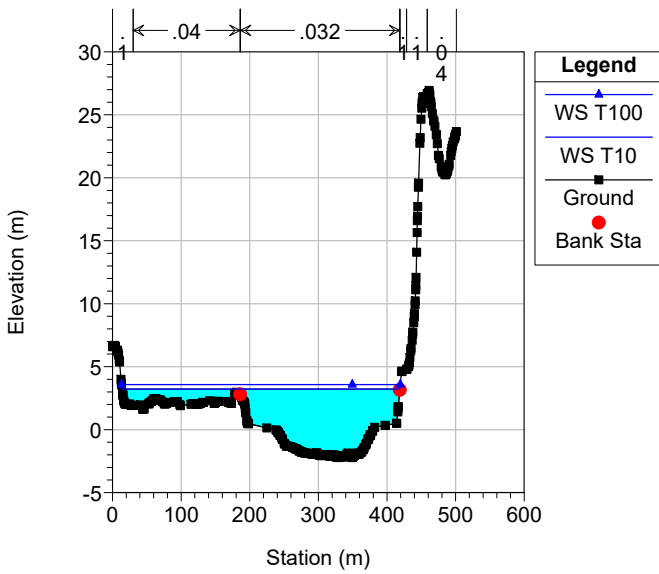
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3270.399



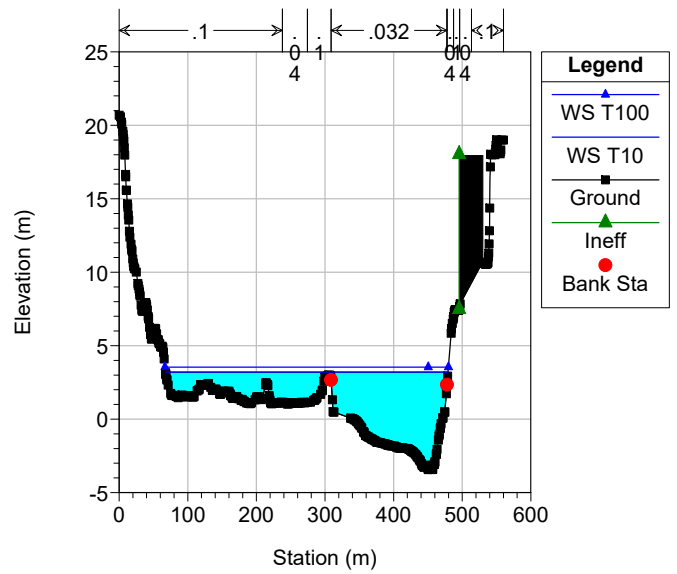
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3154.791



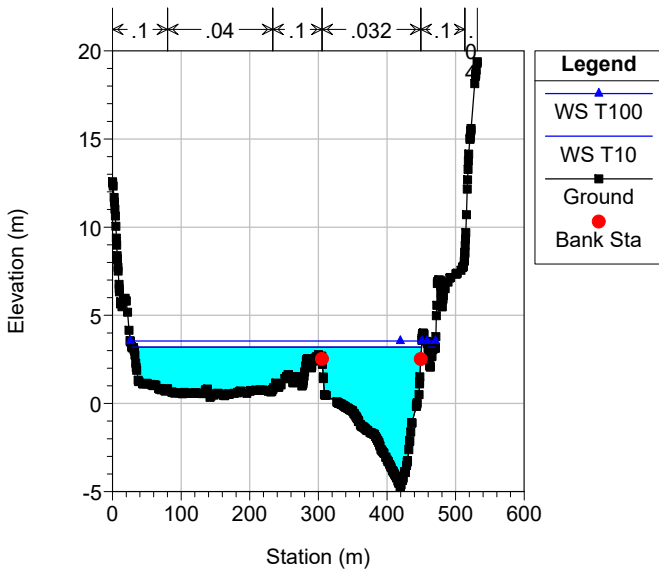
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 3051.658



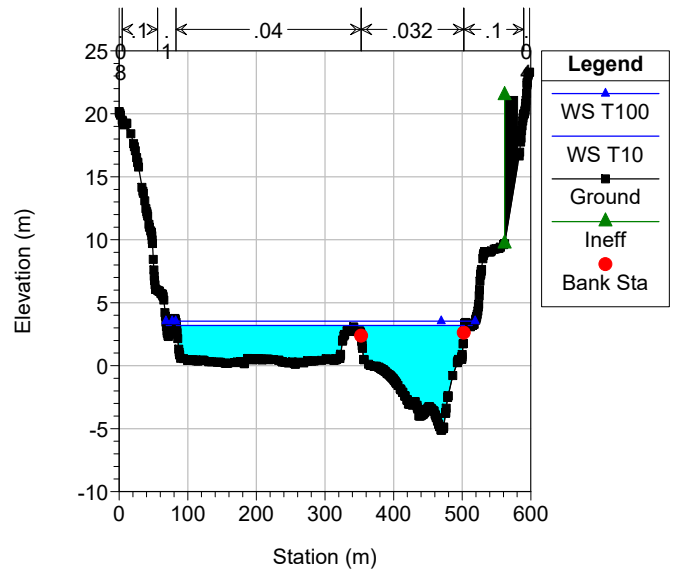
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 2911.274



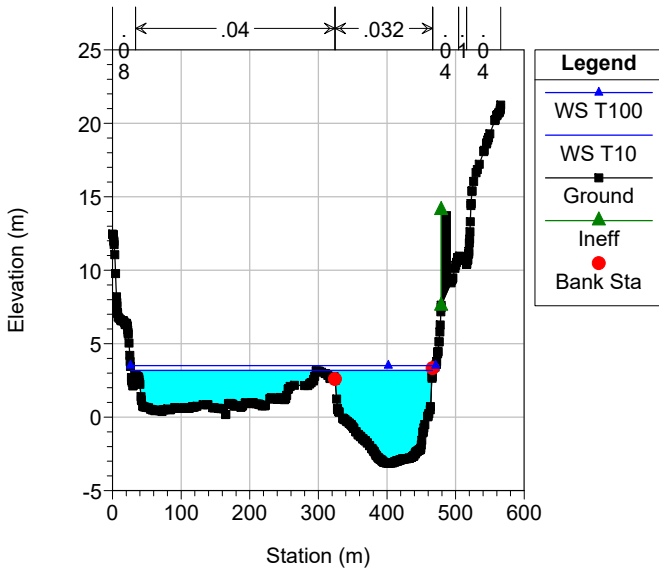
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 2822.969



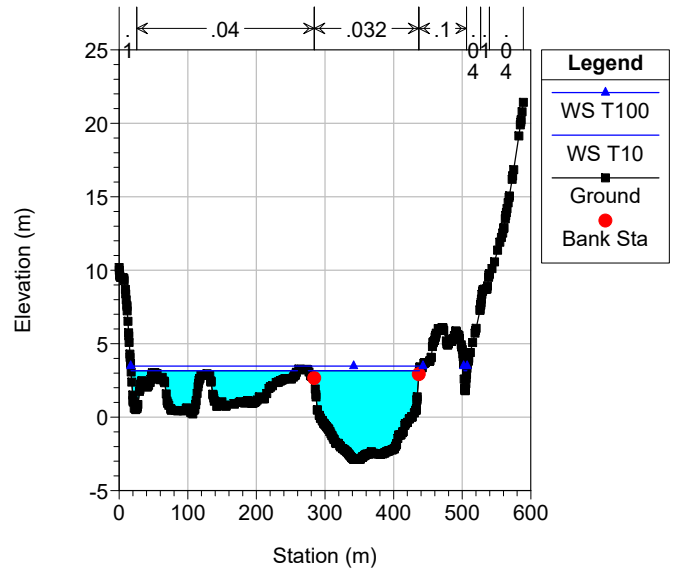
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 2720.568



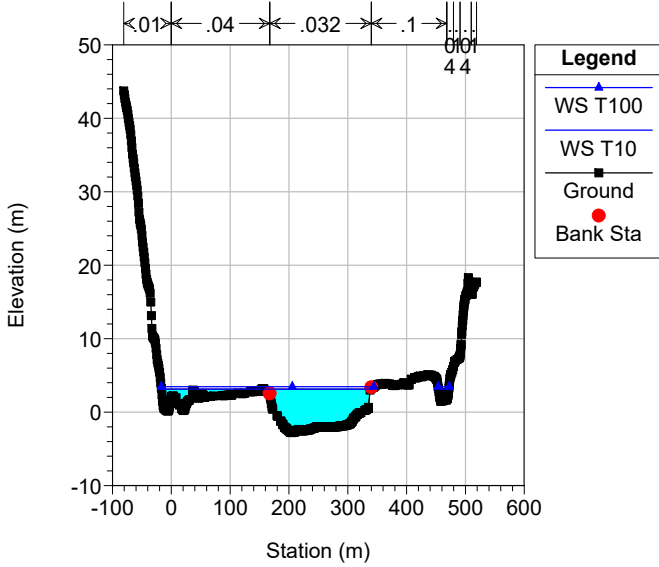
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 2634.605



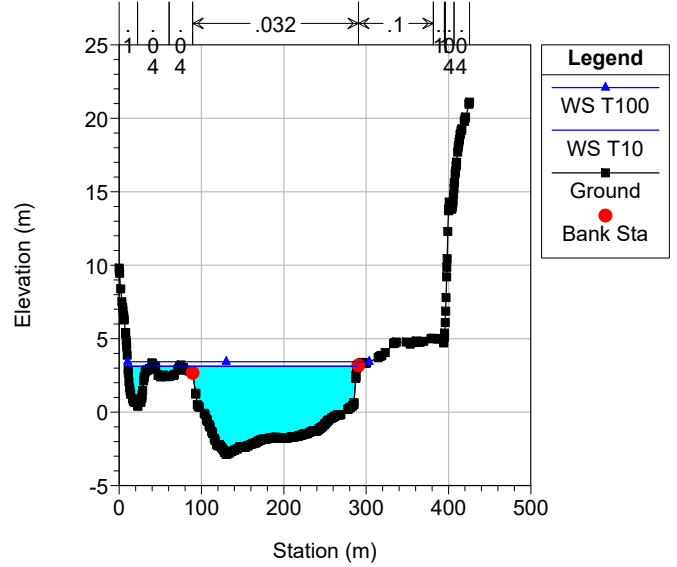
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 2544.922



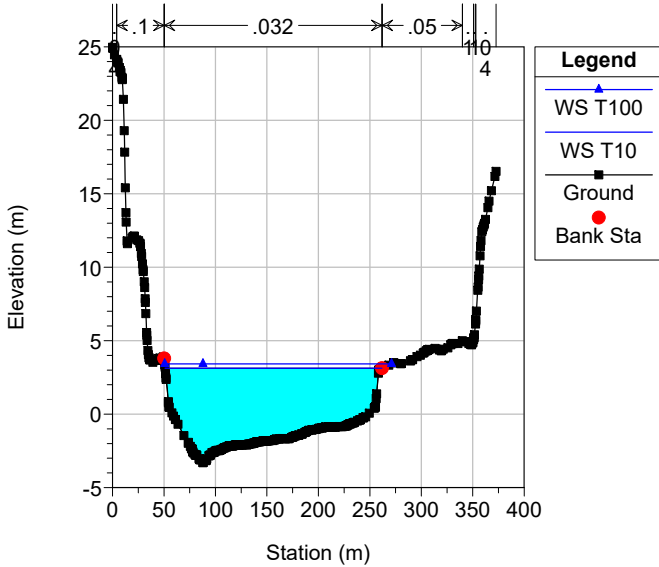
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2427.927



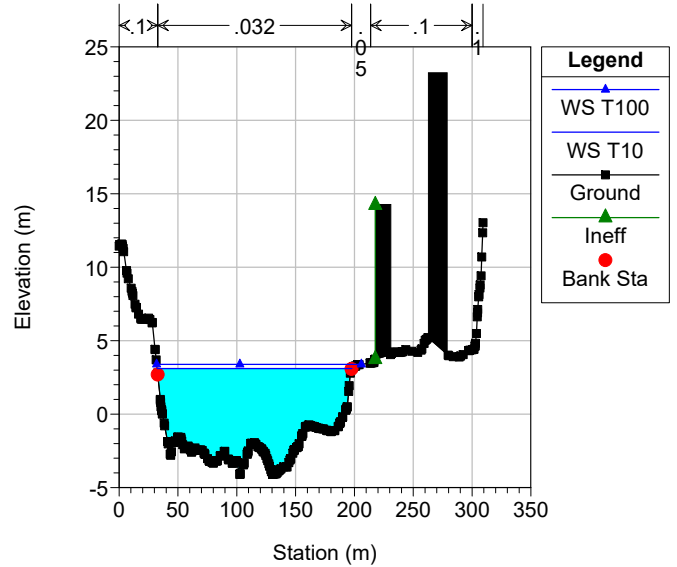
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2339.462



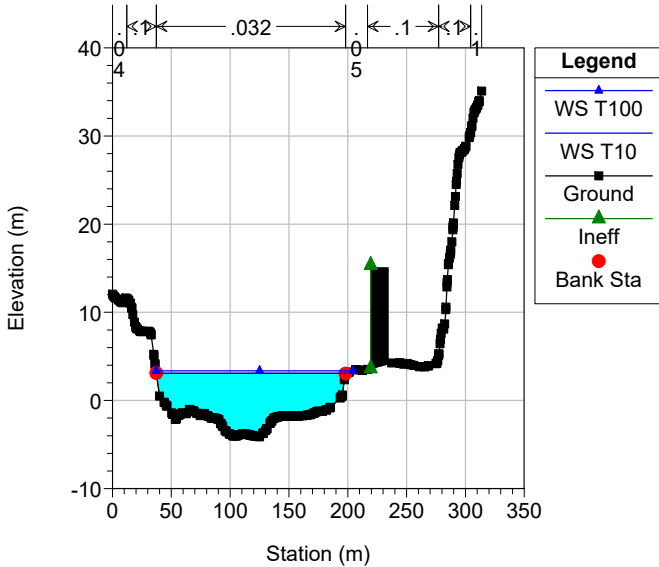
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2269.400



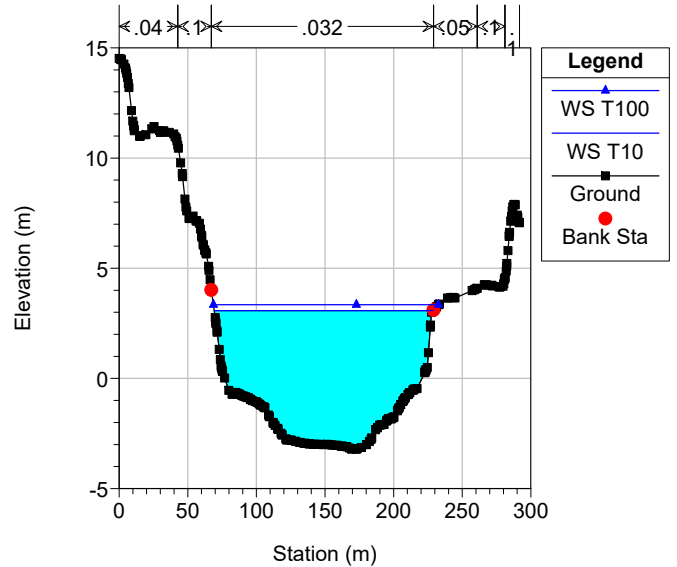
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2161.252



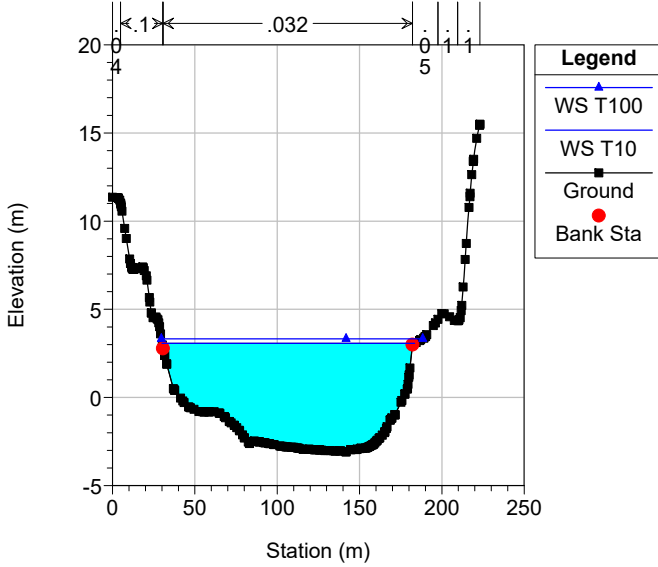
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2119.406



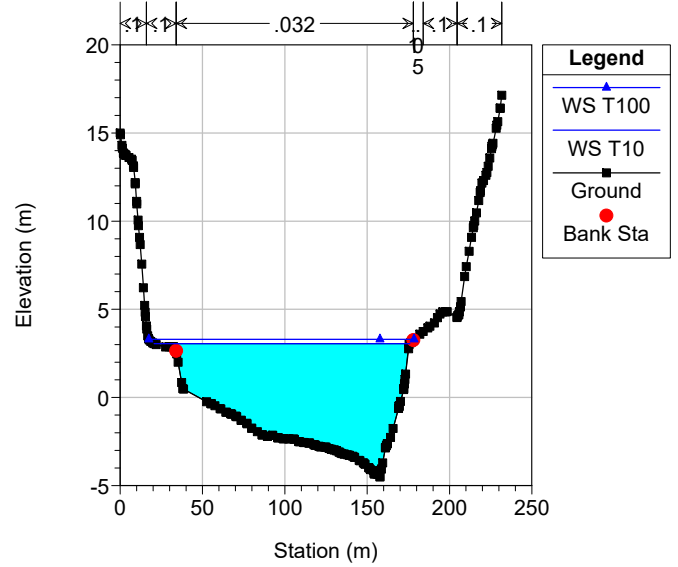
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2058.987



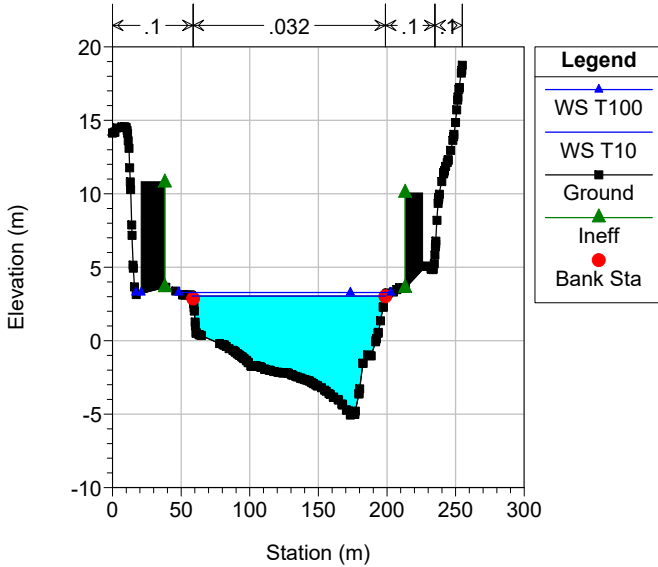
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 2033.004



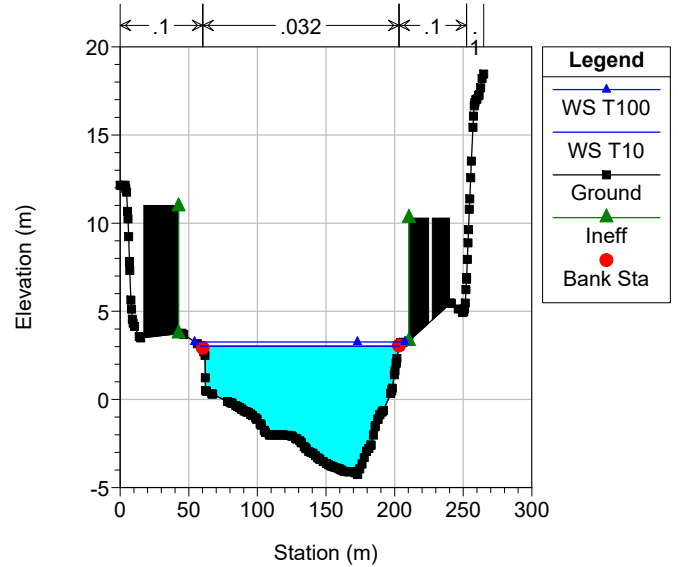
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1983.467



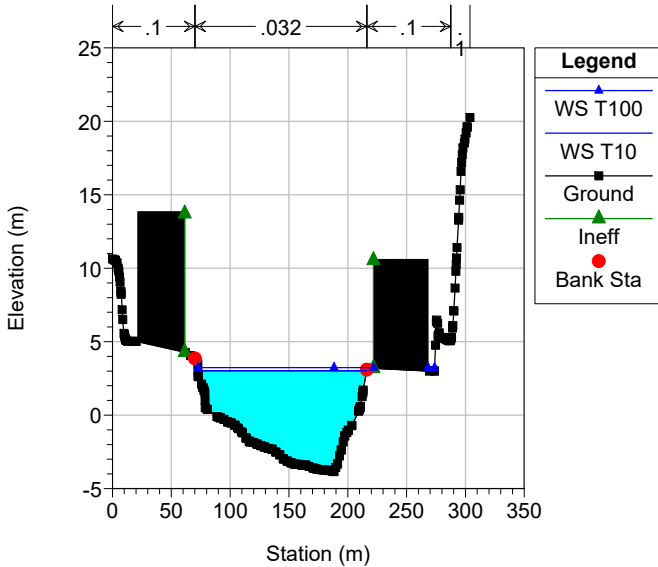
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1935.376



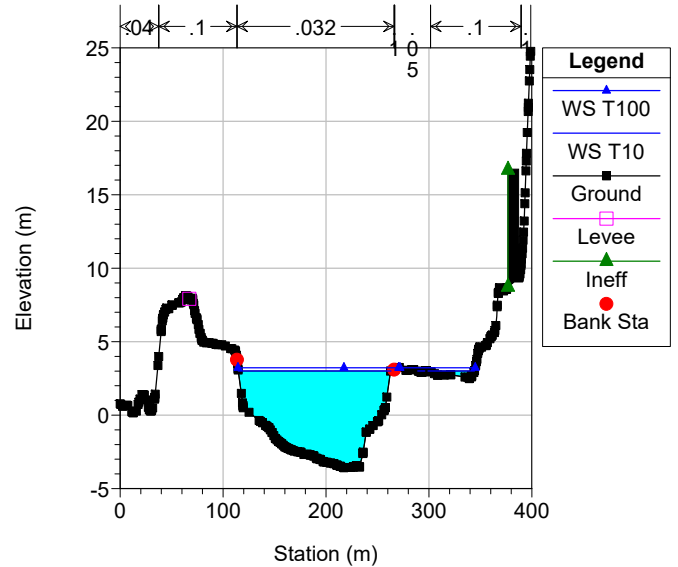
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1884.235



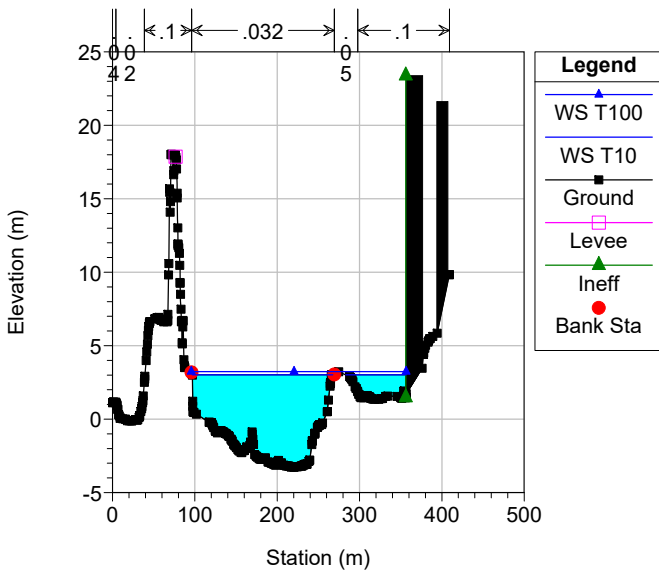
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1831.032



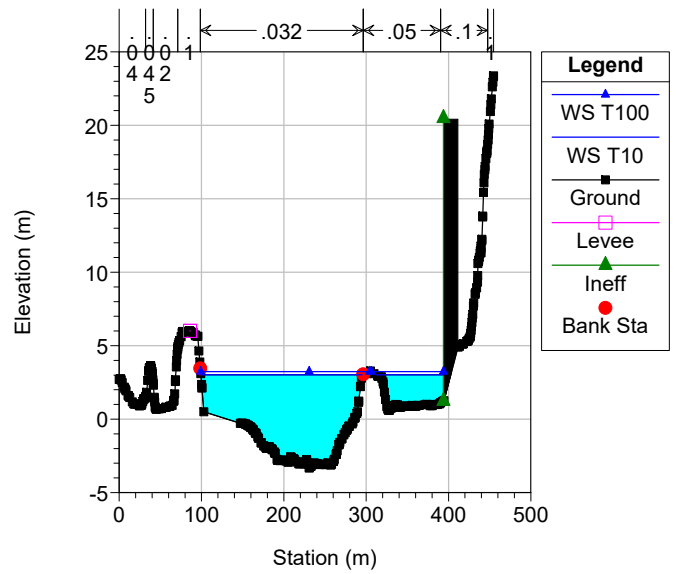
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1779.842



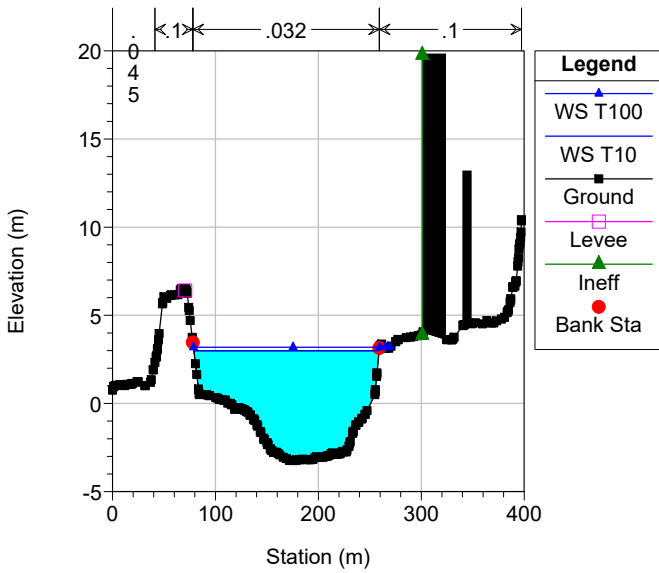
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1730.022



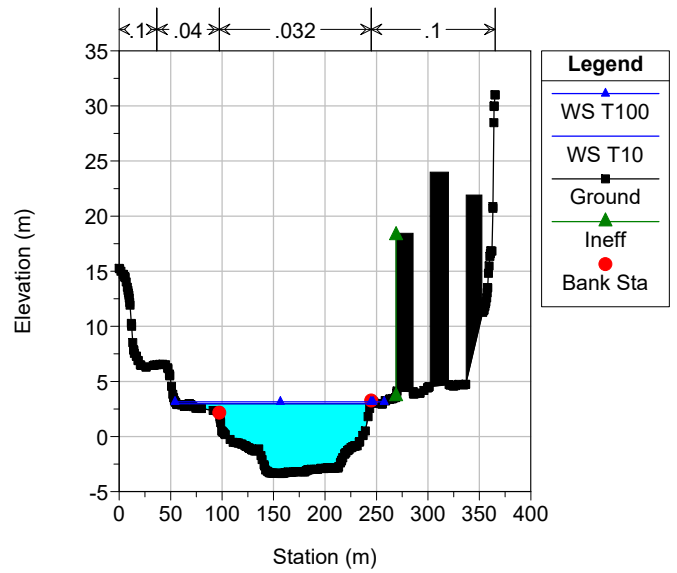
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1661.702



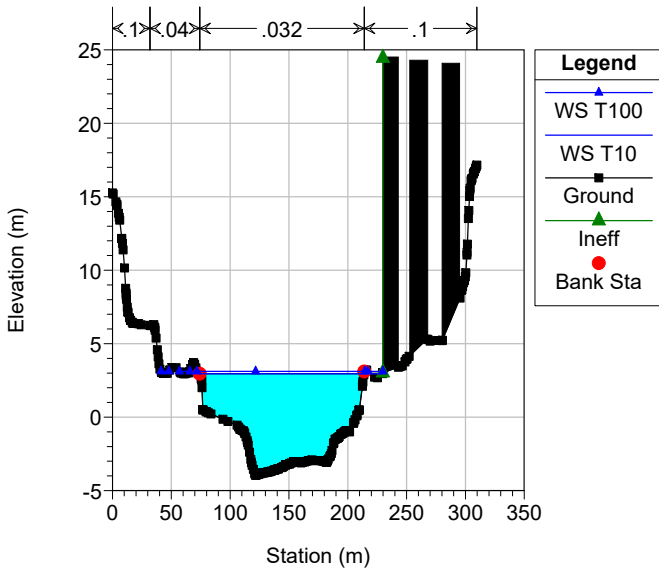
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1578.735



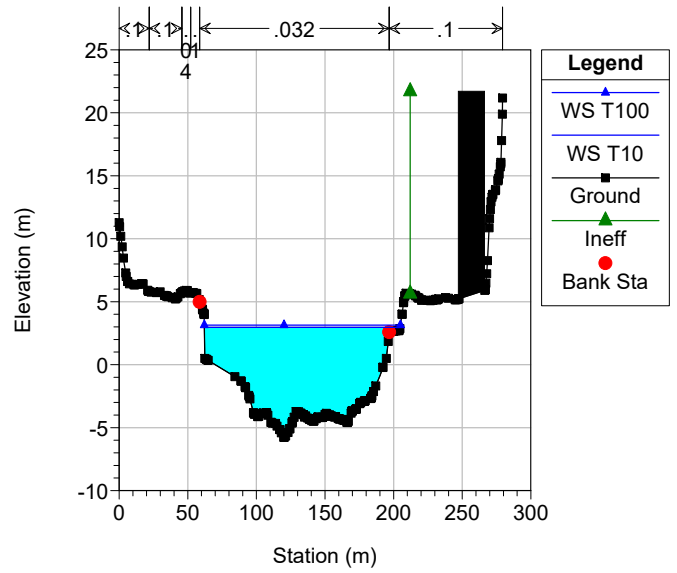
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1553.596



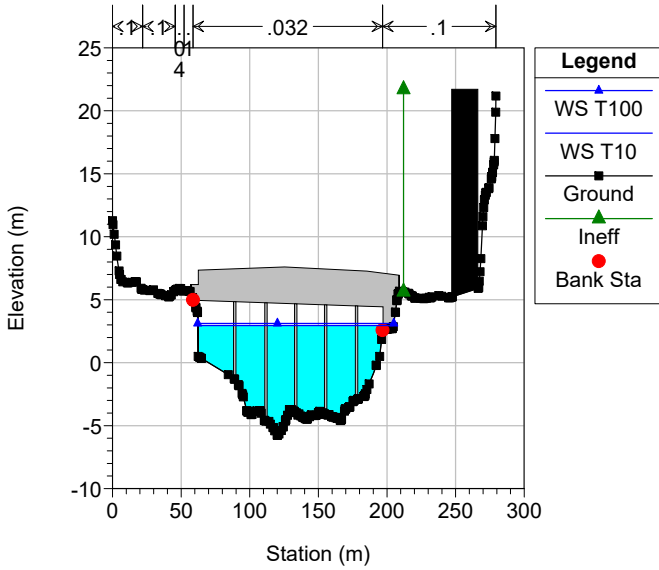
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1514.229



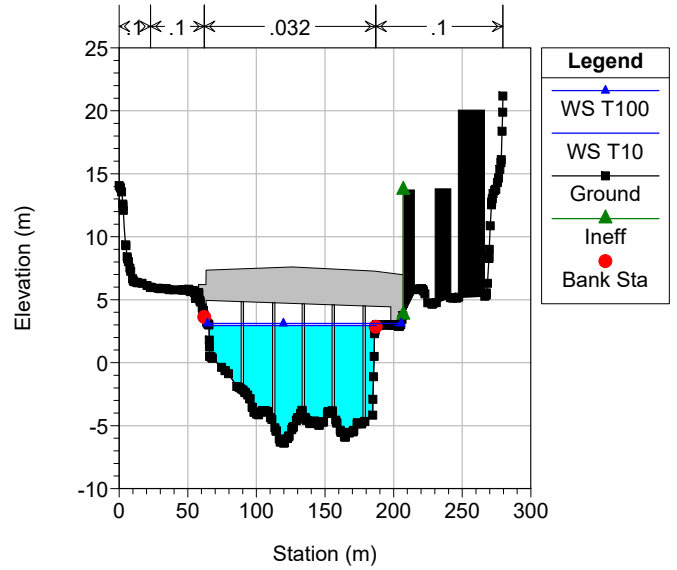
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1477.101



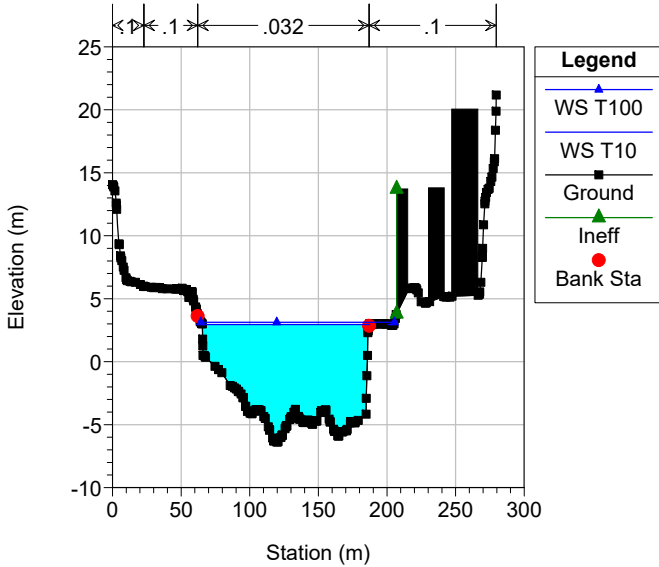
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1471.015 BR



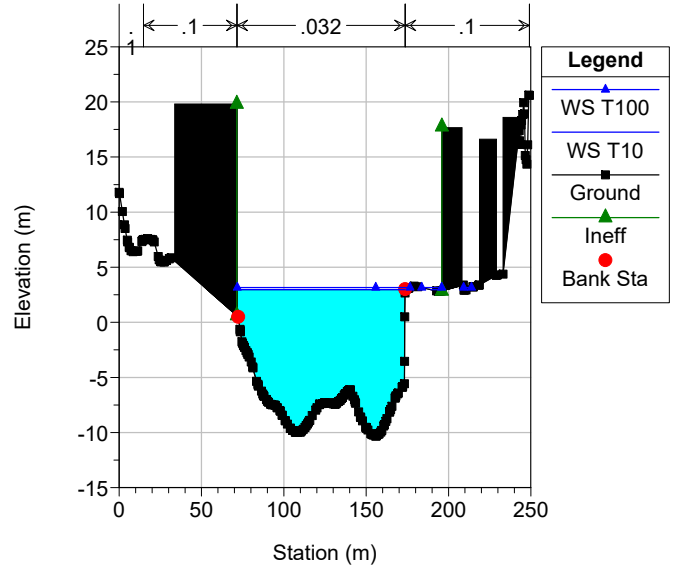
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1471.015 BR



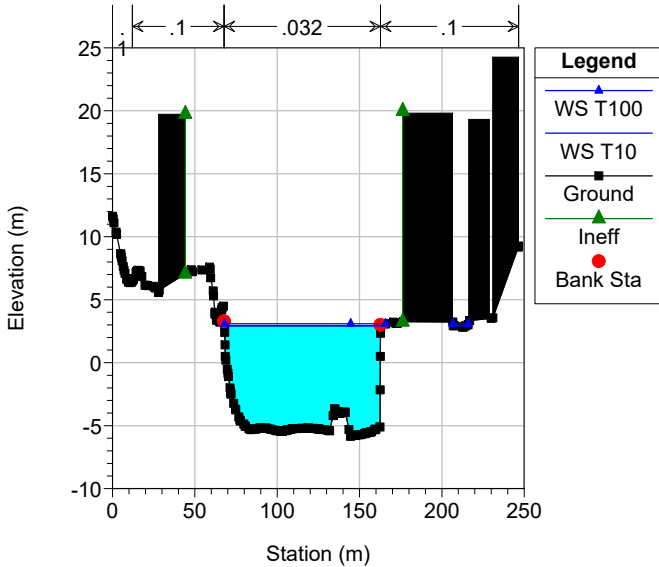
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1465.333



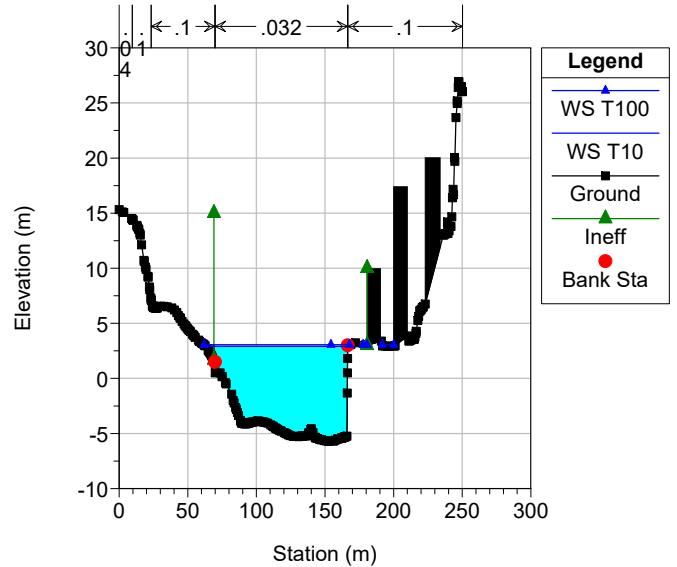
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1434.906



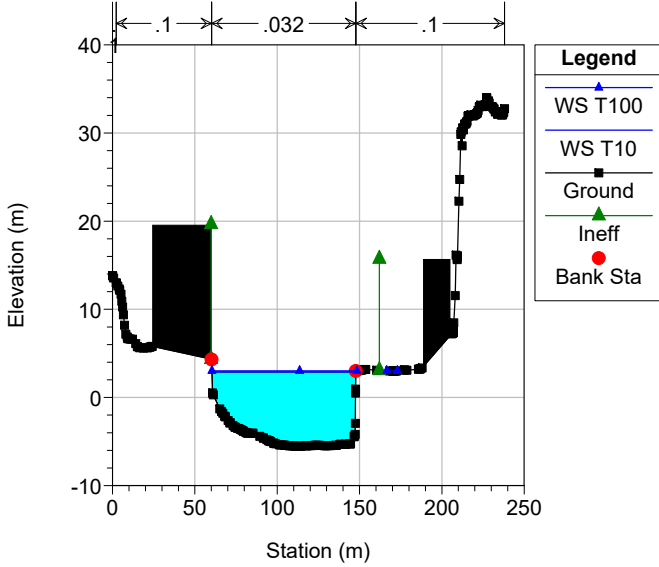
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1387.195



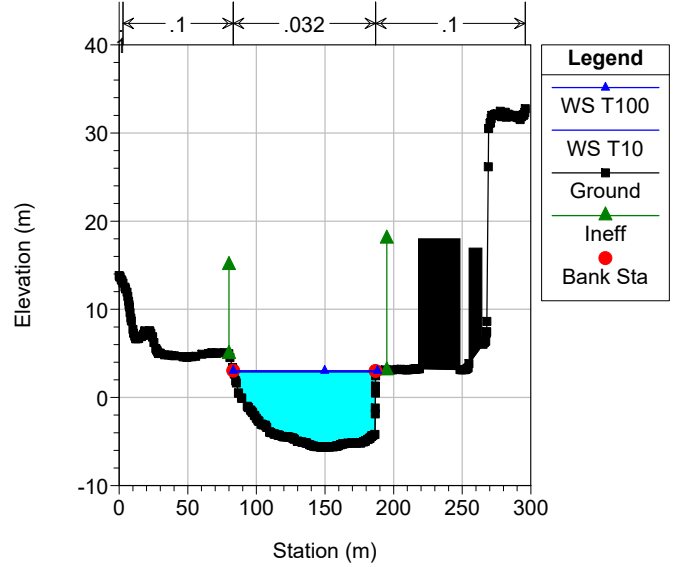
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1348.897



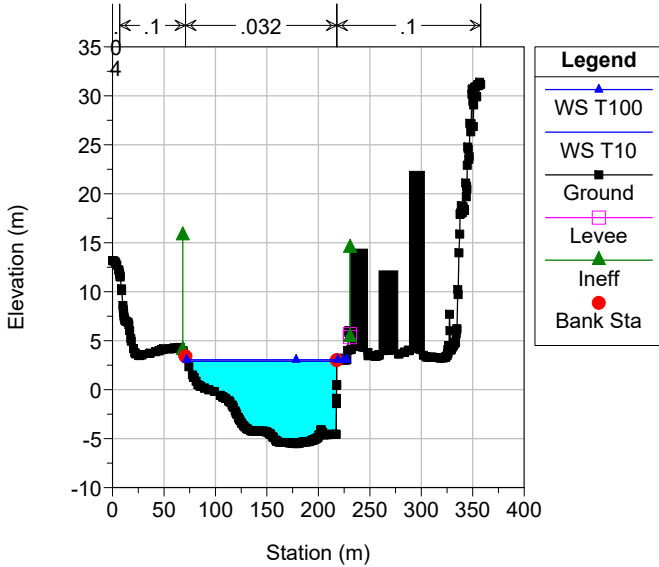
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1286.482



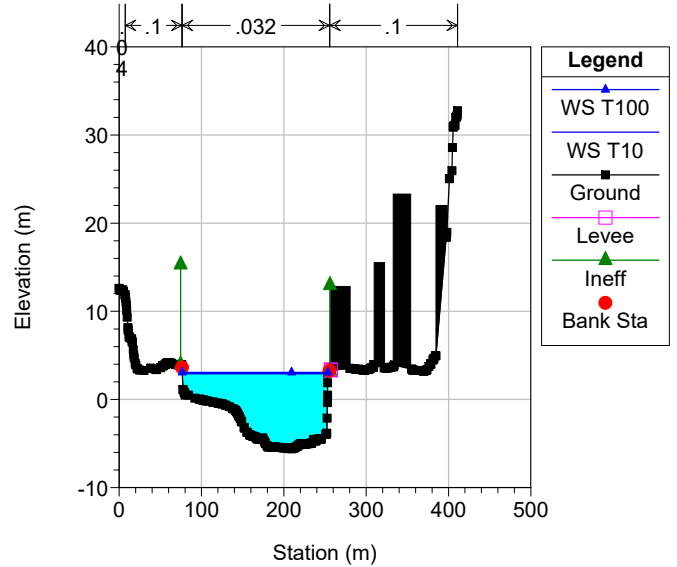
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1241.408



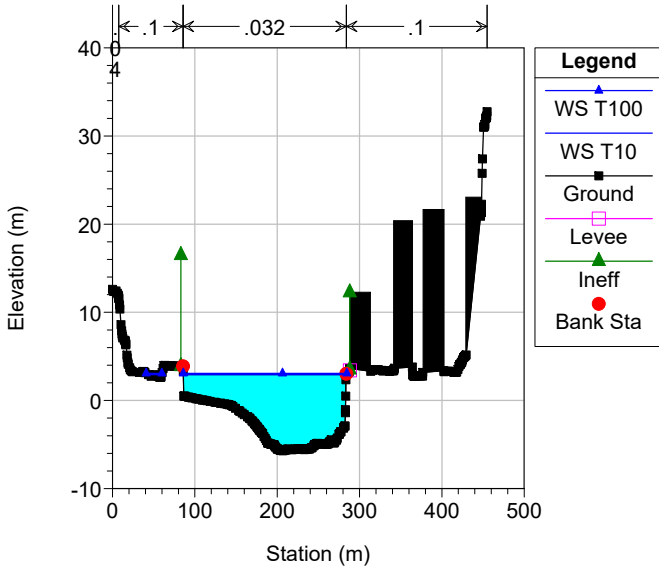
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1194.451



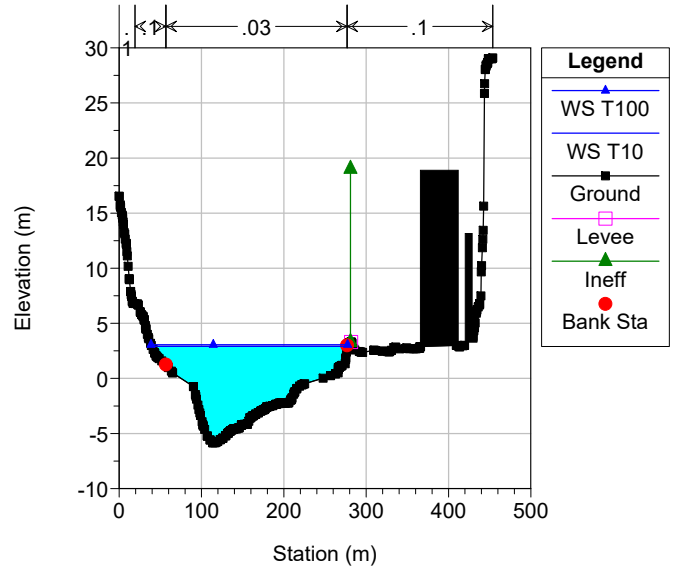
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1156.984



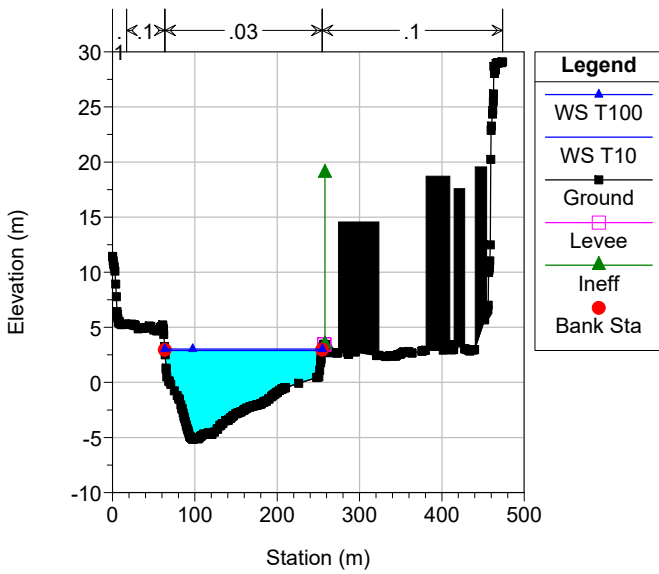
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1133.869



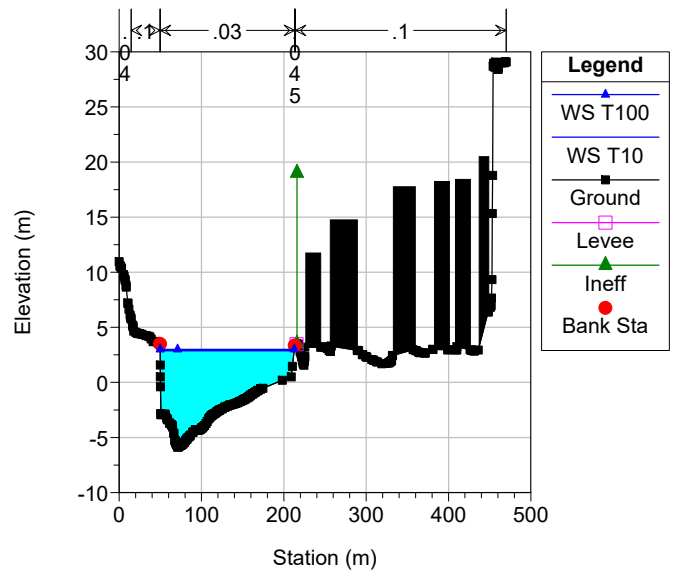
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 1037.507



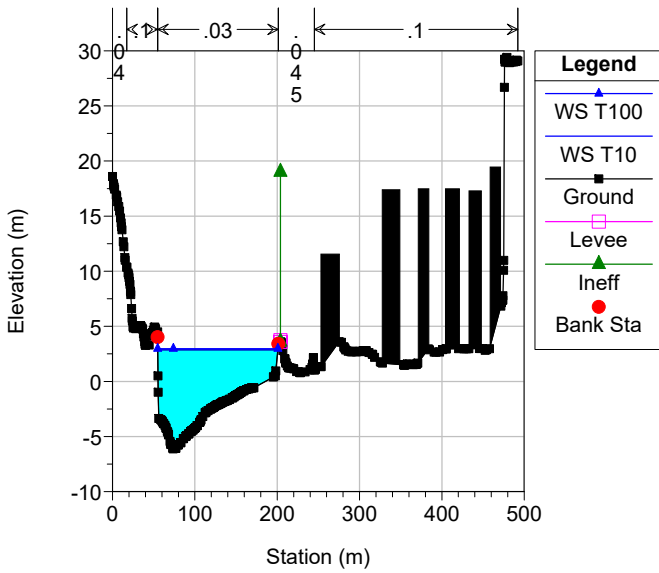
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-1 RS = 986.9419



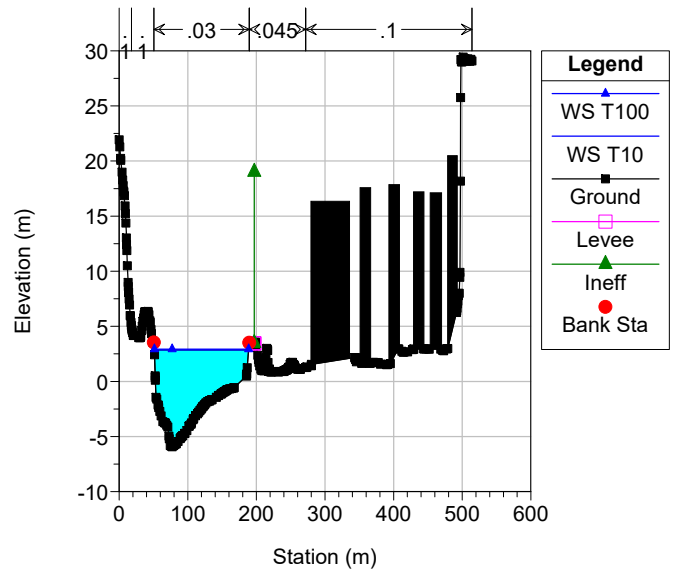
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-1 RS = 935.5785



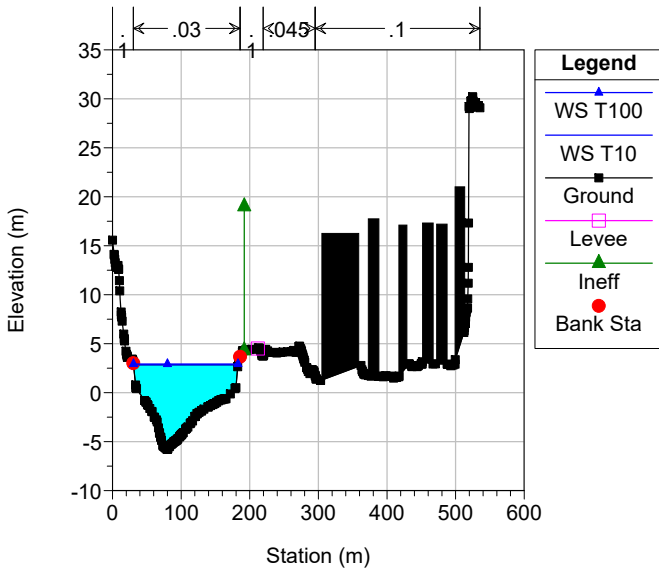
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-1 RS = 886.6628



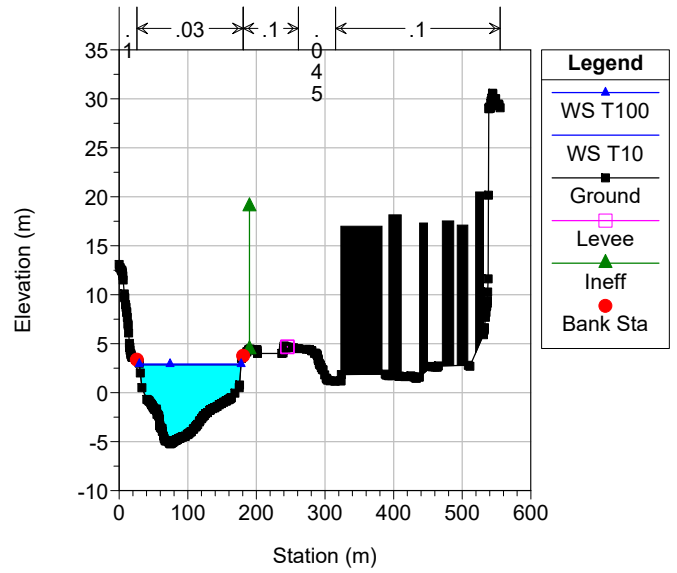
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-1 RS = 831.8651



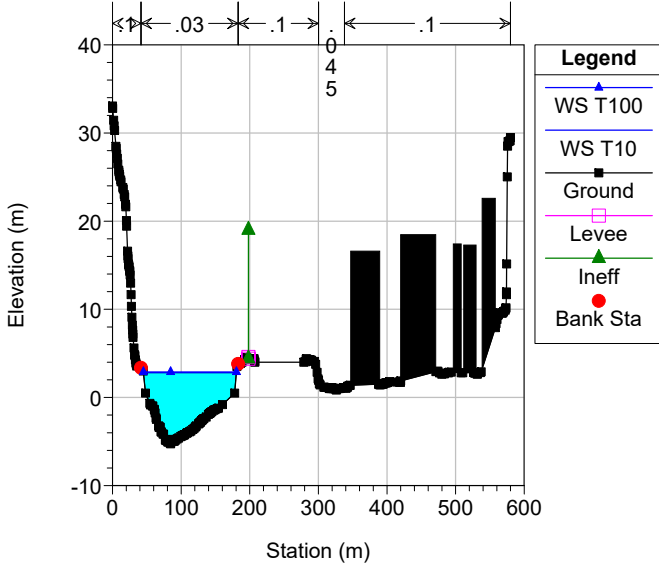
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-1 RS = 790.4279



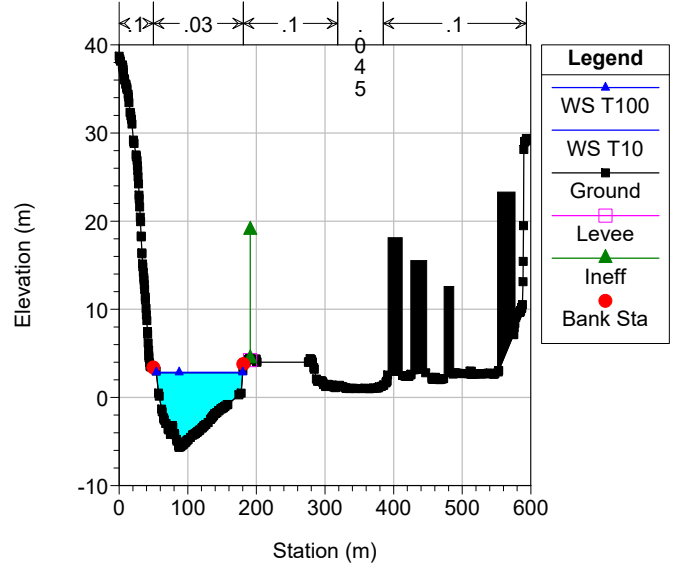
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-1 RS = 742.9493



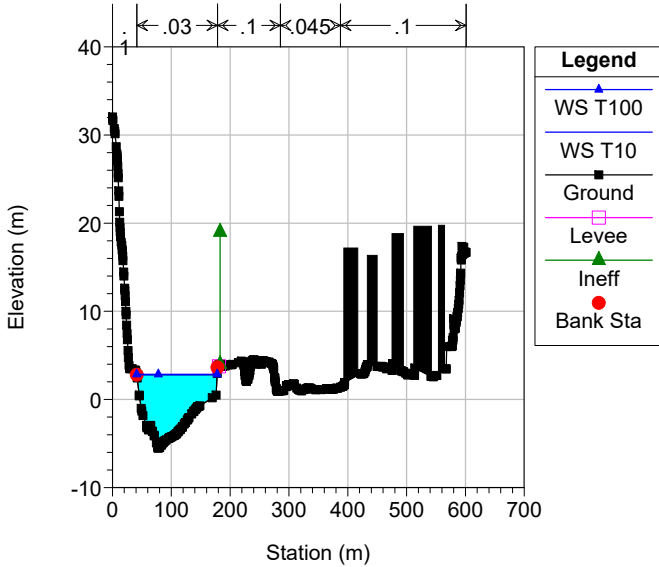
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 704.7355



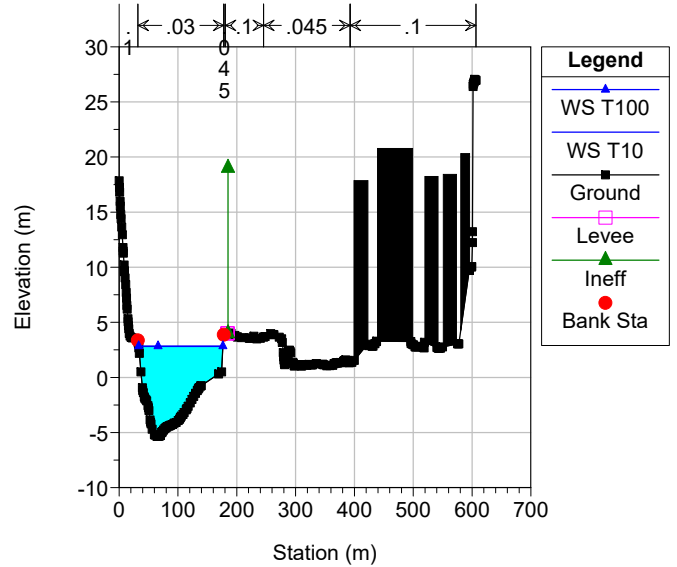
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 654.5527



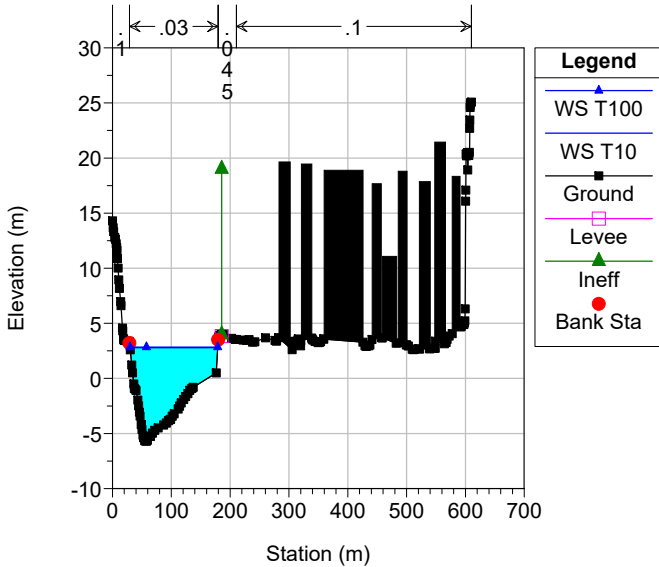
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 605.1155



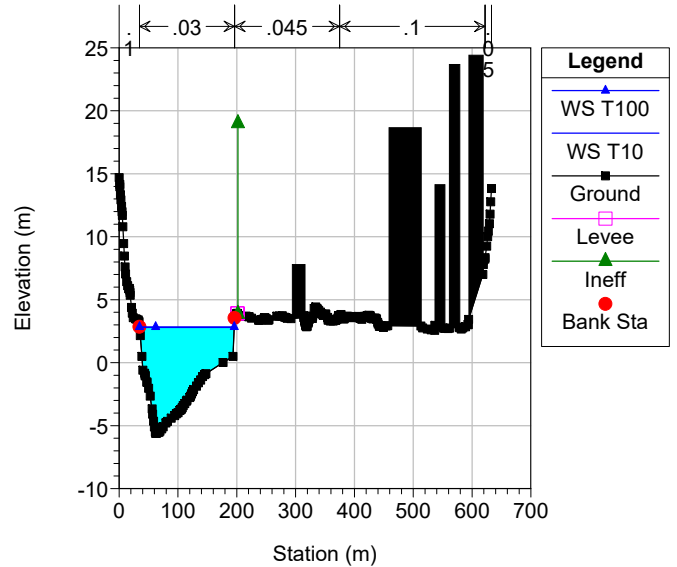
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 556.4642



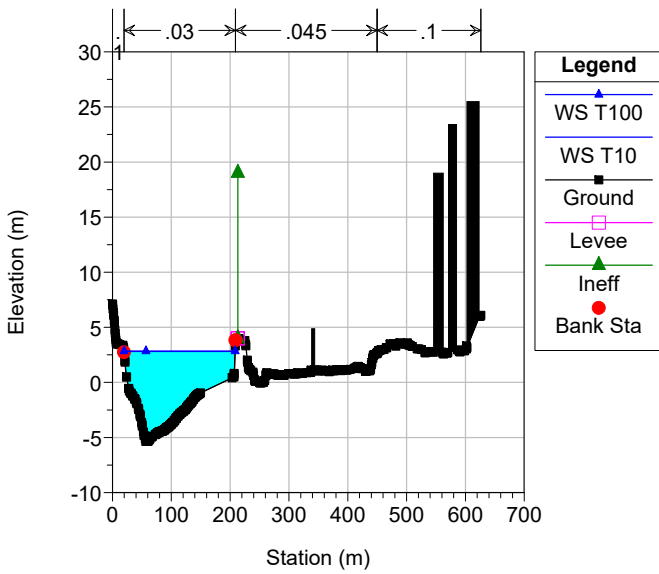
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 River = ORIA Reach = ORIA-1 RS = 513.2202



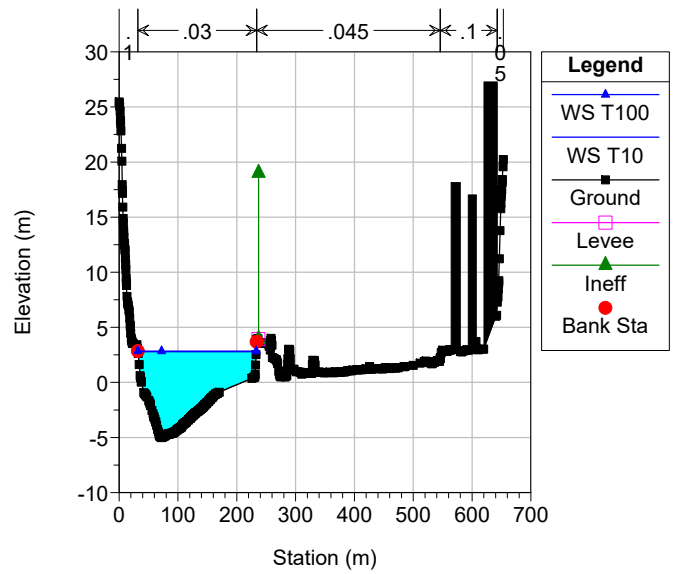
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 481.5066



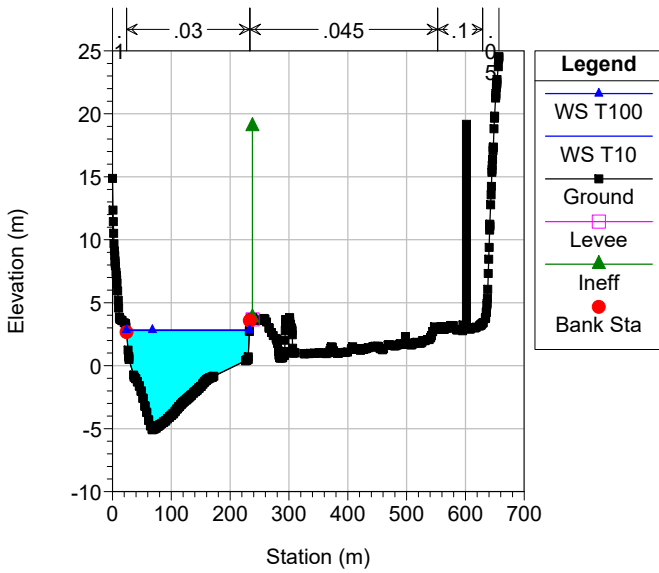
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-1 RS = 416.8413



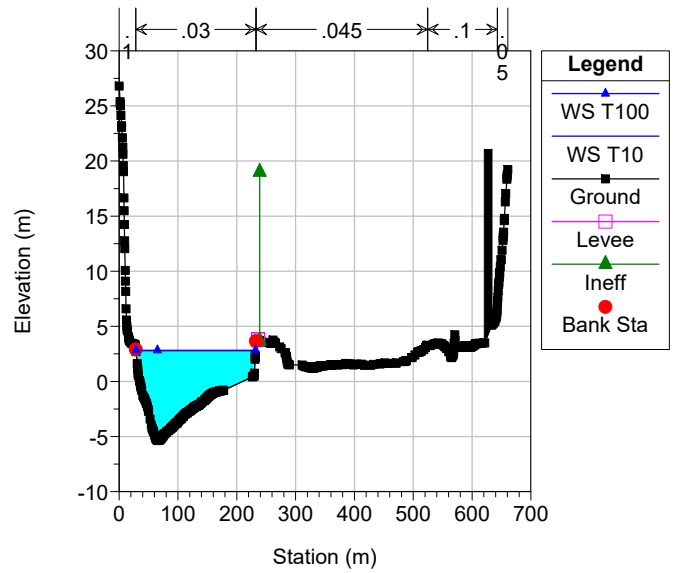
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-1 RS = 366.8122



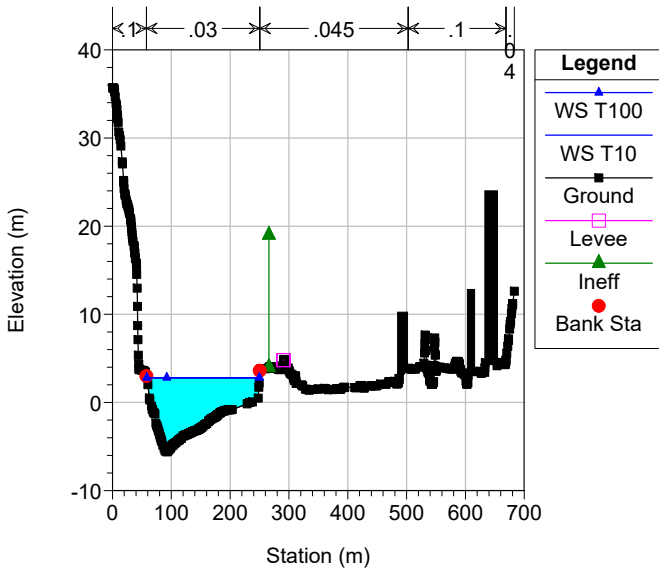
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-1 RS = 316.8093



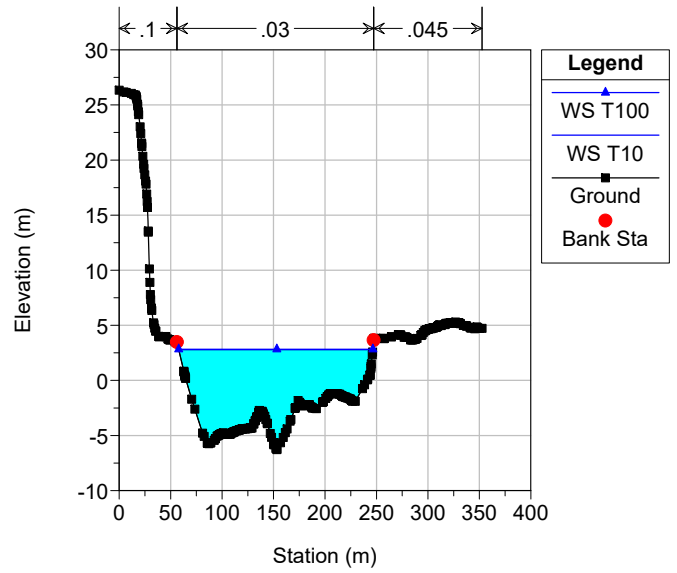
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-1 RS = 266.78



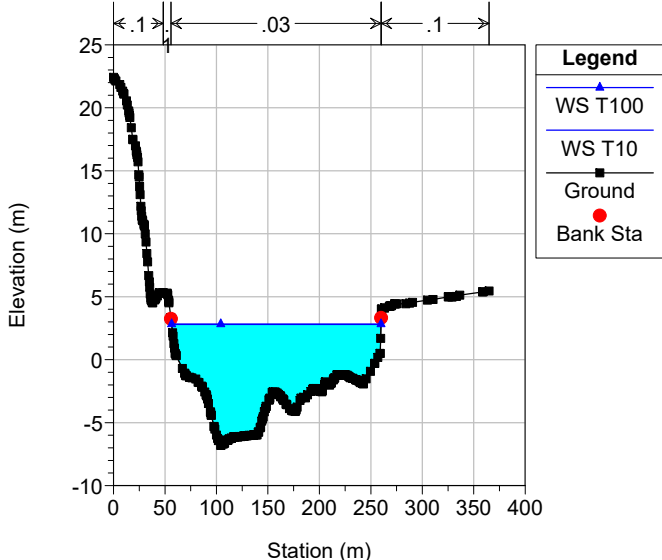
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River = ORIA Reach = ORIA-1 RS = 216.6627



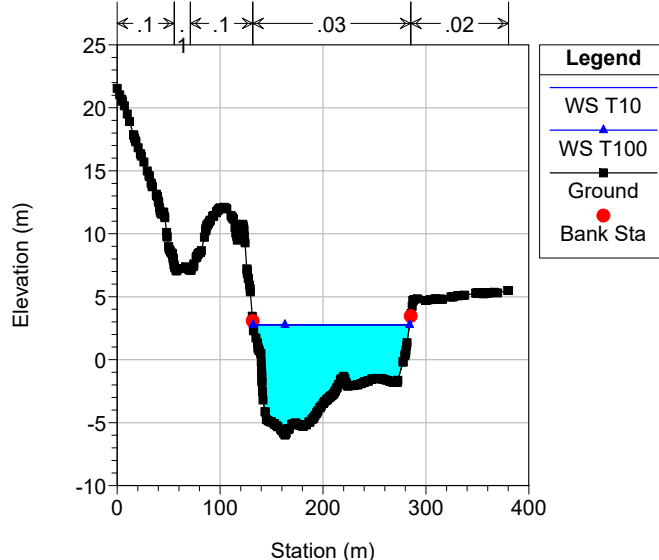
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Geom: T10-100+REGATA Flow: T10-100REGATA
River = ORIA Reach = ORIA-1 RS = 184.1351



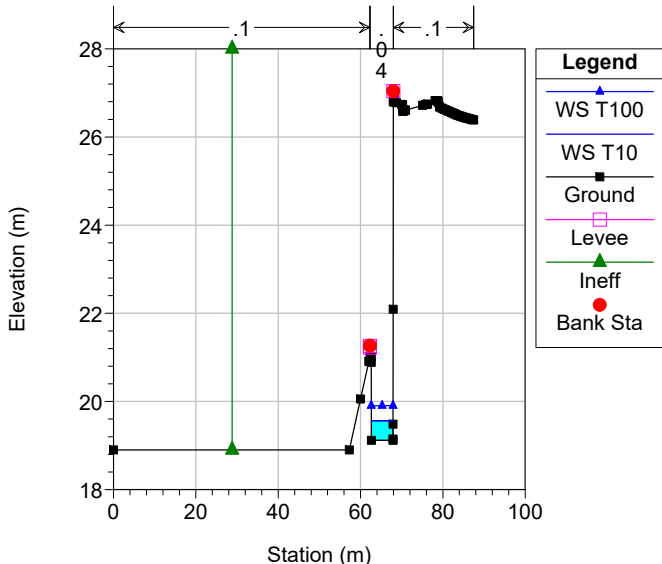
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 146.8827



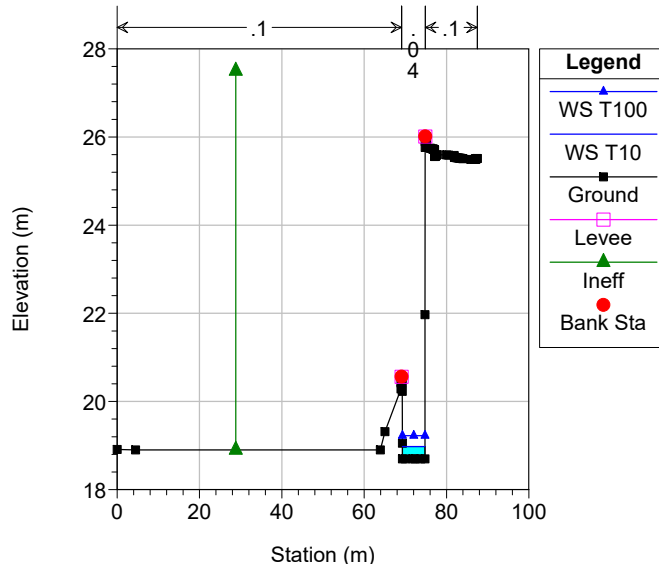
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 93.1843



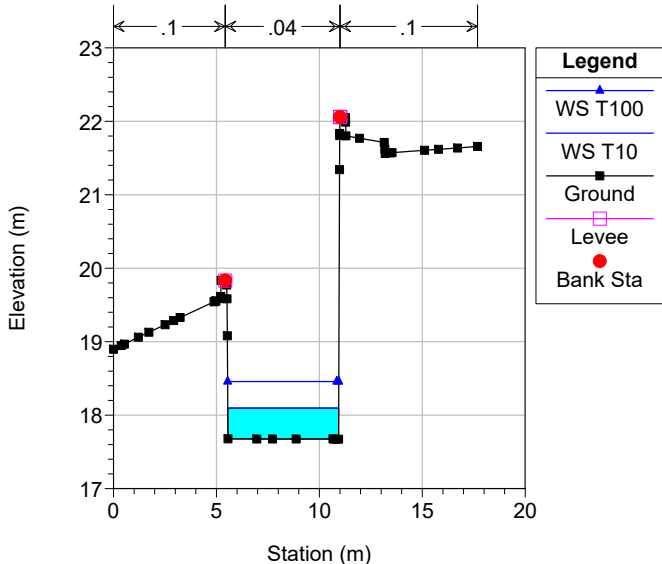
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 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 545.70 E-3 ANT



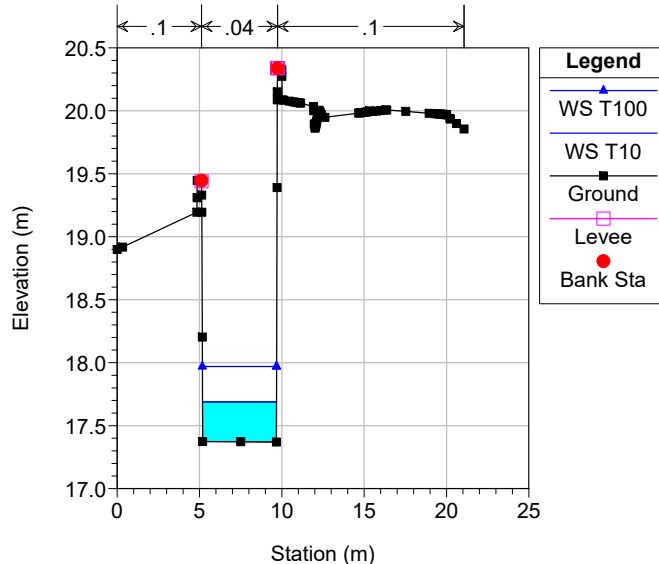
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 Geom: T10-100+REGATA Flow: T10-100REGATA
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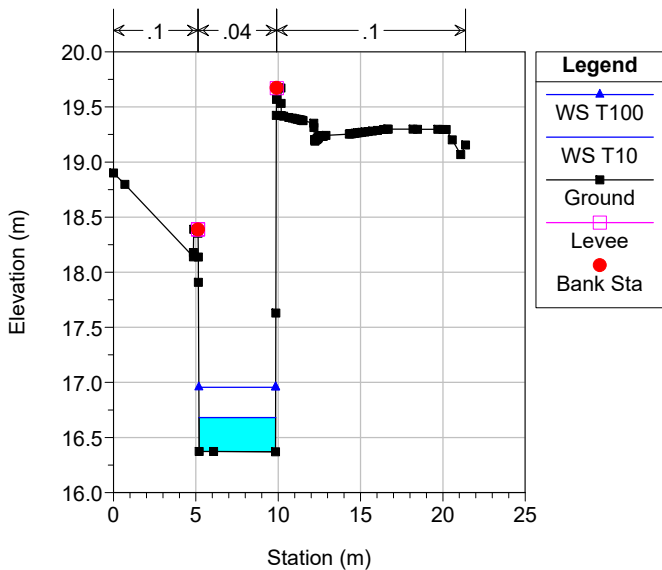
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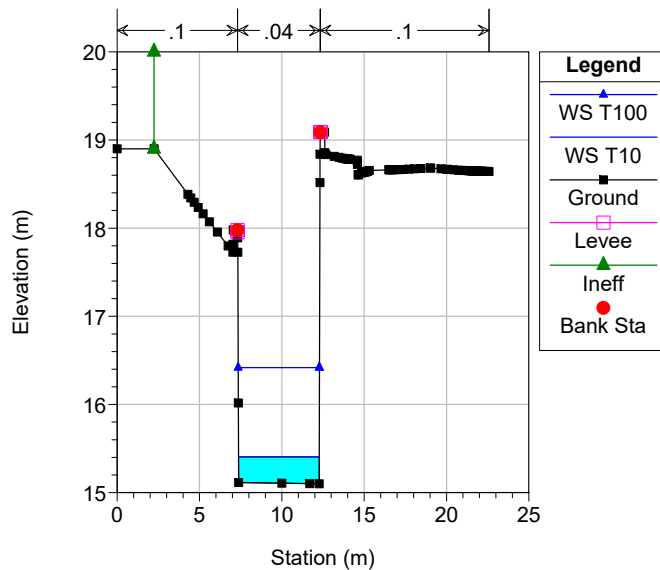
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 Geom: T10-100+REGATA Flow: T10-100REGATA
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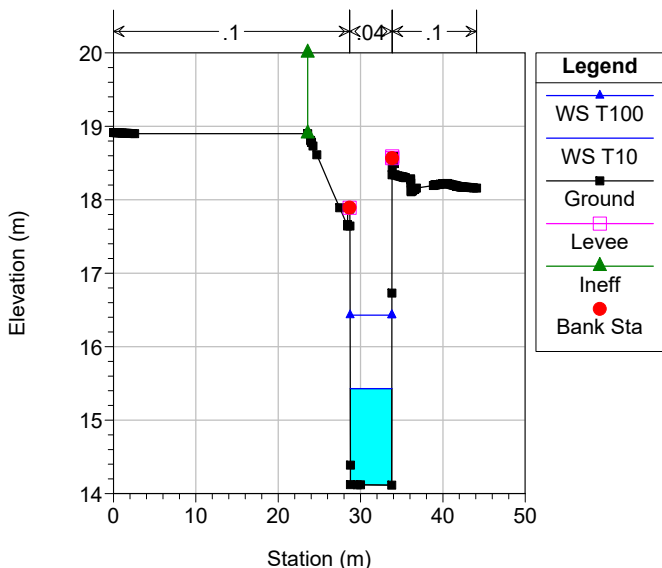
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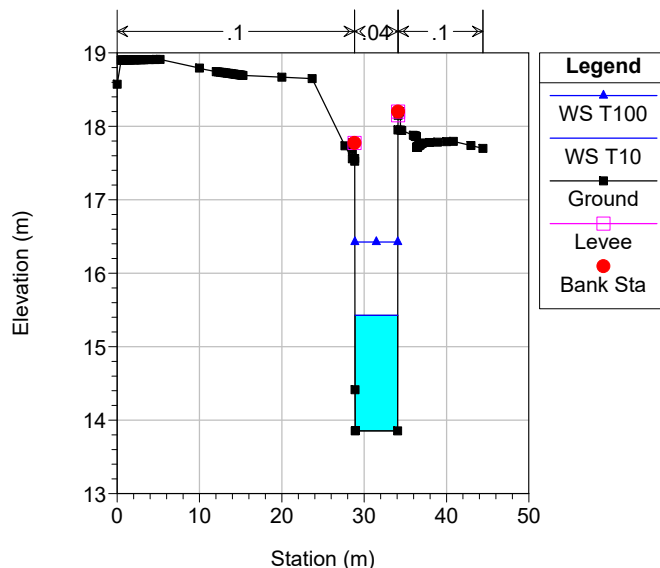
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 395.461 PR-3



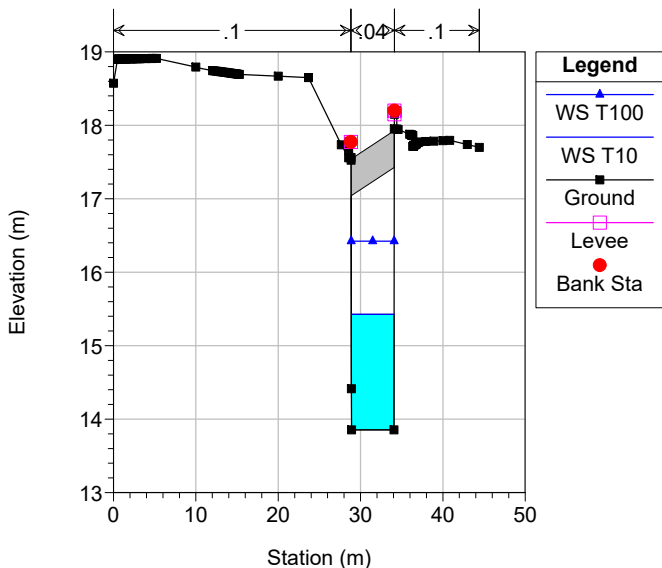
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 375.242 PR-2



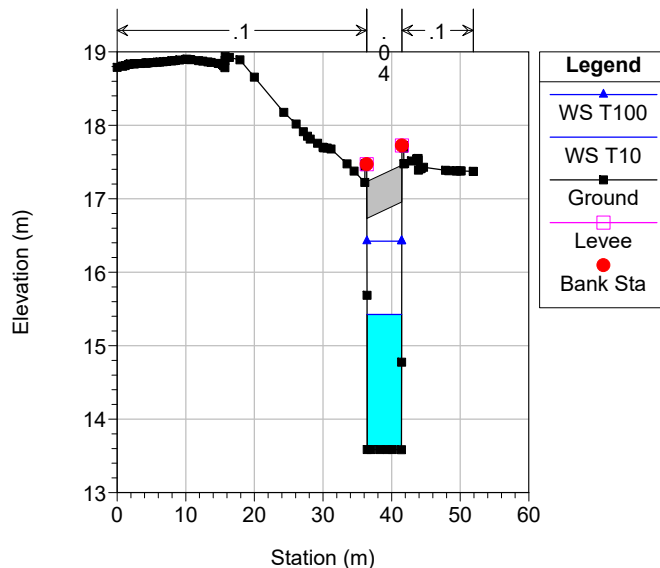
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 355.242 E-2 ANT



Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 348.28 BR



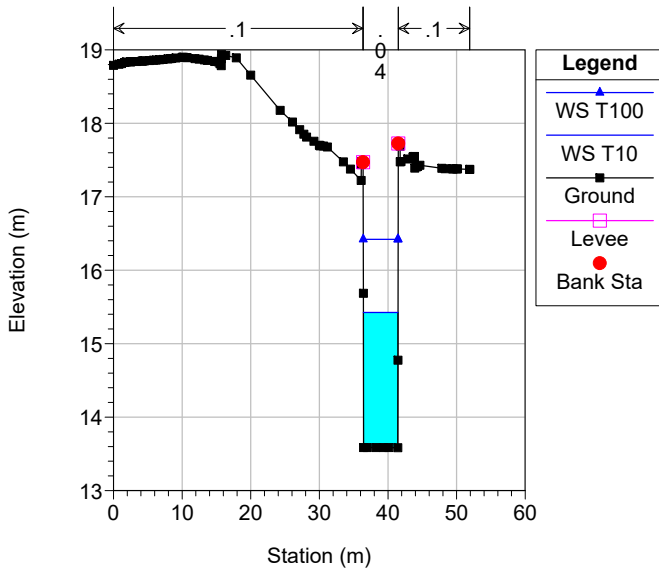
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT
 Geom: T10-100+REGATA Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 348.28 BR



Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT

Geom: T10-100+REGATA Flow: T10-100REGATA

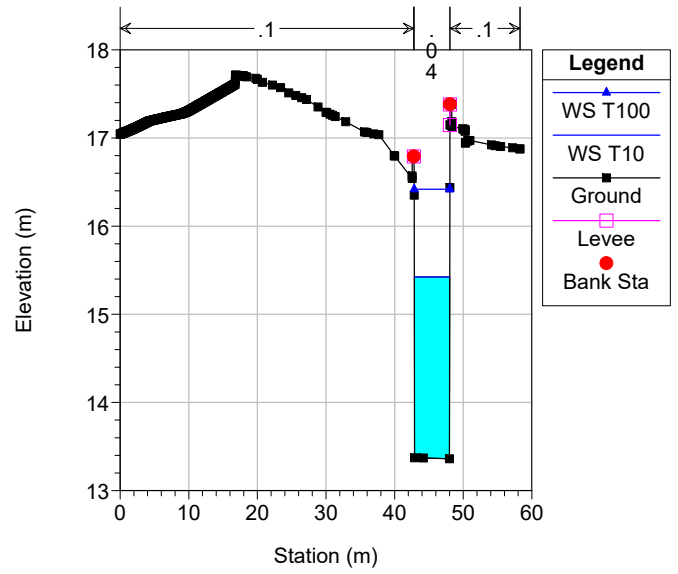
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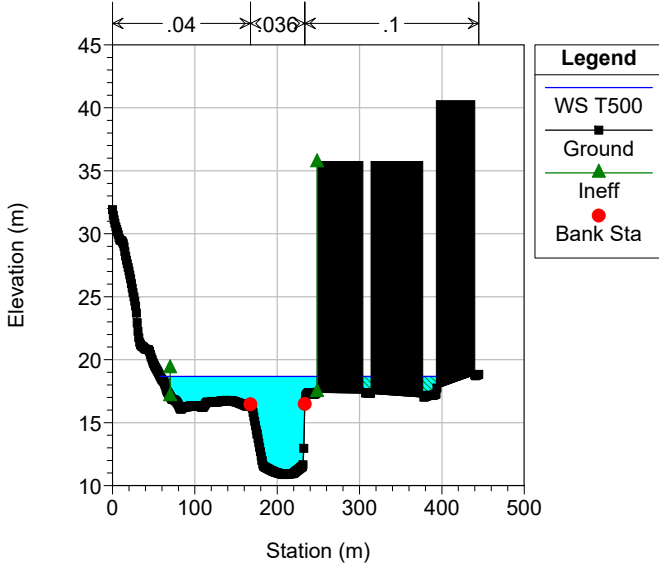
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG ACT

Geom: T10-100+REGATA Flow: T10-100REGATA

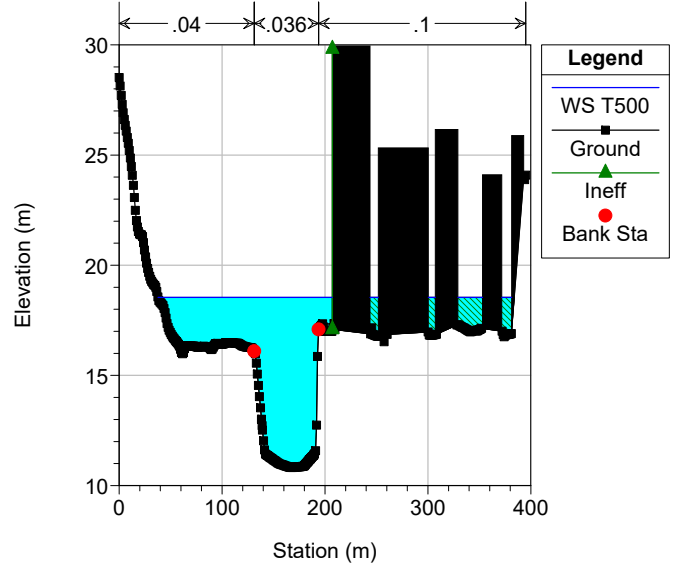
River = RegataURBIL Reach = RegataURBIL RS = 315.921 E-1 ANT



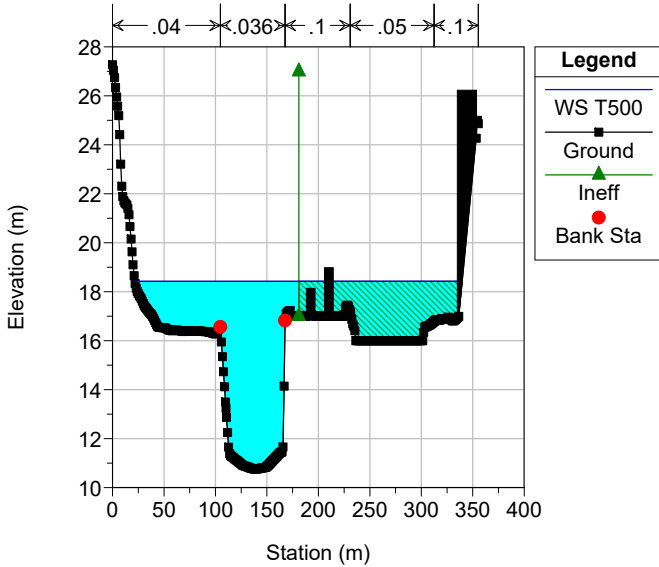
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16563.30



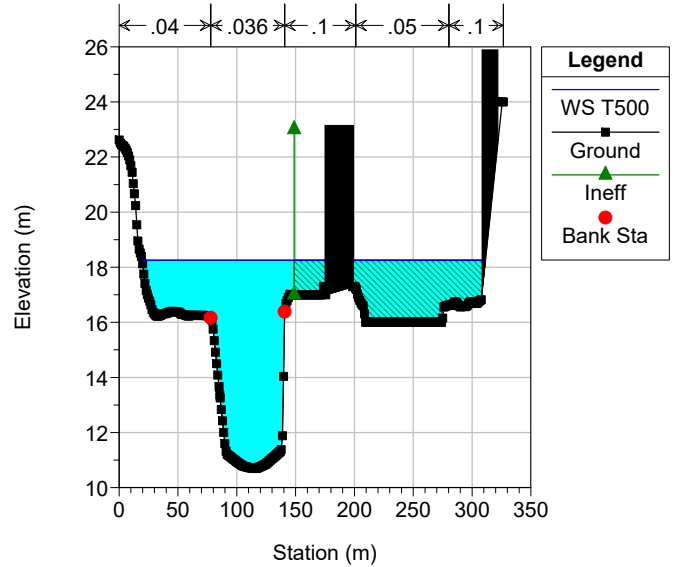
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16512.31



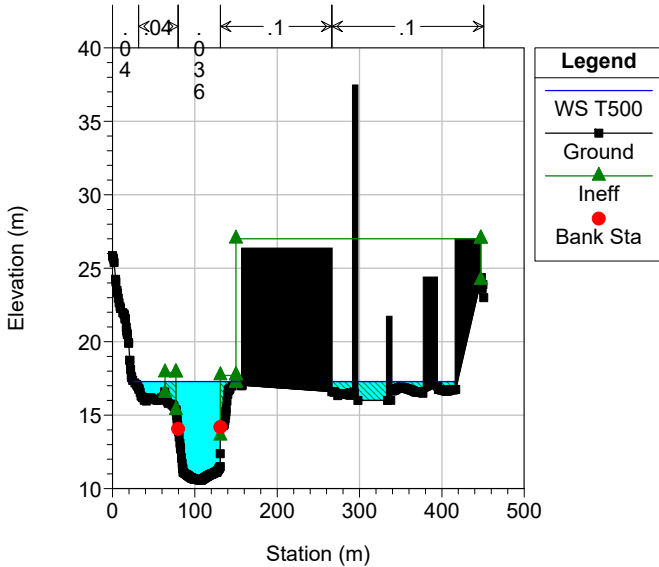
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16460.81



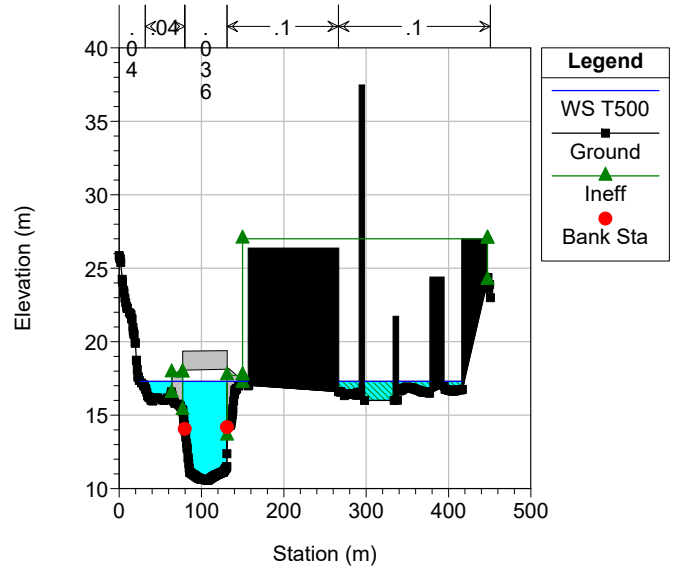
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16411.62



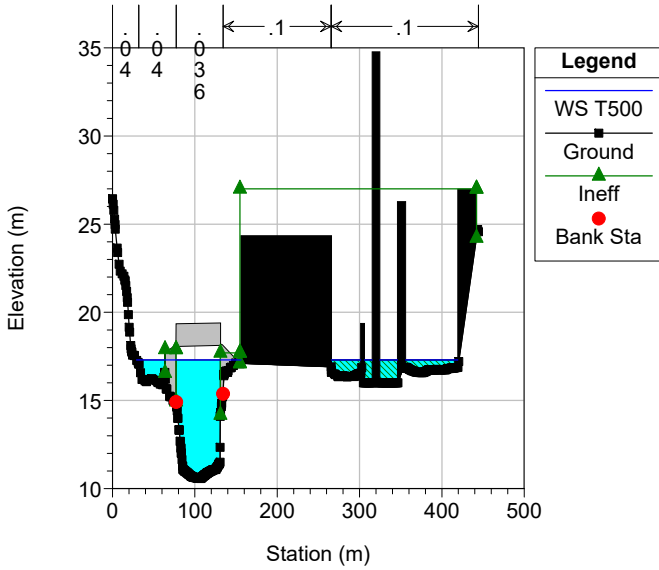
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16349.22



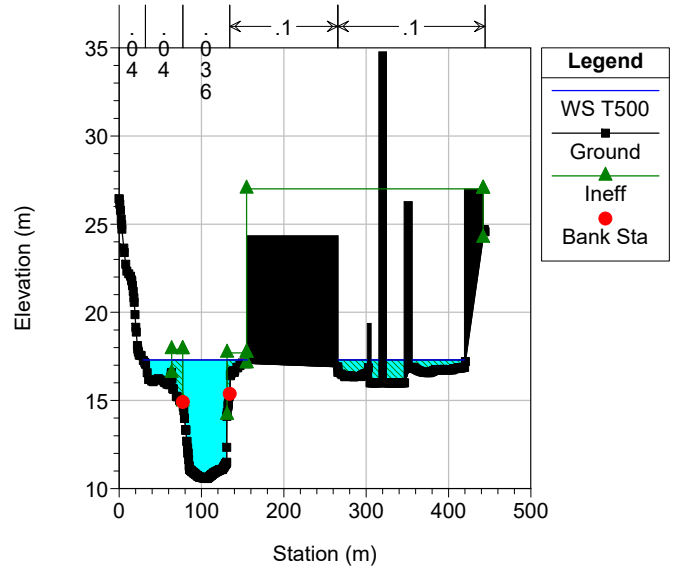
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16347.99 BR E107



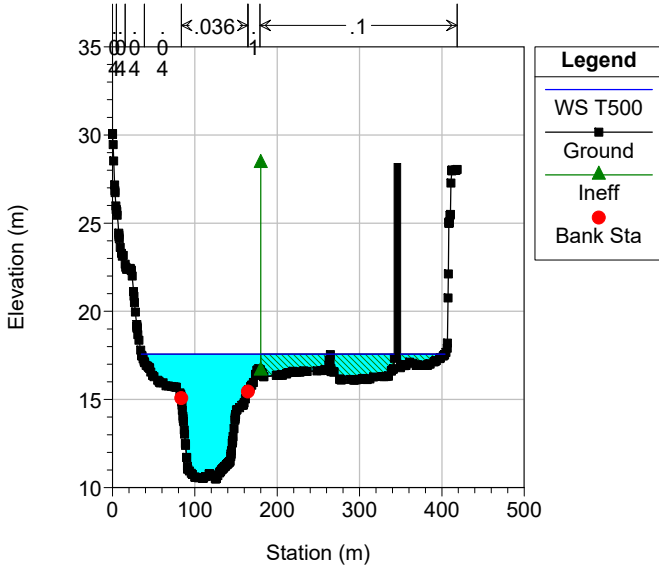
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16347.99 BR E107



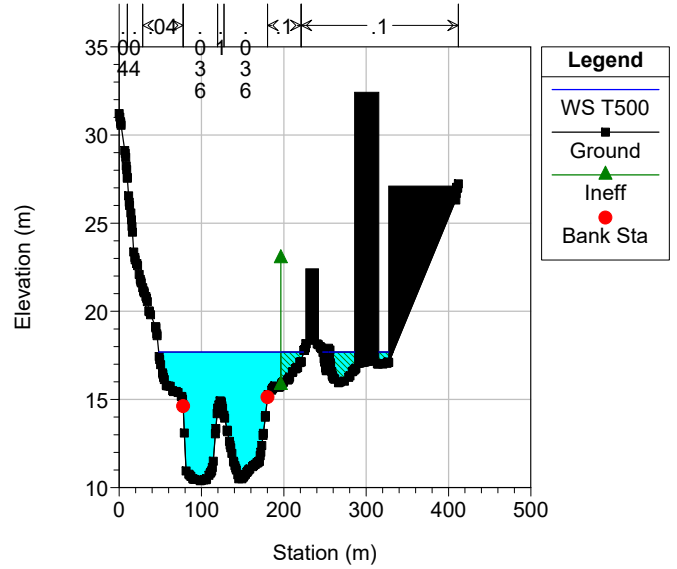
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16346.30



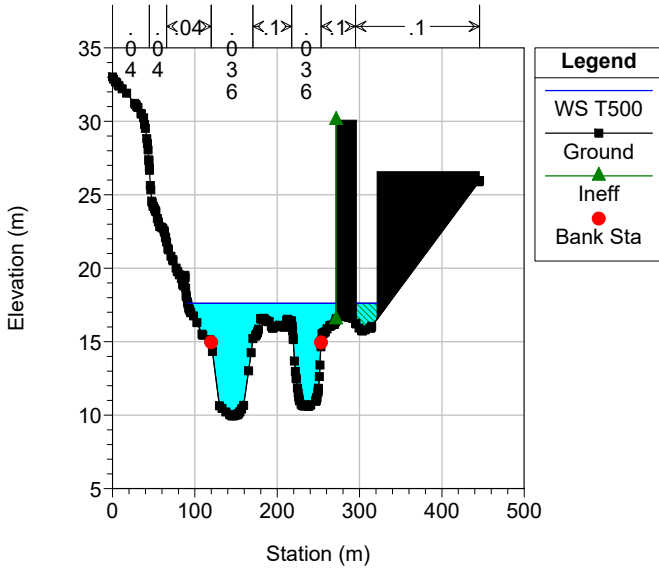
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16320.97



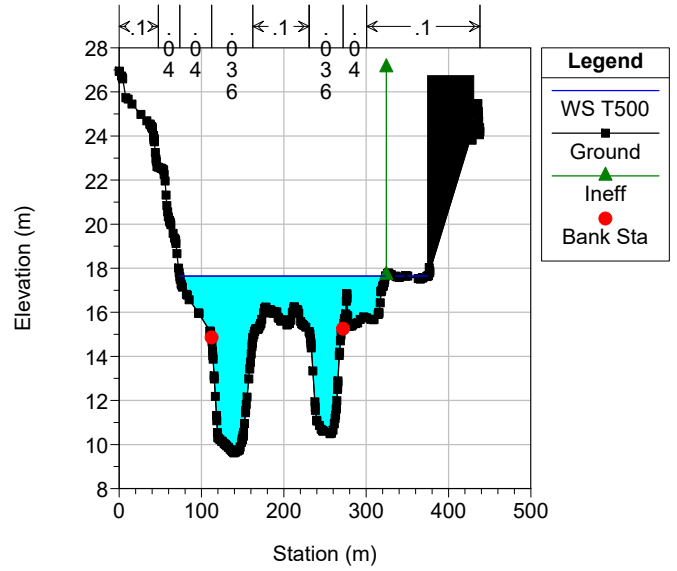
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16274.54



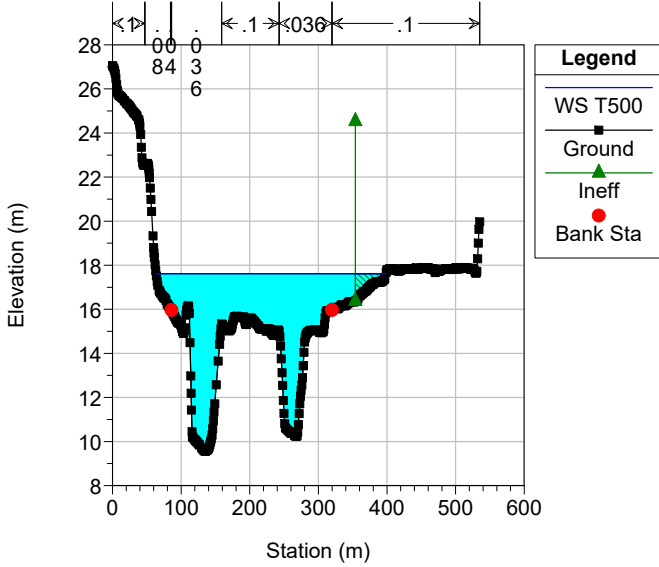
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16224.48



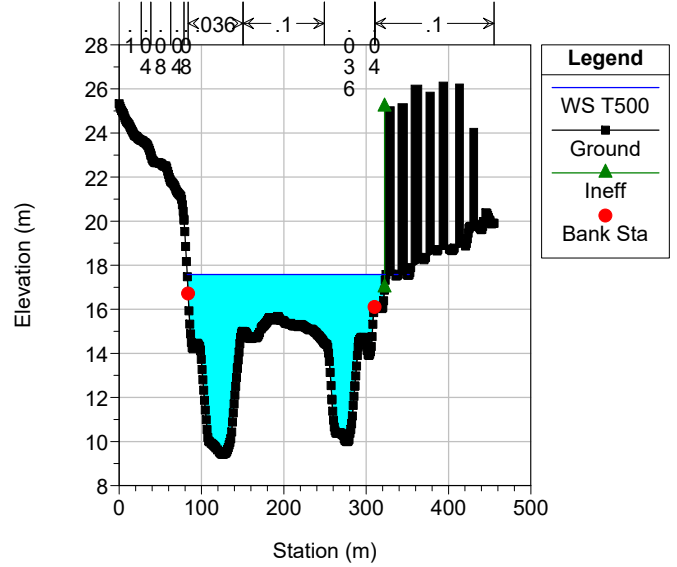
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16163.02



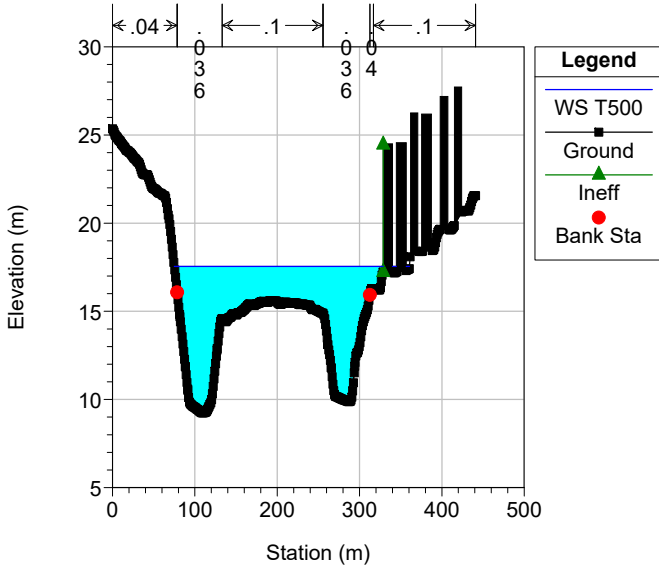
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 River = ORIA Reach = ORIA-2 RS = 16134.34



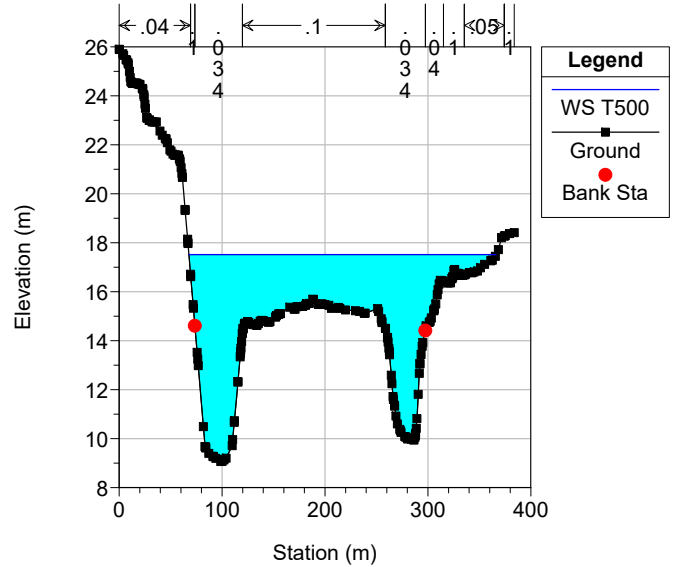
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 River = ORIA Reach = ORIA-2REGATA RS = 16083.65



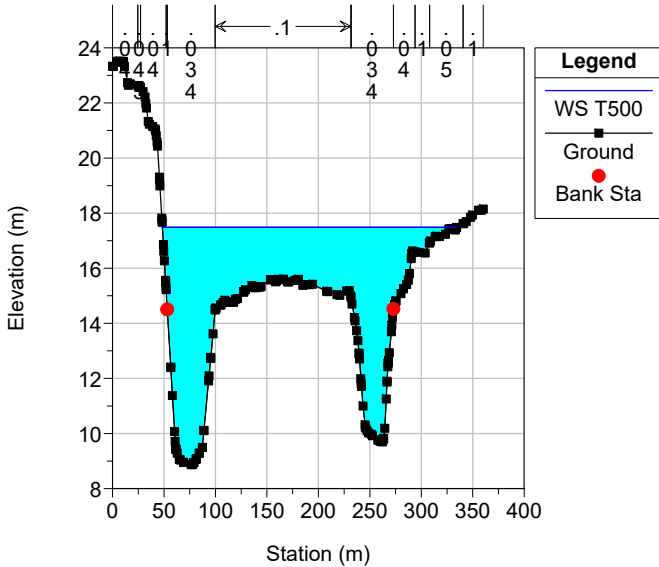
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 River = ORIA Reach = ORIA-2REGATA RS = 16031.29



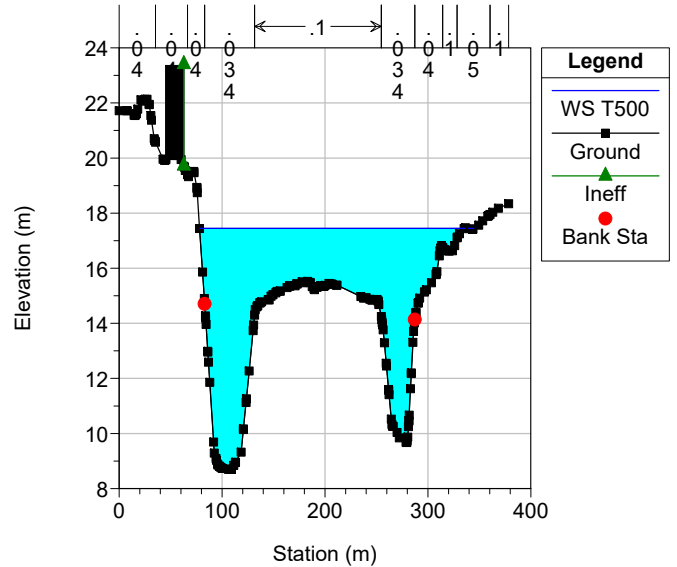
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 16000.81



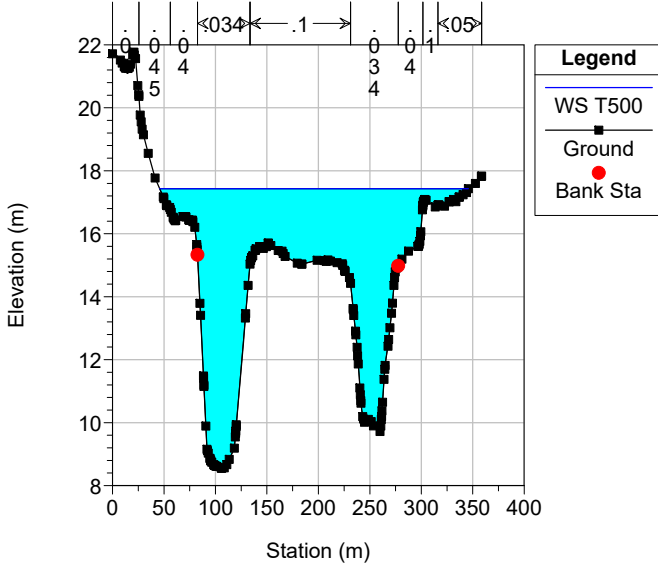
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 River = ORIA Reach = ORIA-2REGATA RS = 15960.27



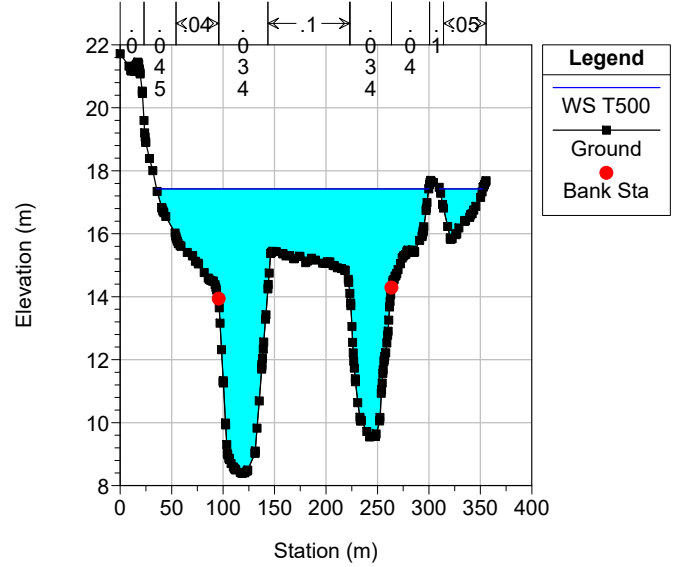
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 River = ORIA Reach = ORIA-2REGATA RS = 15925.95



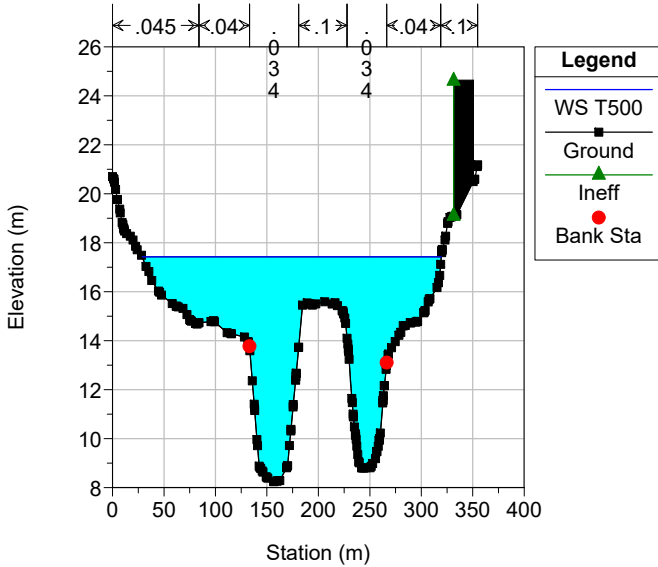
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 River = ORIA Reach = ORIA-2REGATA RS = 15896.56



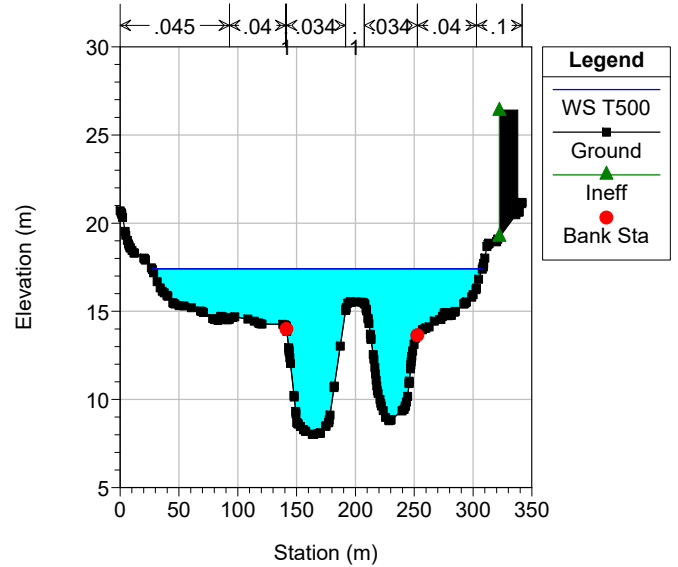
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 River = ORIA Reach = ORIA-2REGATA RS = 15863.90



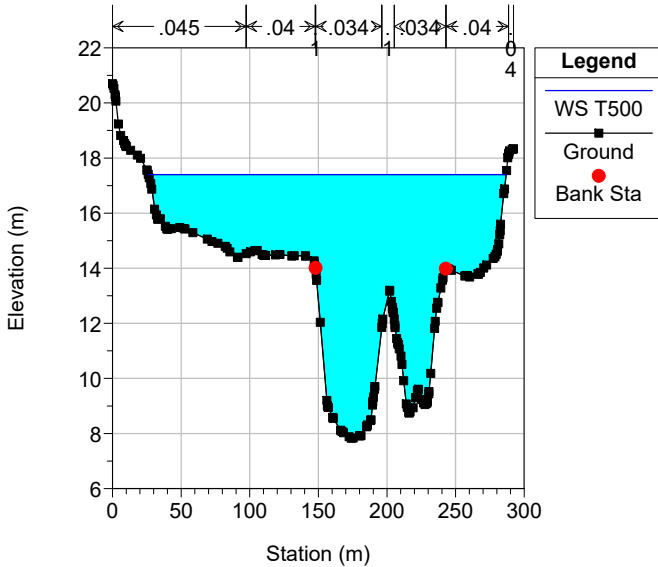
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 River = ORIA Reach = ORIA-2REGATA RS = 15832.96



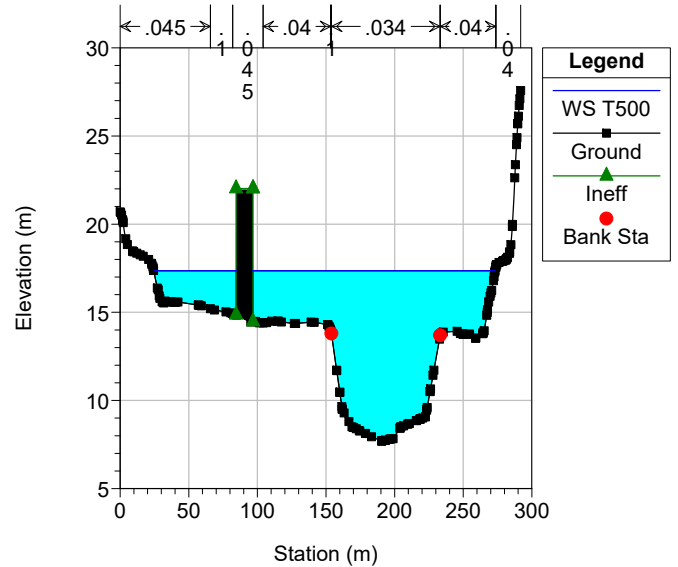
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 River = ORIA Reach = ORIA-2REGATA RS = 15798.94



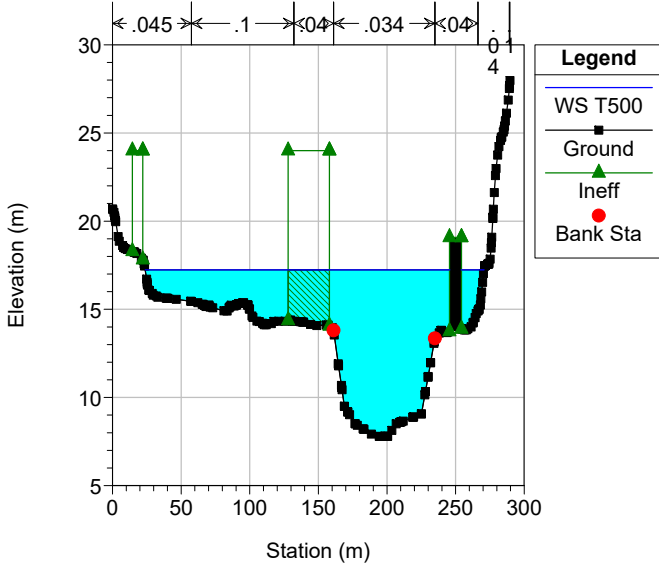
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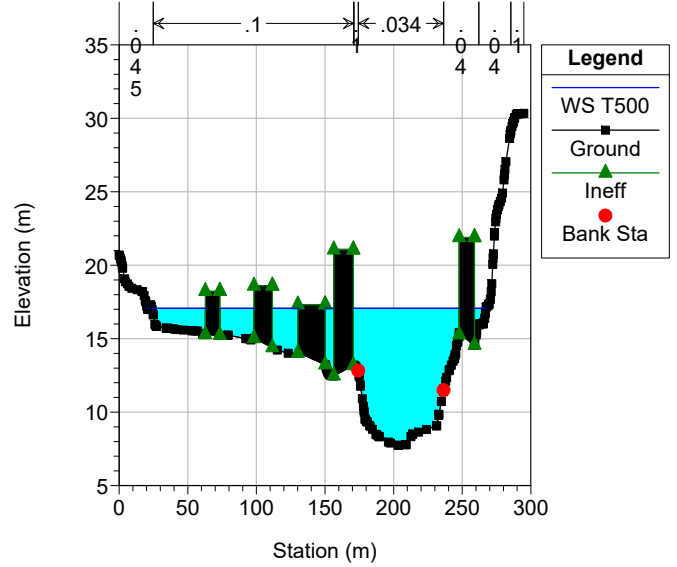
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 River = ORIA Reach = ORIA-2REGATA RS = 15744.06



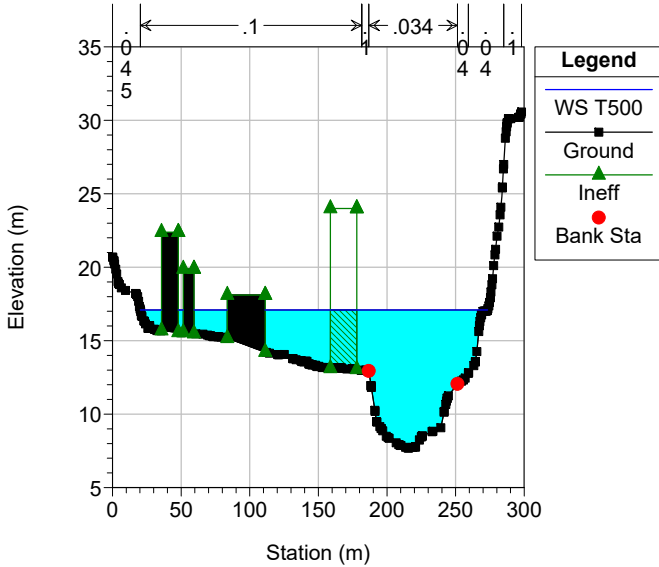
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 River = ORIA Reach = ORIA-2REGATA RS = 15723.44



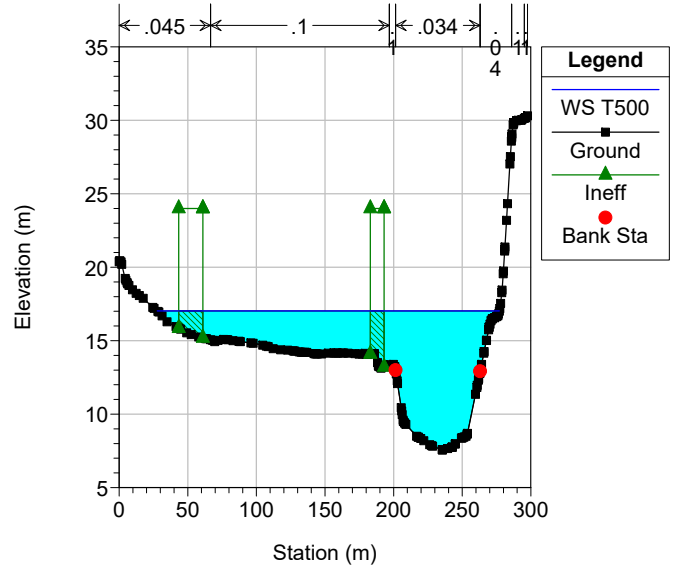
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 River = ORIA Reach = ORIA-2REGATA RS = 15698.95



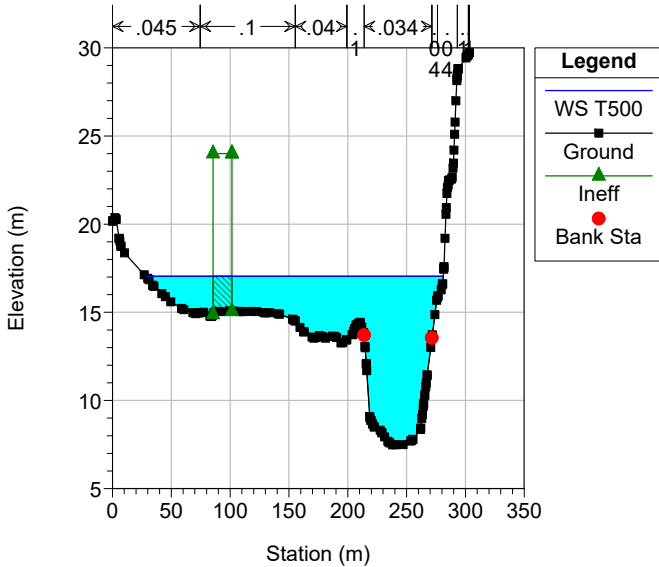
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 River = ORIA Reach = ORIA-2REGATA RS = 15670.31



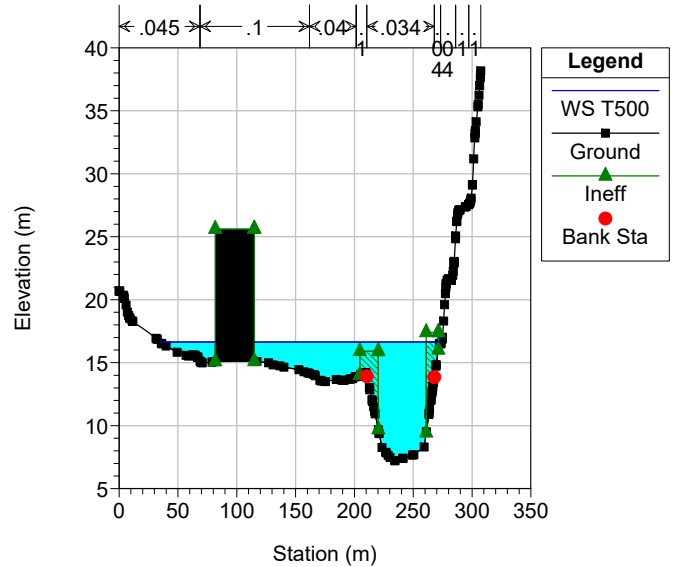
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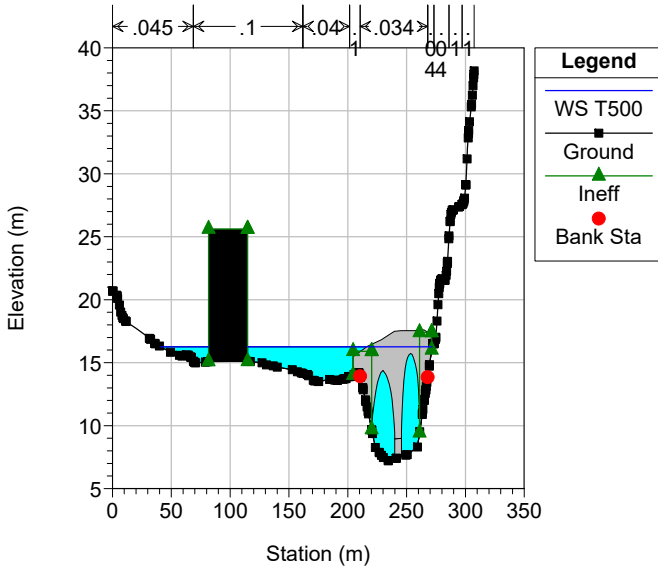
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 River = ORIA Reach = ORIA-2REGATA RS = 15581.08



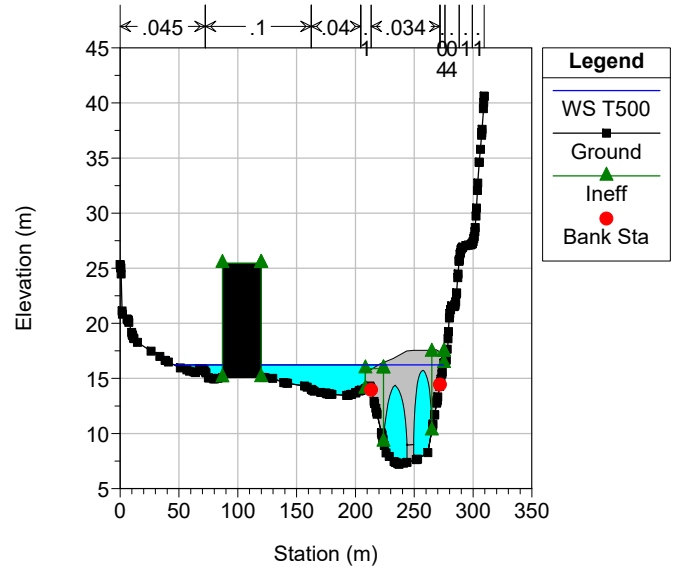
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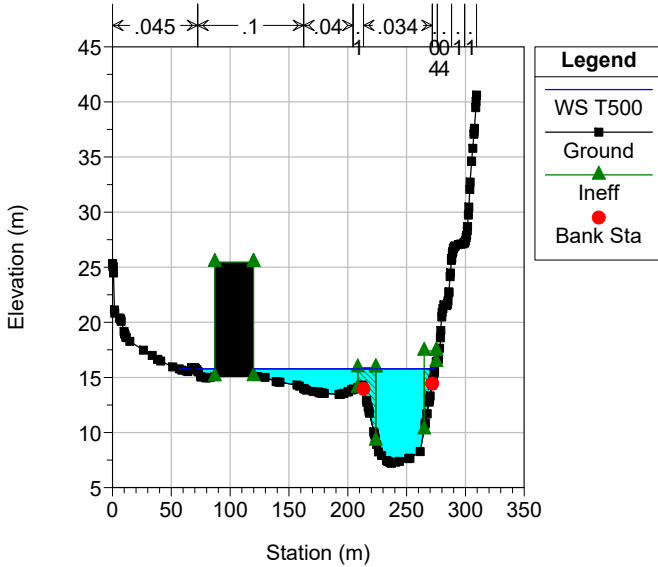
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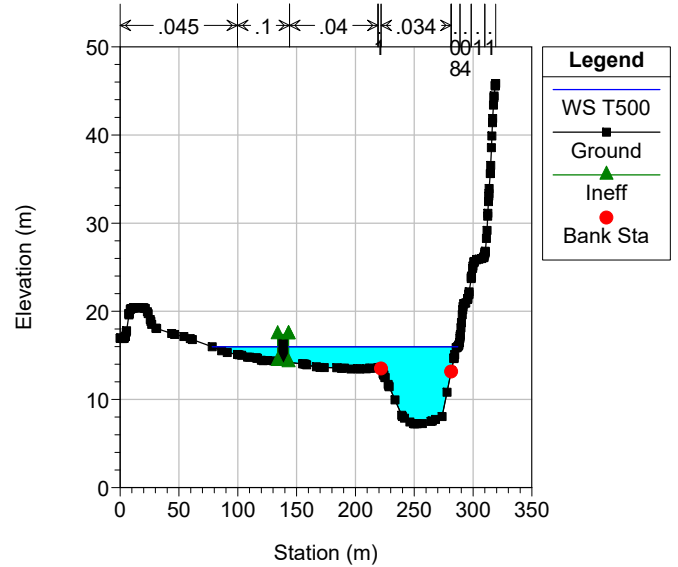
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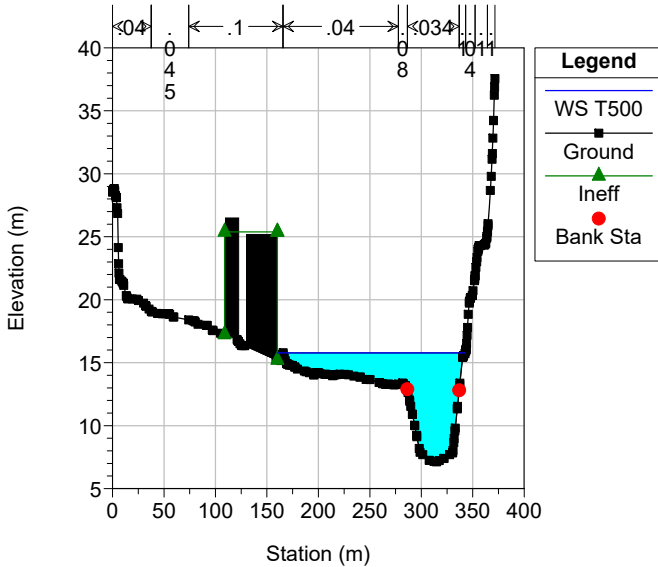
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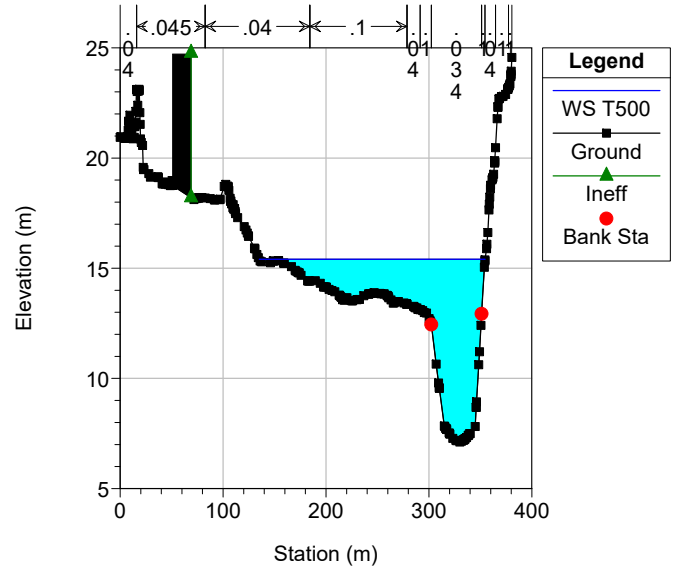
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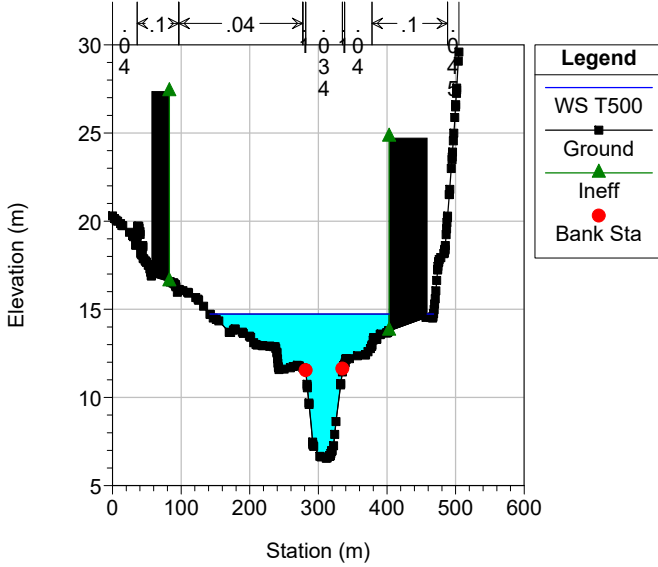
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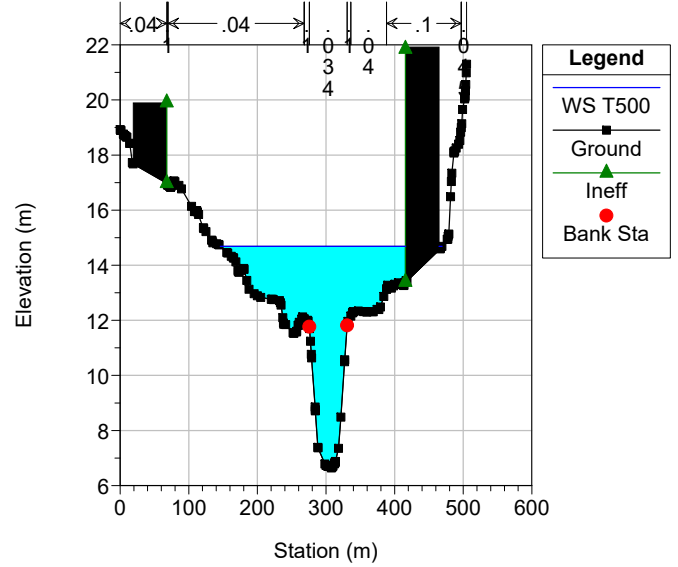
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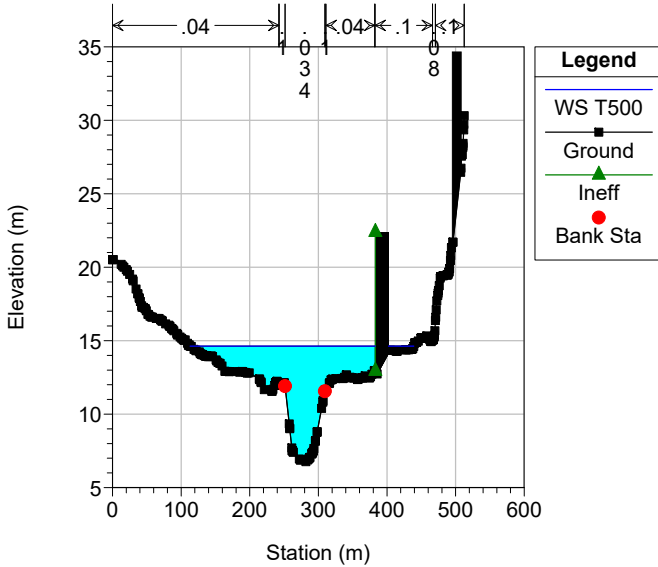
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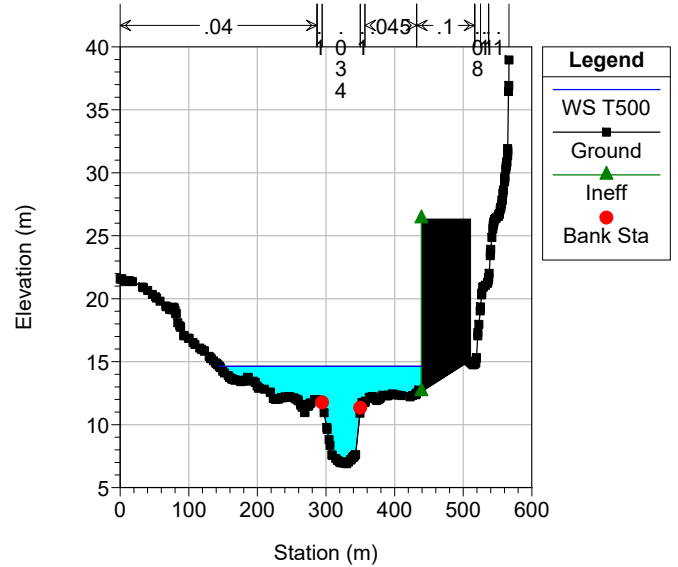
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 River = ORIA Reach = ORIA-2REGATA RS = 14723.51



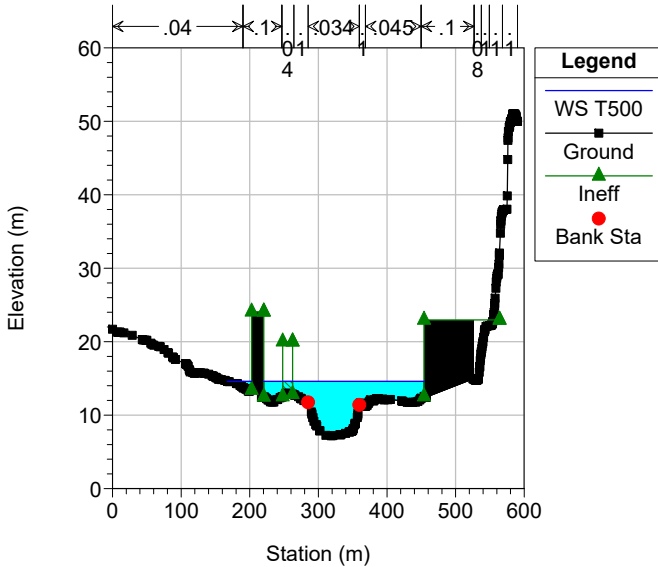
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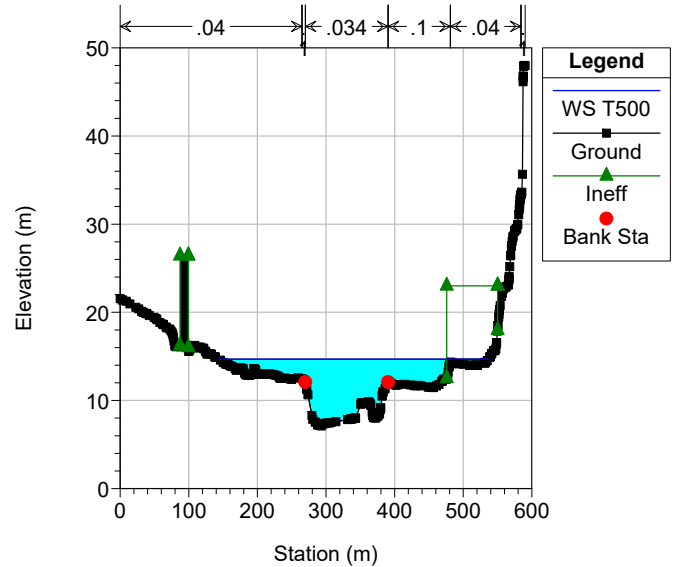
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14605.55



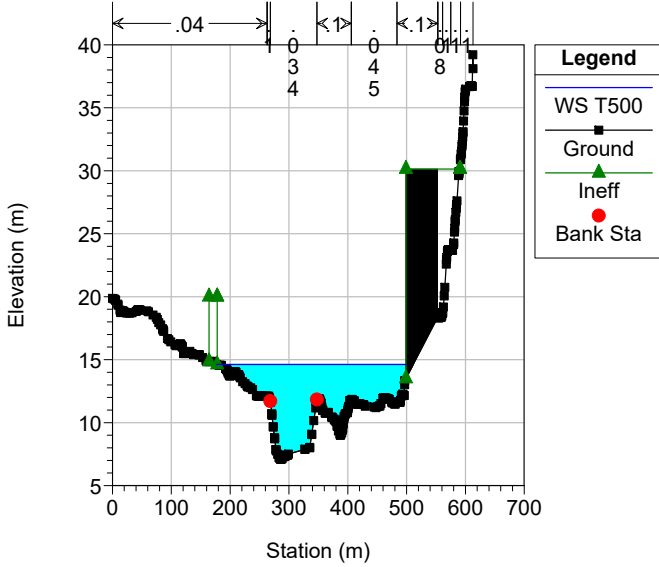
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 River = ORIA Reach = ORIA-2REGATA RS = 14554.89



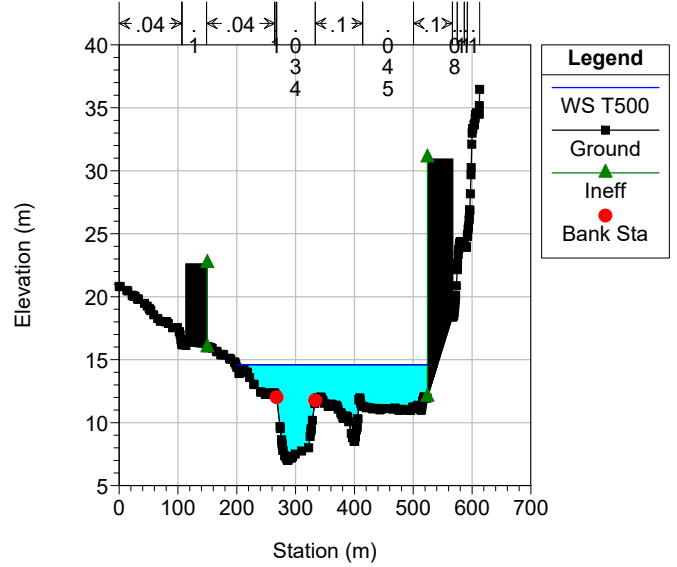
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14500.36



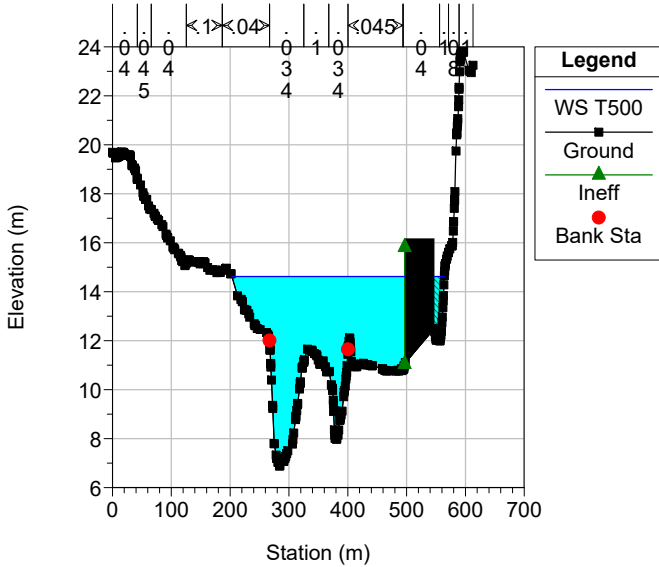
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14449.37



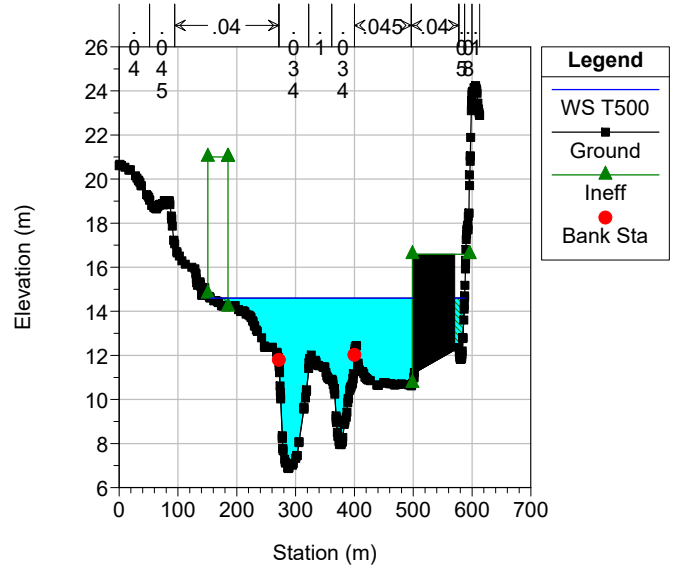
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 River = ORIA Reach = ORIA-2REGATA RS = 14399.30



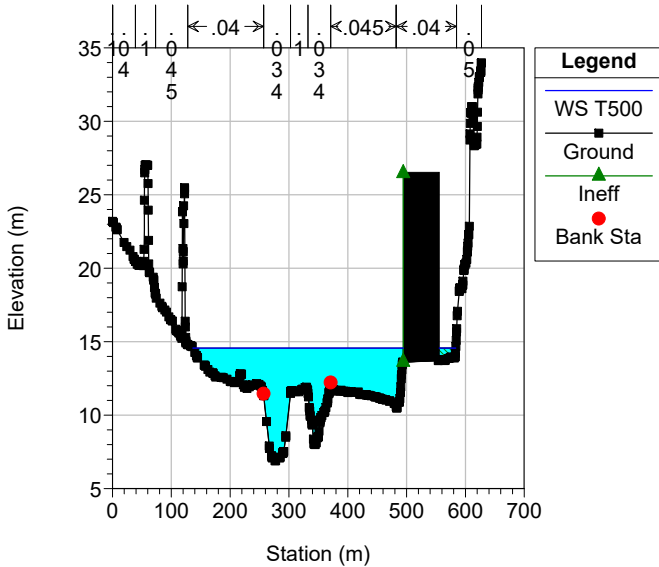
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 River = ORIA Reach = ORIA-2REGATA RS = 14349.13



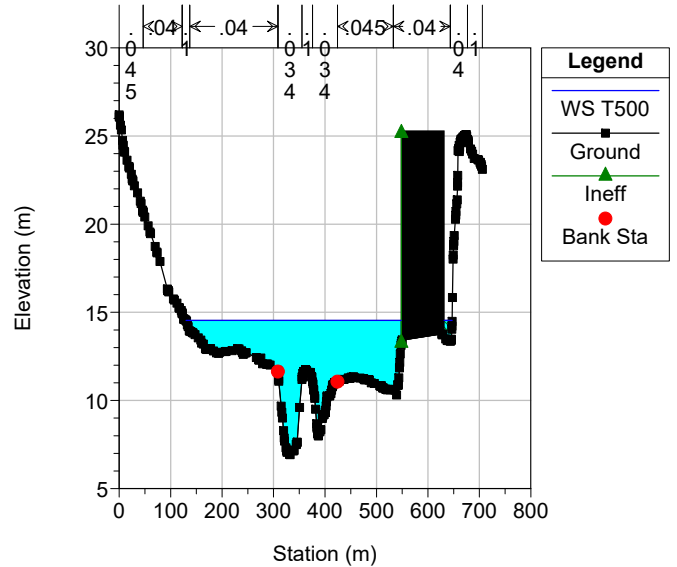
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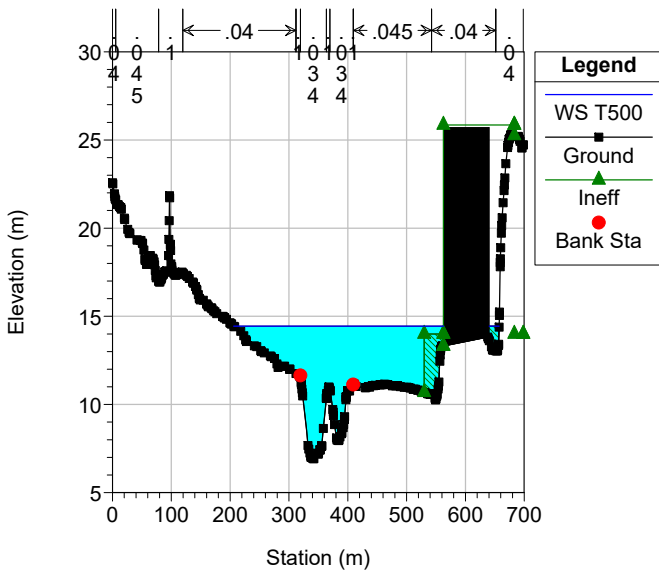
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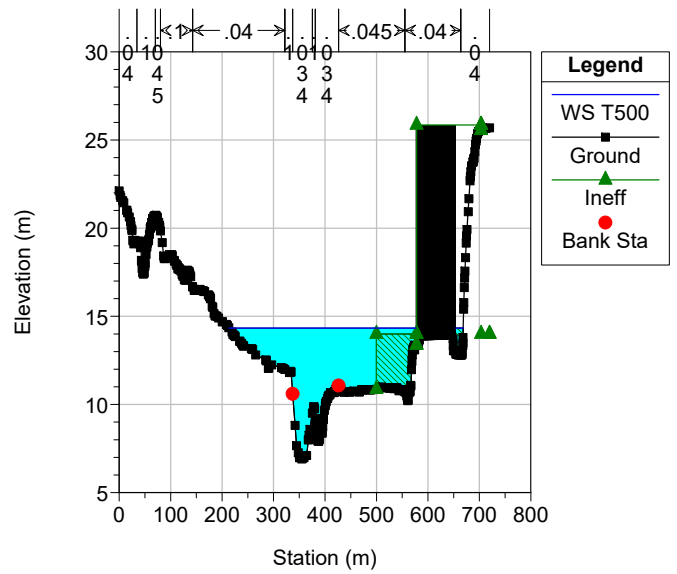
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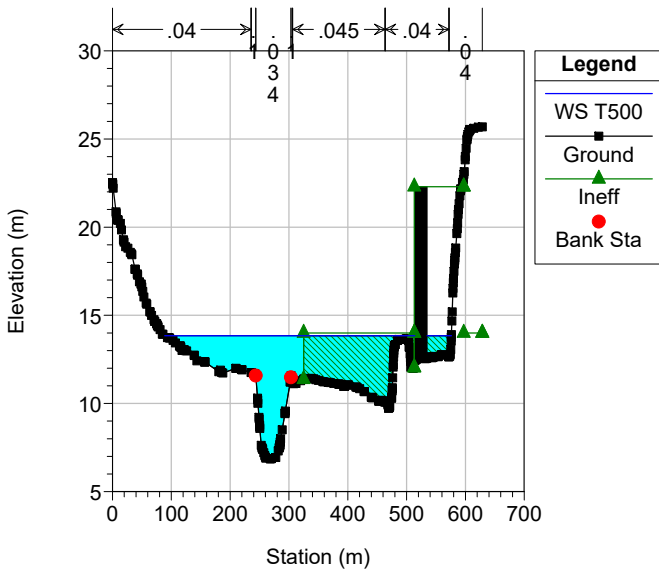
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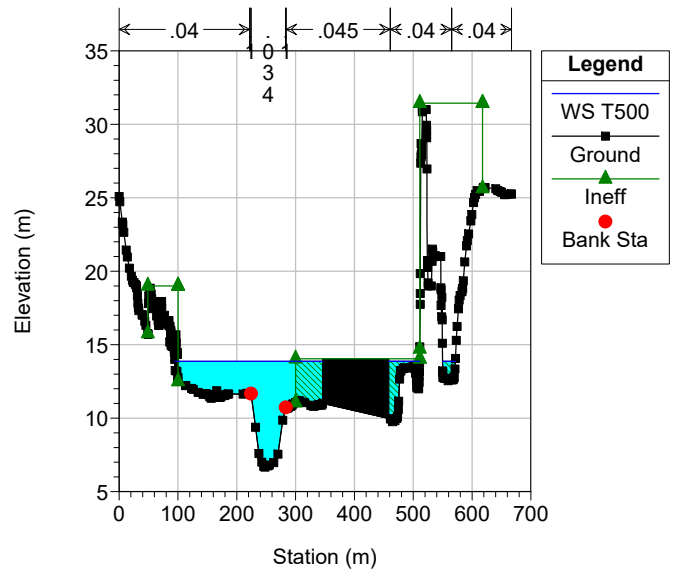
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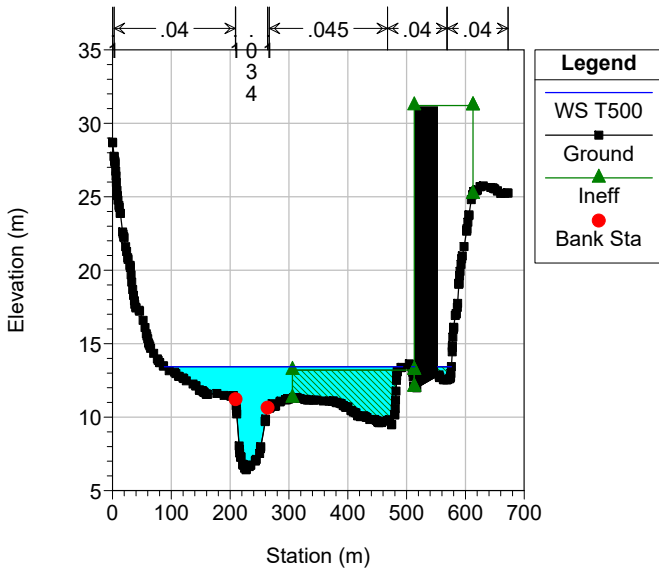
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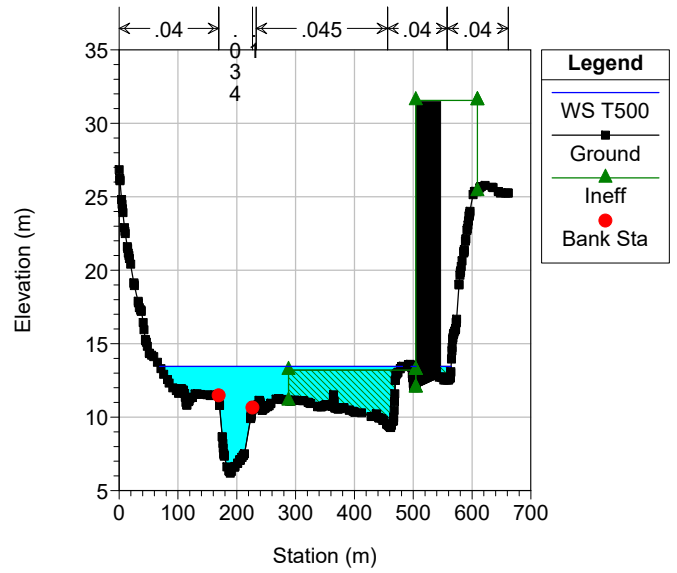
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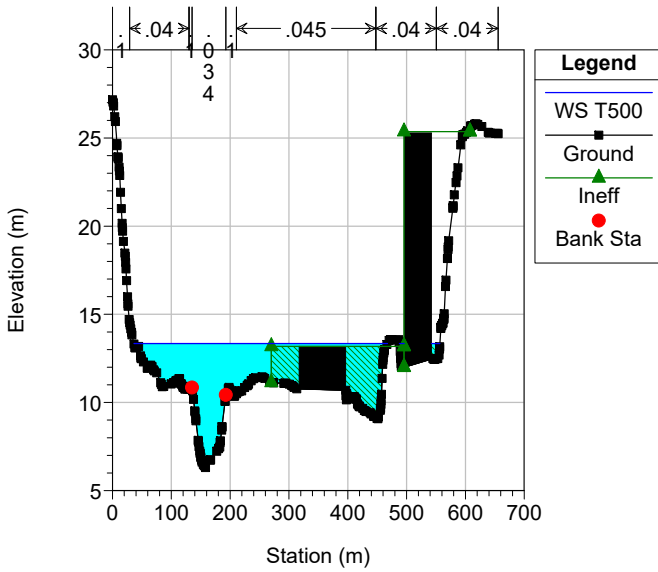
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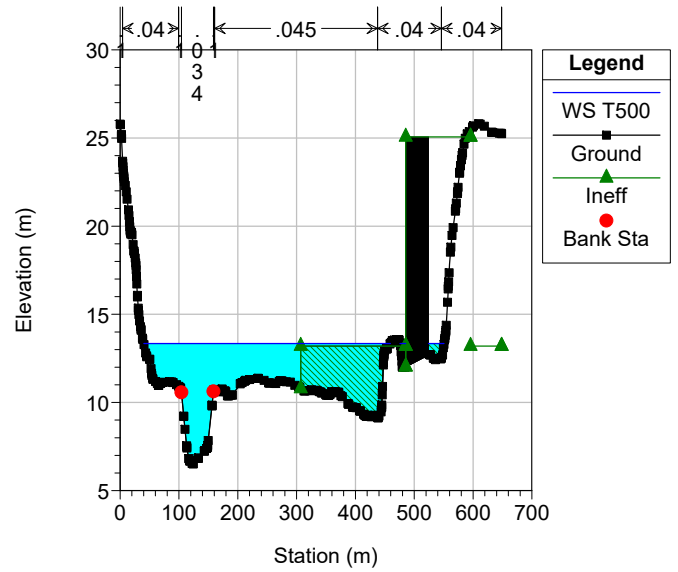
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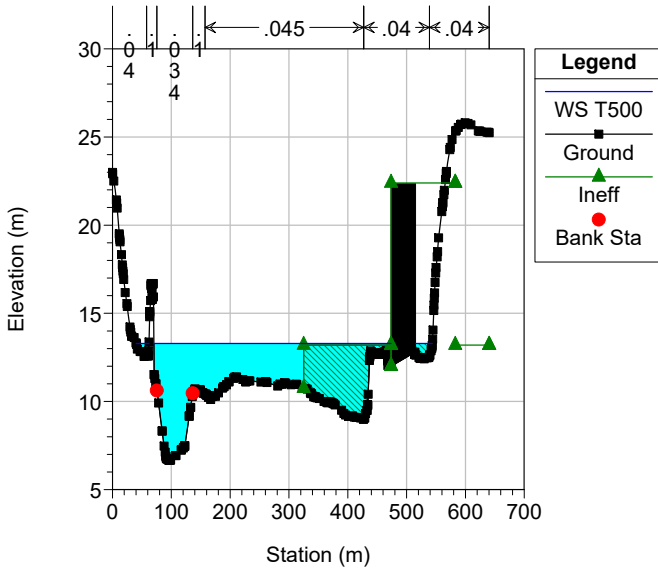
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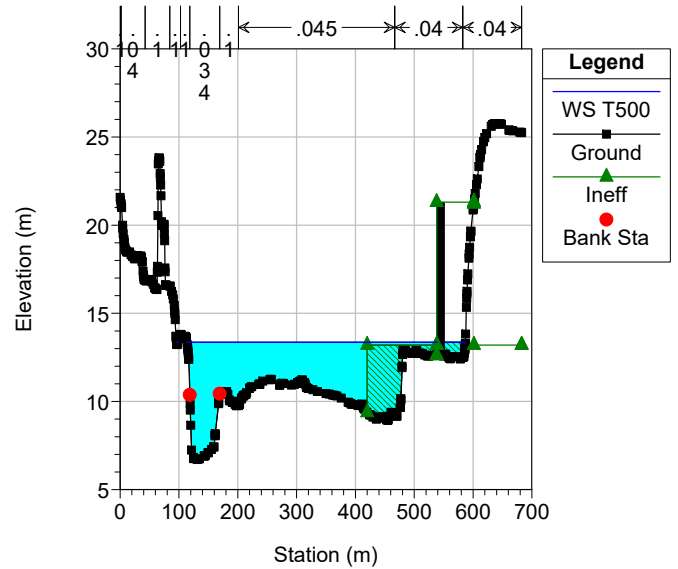
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 River = ORIA Reach = ORIA-2REGATA RS = 13740.79



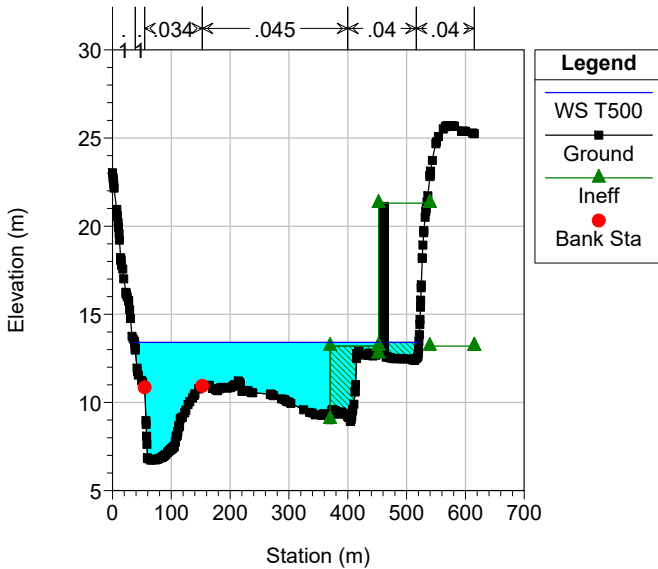
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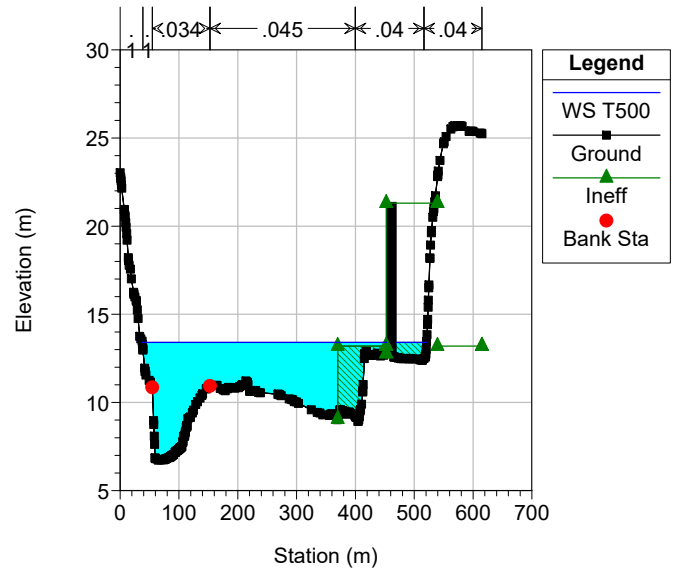
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 River = ORIA Reach = ORIA-2REGATA RS = 13637.55



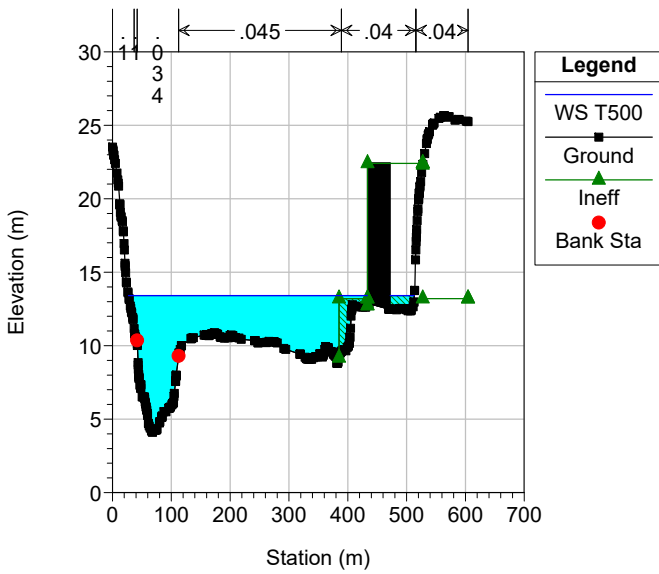
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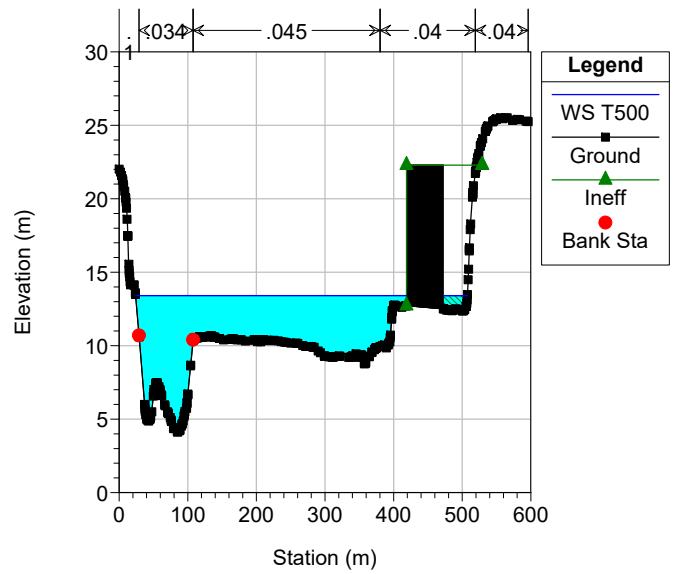
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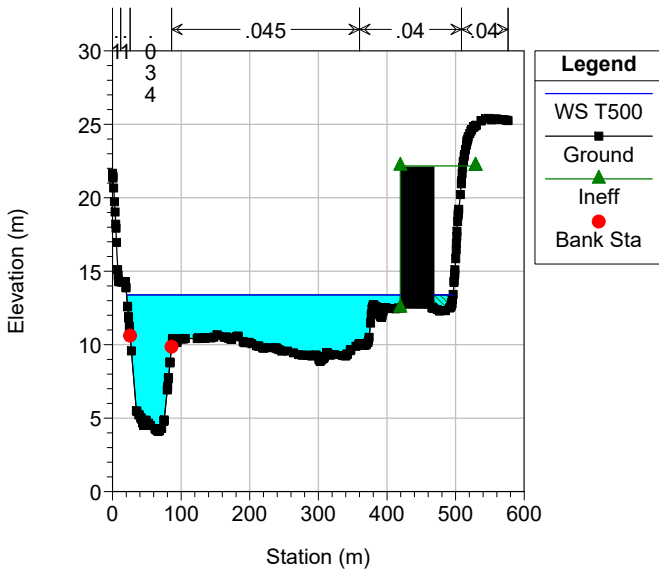
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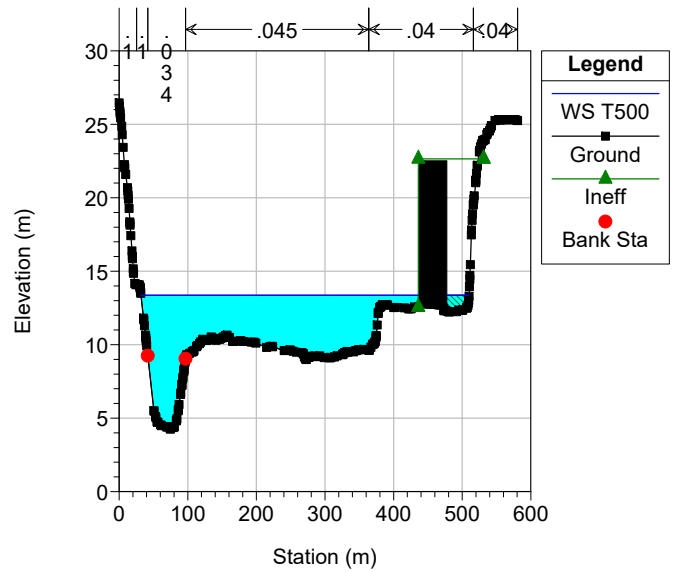
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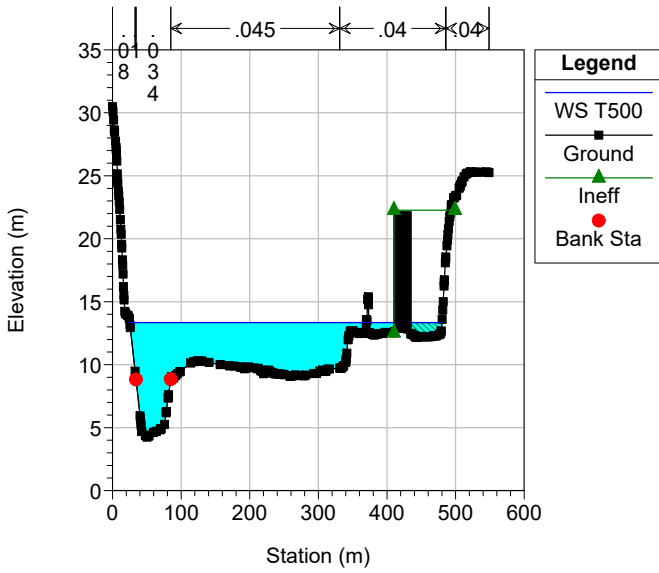
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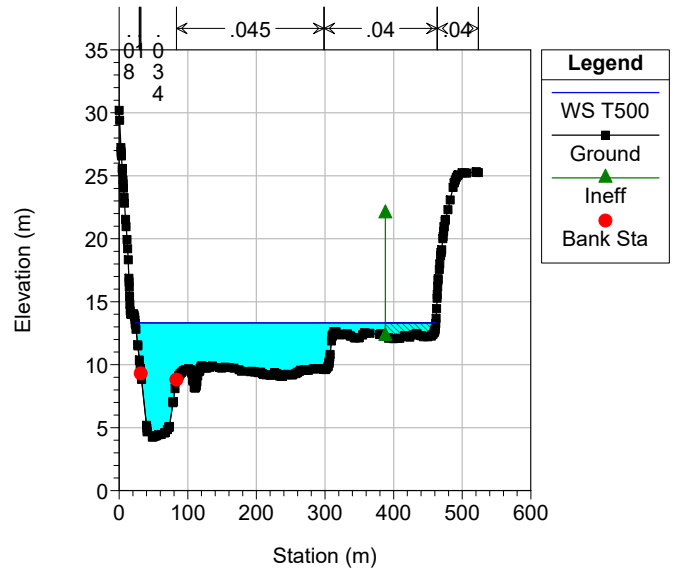
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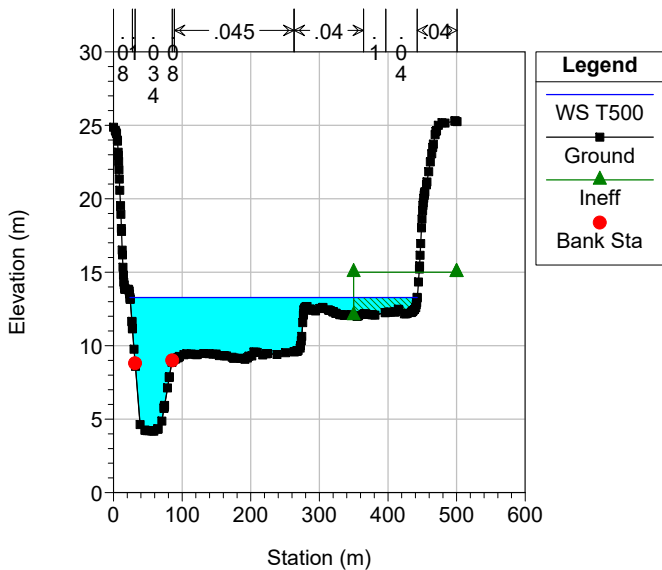
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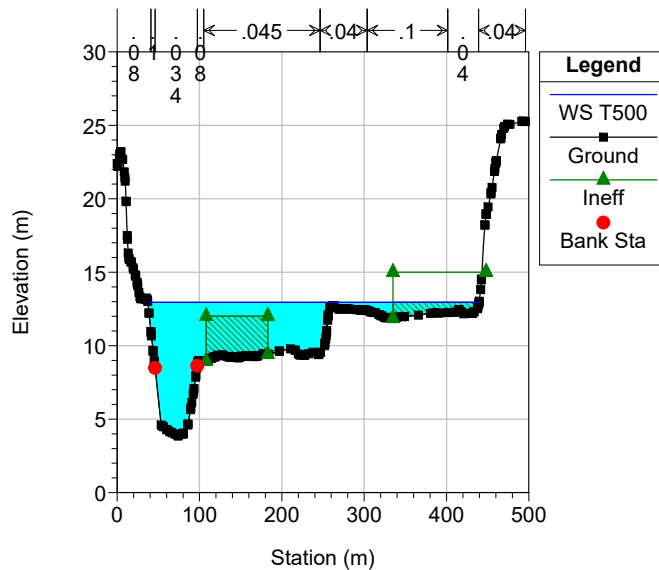
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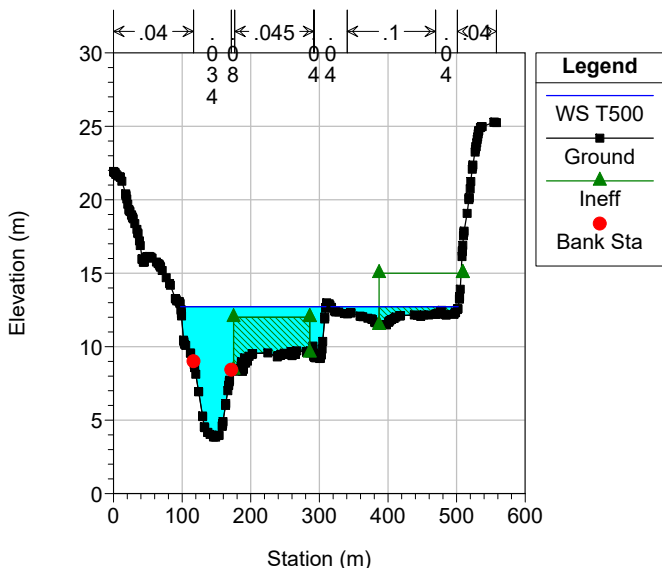
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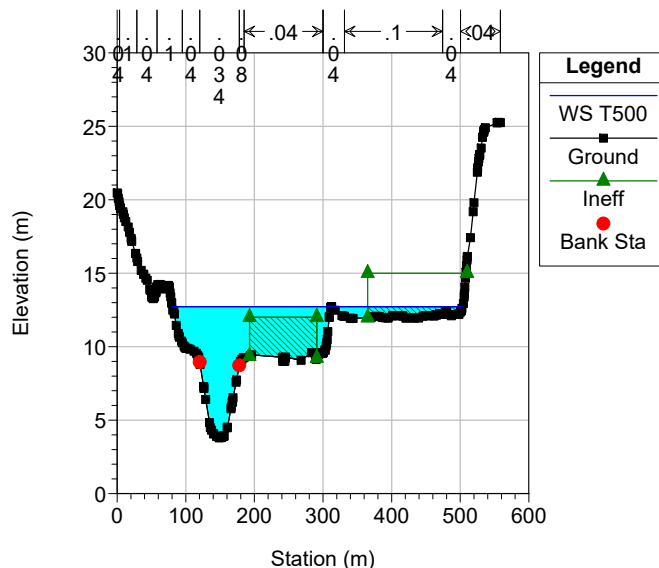
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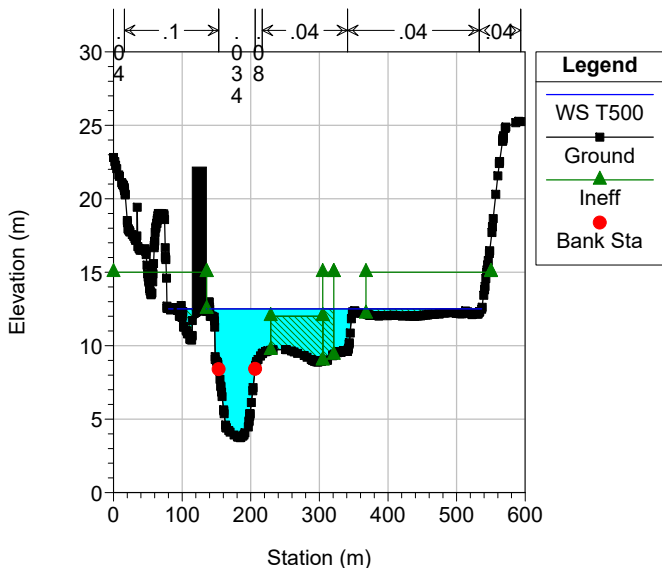
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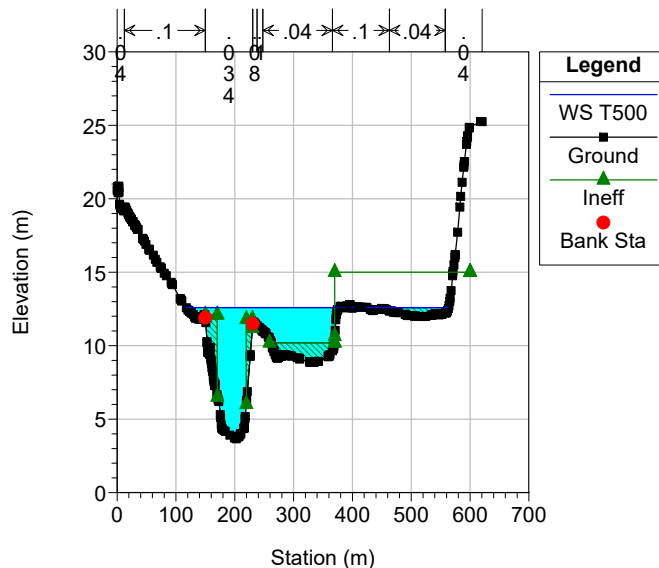
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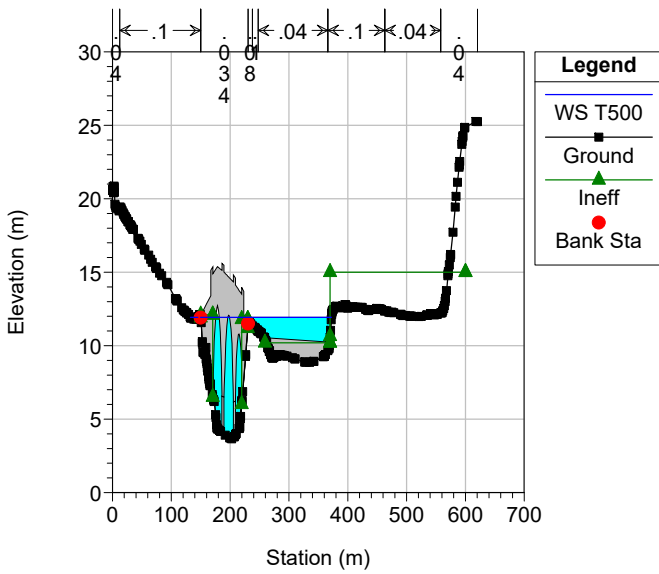
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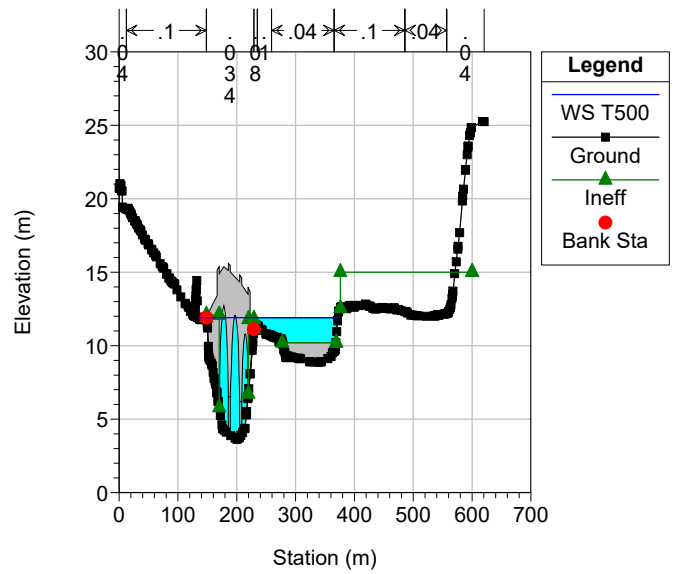
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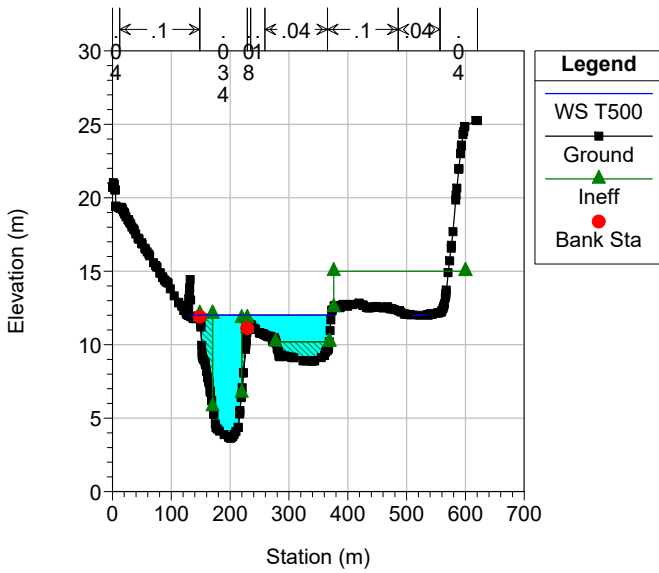
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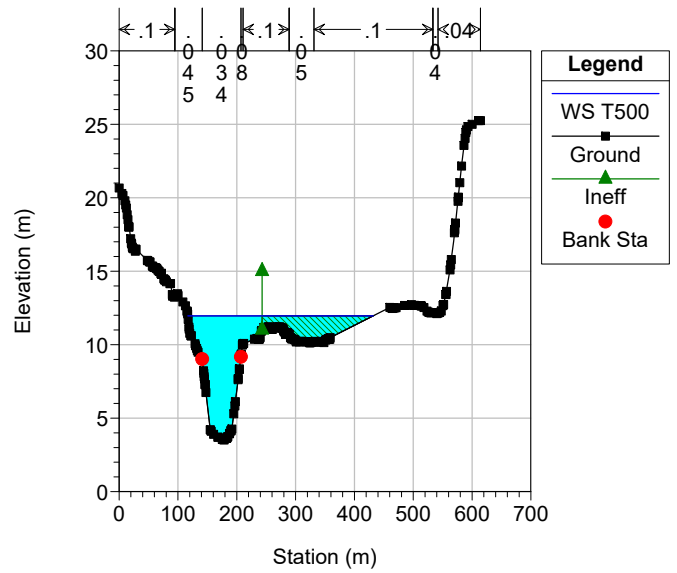
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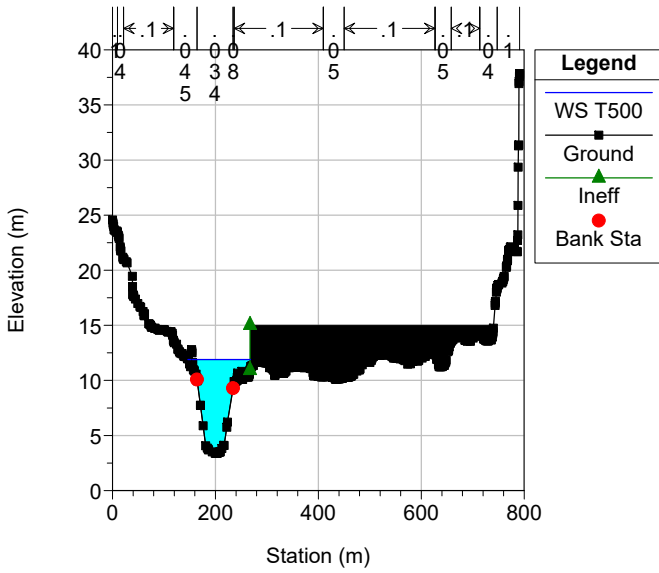
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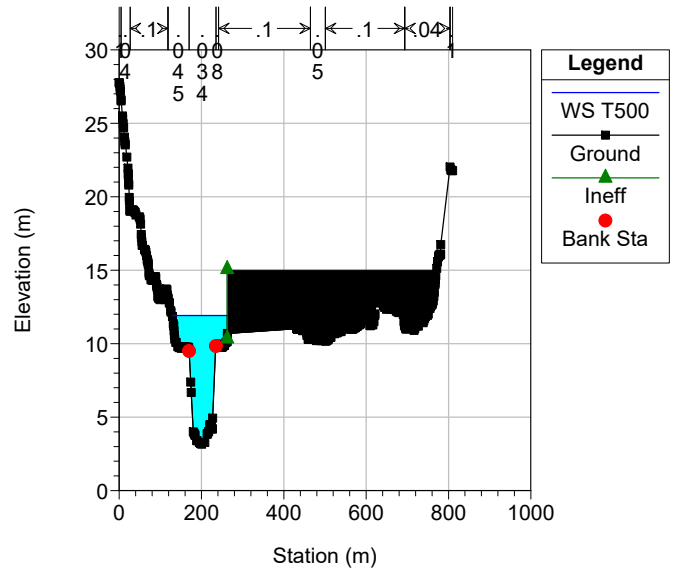
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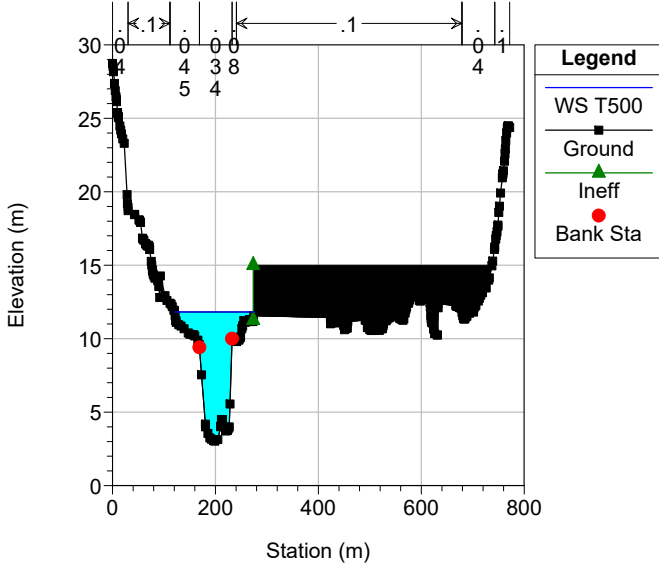
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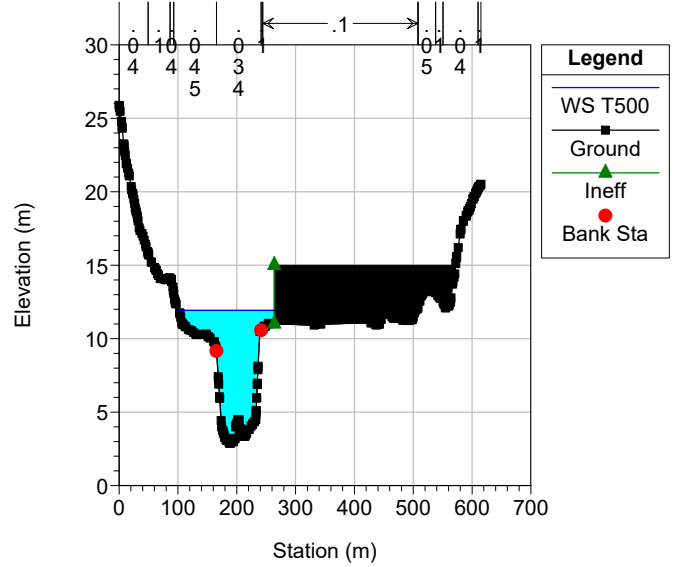
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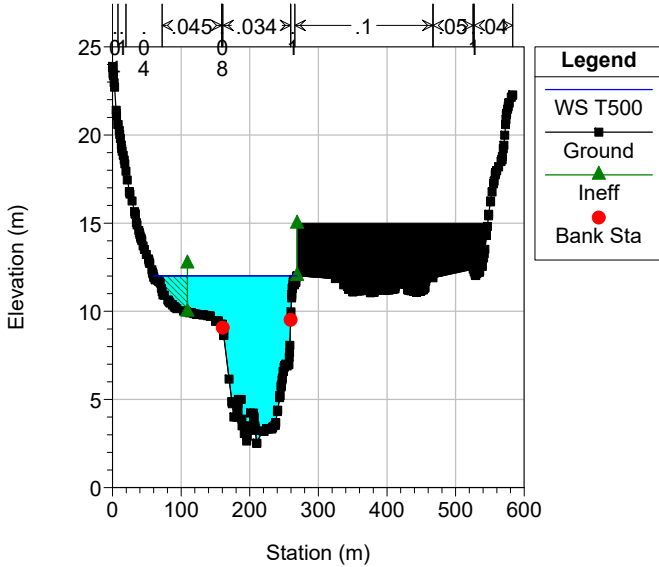
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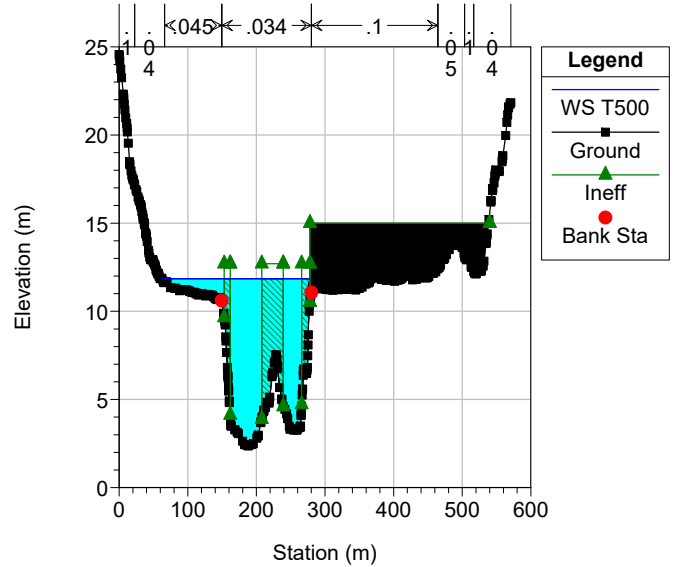
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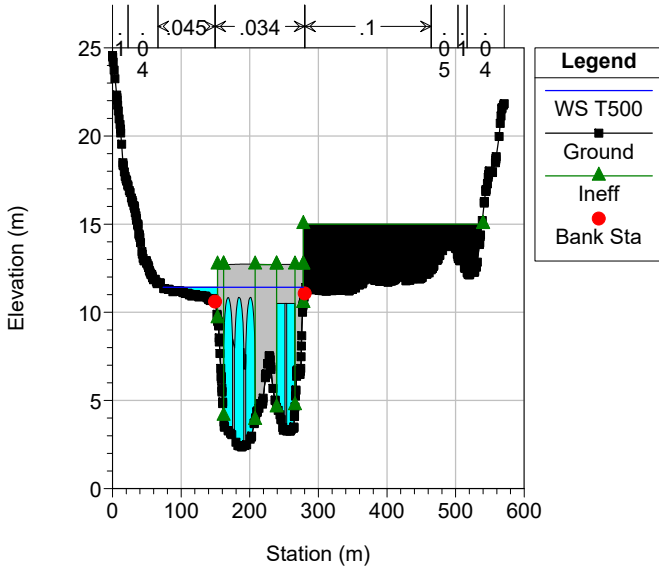
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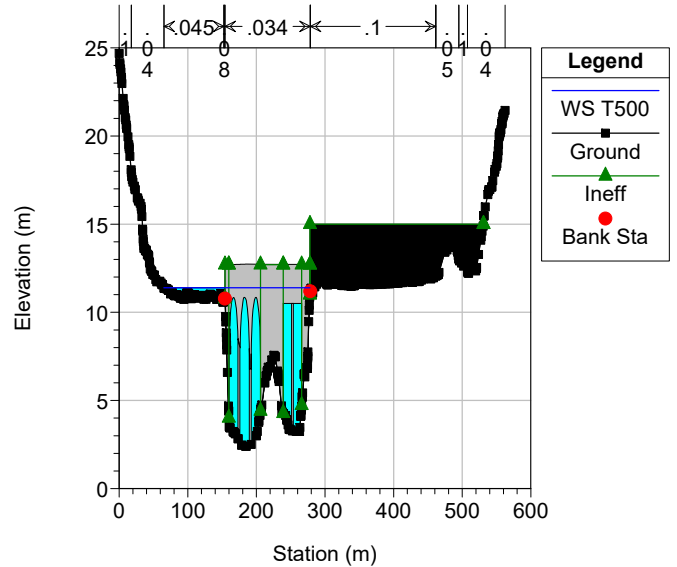
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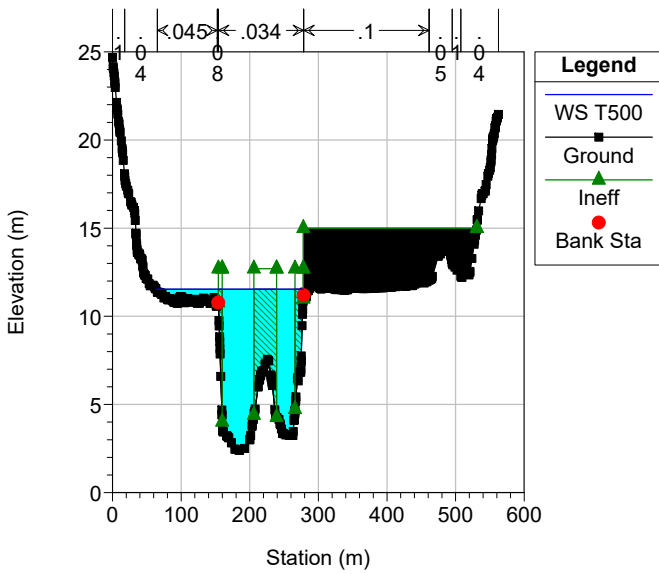
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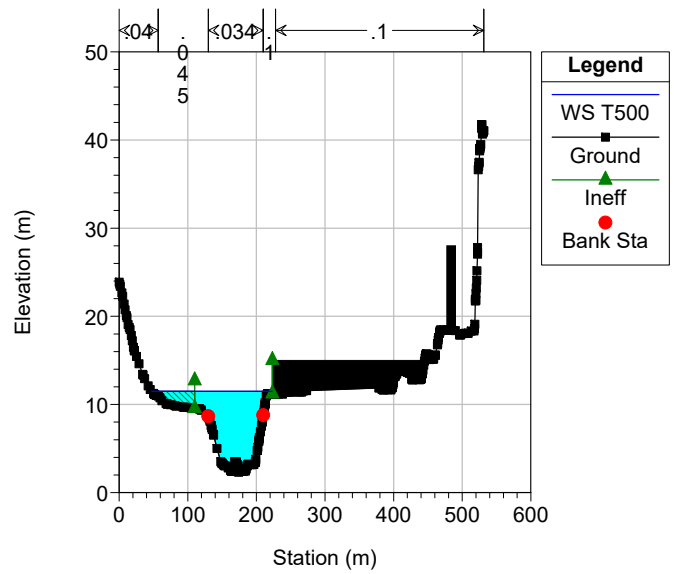
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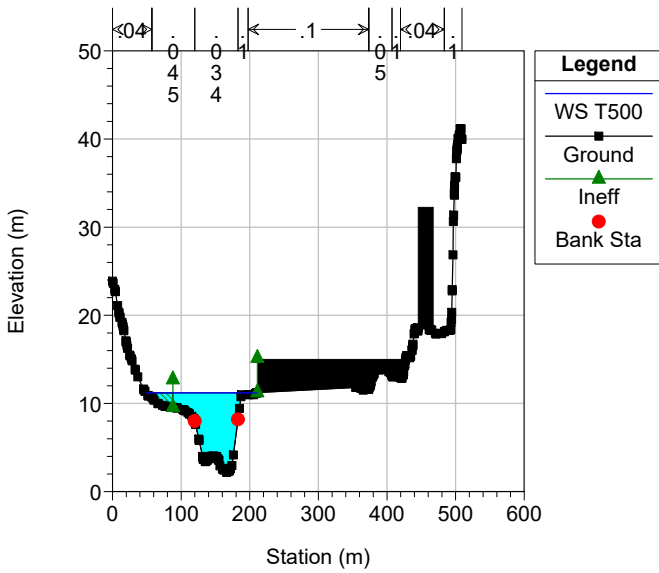
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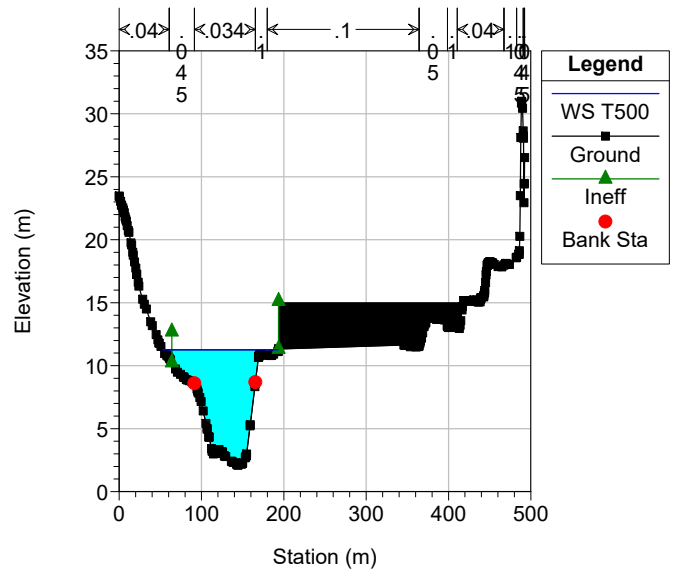
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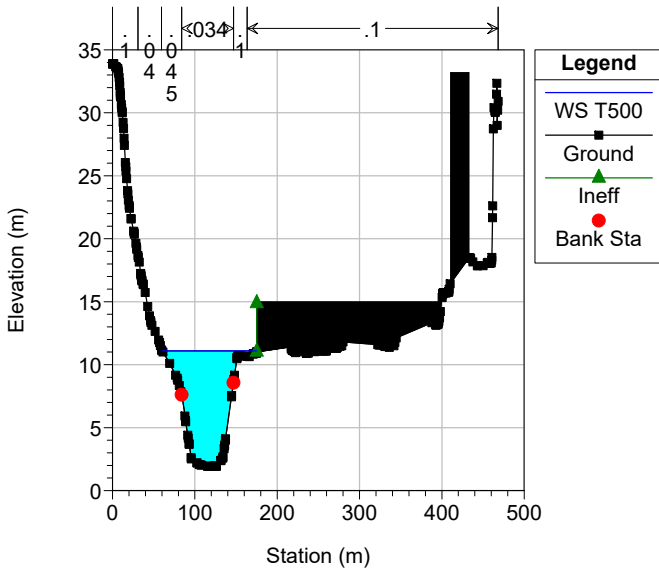
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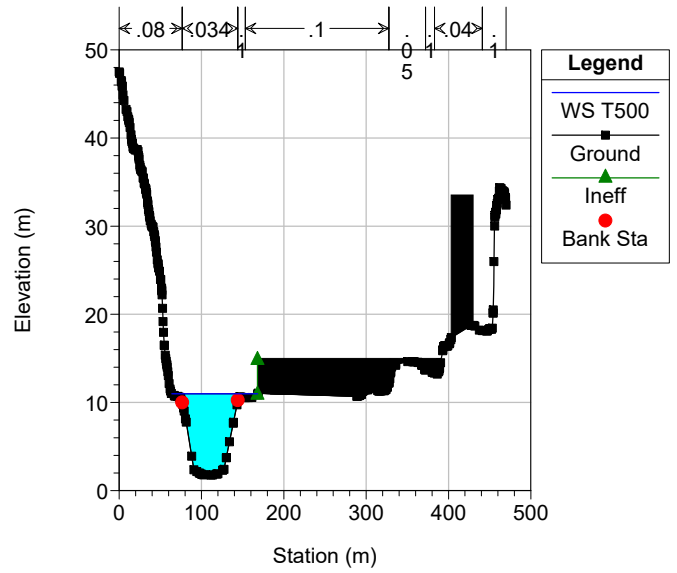
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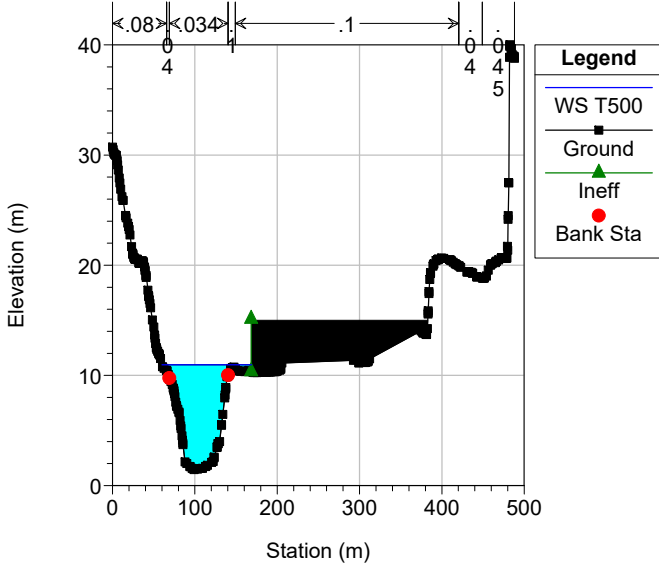
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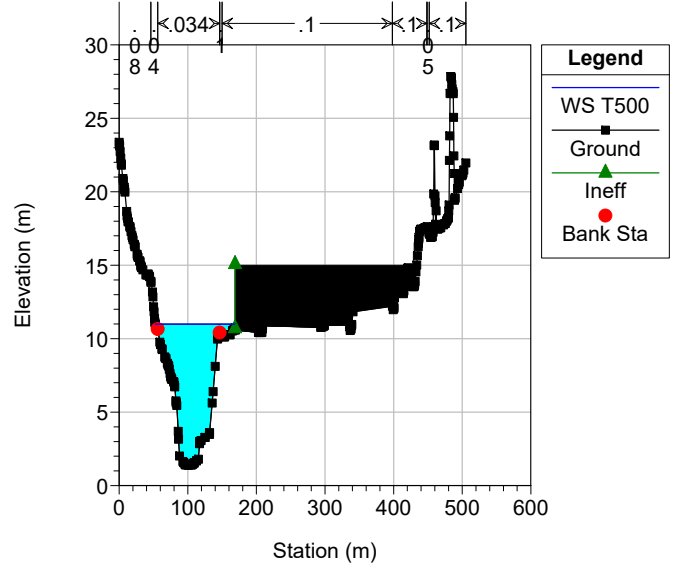
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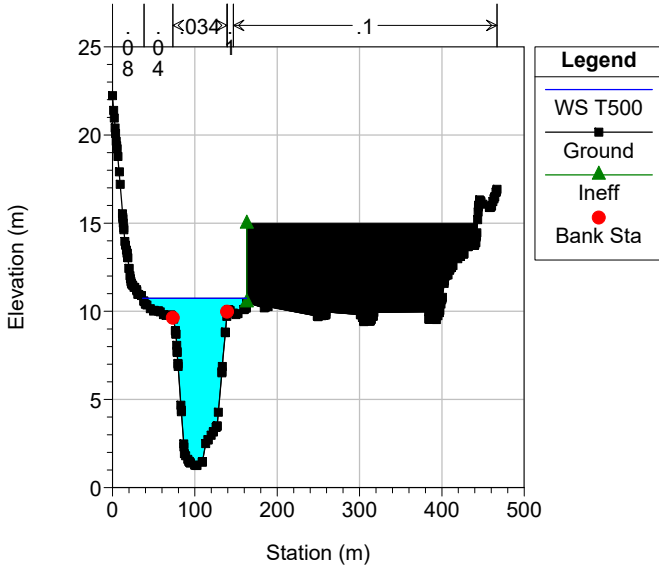
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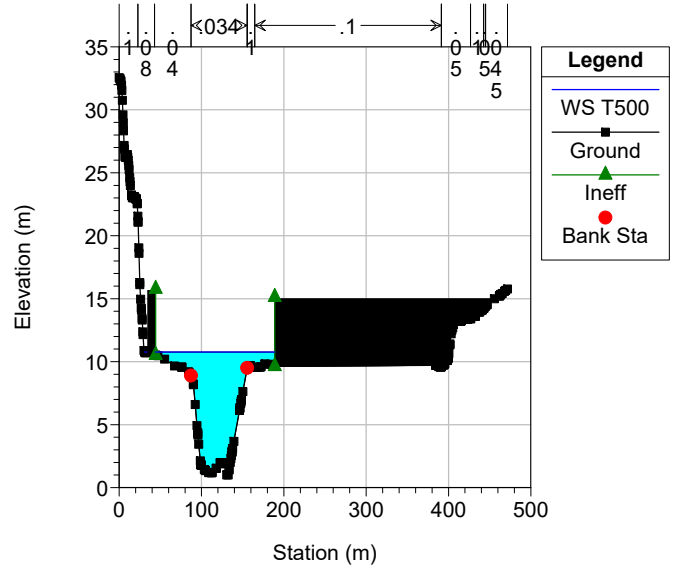
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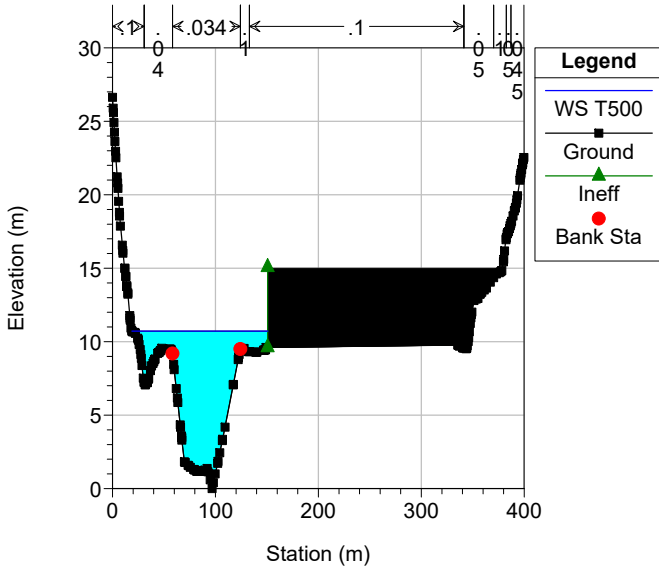
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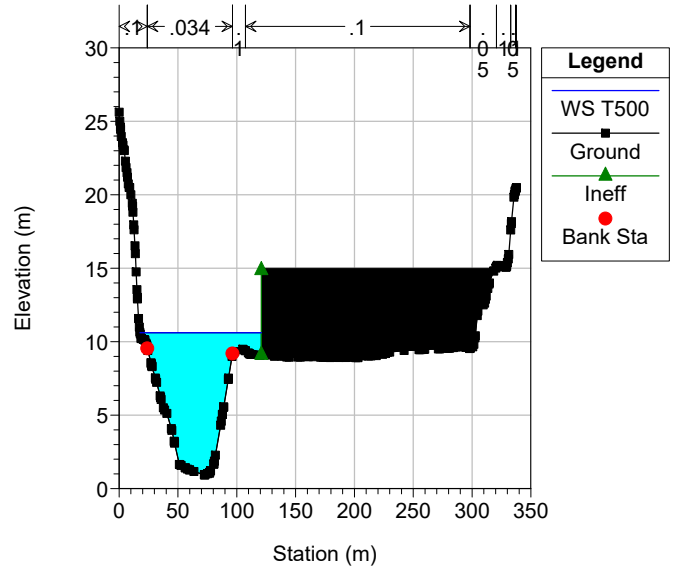
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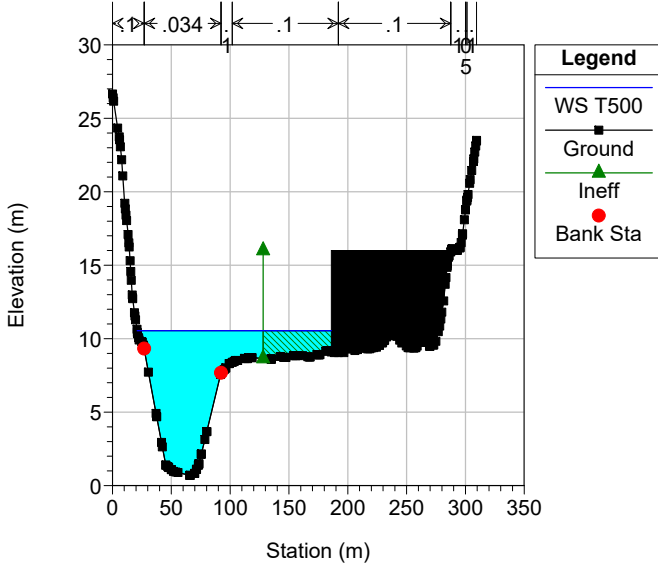
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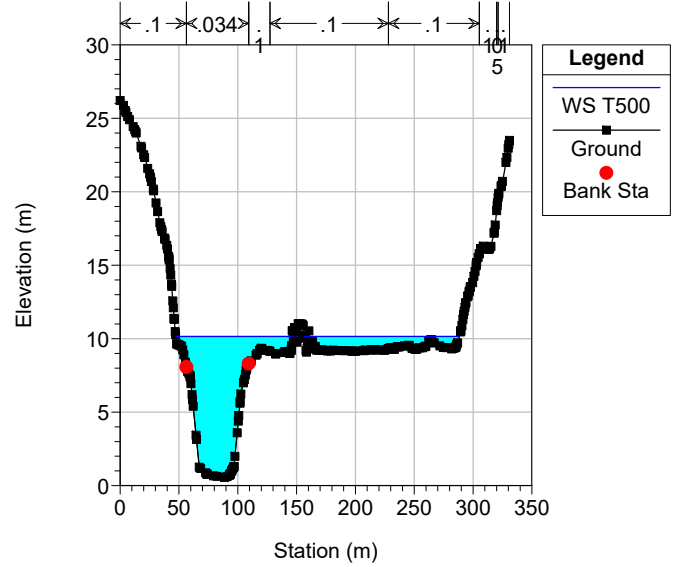
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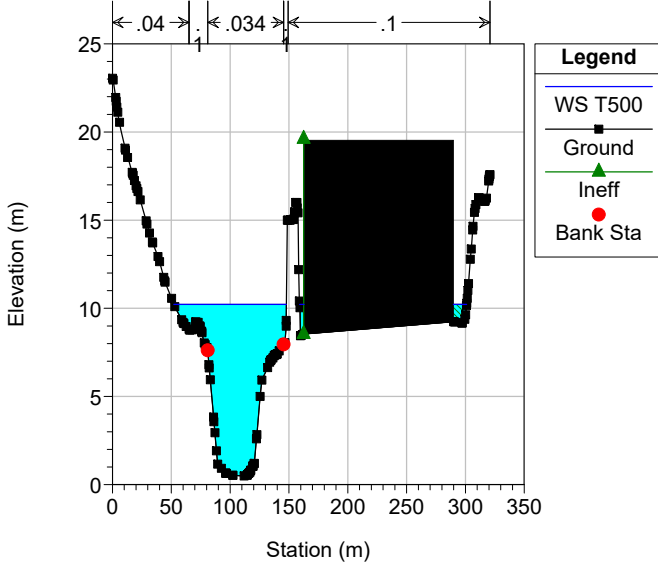
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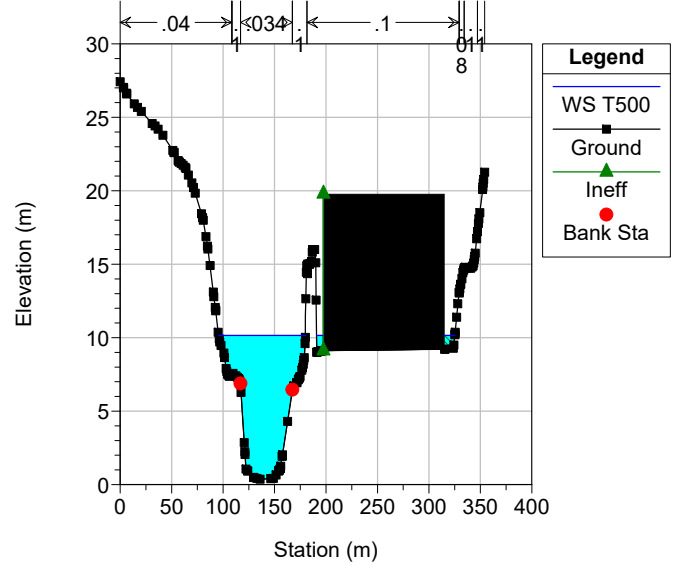
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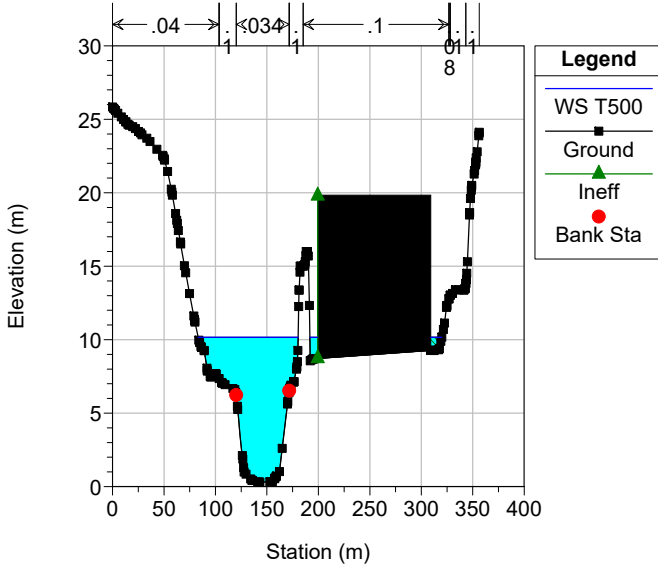
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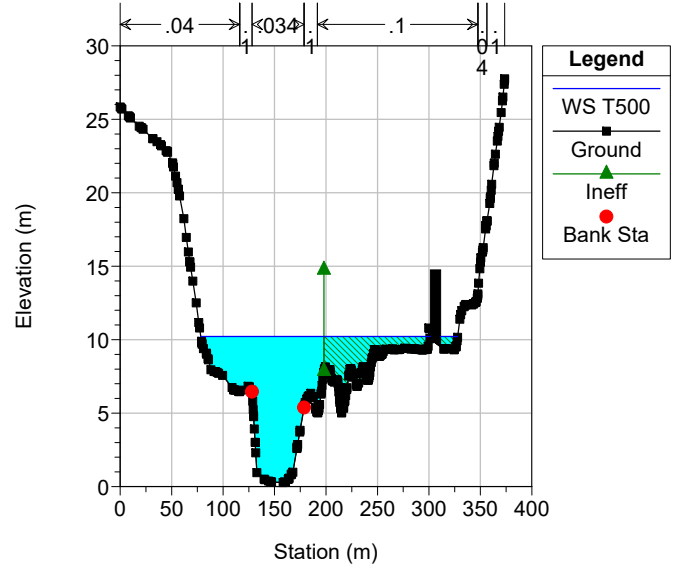
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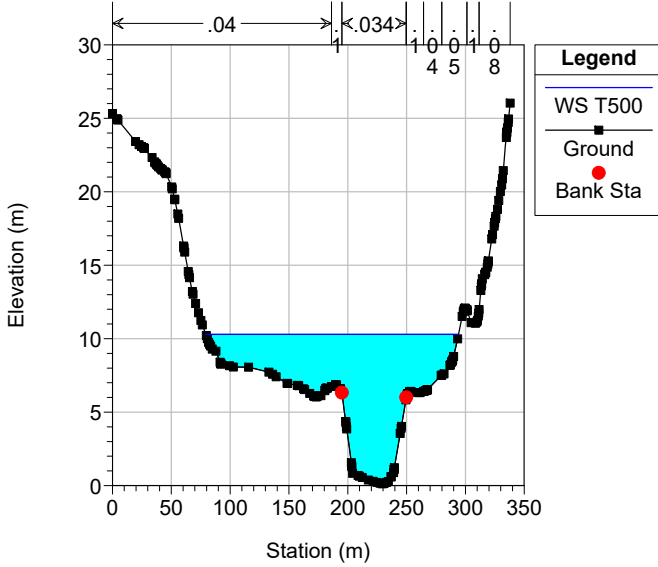
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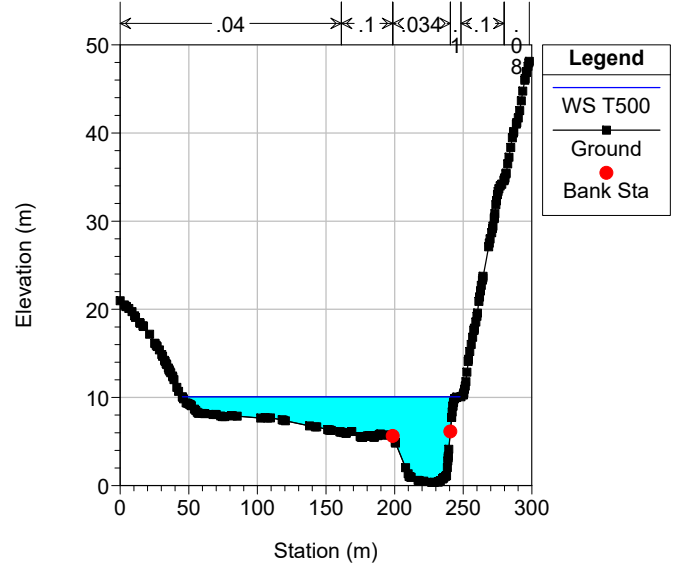
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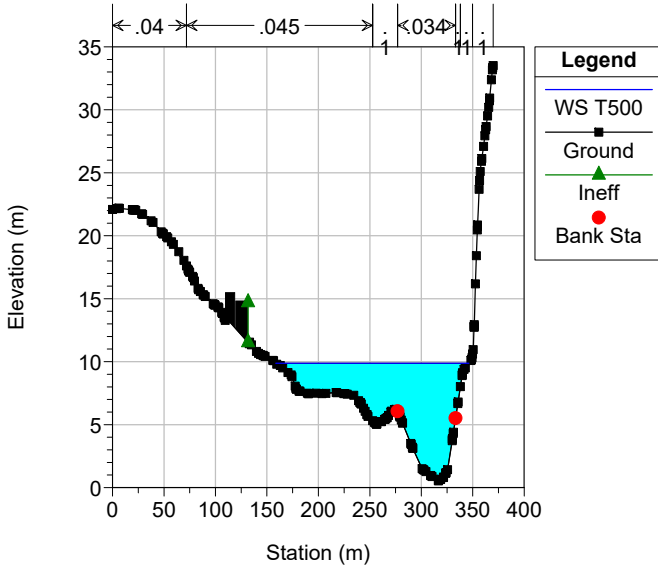
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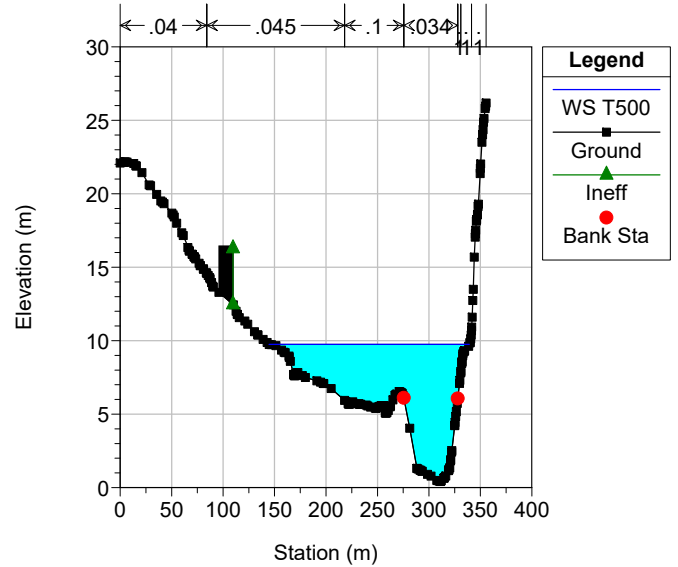
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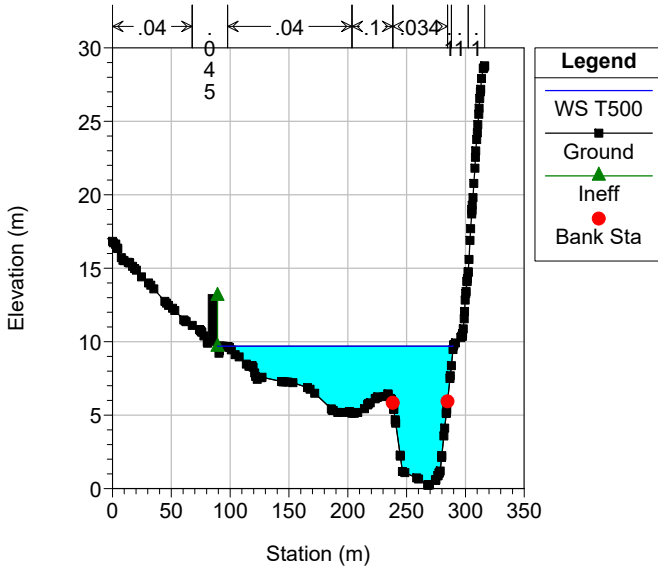
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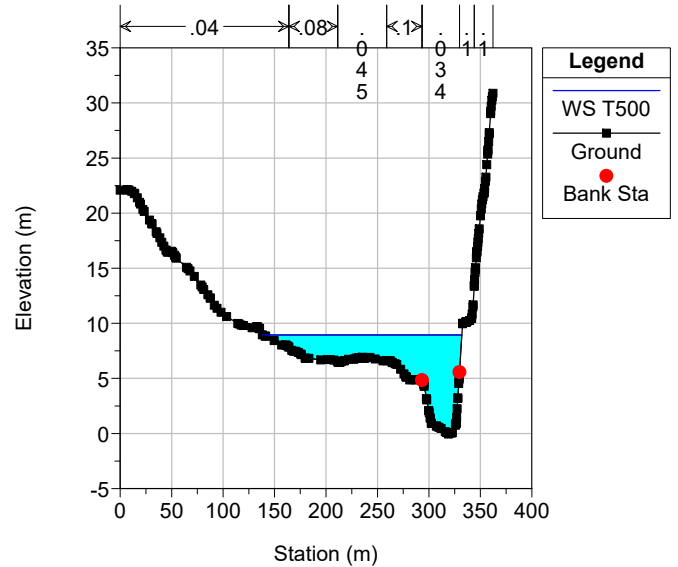
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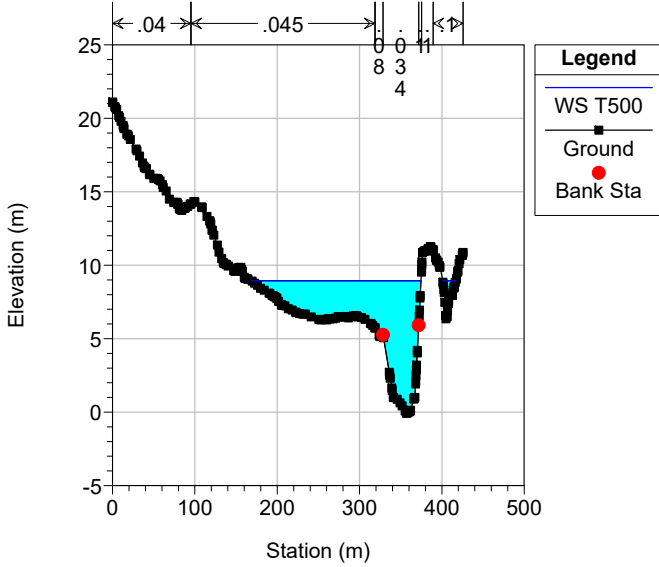
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 River = ORIA Reach = ORIA-2REGATA RS = 11211.57



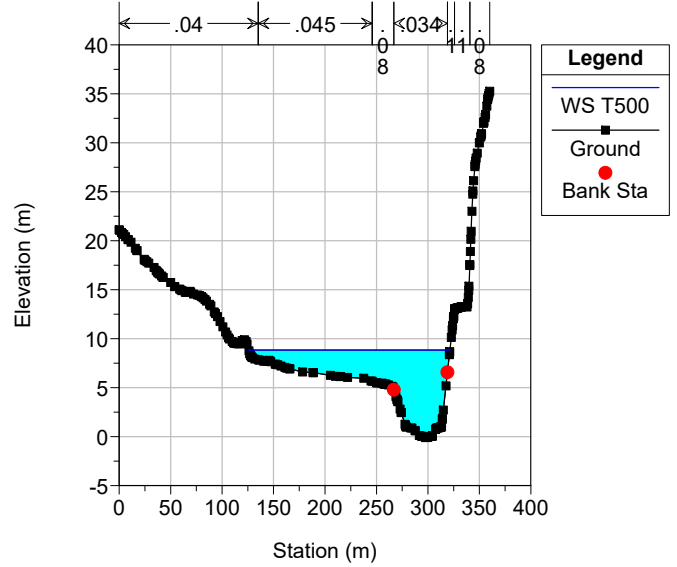
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 River = ORIA Reach = ORIA-2REGATA RS = 11039.79



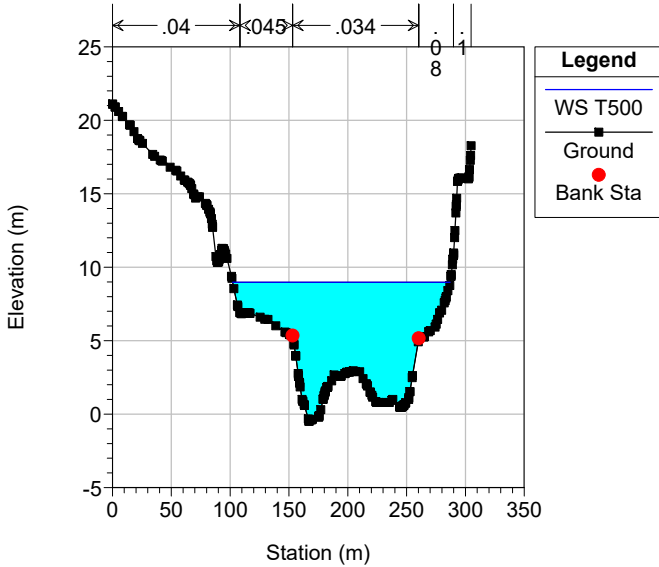
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 River = ORIA Reach = ORIA-2REGATA RS = 10914.69



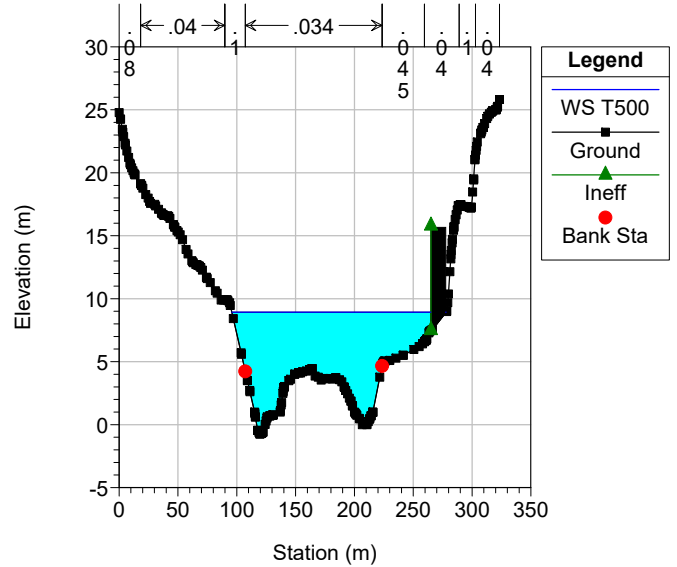
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 River = ORIA Reach = ORIA-2REGATA RS = 10742.68



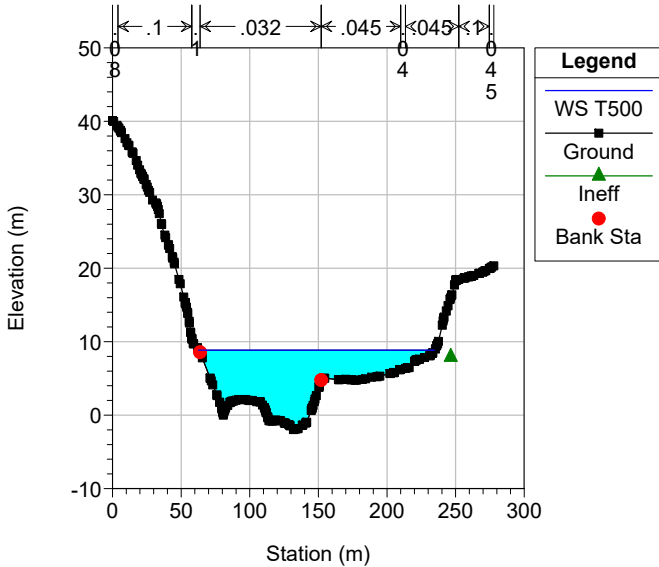
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 River = ORIA Reach = ORIA-2REGATA RS = 10619.16



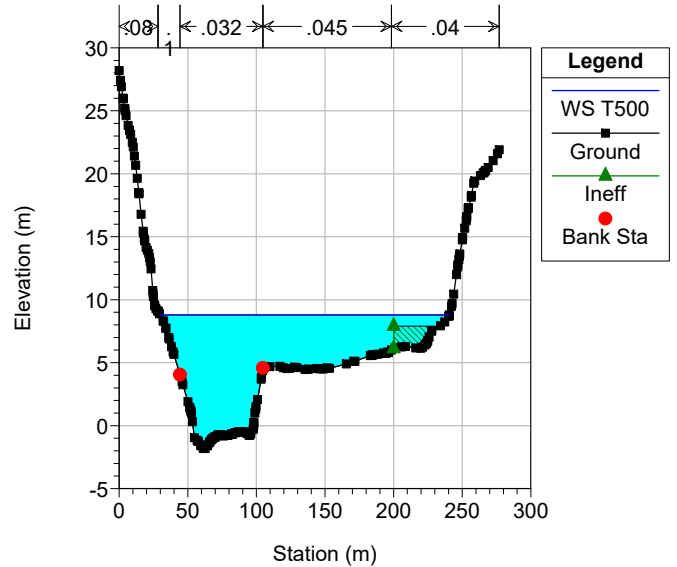
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10513.57



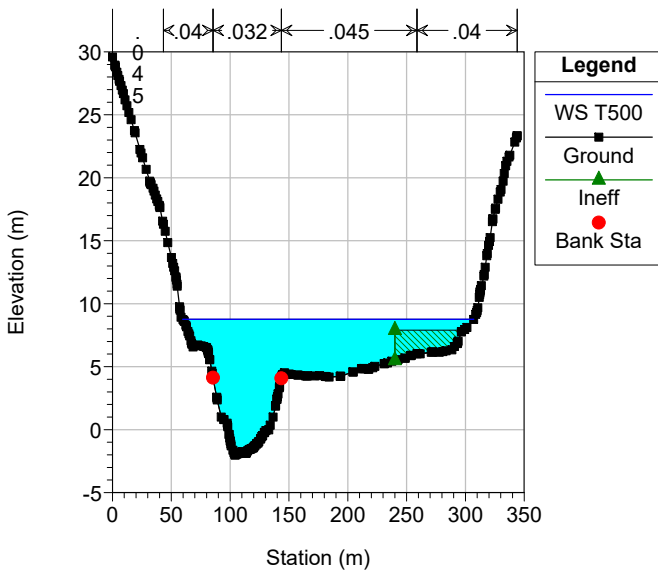
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10362.58



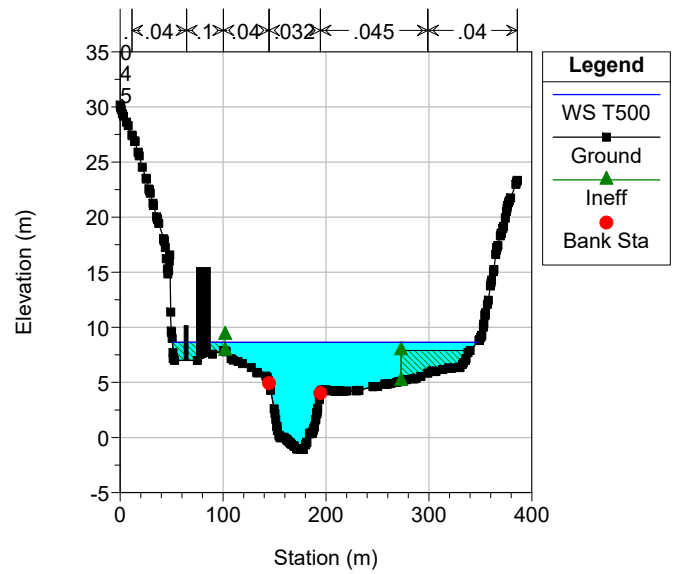
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10261.68



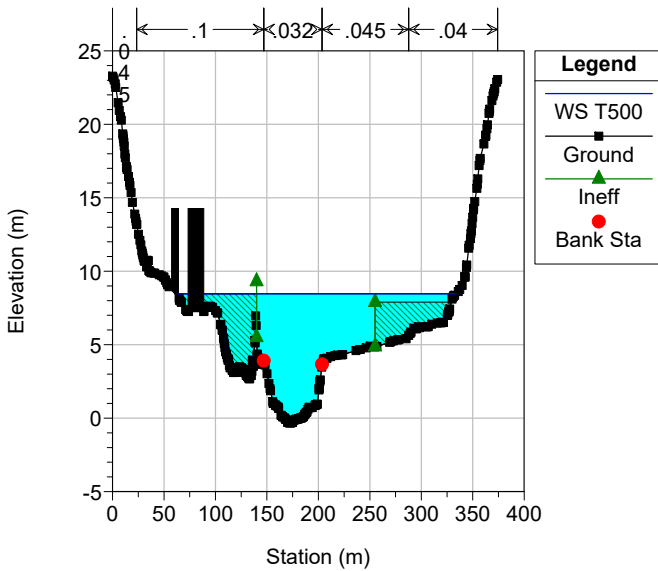
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10168.20



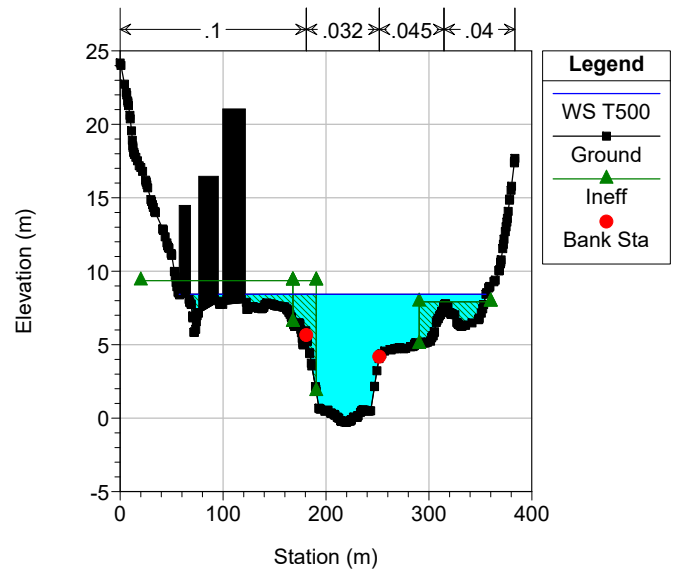
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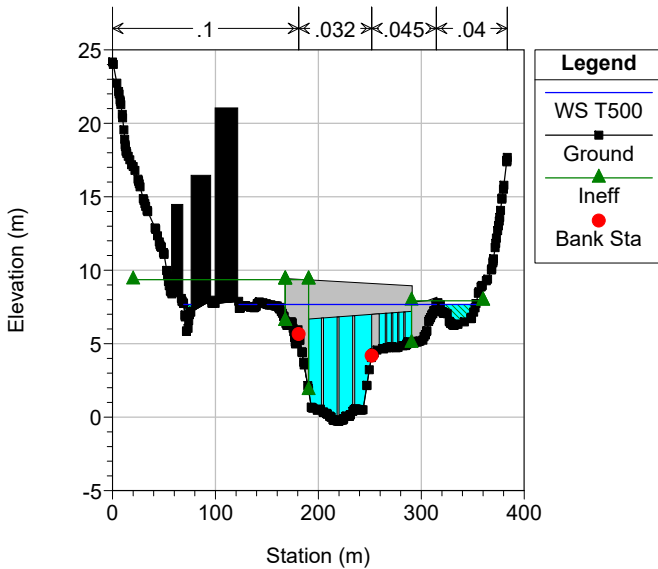
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 River = ORIA Reach = ORIA-2REGATA RS = 10084.20



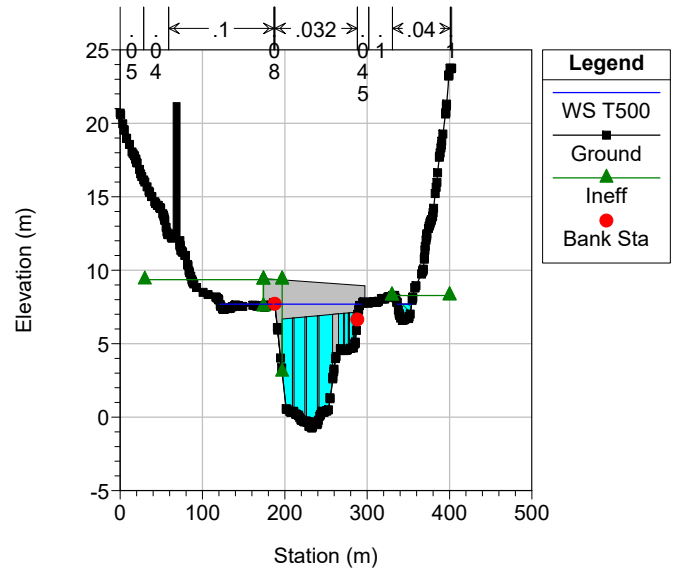
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 River = ORIA Reach = ORIA-2REGATA RS = 10052.30



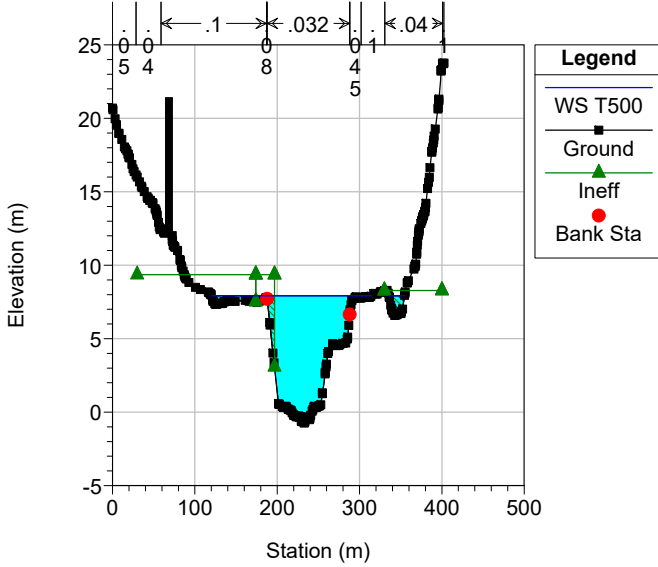
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 River = ORIA Reach = ORIA-2REGATA RS = 10048.87 BR E112



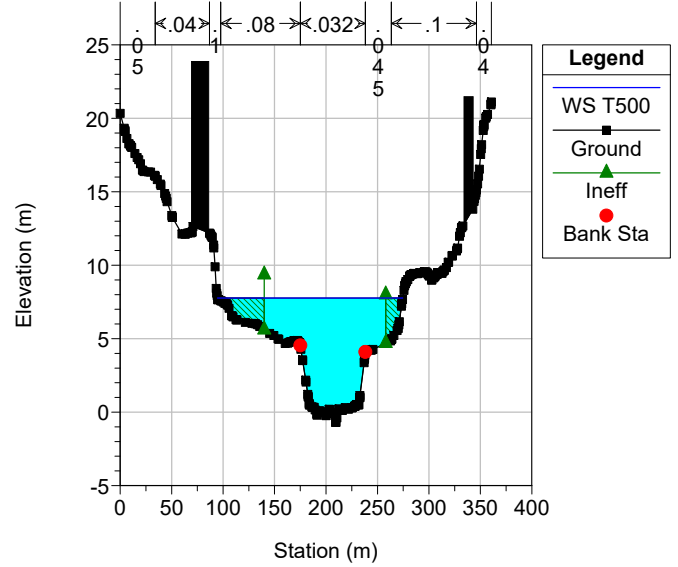
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 River = ORIA Reach = ORIA-2REGATA RS = 10048.87 BR E112



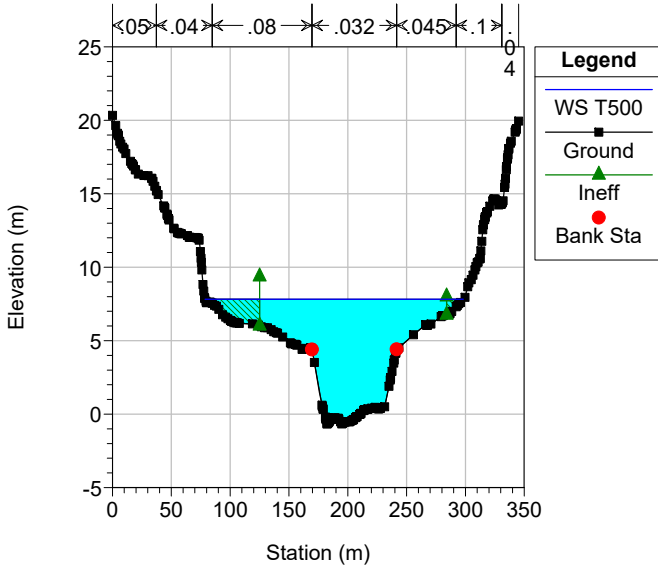
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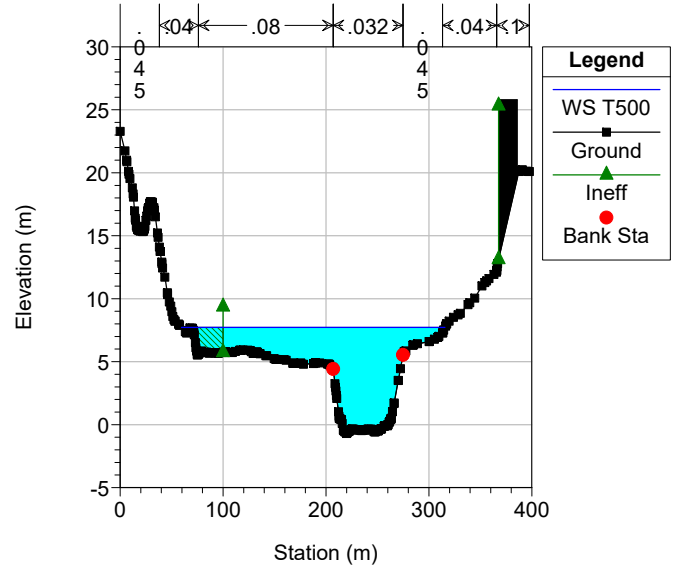
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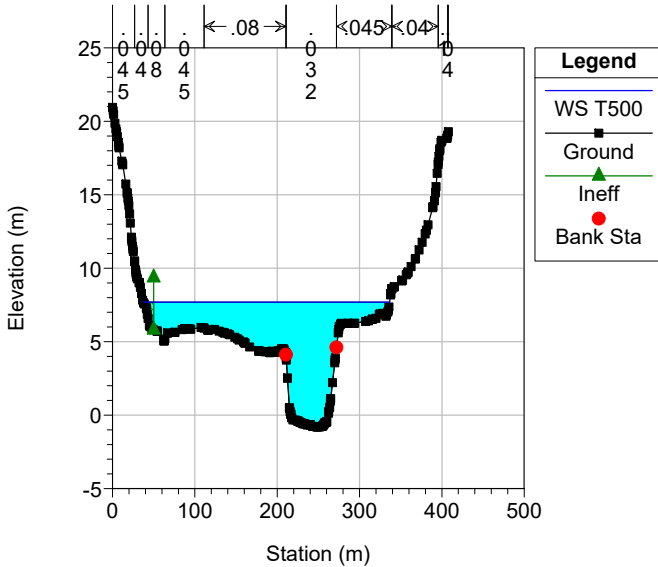
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 River = ORIA Reach = ORIA-2REGATA RS = 9952.628



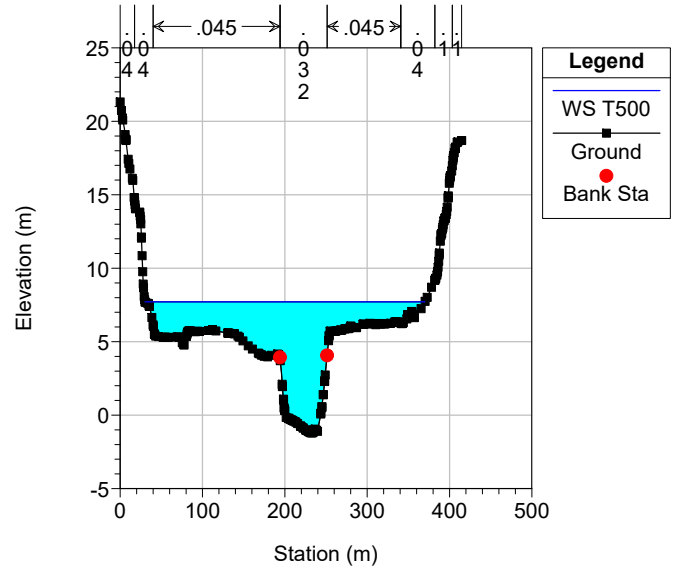
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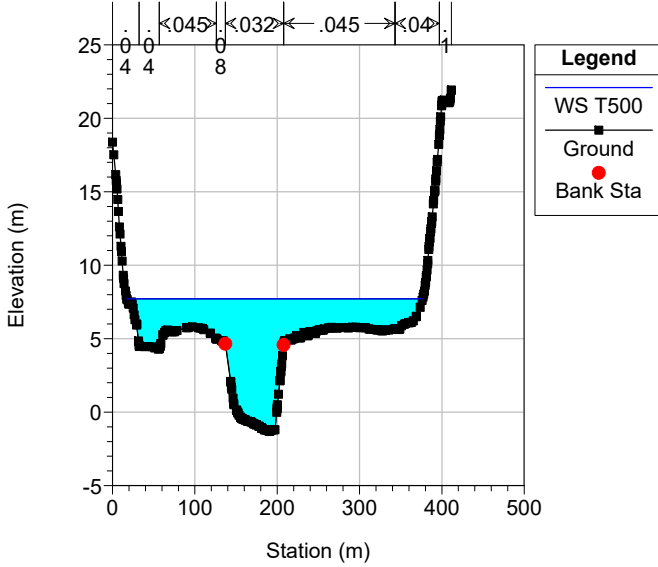
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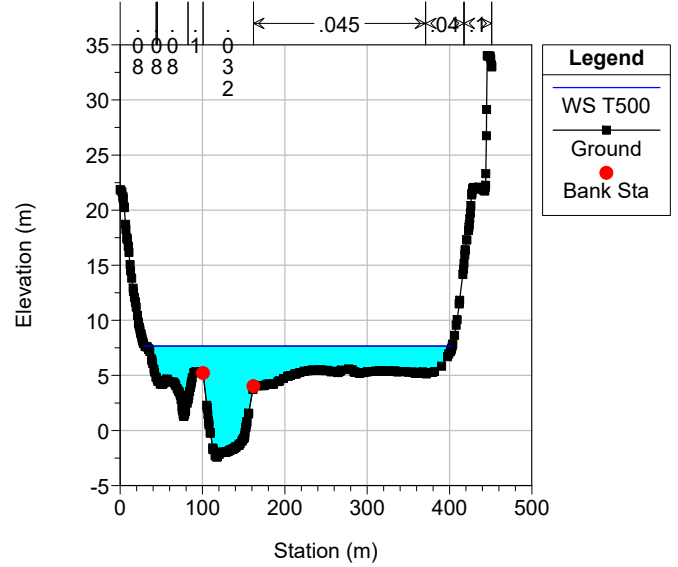
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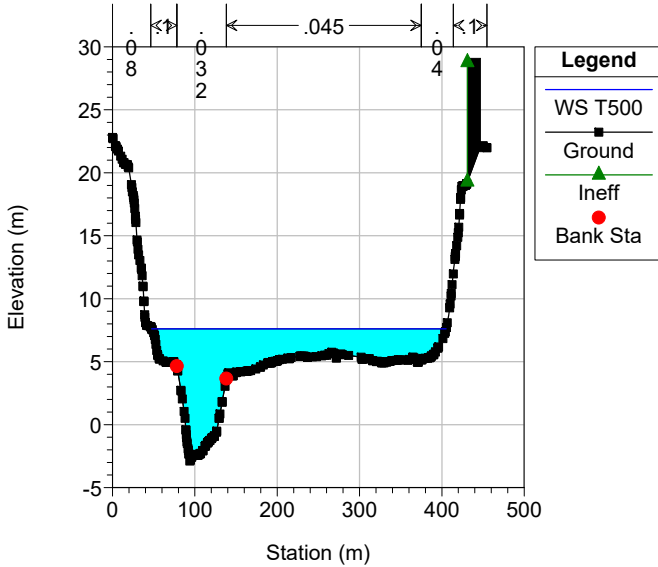
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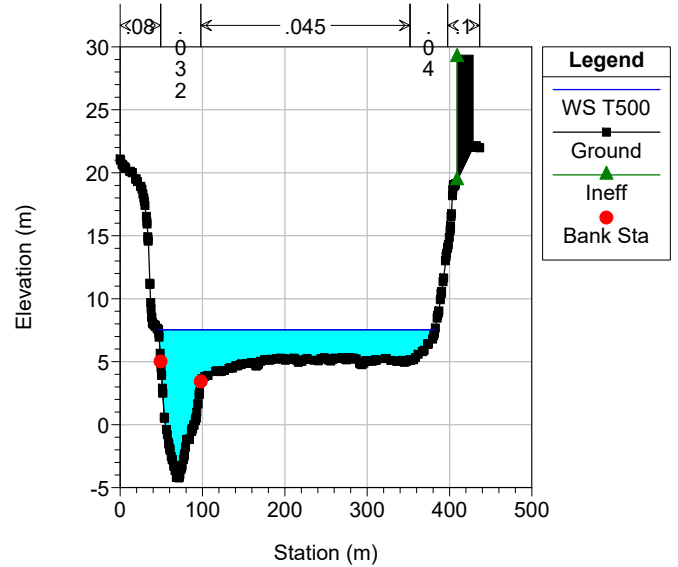
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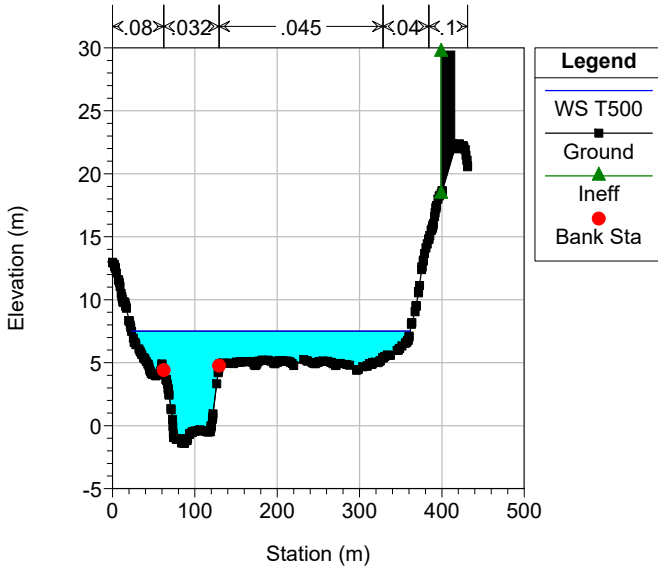
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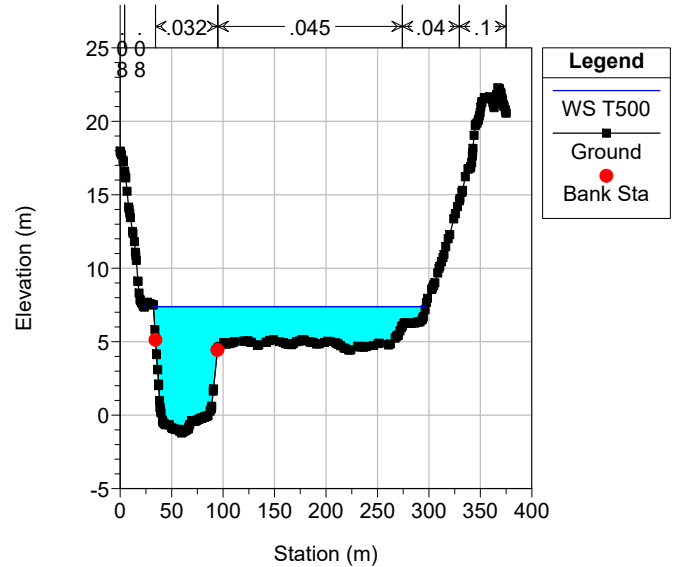
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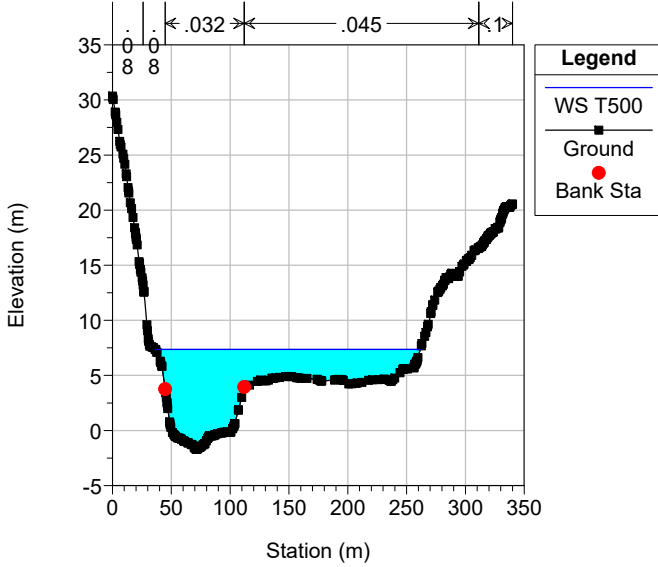
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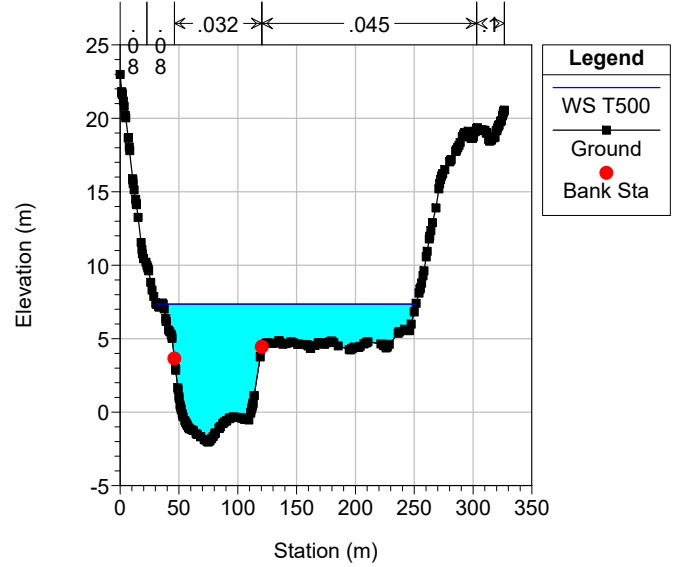
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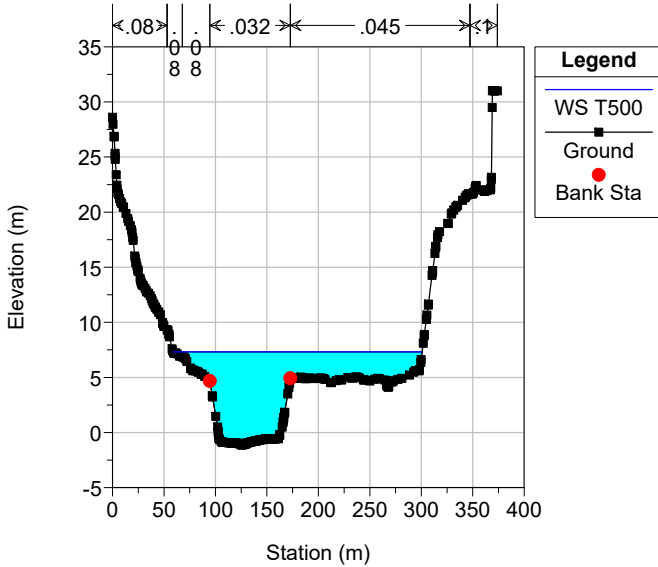
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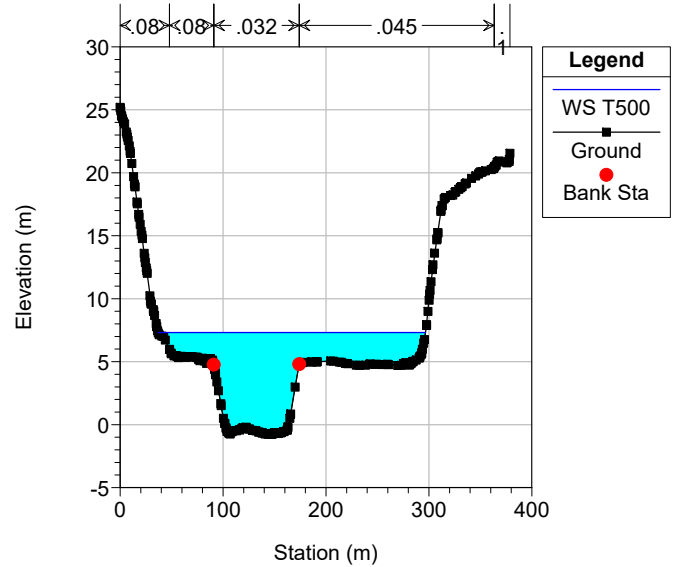
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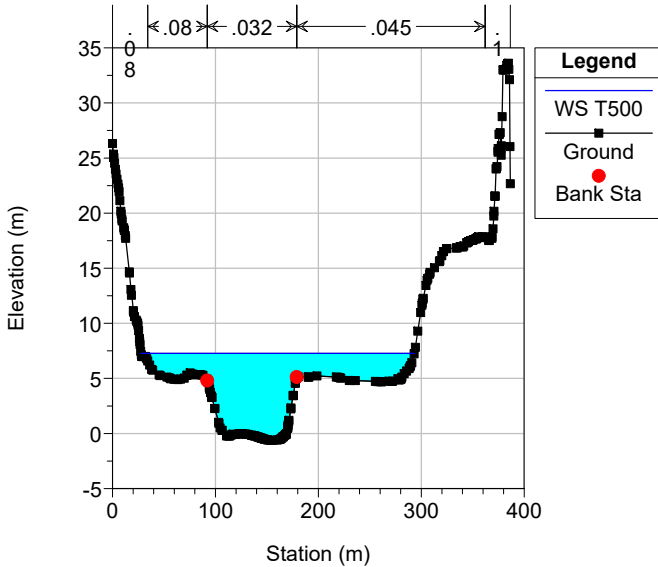
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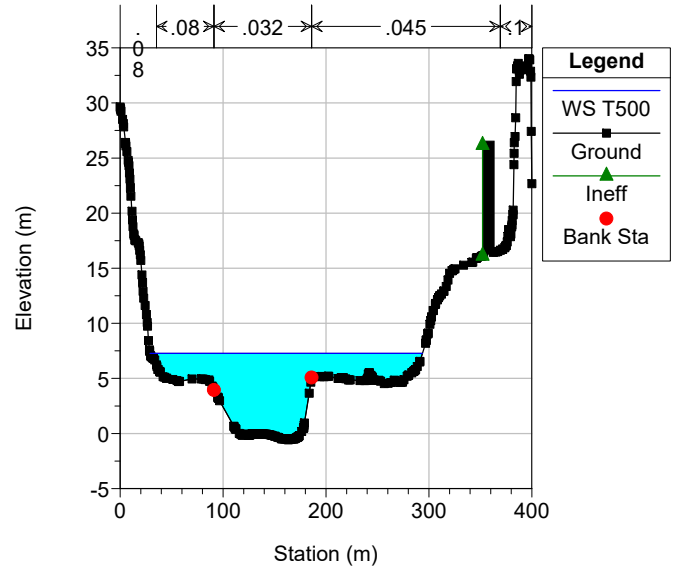
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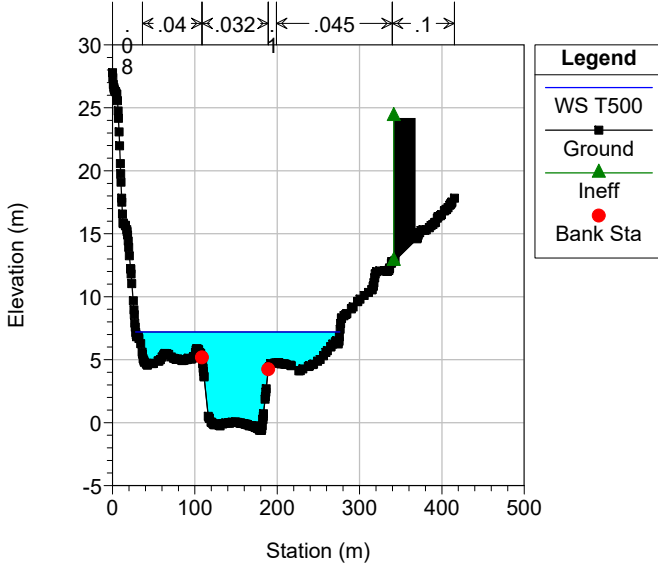
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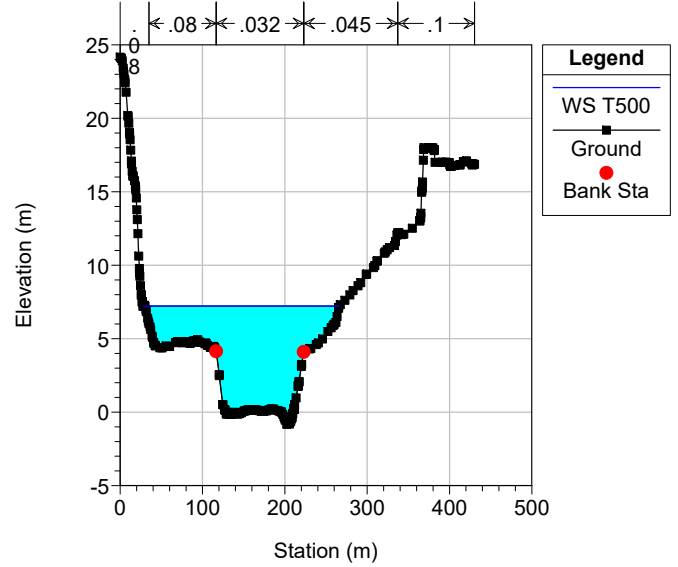
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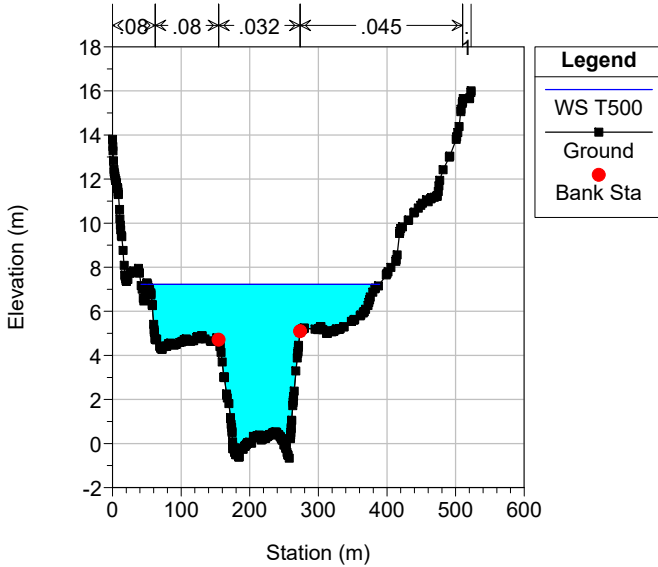
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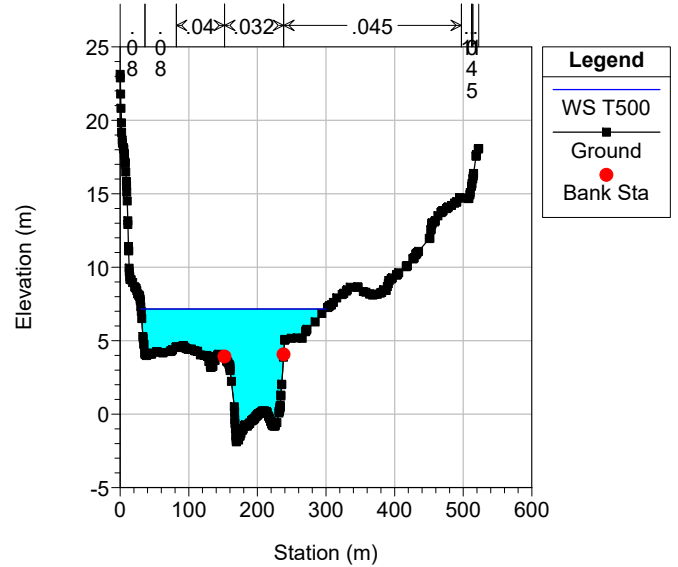
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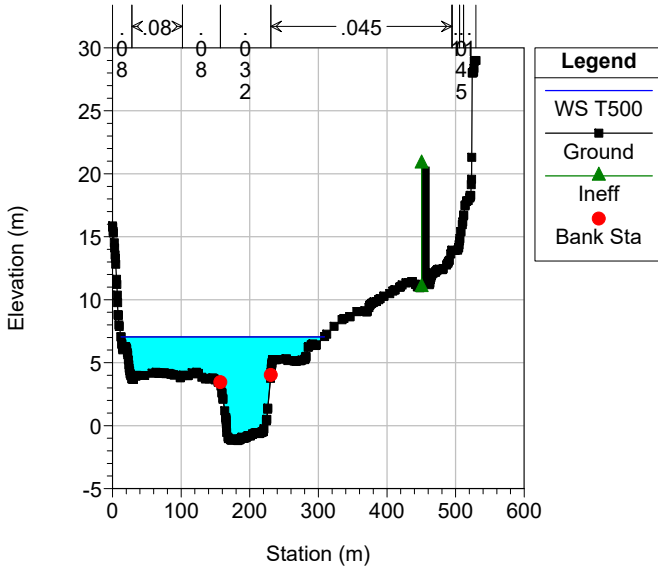
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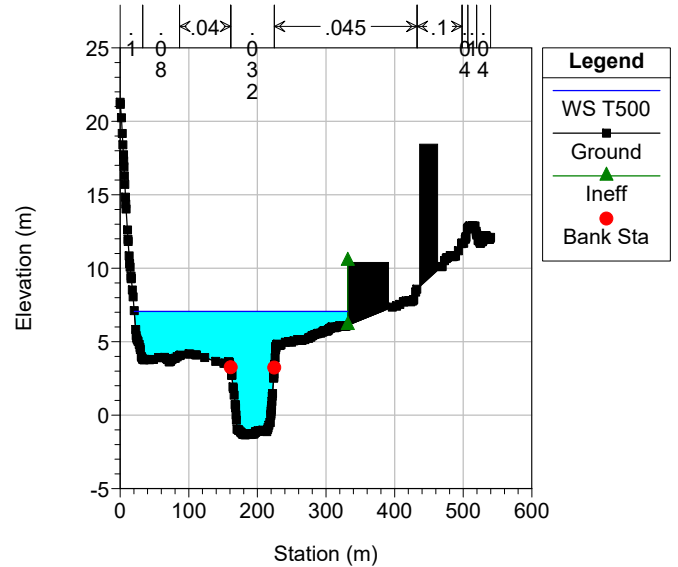
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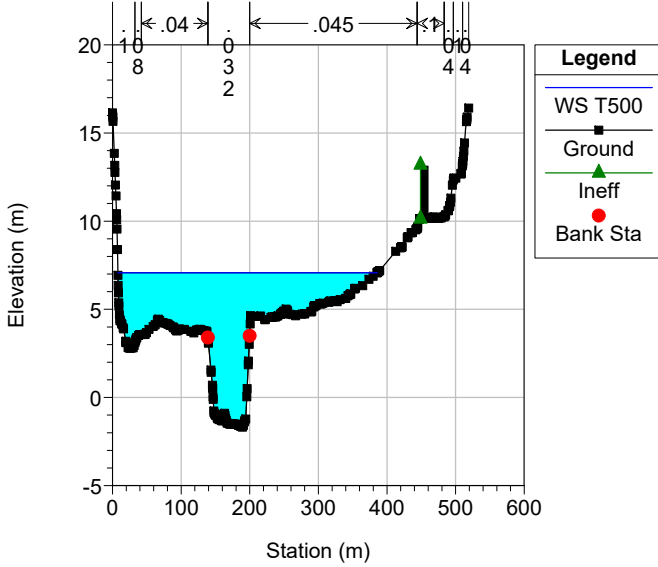
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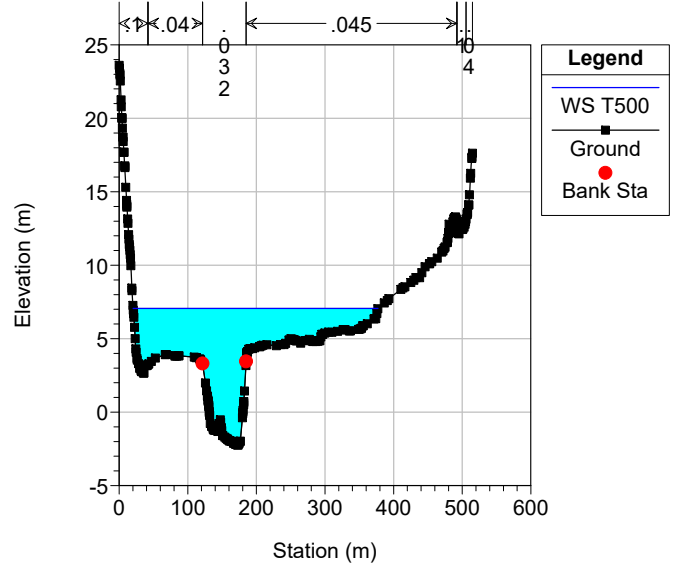
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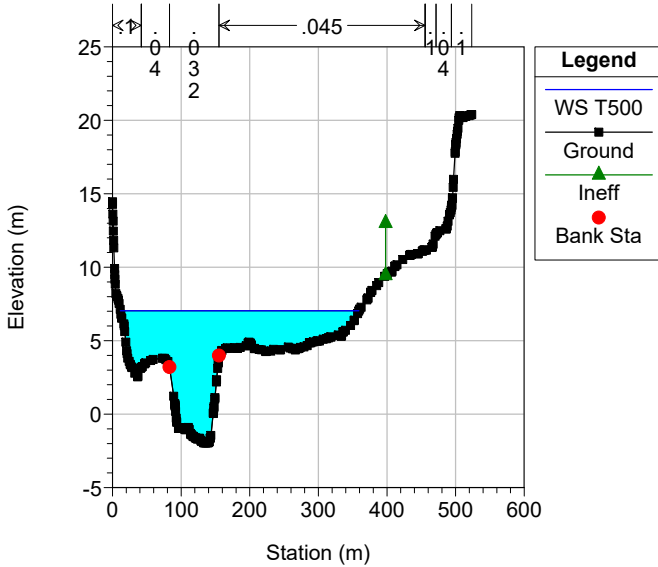
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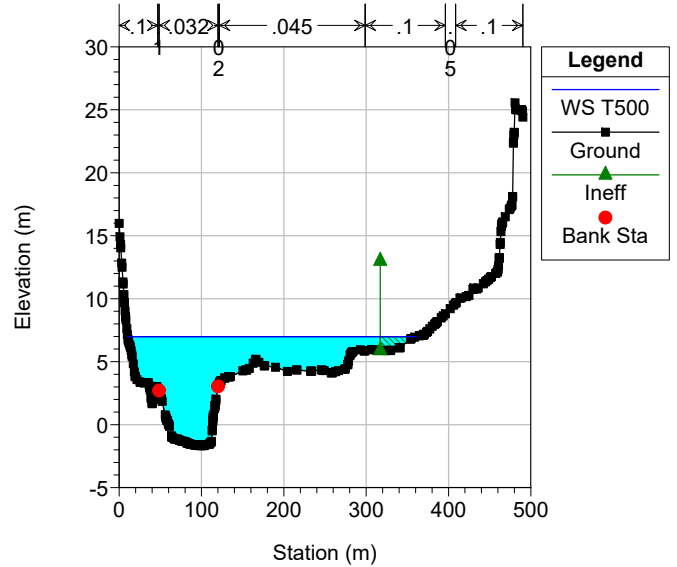
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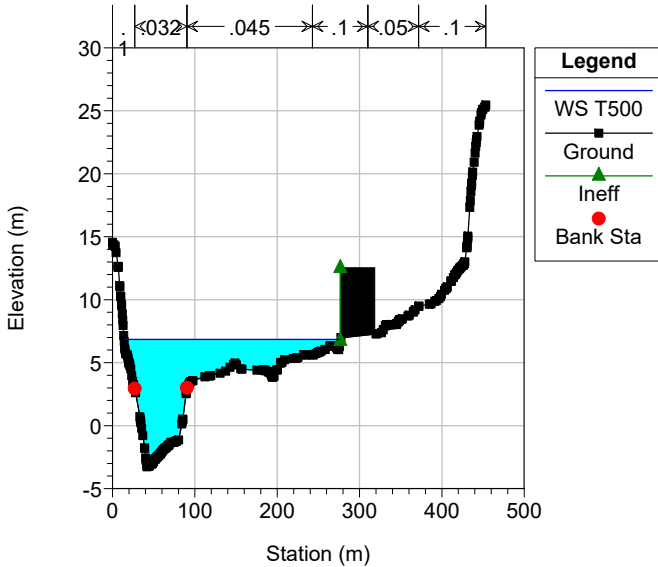
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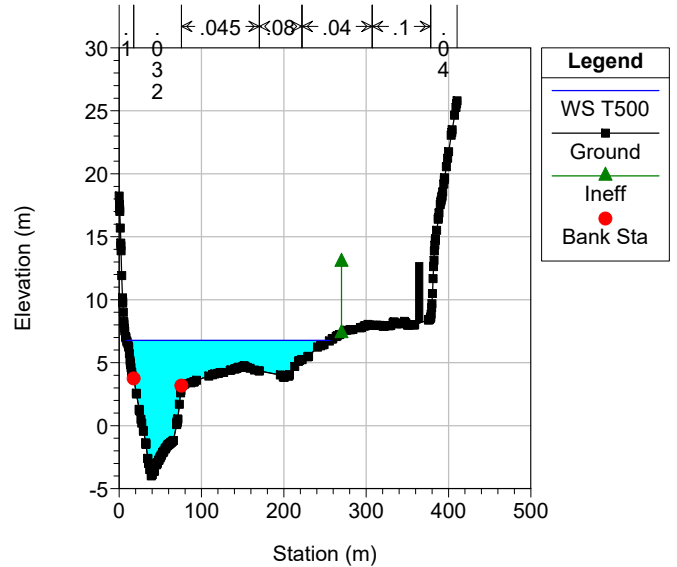
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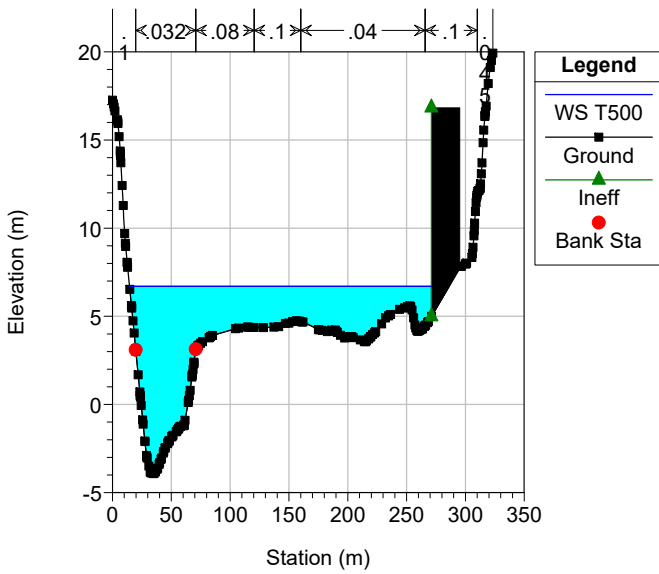
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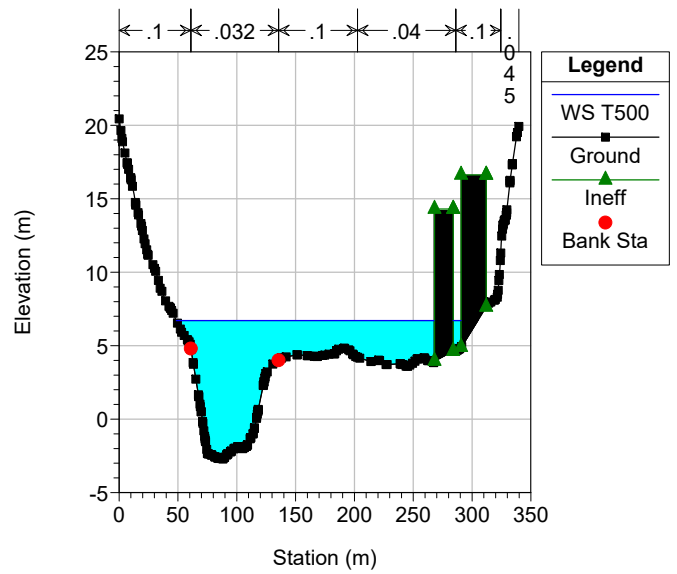
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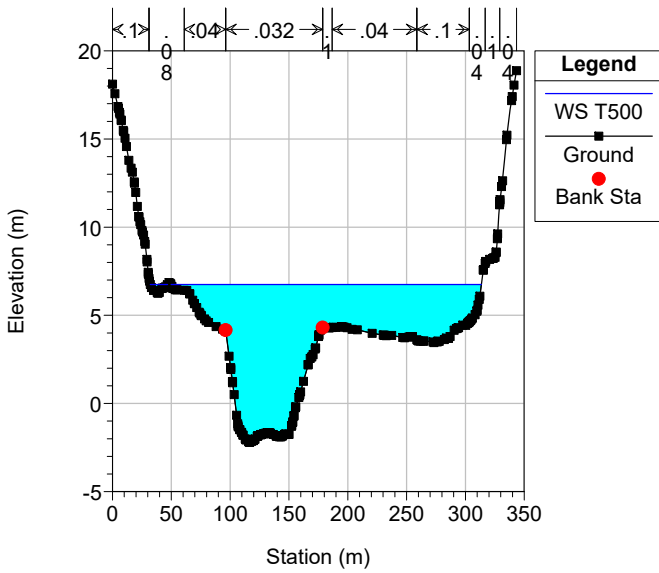
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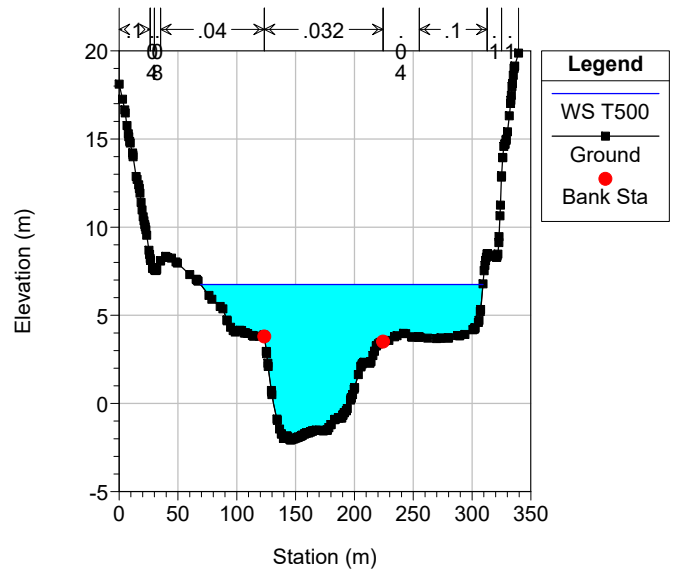
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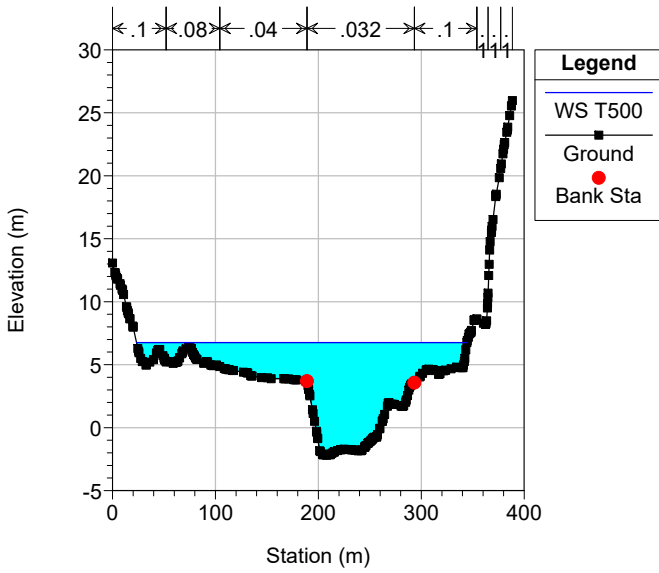
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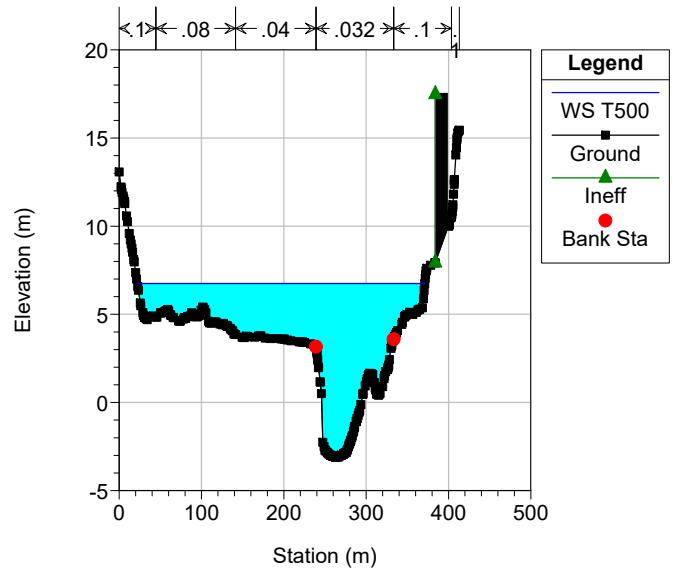
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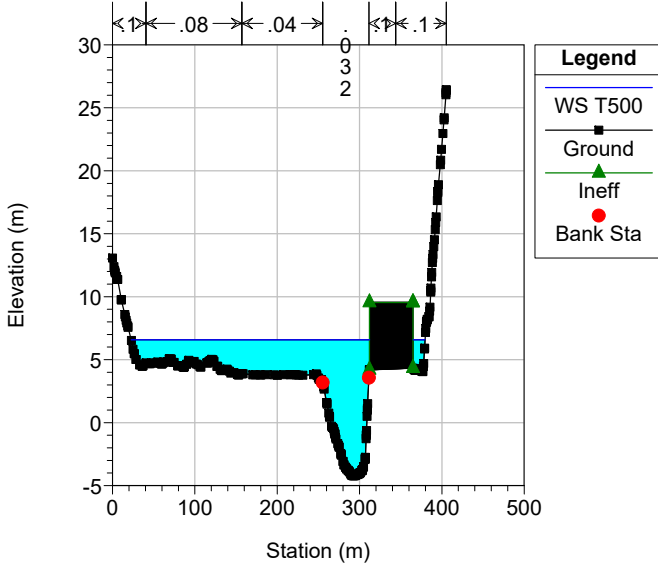
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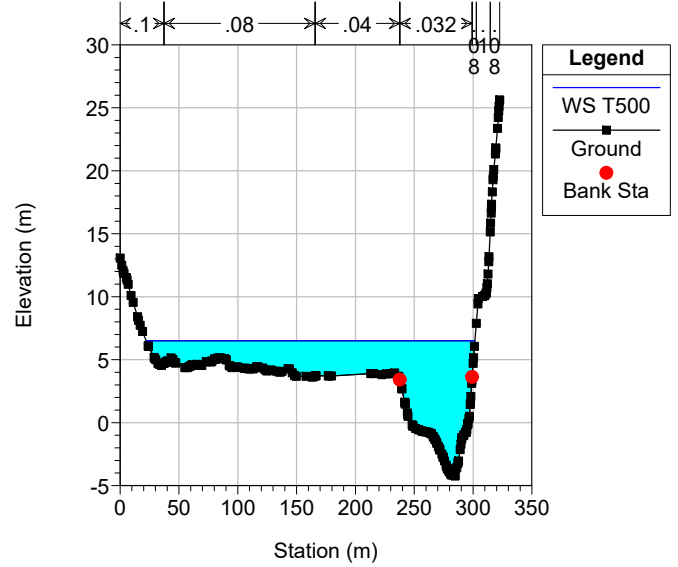
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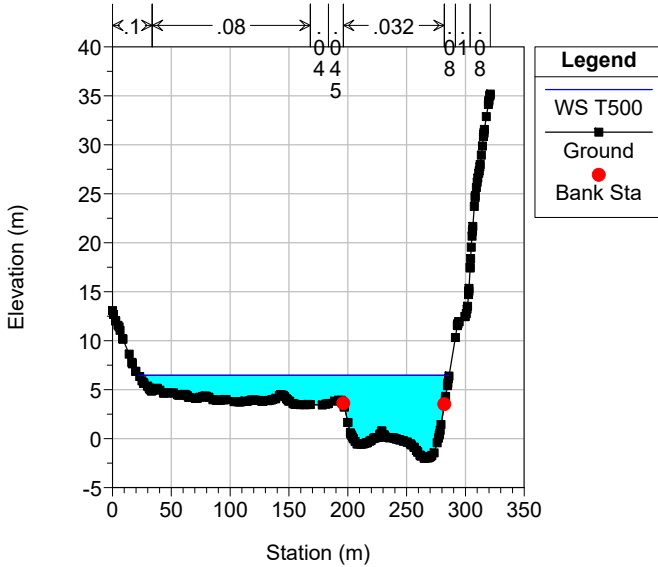
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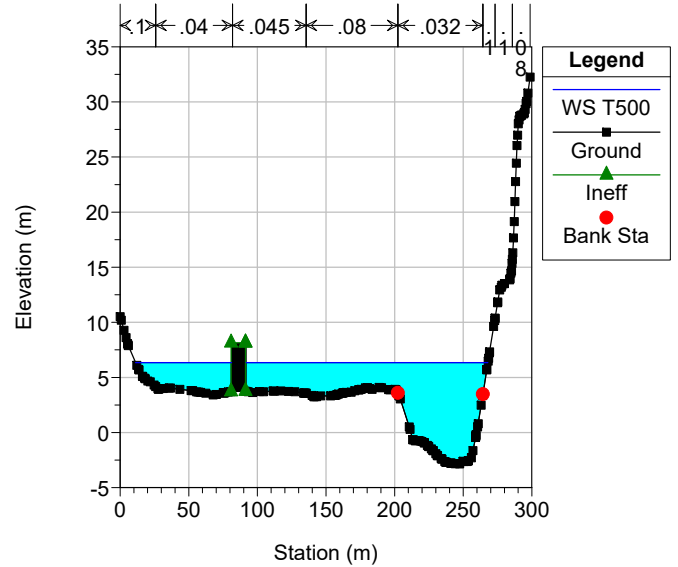
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 River = ORIA Reach = ORIA-2REGATA RS = 7612.982



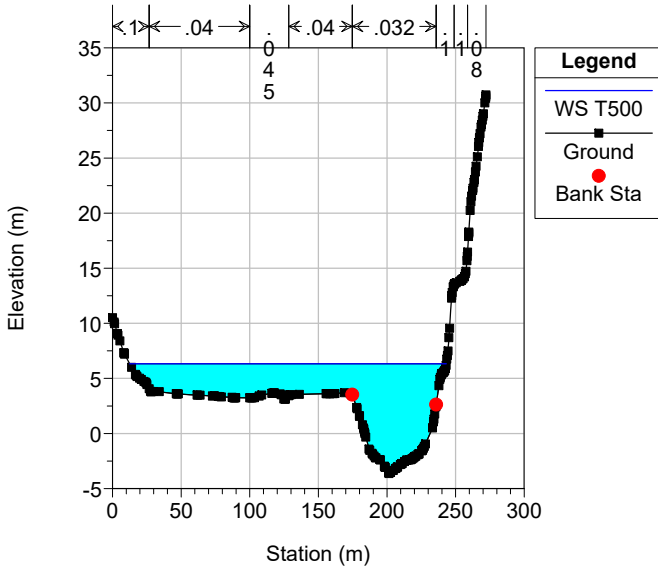
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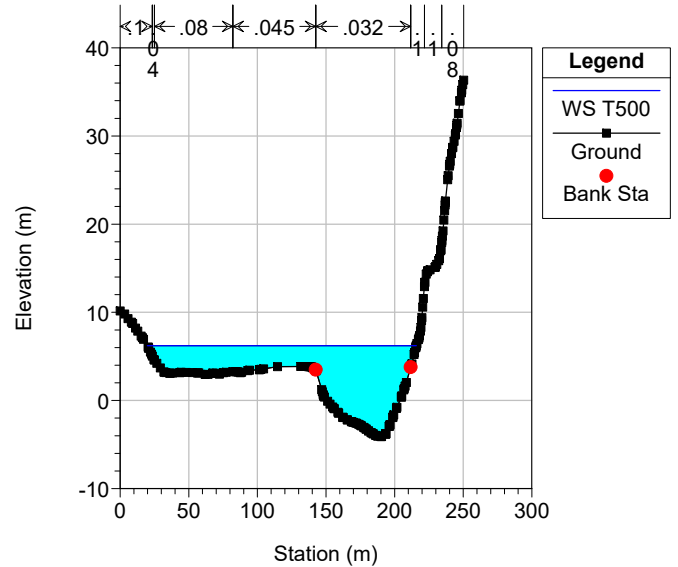
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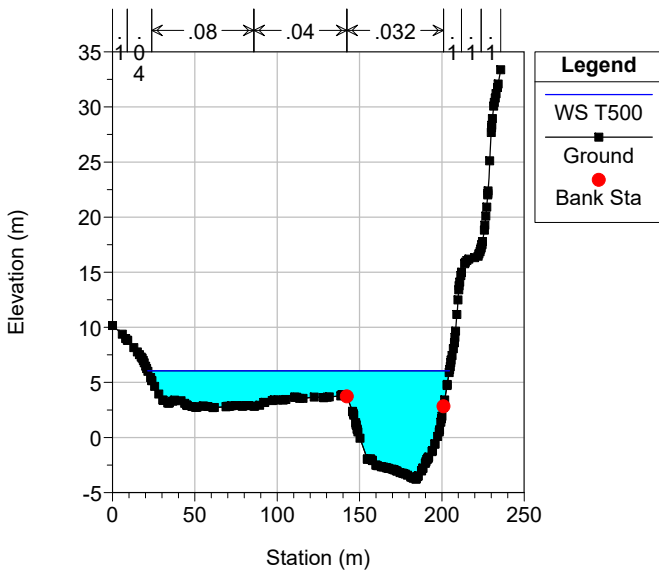
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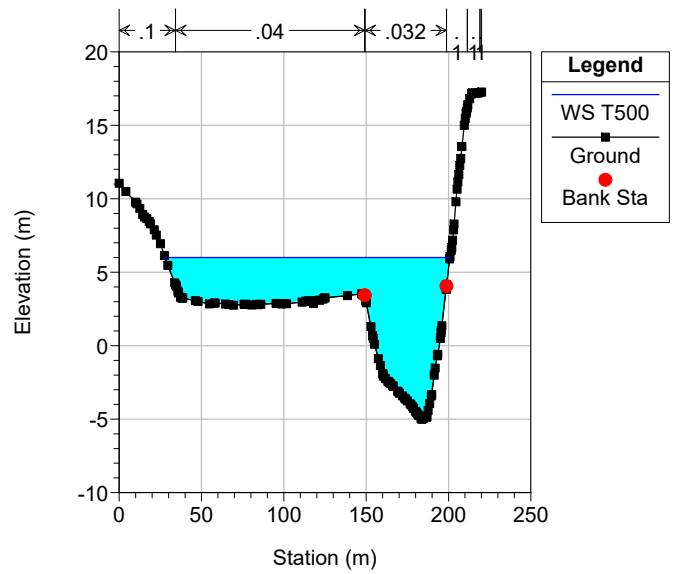
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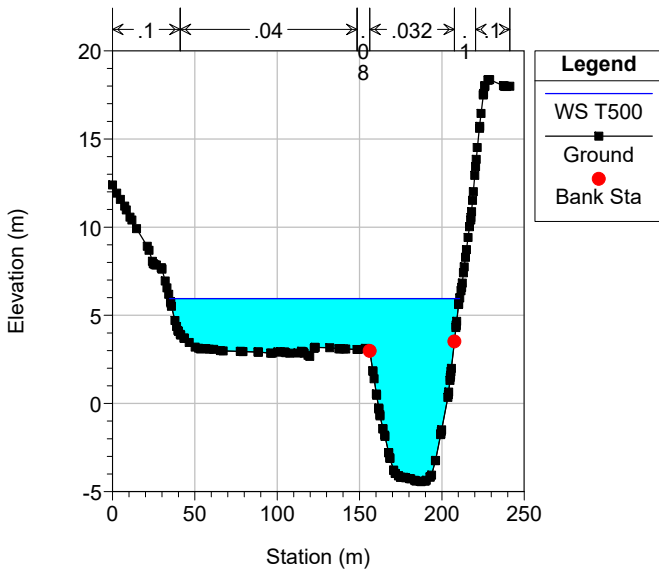
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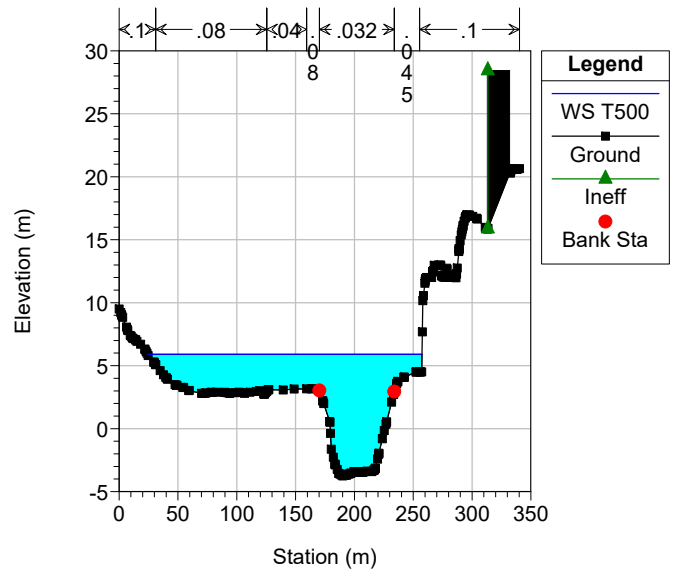
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6948.222



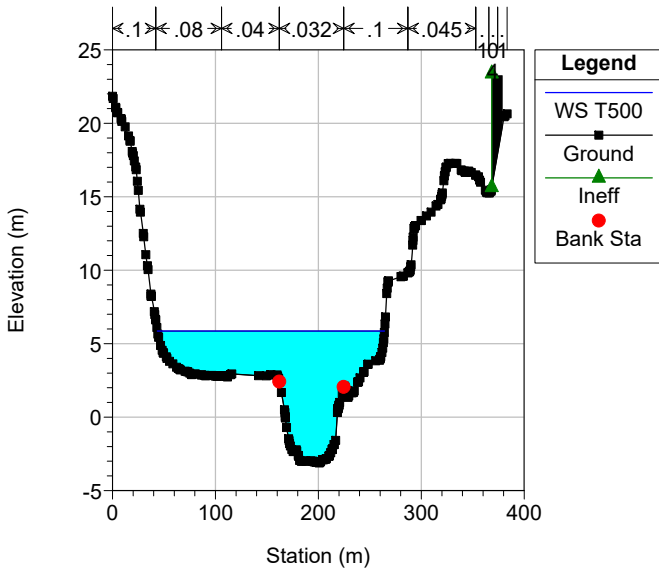
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6860.338



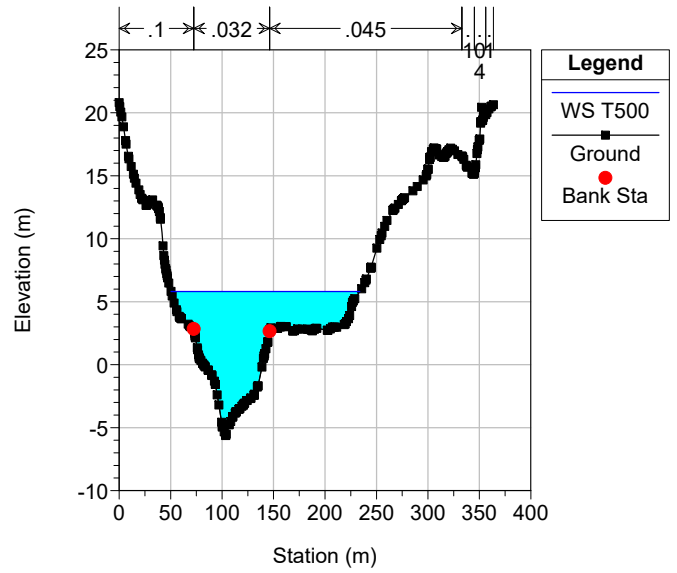
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6746.670



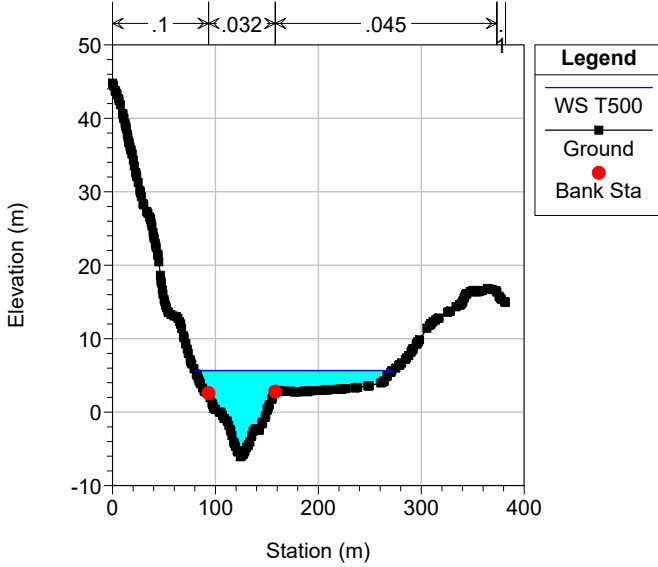
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6662.602



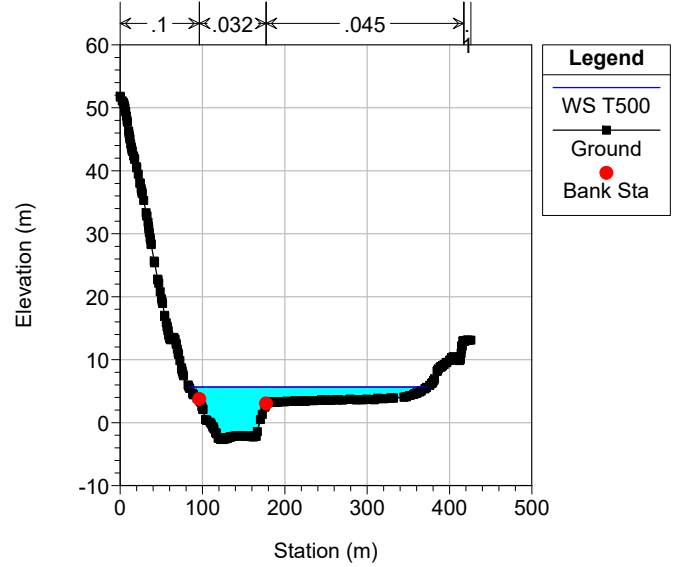
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6535.042



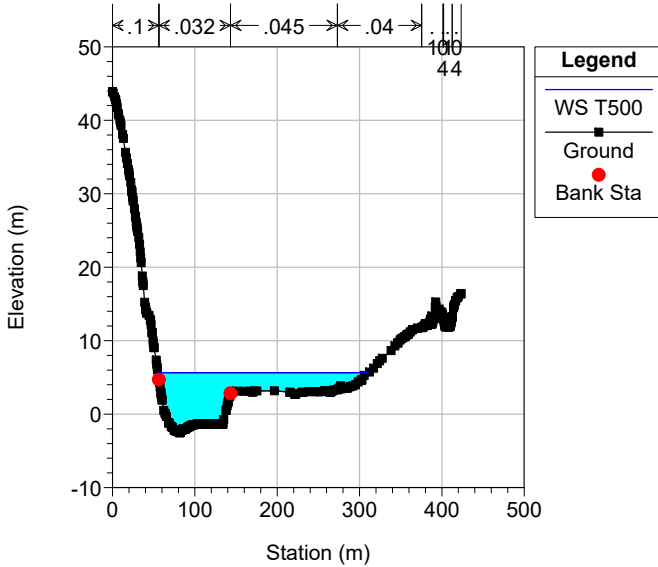
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 6431.793



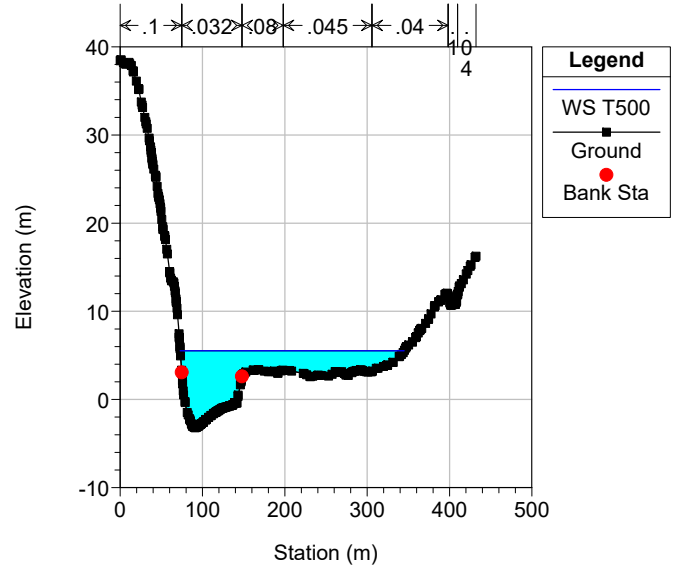
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 6304.601



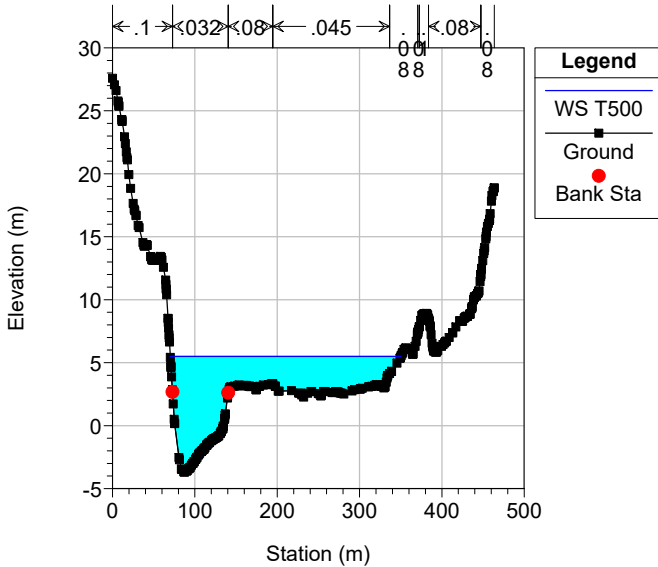
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 6189.018



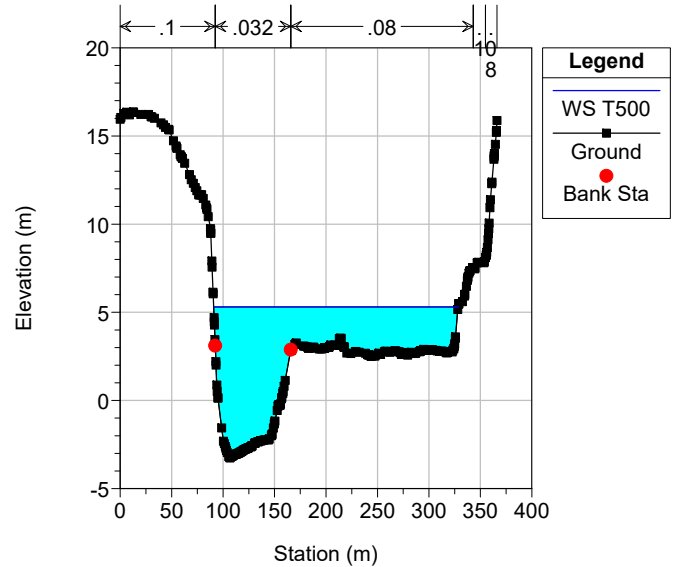
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 6080.500



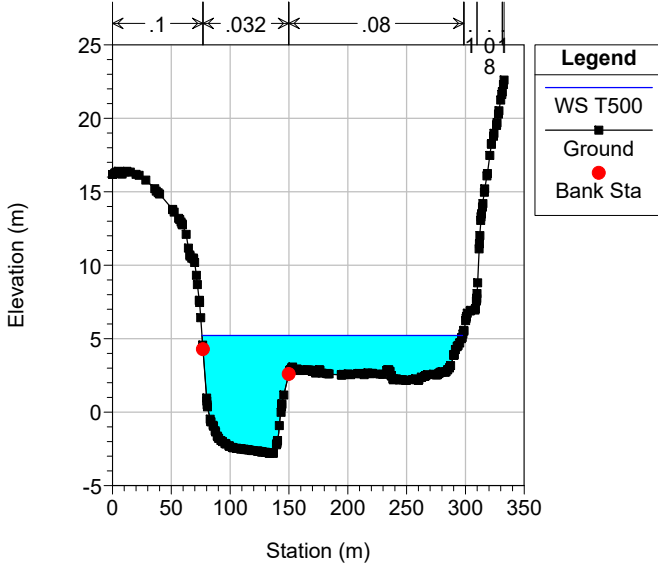
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 6008.231



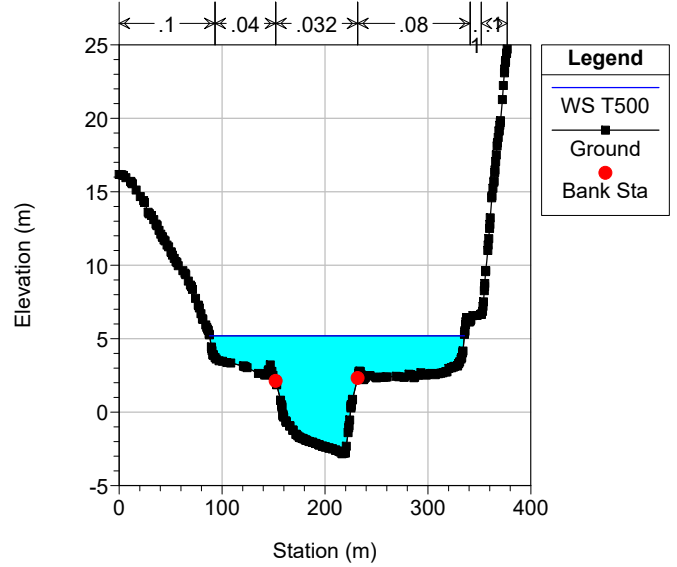
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5871.649



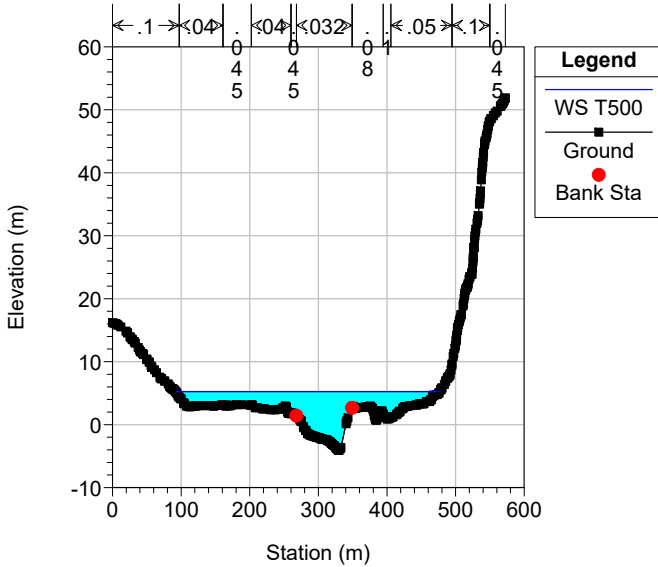
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5790.657



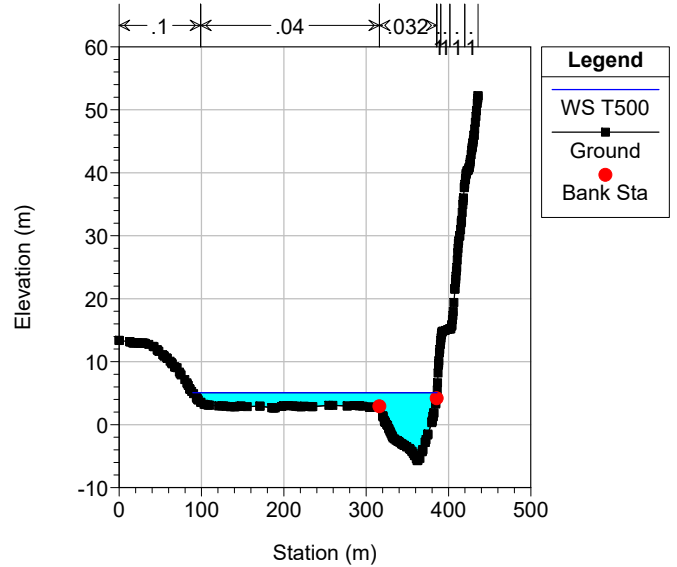
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5682.440



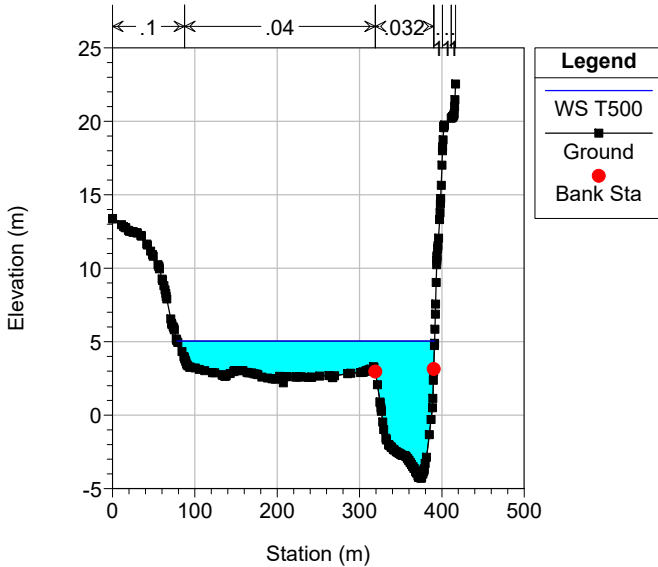
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5556.492



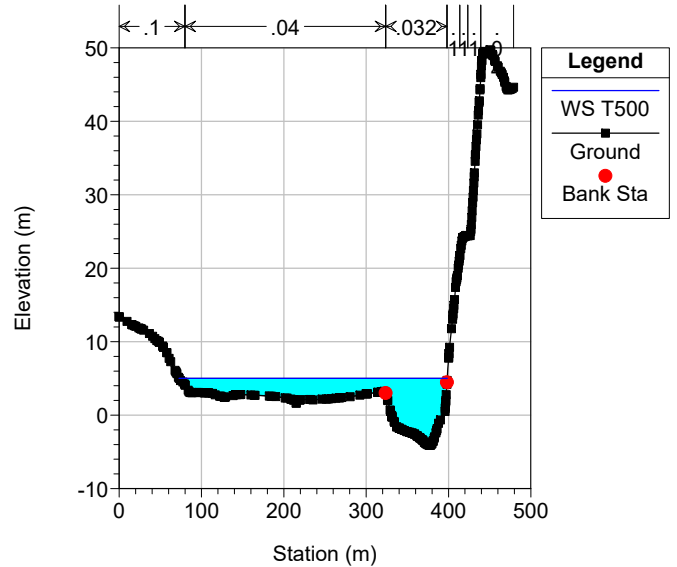
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5401.598



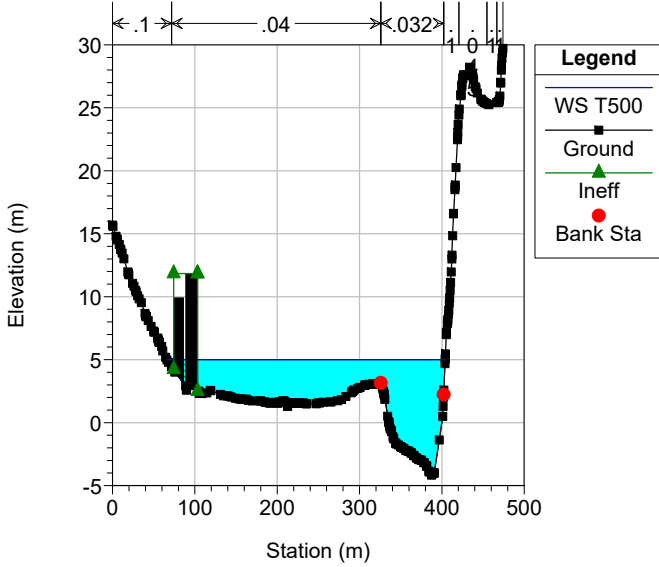
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5280.797



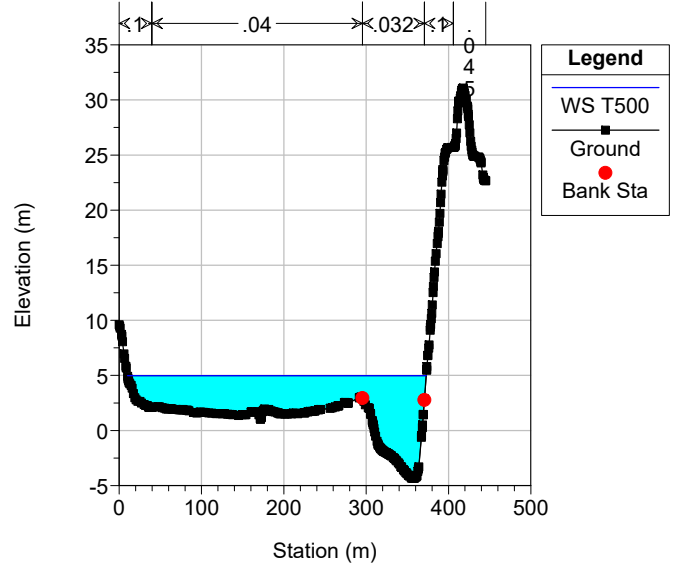
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5179.899



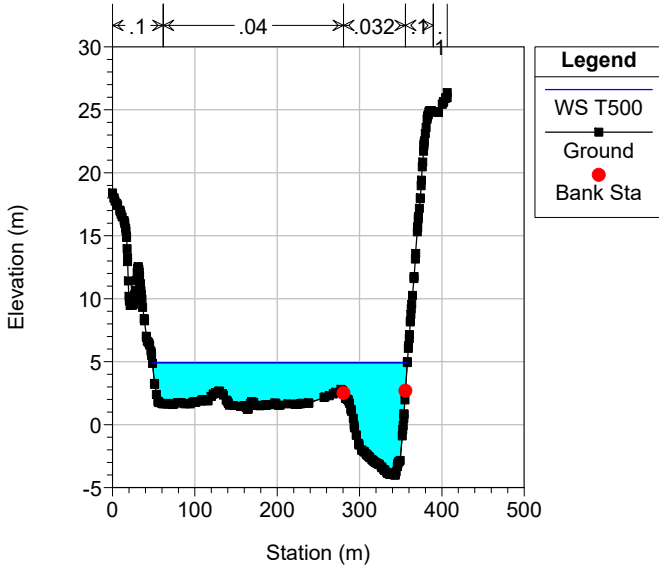
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 5053.822



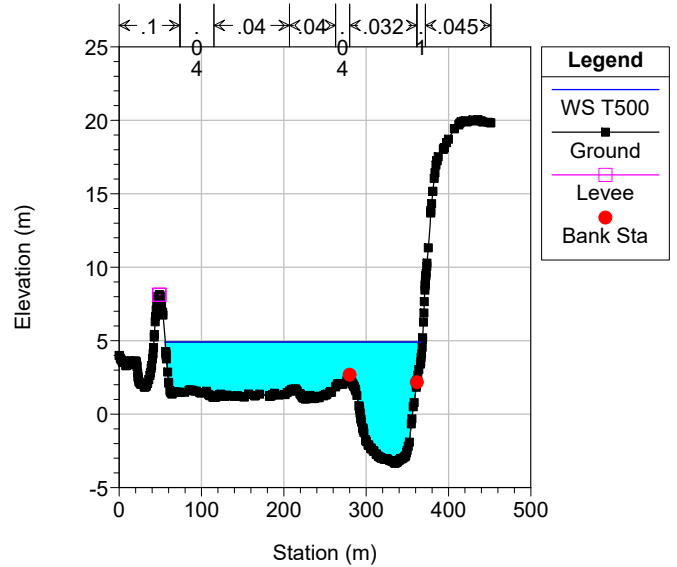
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4895.147



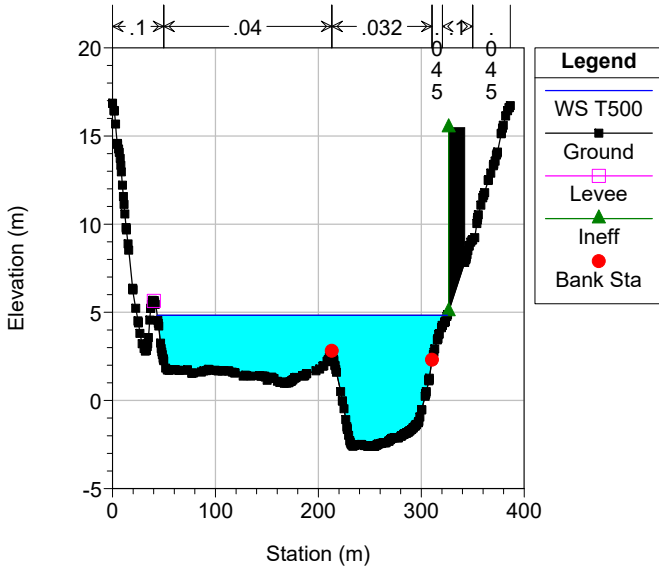
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 River = ORIA Reach = ORIA-2REGATA RS = 4805.383



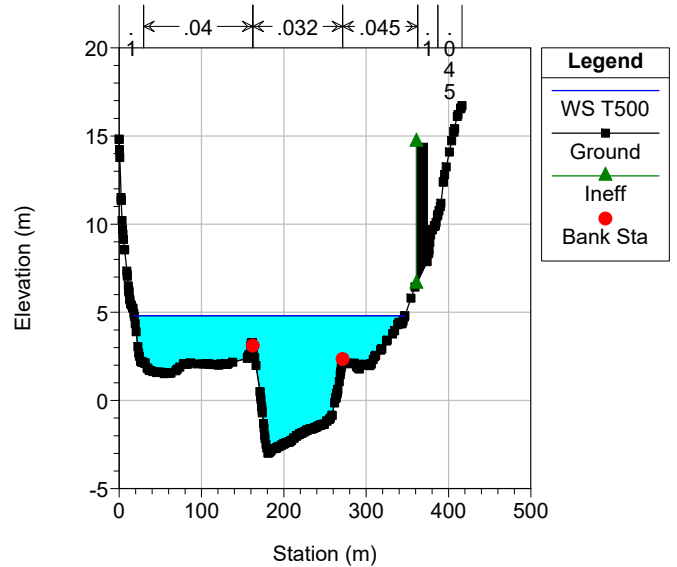
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4733.880



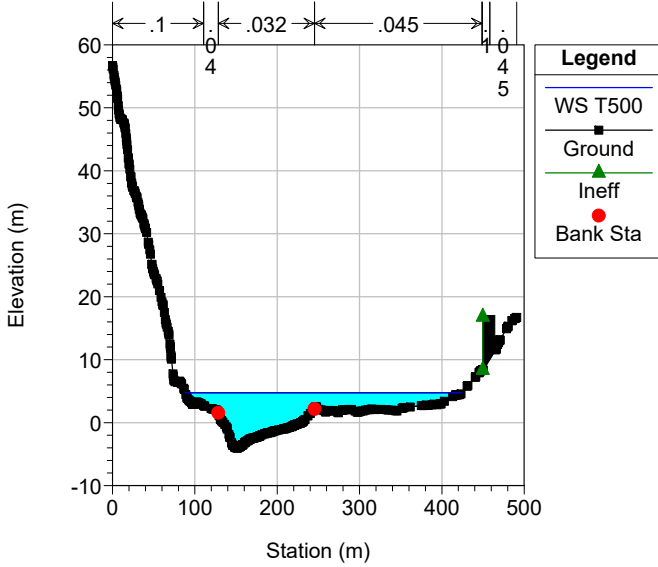
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 River = ORIA Reach = ORIA-2REGATA RS = 4583.286



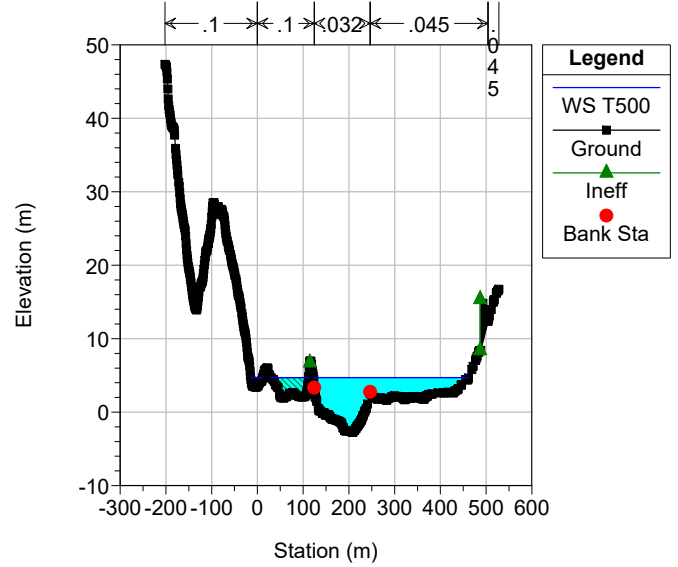
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
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 River = ORIA Reach = ORIA-2REGATA RS = 4507.483



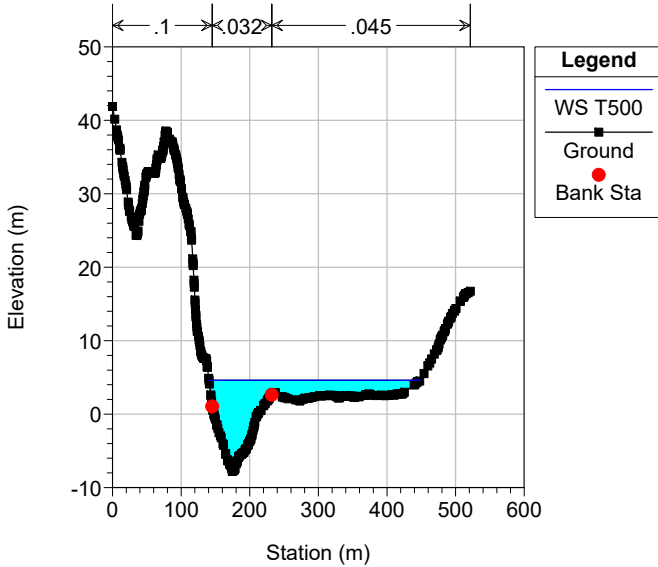
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 4356.233



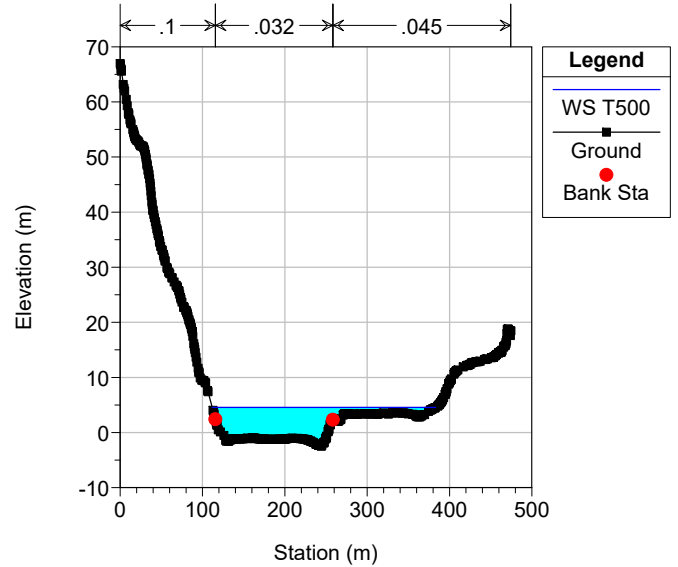
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 4259.779



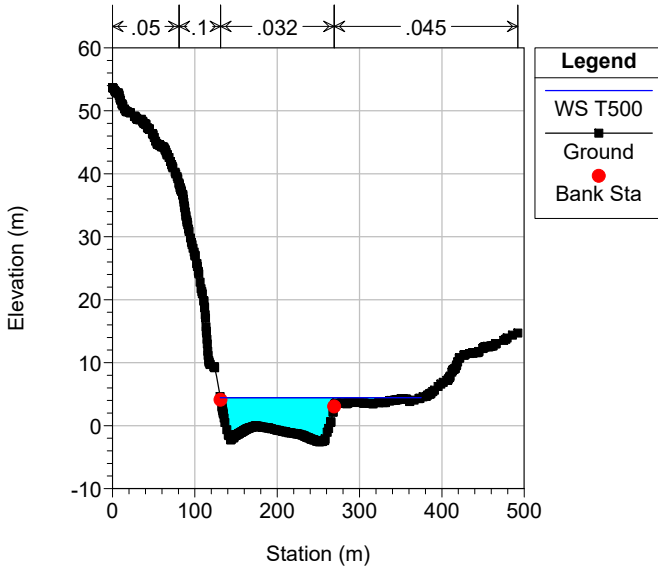
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River = ORIA Reach = ORIA-2REGATA RS = 4158.449



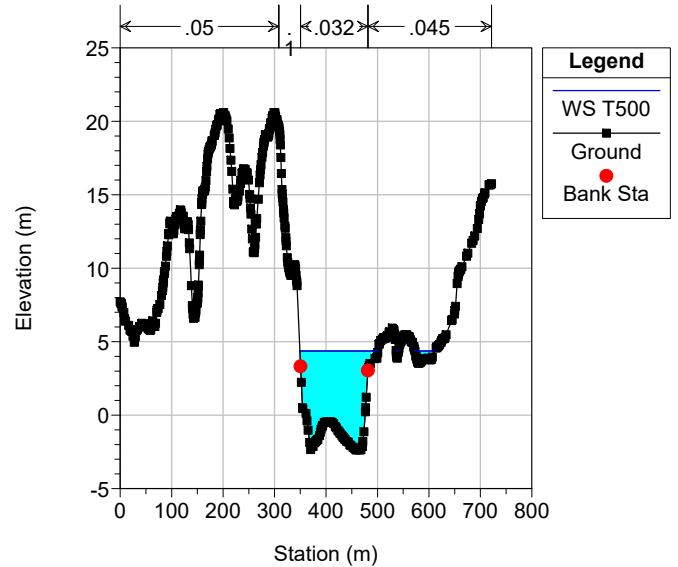
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River = ORIA Reach = ORIA-2REGATA RS = 3974.194



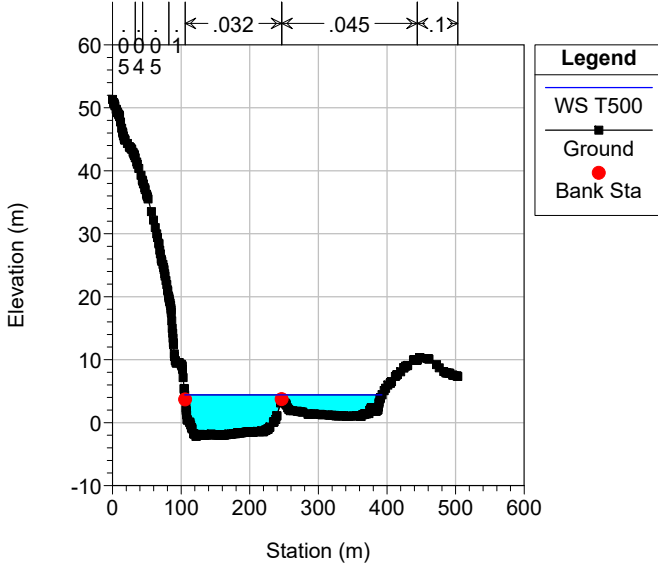
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River = ORIA Reach = ORIA-2REGATA RS = 3886.724



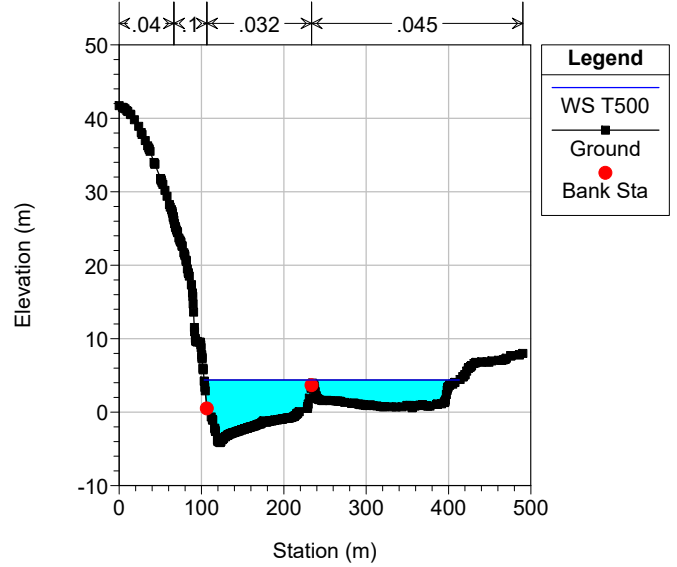
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Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 3808.914



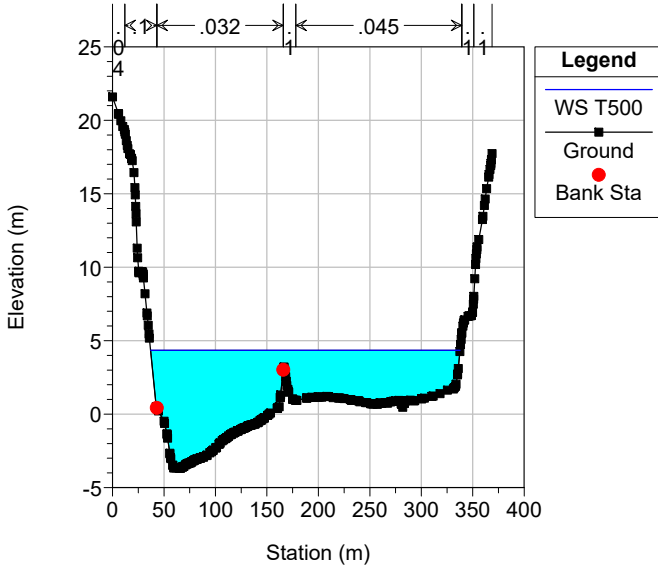
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 River = ORIA Reach = ORIA-2REGATA RS = 3658.406



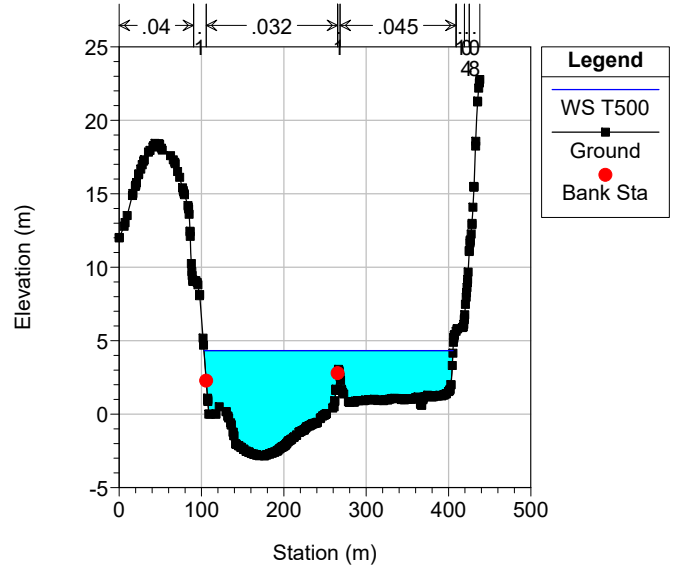
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 River = ORIA Reach = ORIA-2REGATA RS = 3566.720



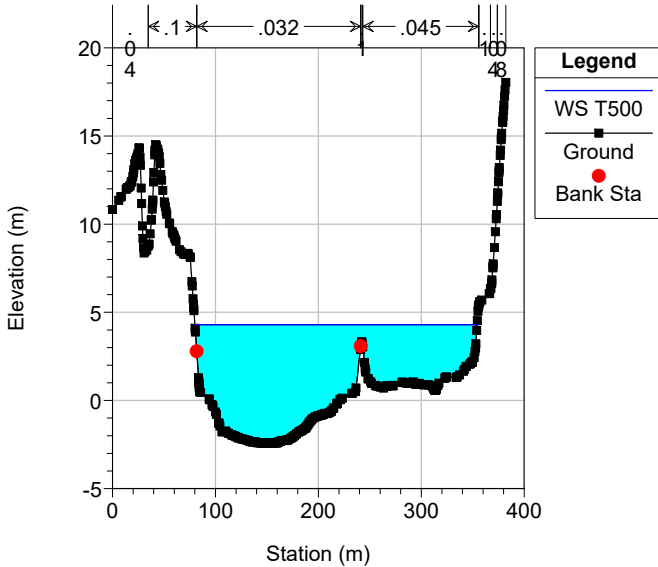
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3442.677



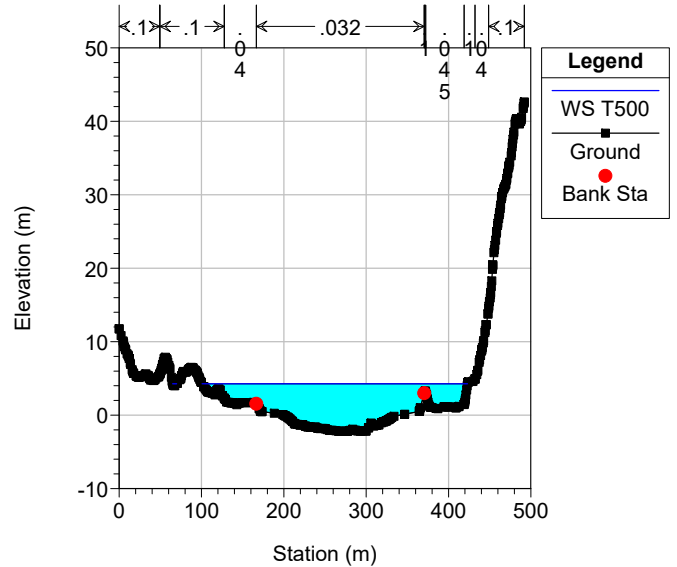
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 River = ORIA Reach = ORIA-2REGATA RS = 3337.678



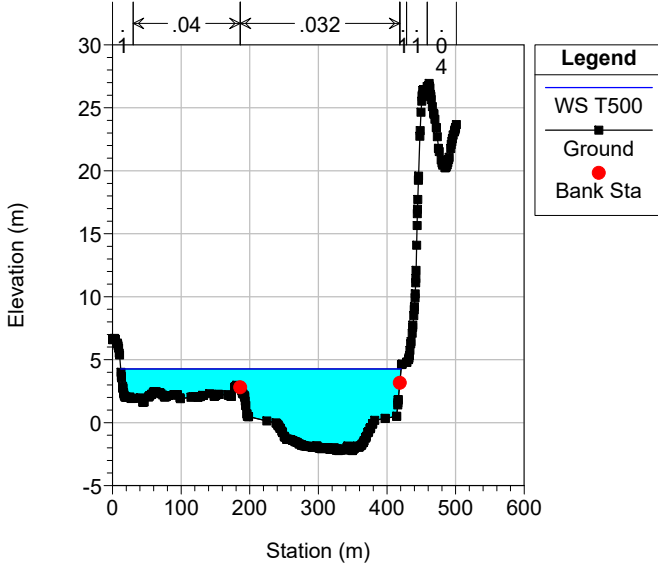
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3270.399



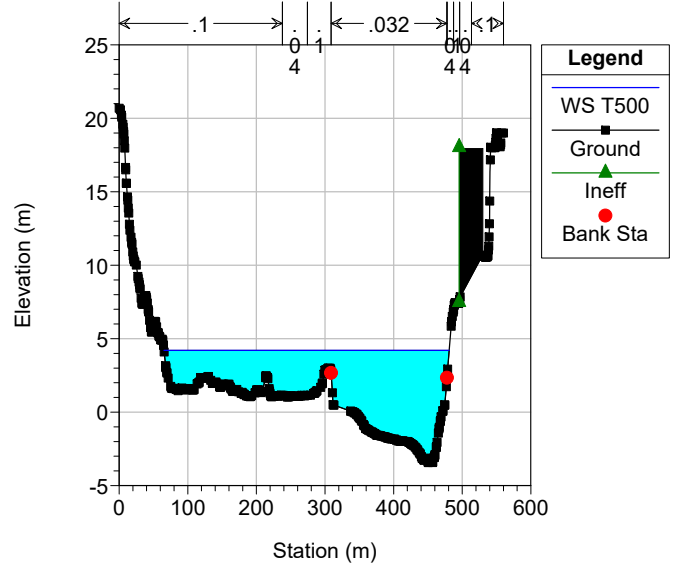
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 River = ORIA Reach = ORIA-2REGATA RS = 3154.791



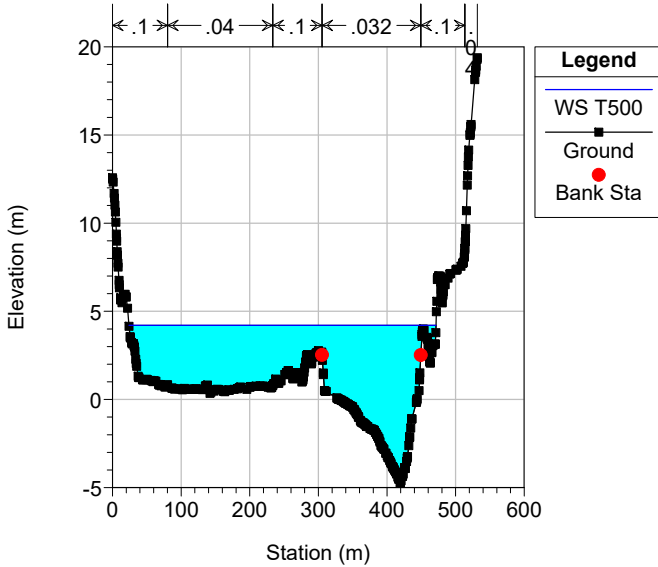
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 River = ORIA Reach = ORIA-2REGATA RS = 3051.658



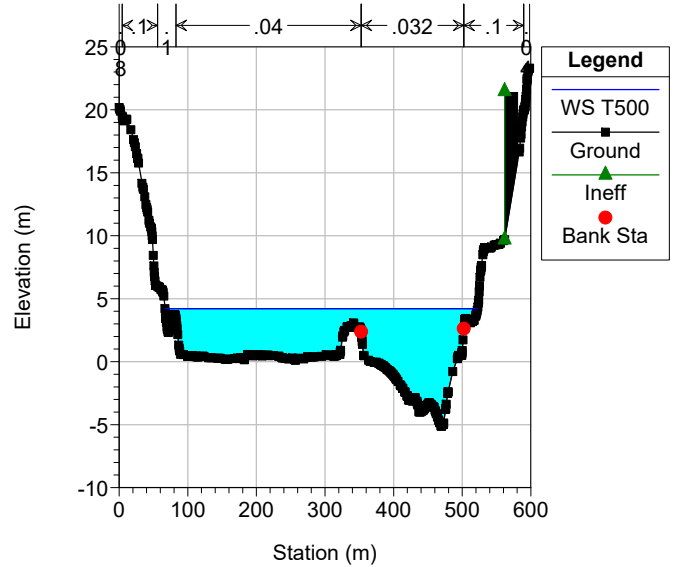
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 River = ORIA Reach = ORIA-2REGATA RS = 2911.274



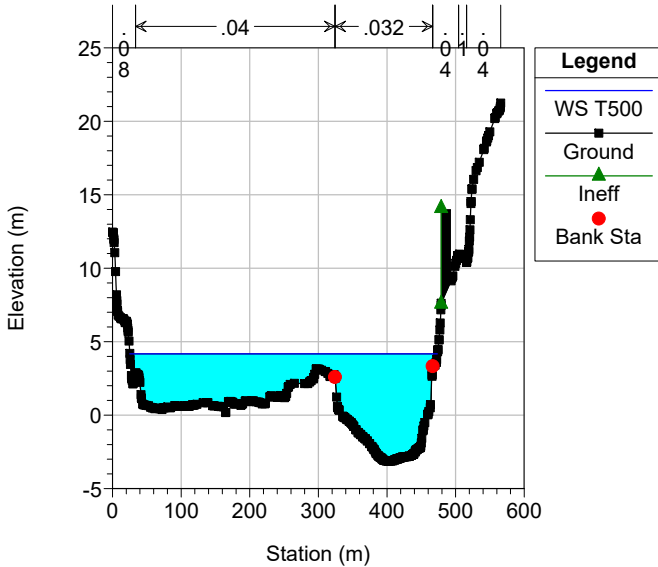
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 River = ORIA Reach = ORIA-2REGATA RS = 2822.969



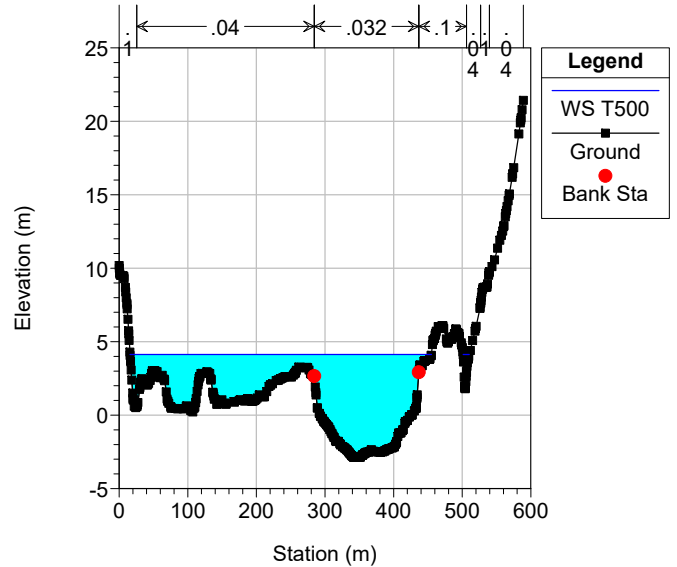
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 River = ORIA Reach = ORIA-2REGATA RS = 2720.568



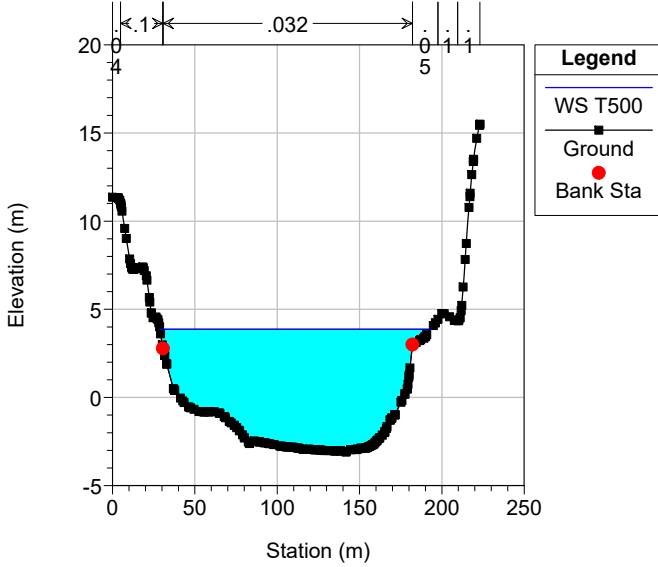
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 River = ORIA Reach = ORIA-2REGATA RS = 2634.605



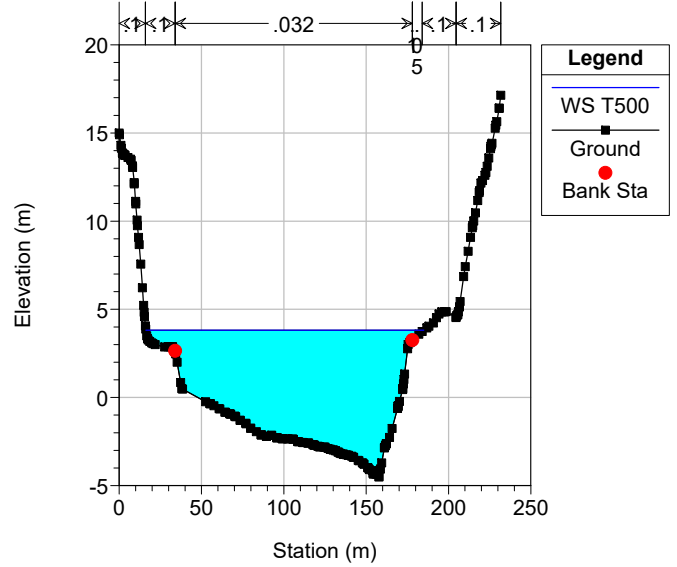
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 River = ORIA Reach = ORIA-2REGATA RS = 2544.922



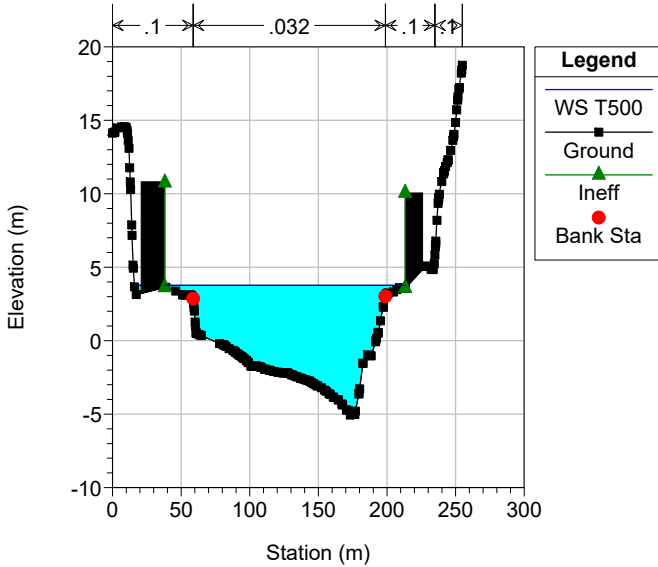
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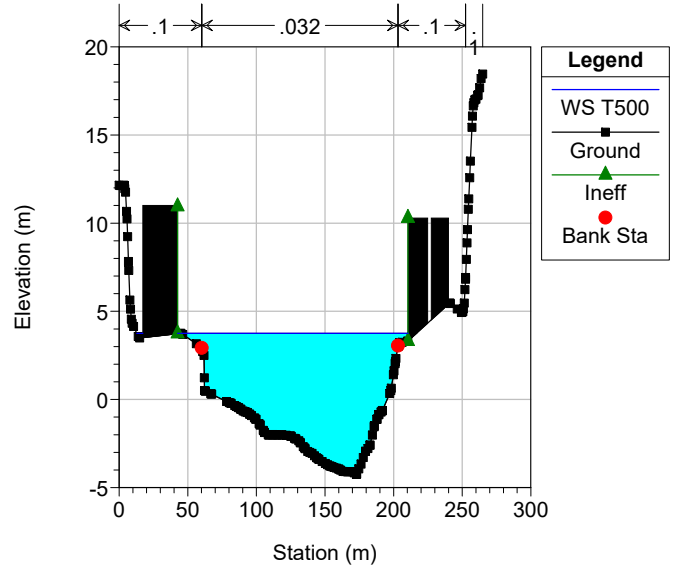
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 River = ORIA Reach = ORIA-2REGATA RS = 1983.467



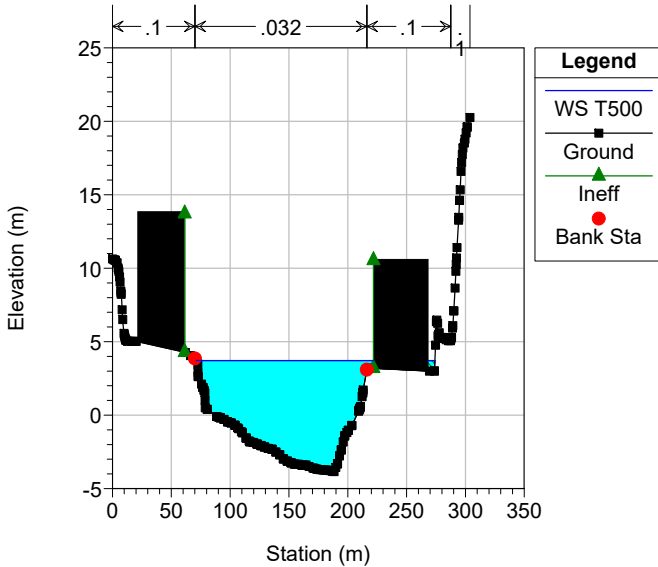
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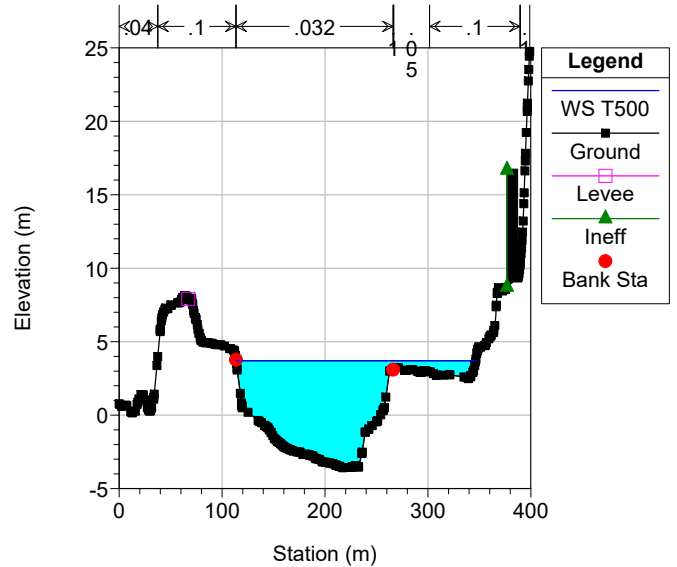
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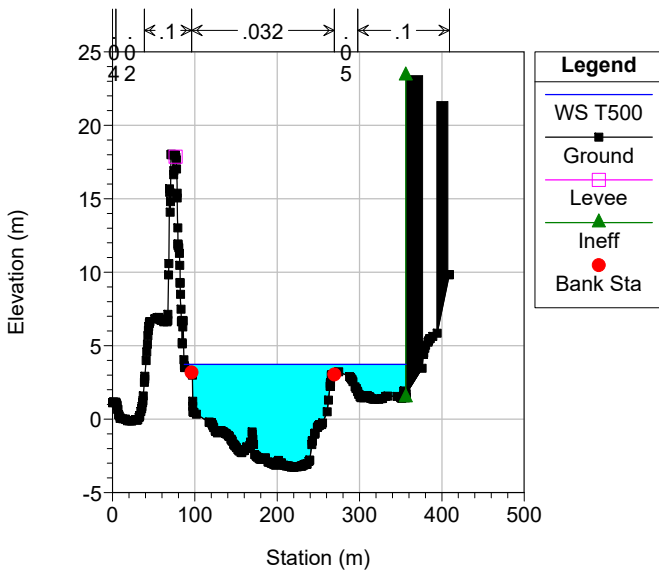
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 River = ORIA Reach = ORIA-2REGATA RS = 1831.032



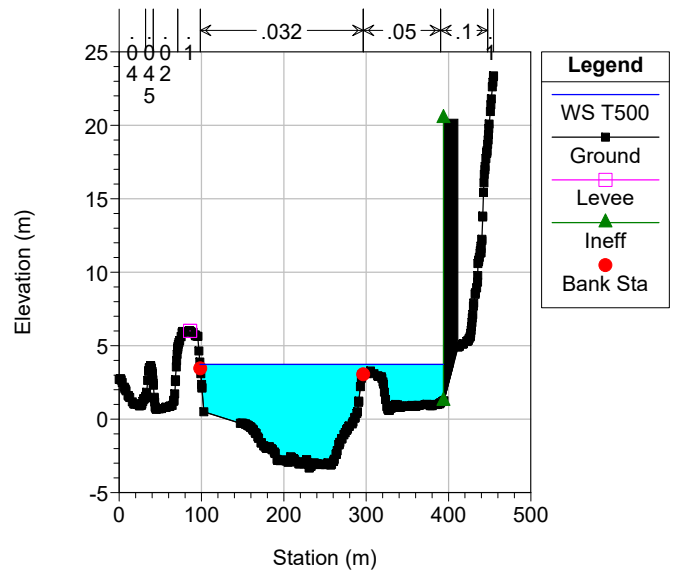
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 River = ORIA Reach = ORIA-2REGATA RS = 1779.842



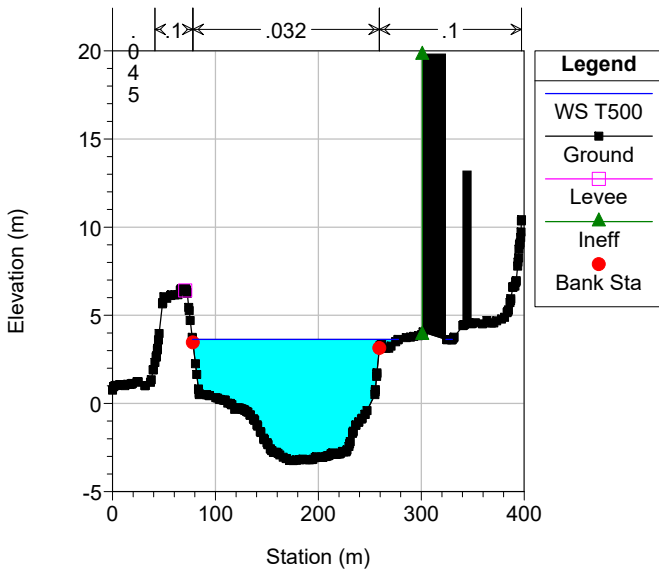
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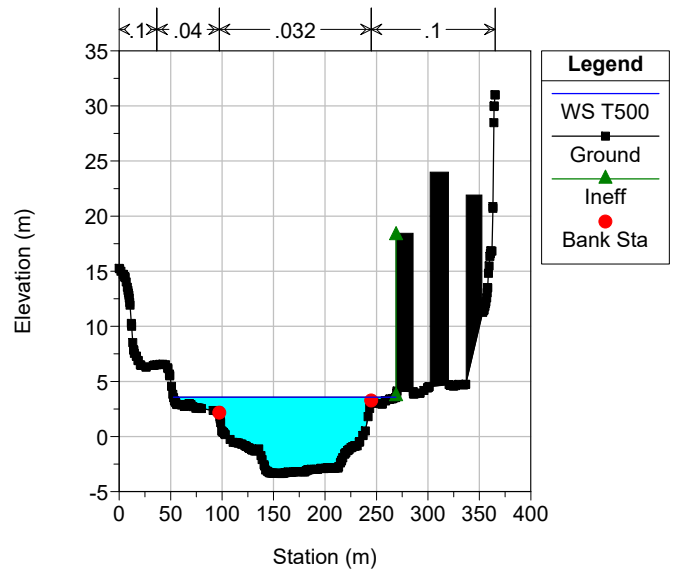
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 River = ORIA Reach = ORIA-2REGATA RS = 1661.702



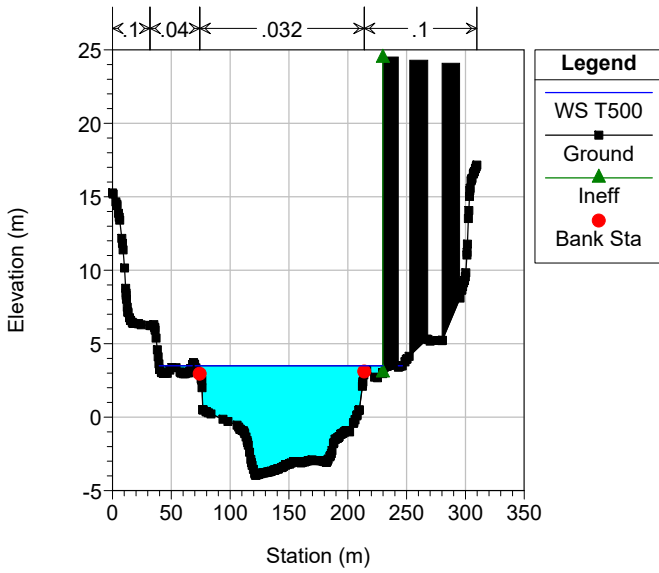
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 River = ORIA Reach = ORIA-2REGATA RS = 1578.735



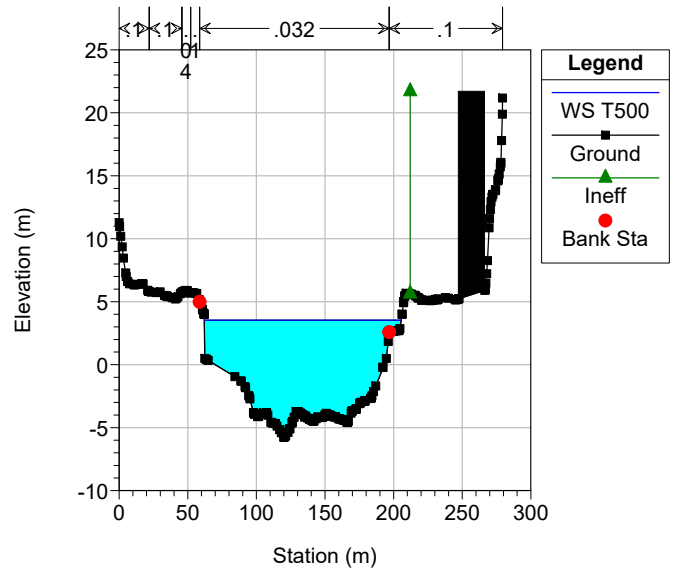
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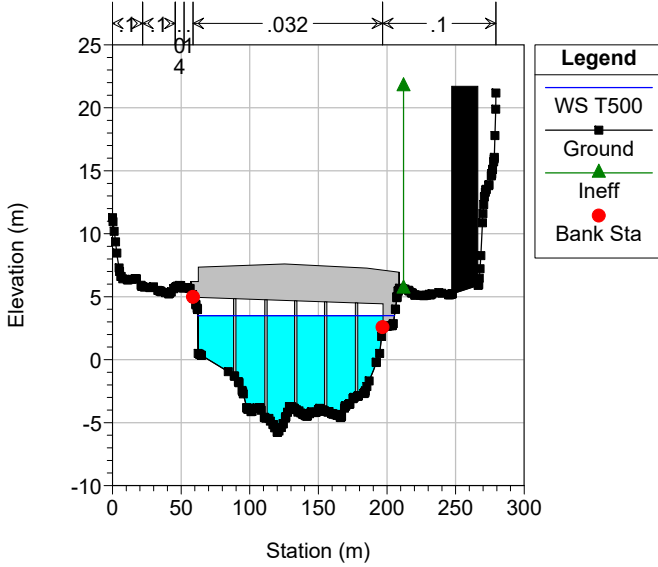
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 River = ORIA Reach = ORIA-2REGATA RS = 1514.229



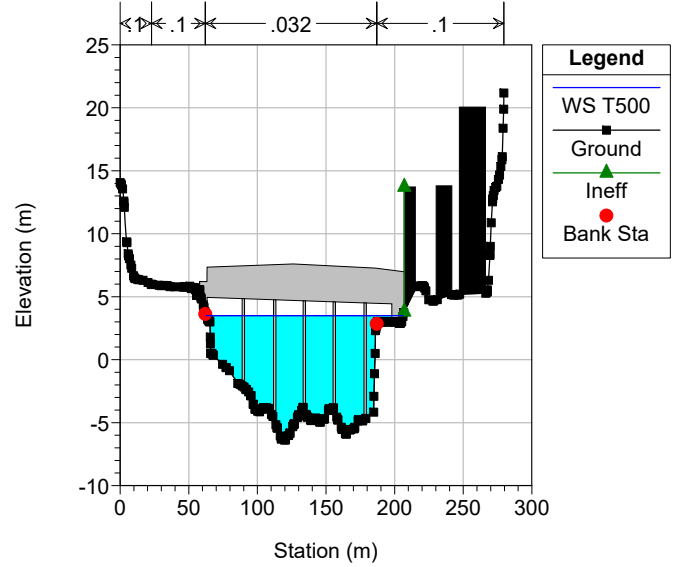
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 River = ORIA Reach = ORIA-2REGATA RS = 1477.101



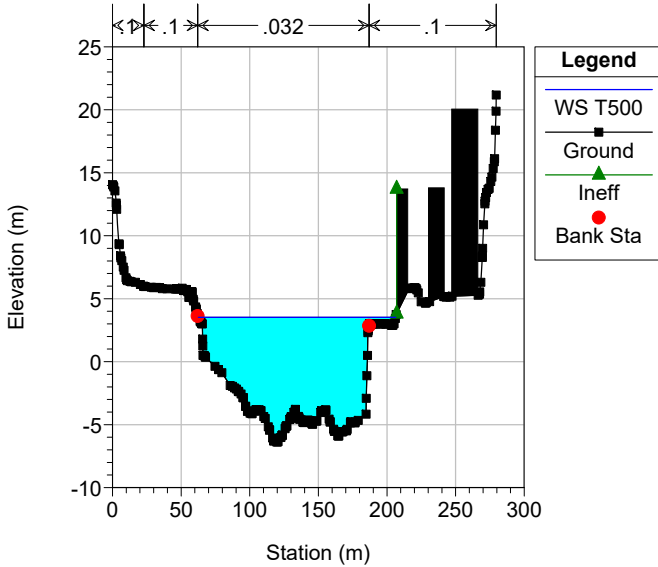
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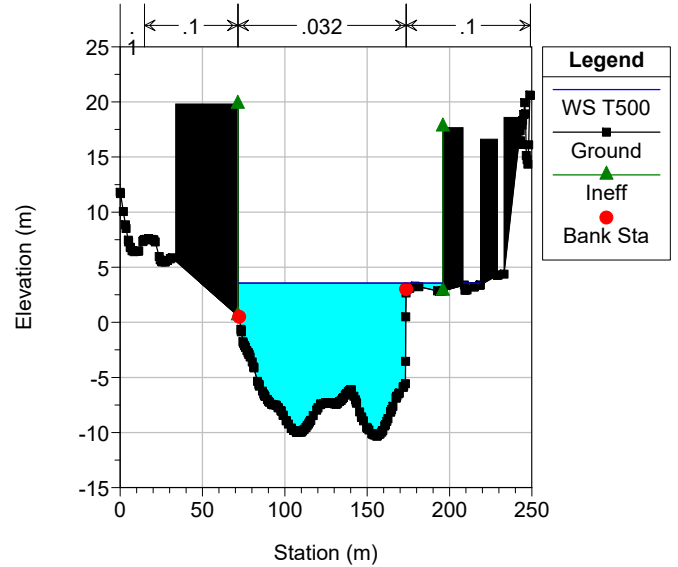
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 River = ORIA Reach = ORIA-2REGATA RS = 1471.015 BR



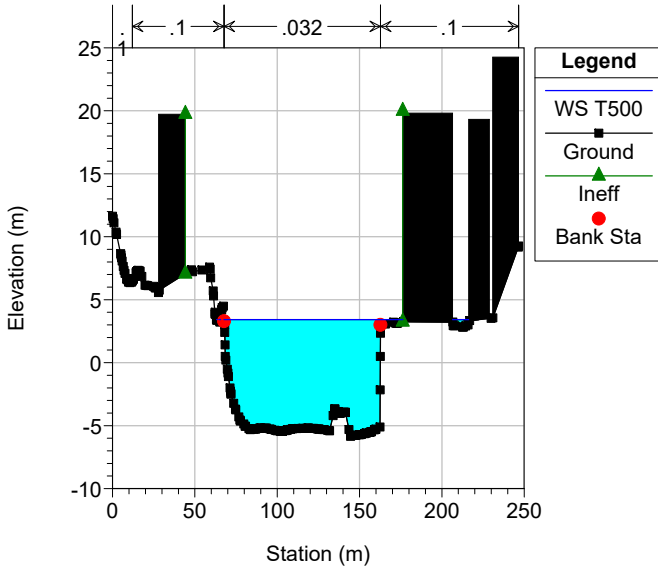
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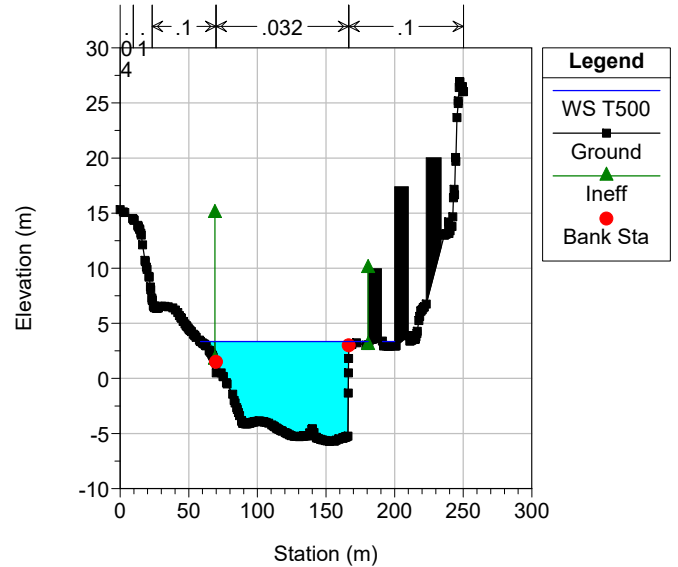
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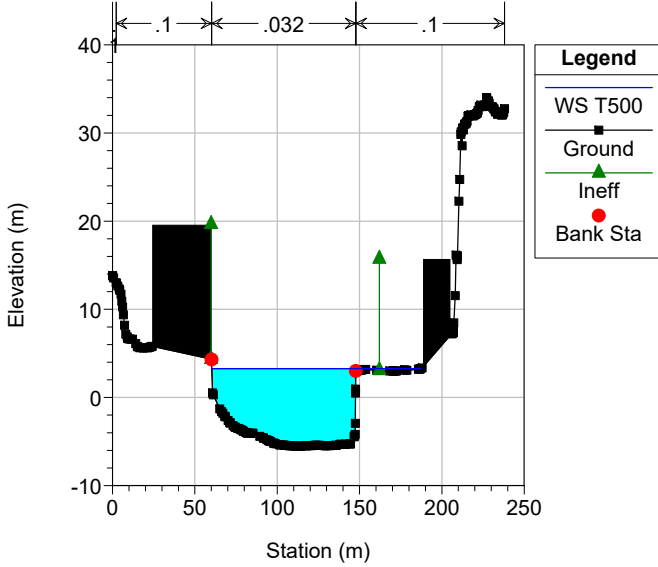
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1387.195



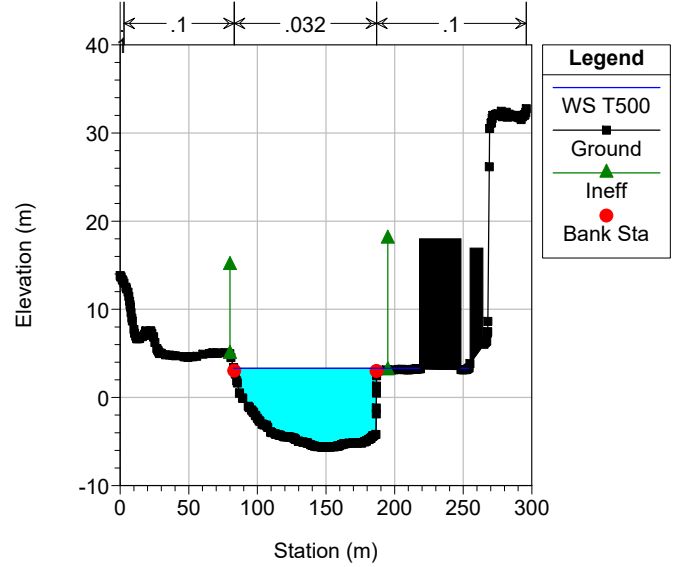
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1348.897



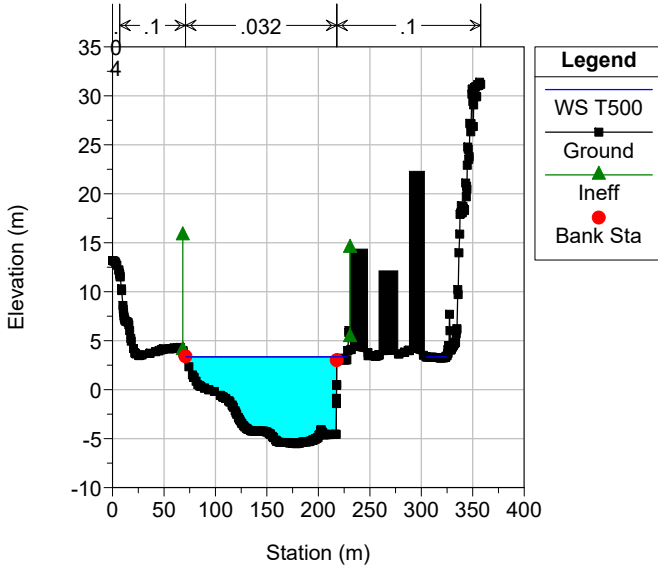
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1286.482



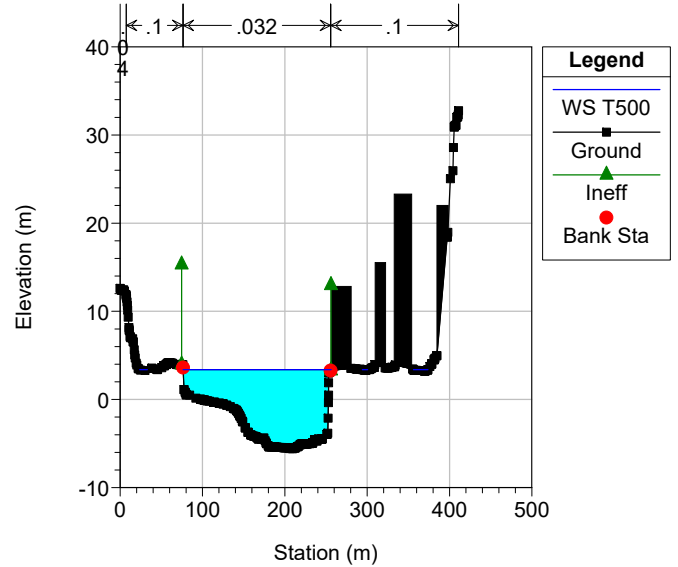
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1241.408



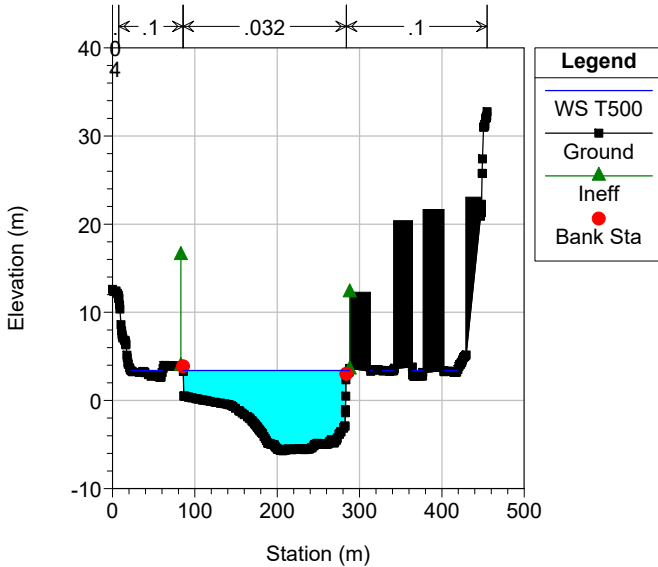
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1194.451



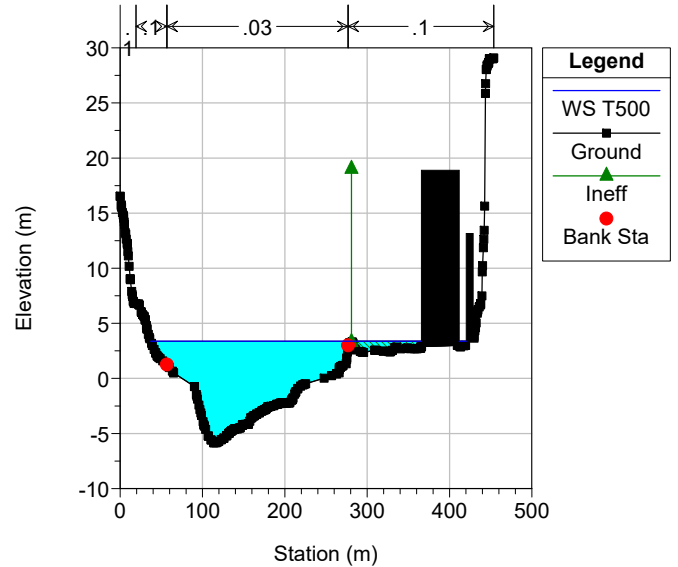
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1156.984



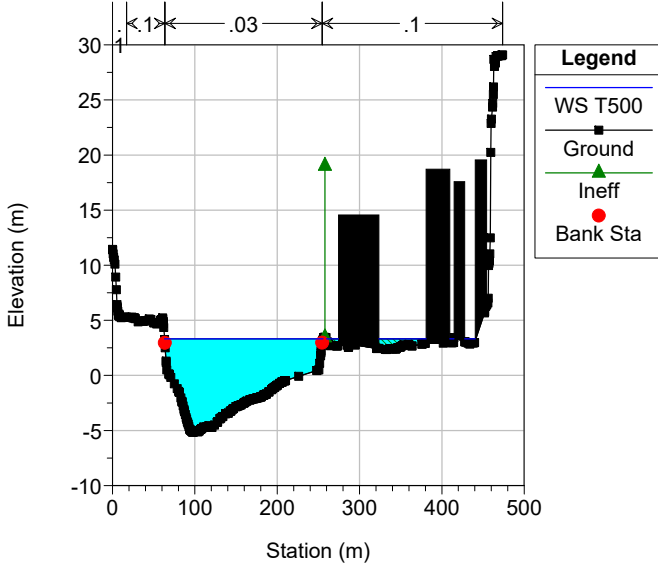
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1133.869



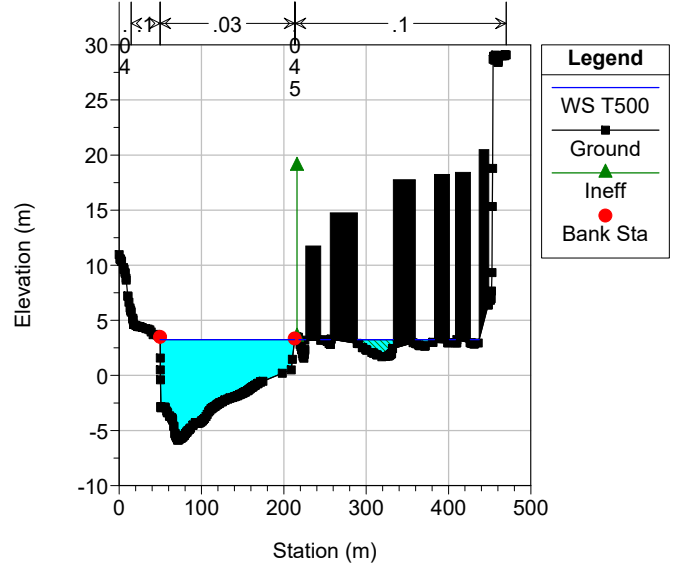
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
Geom: T500+ REGATA Flow: T500+REGATA
River = ORIA Reach = ORIA-1 RS = 1037.507



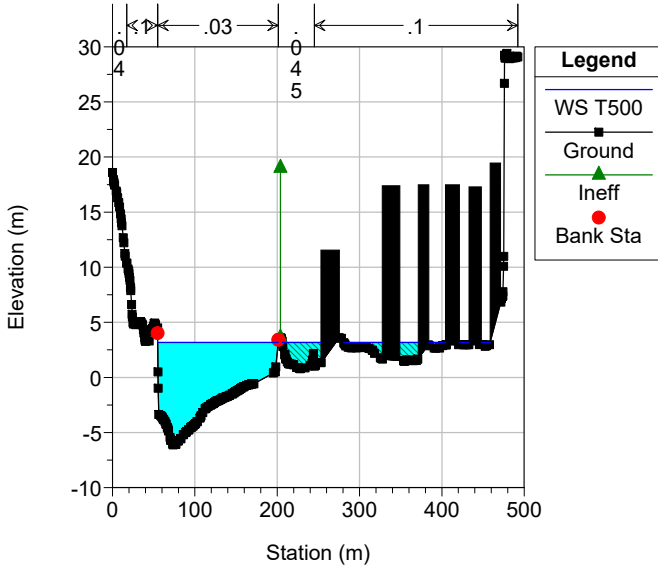
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 986.9419



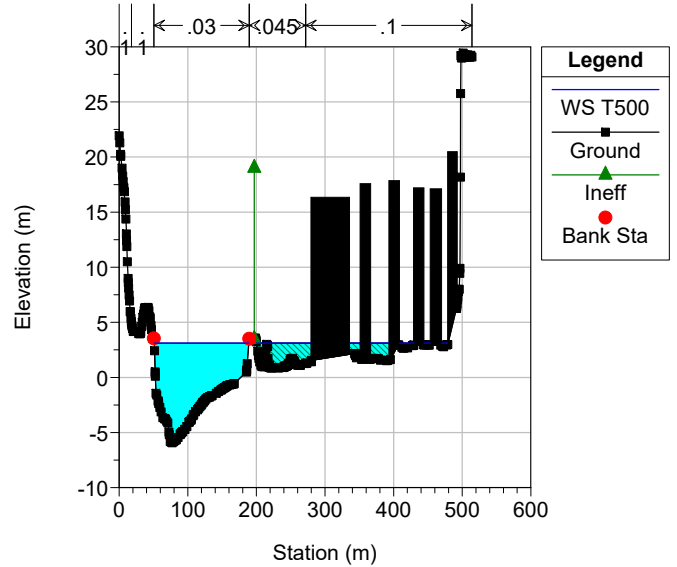
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 935.5785



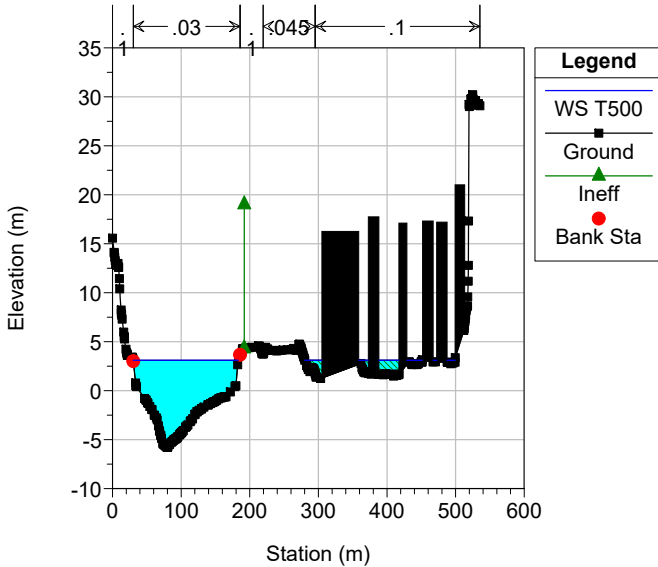
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 886.6628



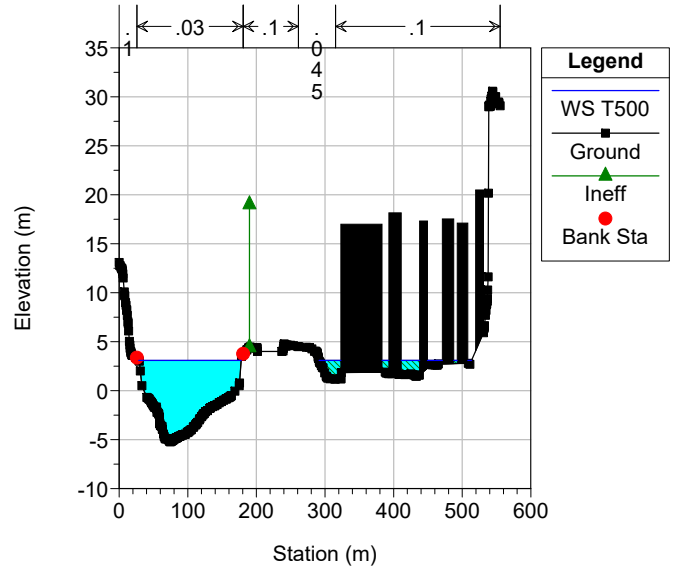
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 831.8651



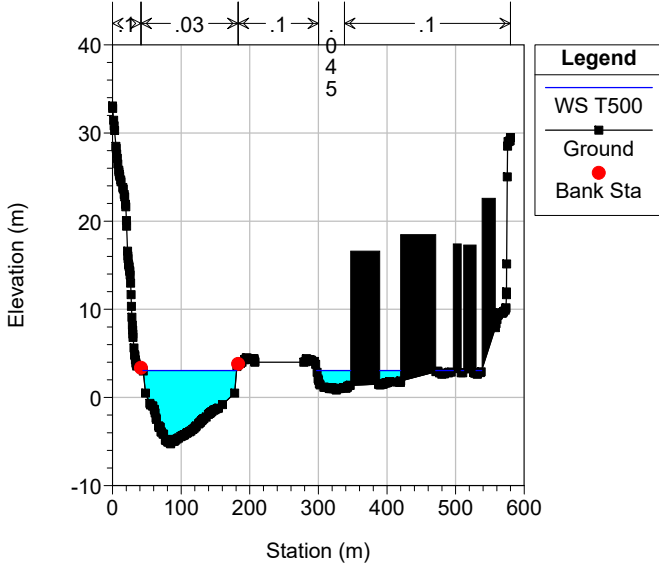
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 790.4279



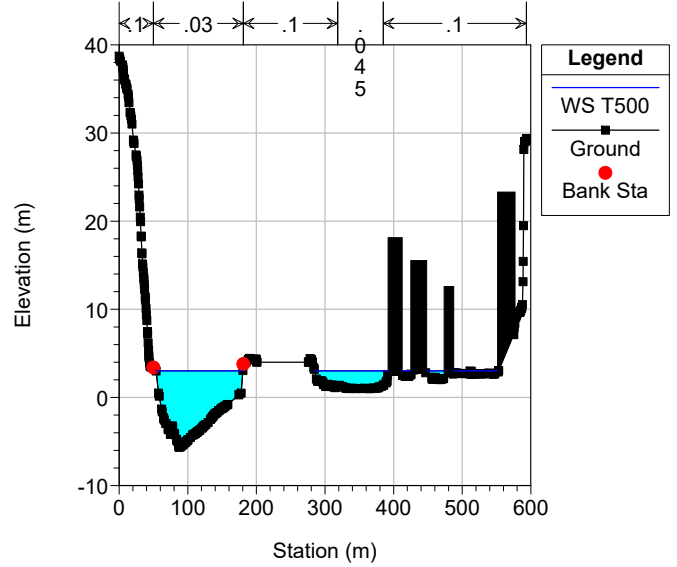
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 742.9493



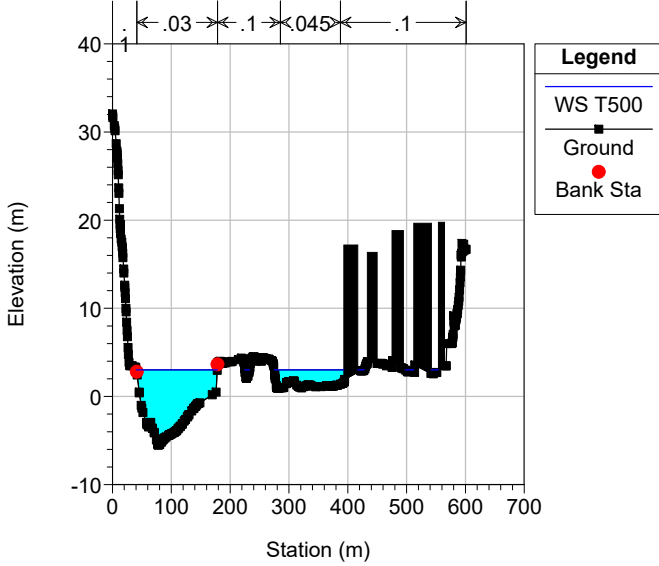
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 704.7355



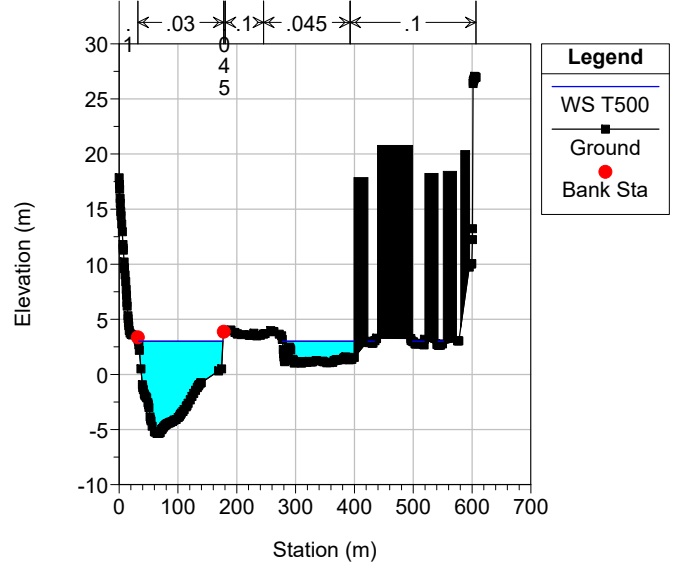
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 654.5527



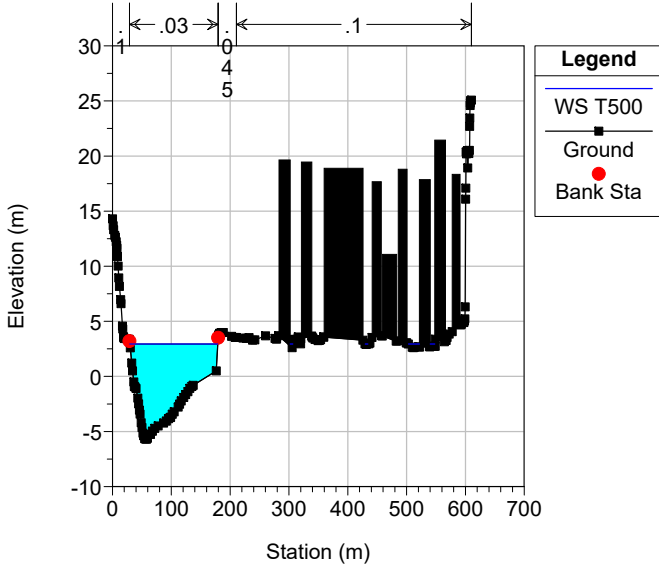
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 605.1155



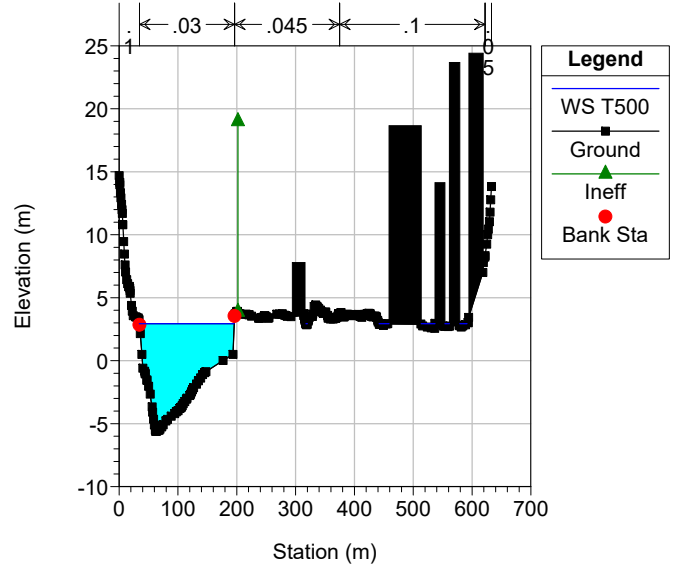
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 556.4642



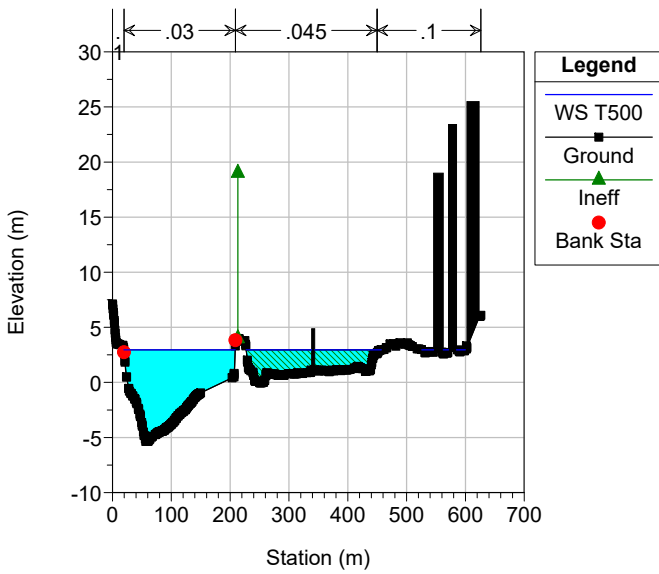
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 513.2202



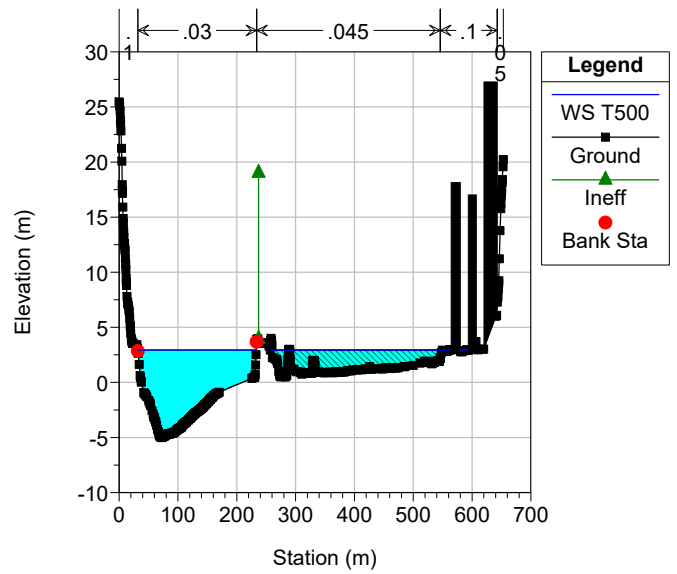
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 481.5066



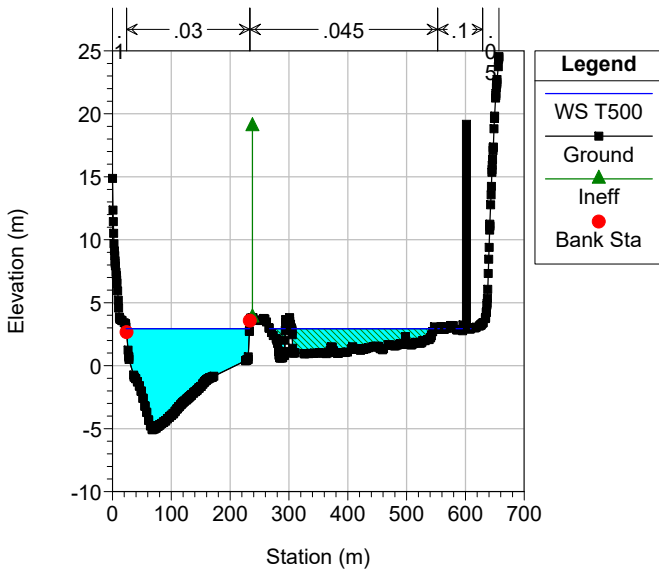
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 416.8413



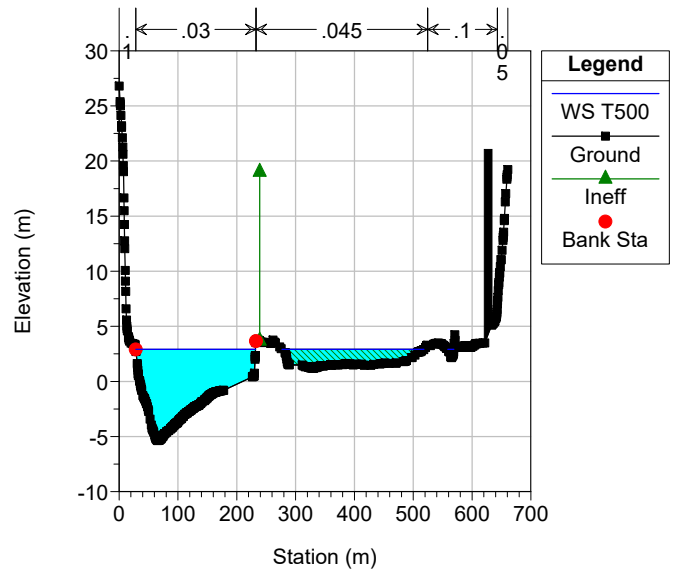
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 366.8122



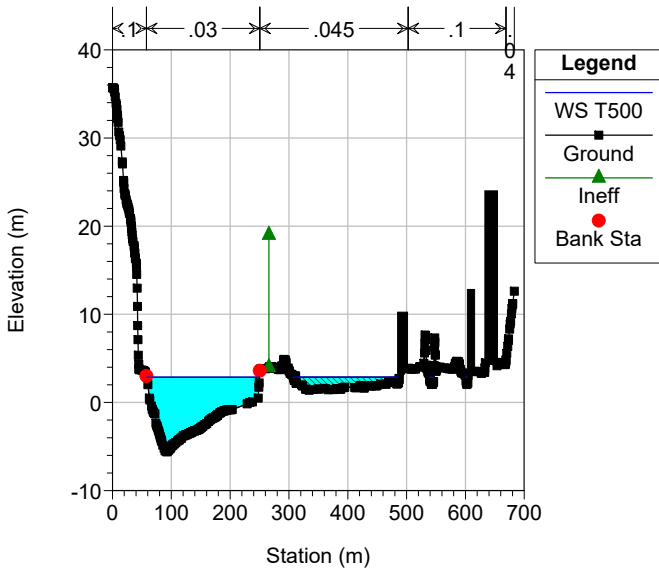
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 316.8093



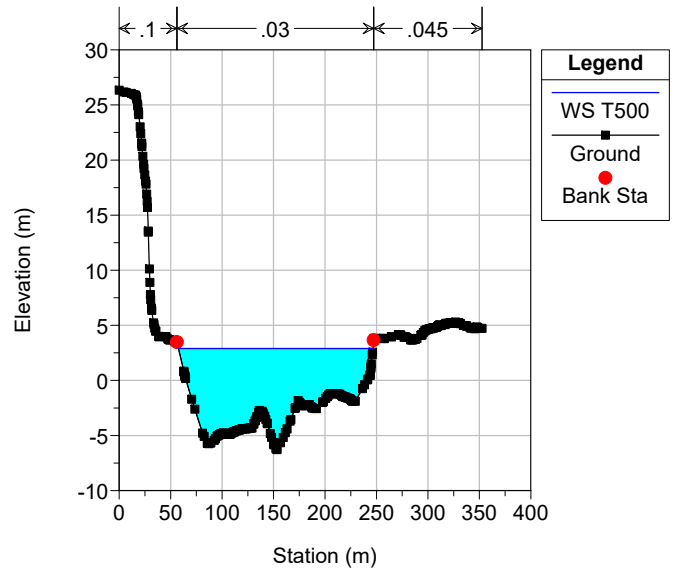
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 266.78



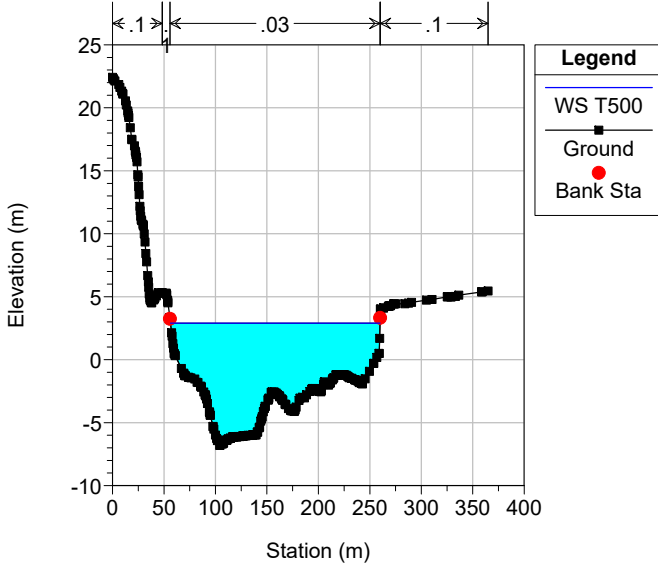
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 216.6627



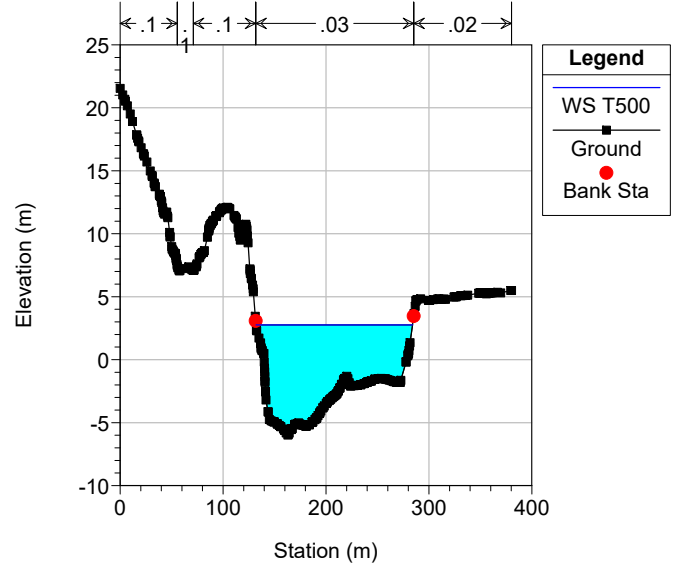
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 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 184.1351



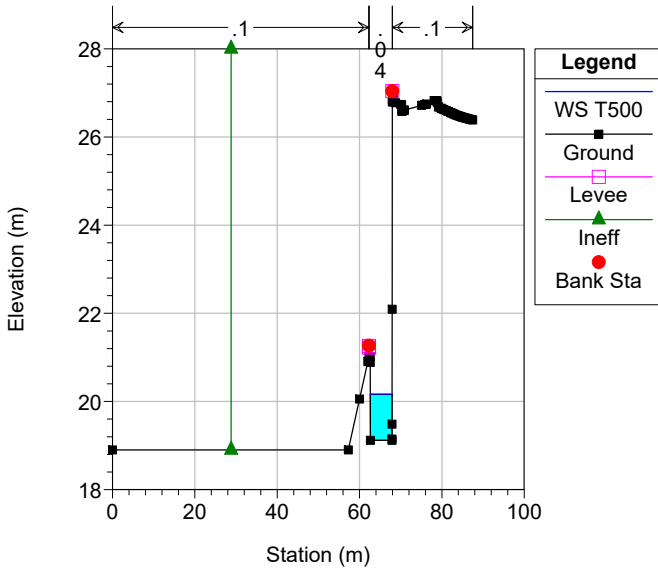
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 146.8827



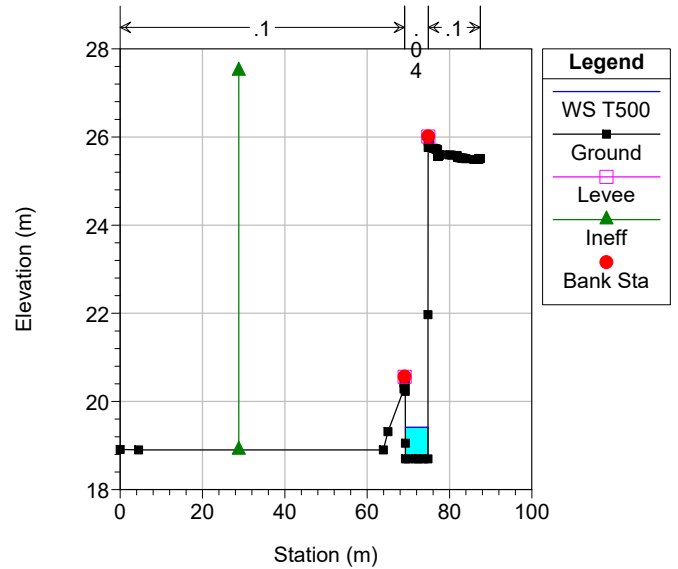
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 93.1843



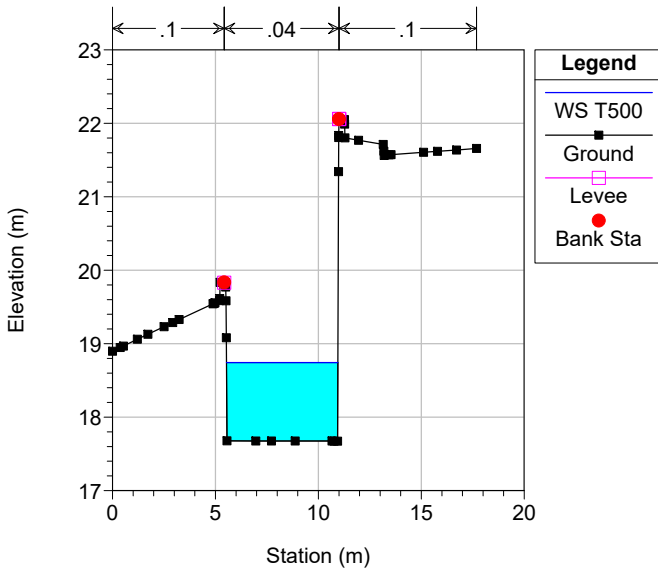
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 545.70 E-3 ANT



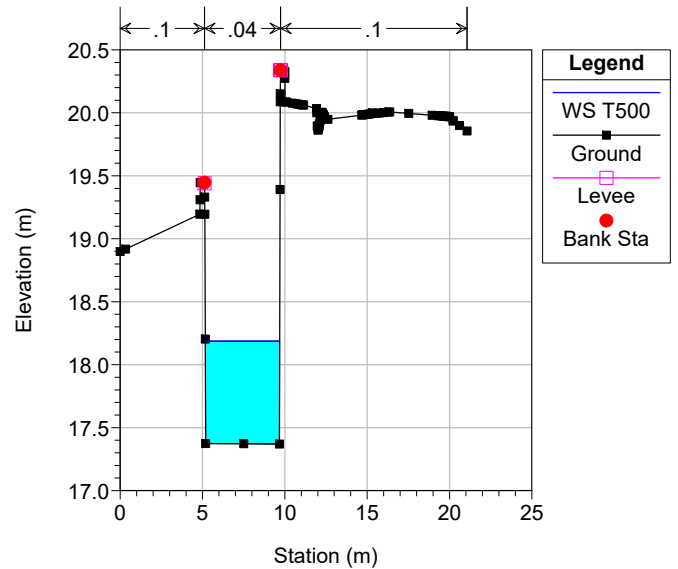
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 505.706 E-3 POS



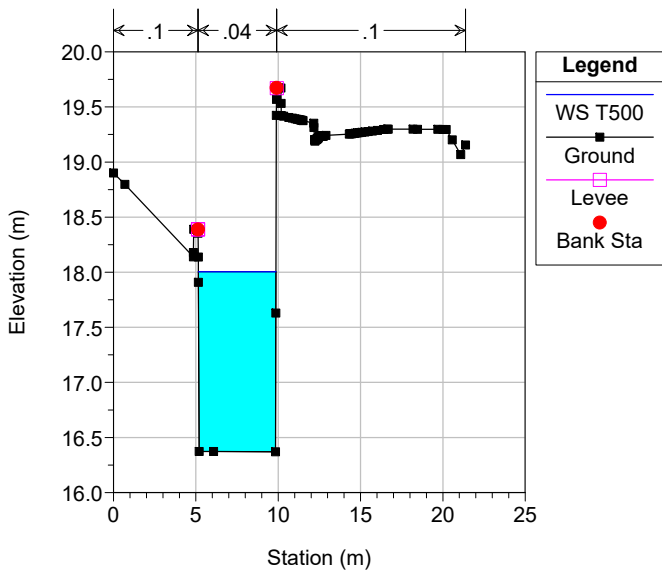
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 458.679 PR-6



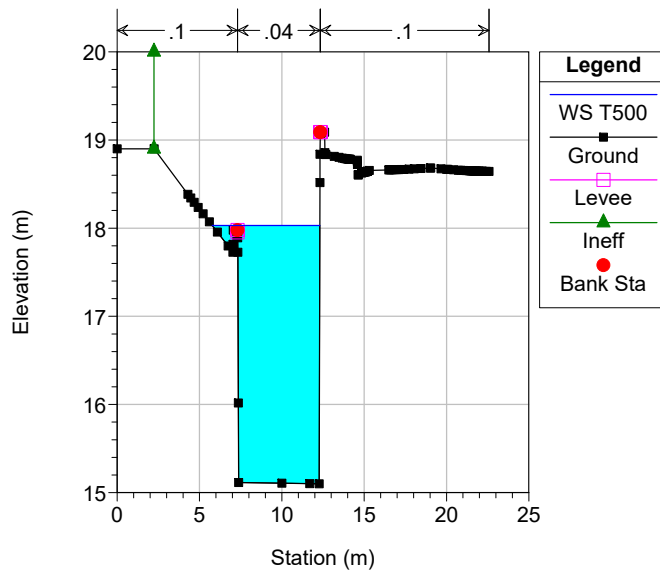
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 435.279 PR-5



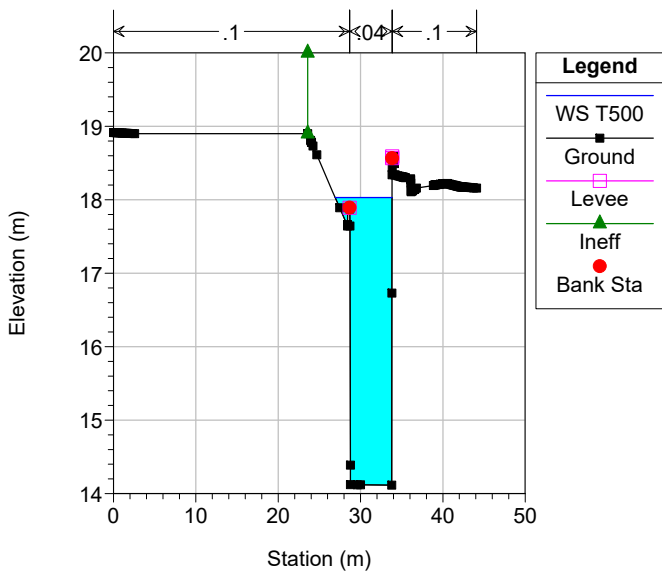
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 415.790 PR-4



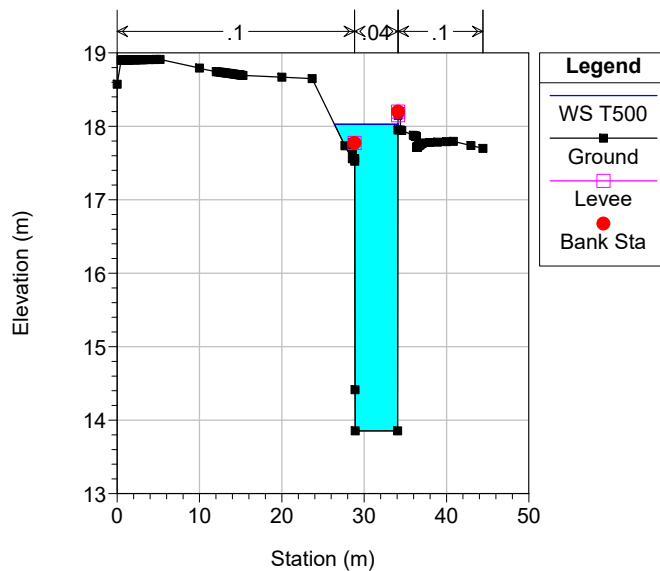
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 395.461 PR-3



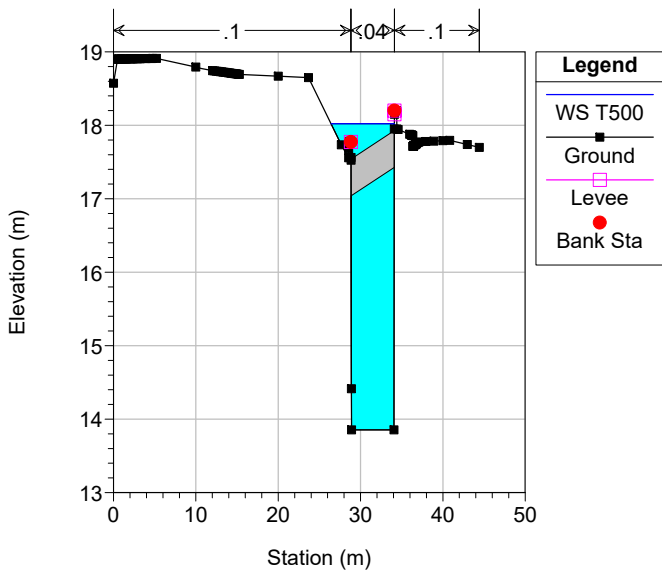
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 375.242 PR-2



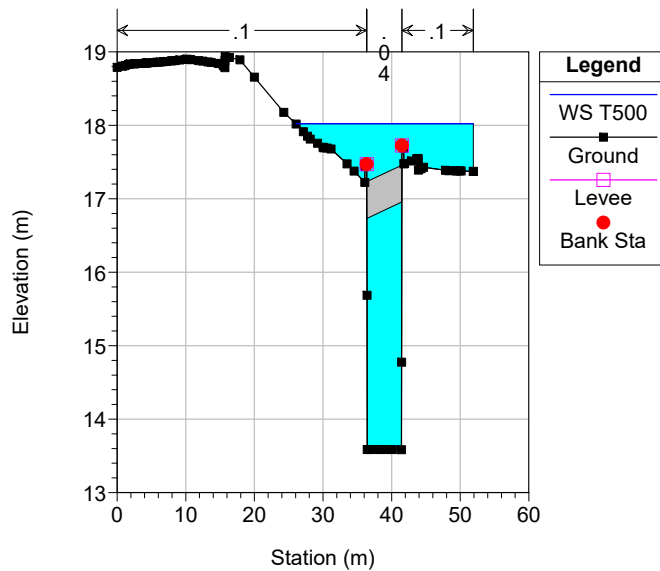
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 355.242 E-2 ANT



Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 348.28 BR



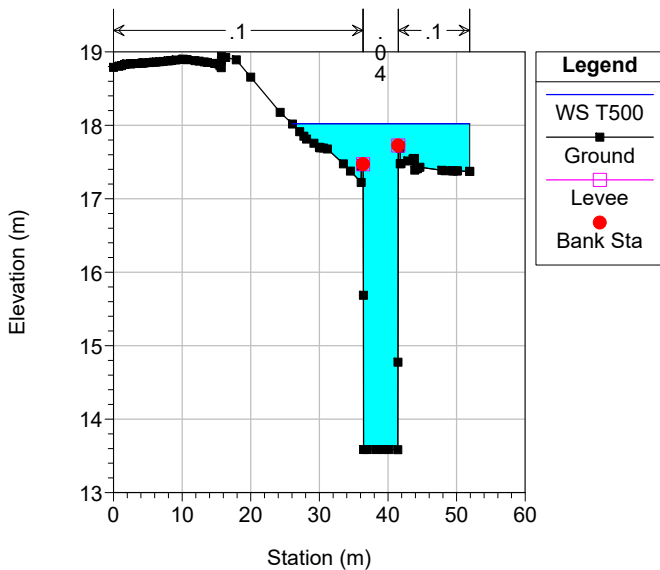
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT
 Geom: T500+ REGATA Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 348.28 BR



Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT

Geom: T500+ REGATA Flow: T500+REGATA

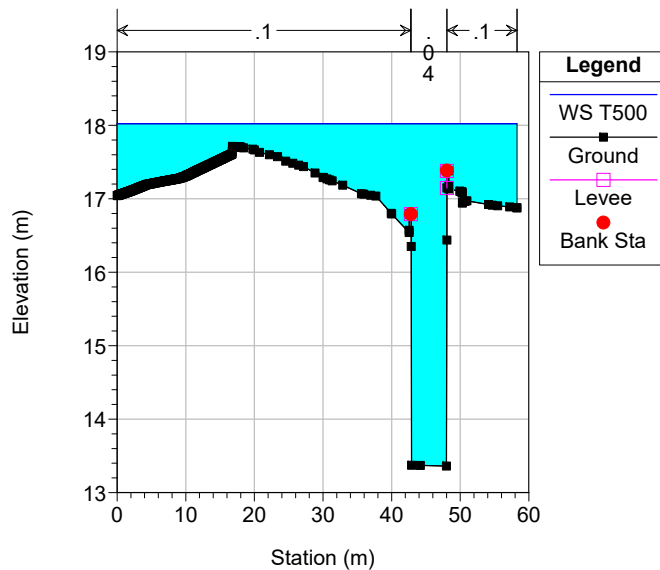
River = RegataURBIL Reach = RegataURBIL RS = 337.683 E-2 POS



Usurbil_Orio ZAPATEGI 200304 Plan: T500REG ACT

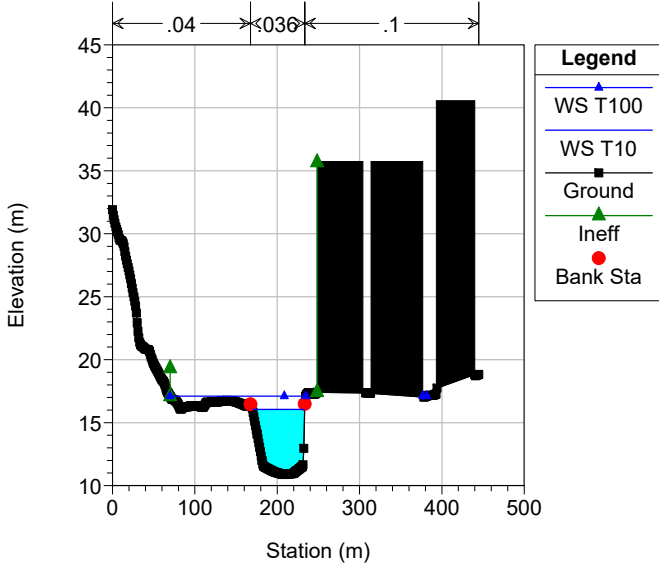
Geom: T500+ REGATA Flow: T500+REGATA

River = RegataURBIL Reach = RegataURBIL RS = 315.921 E-1 ANT

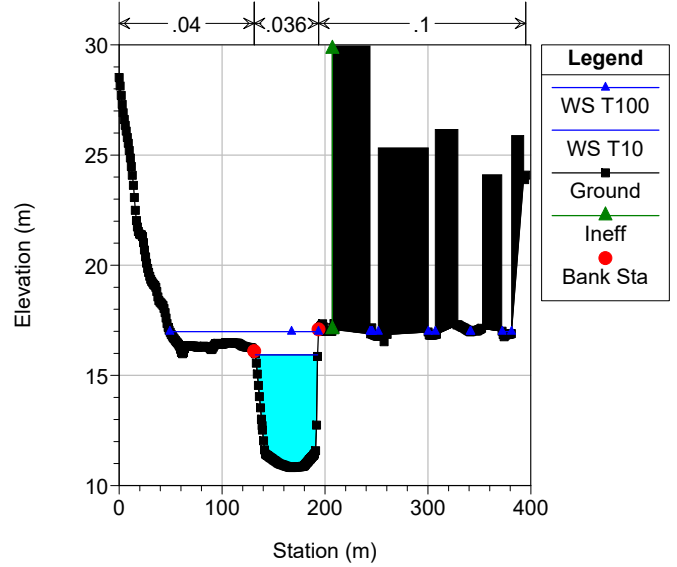


9.- SECCIONES TRANSVERSALES ESTADO FUTURO

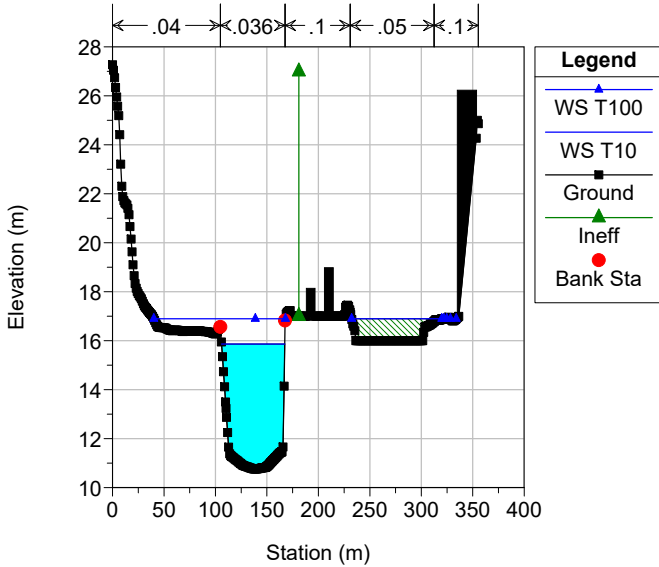
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16563.30



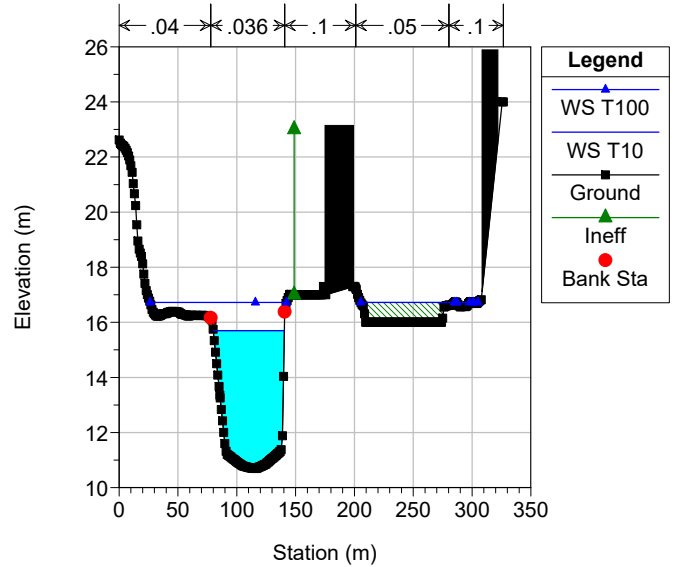
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16512.31



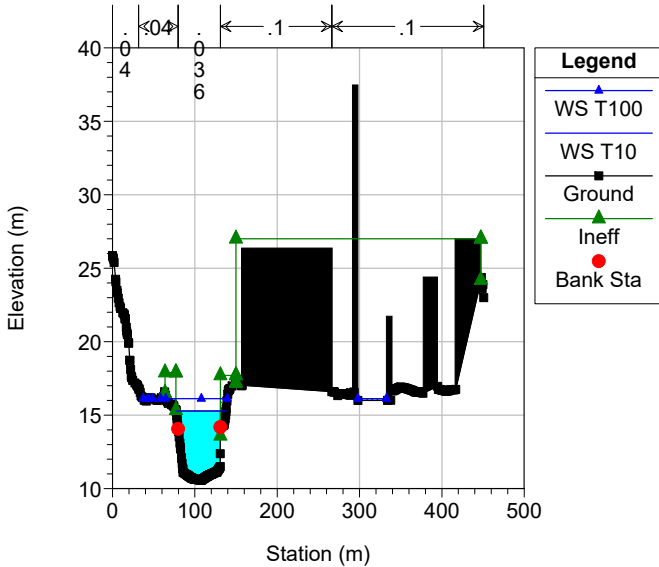
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16460.81



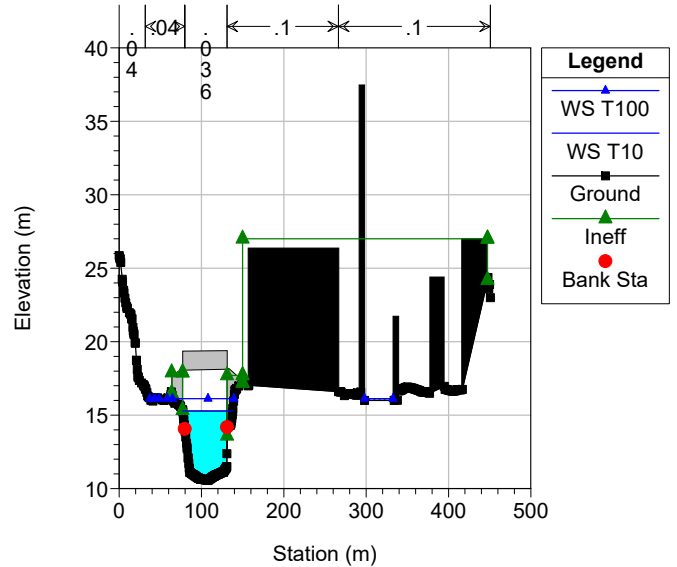
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16411.62



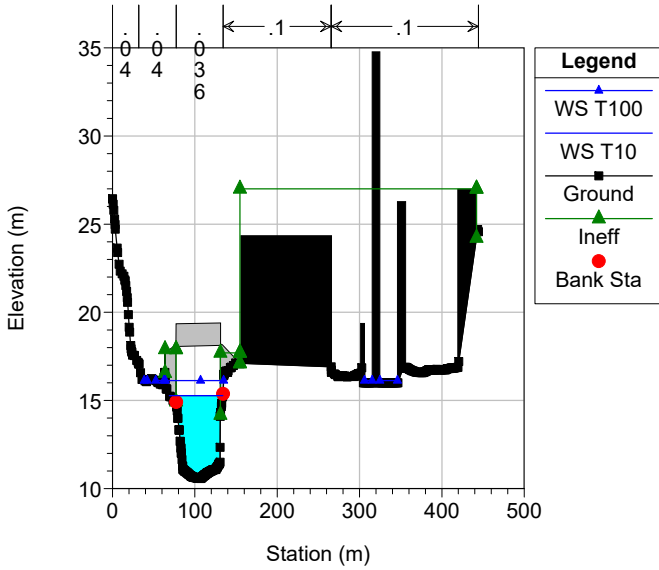
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16349.22



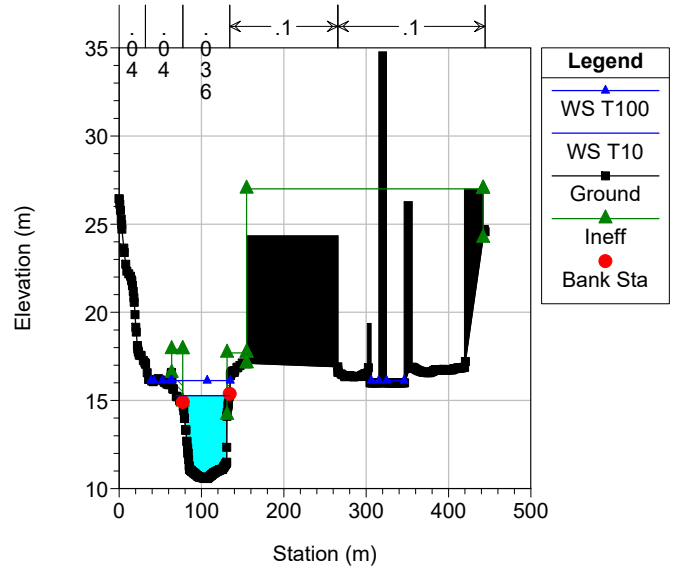
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16347.99 BR E107



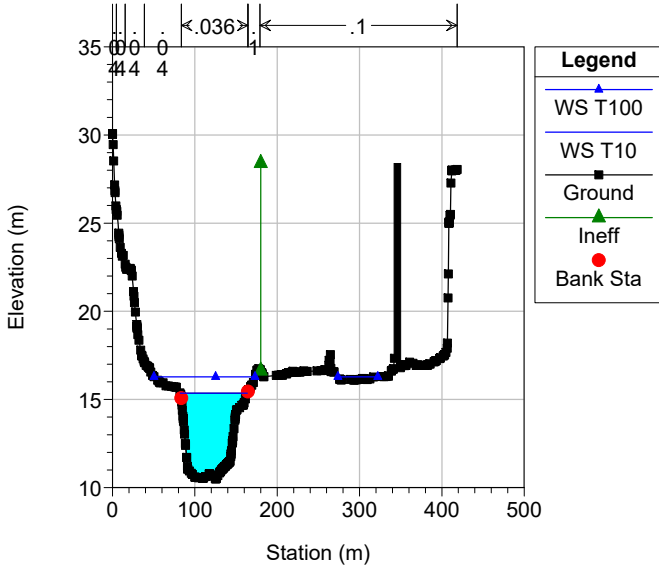
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16347.99 BR E107



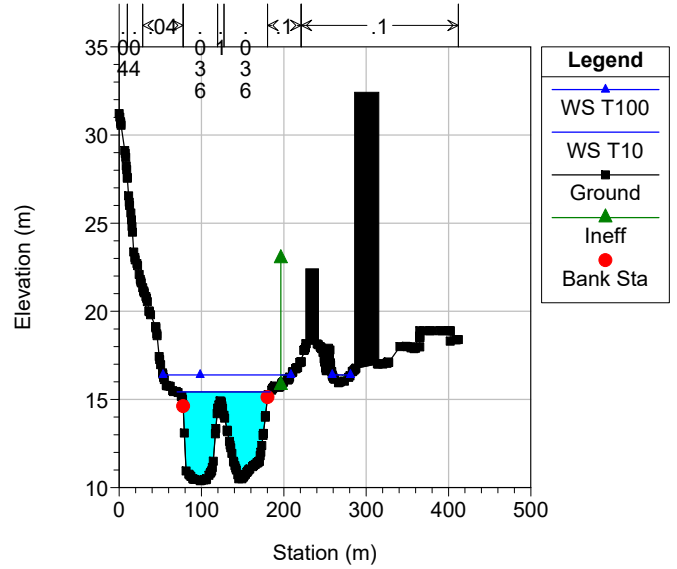
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16346.30



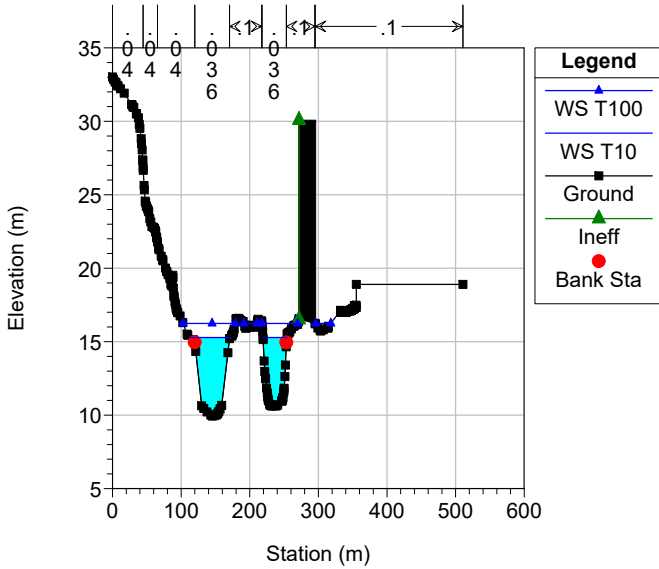
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16320.97



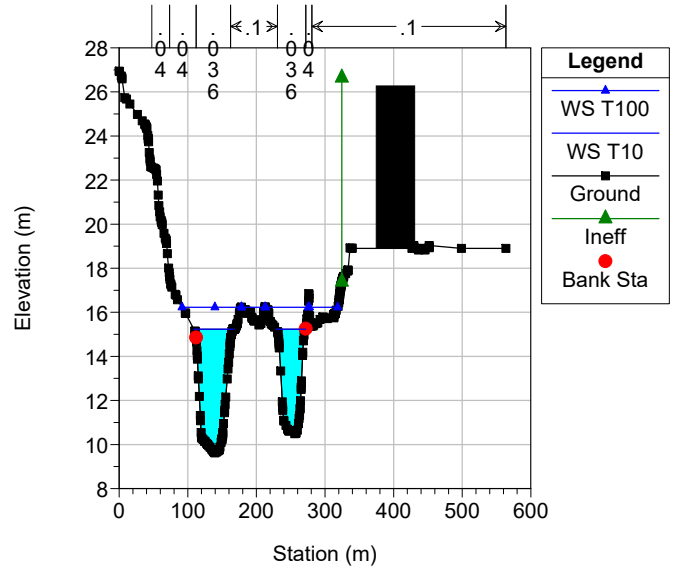
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16274.54



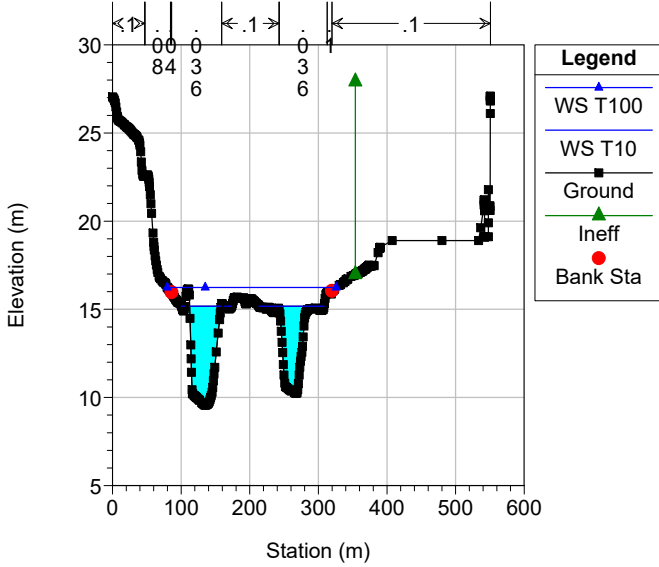
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16224.48



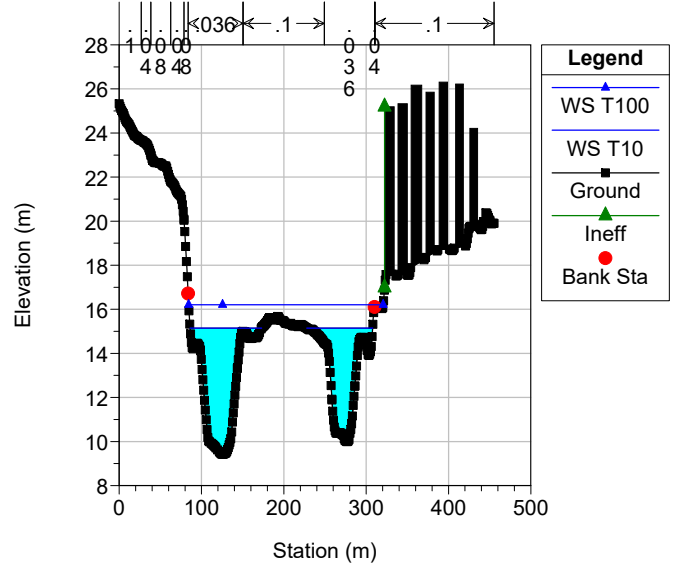
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16163.02



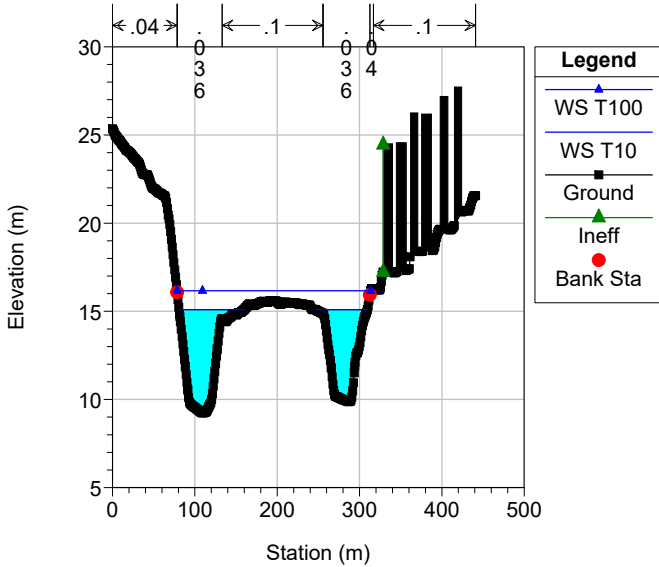
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2 RS = 16134.34



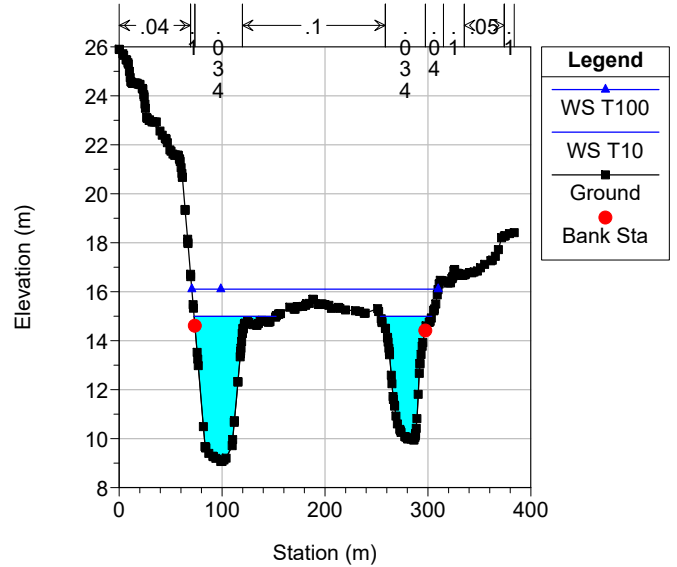
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 16083.65



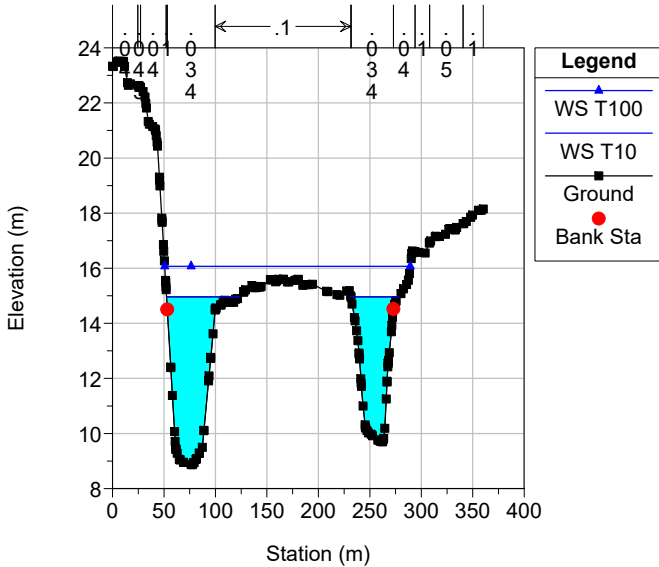
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 16031.29



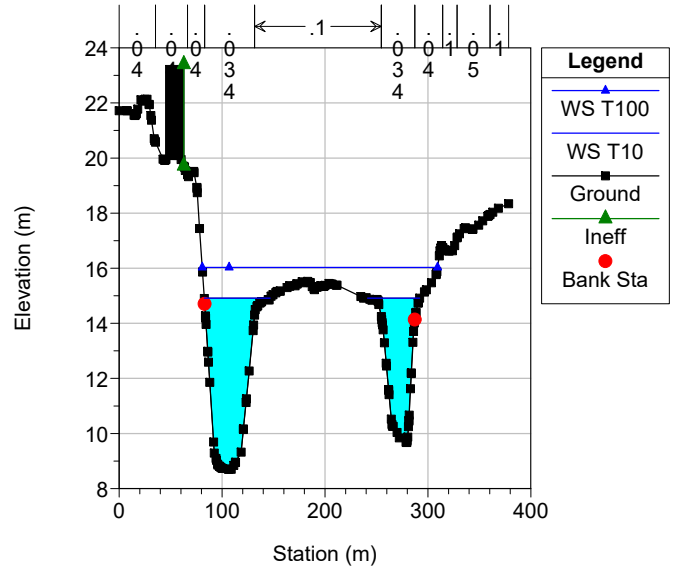
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 16000.81



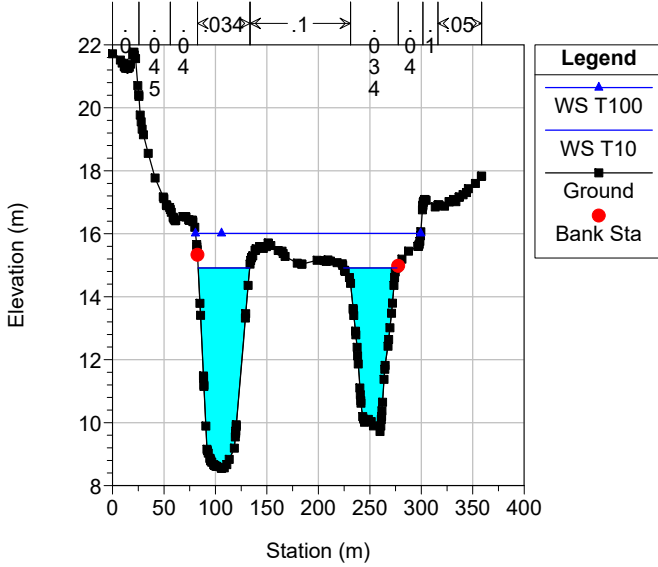
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15960.27



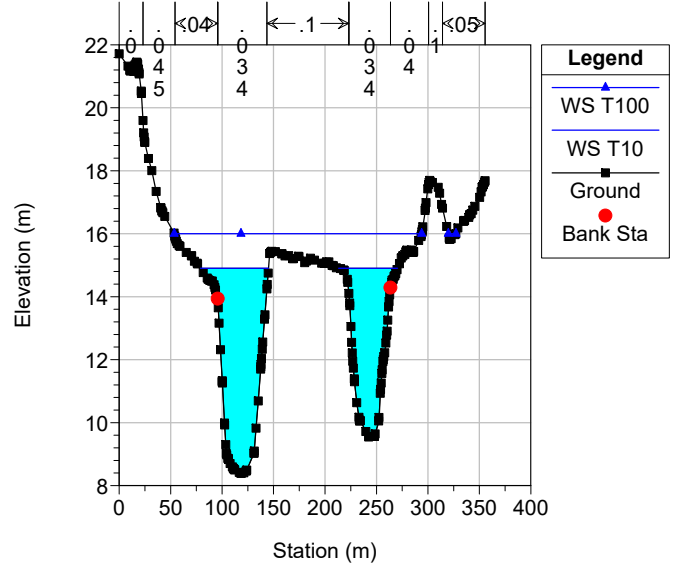
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15925.95



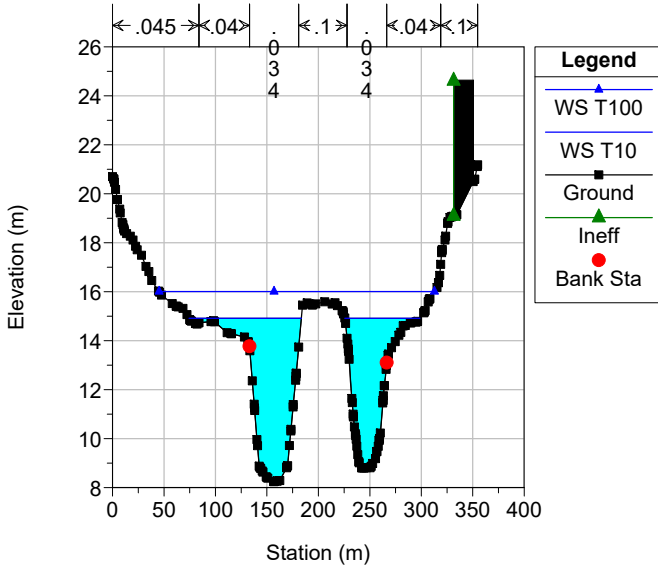
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15896.56



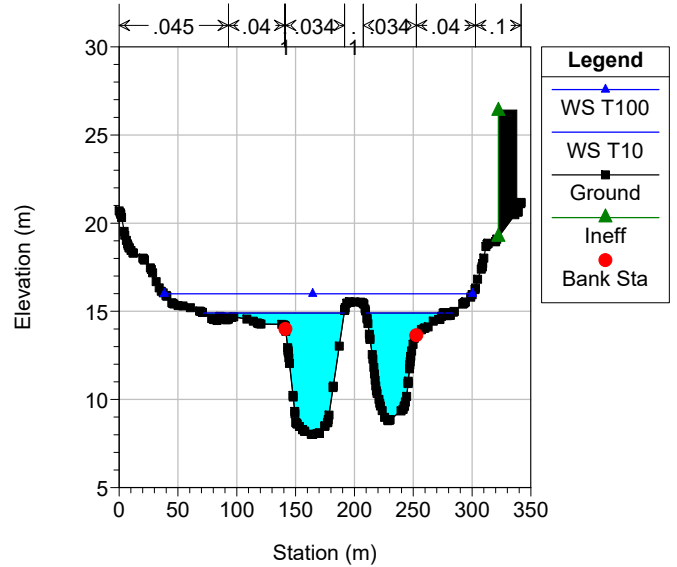
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15863.90



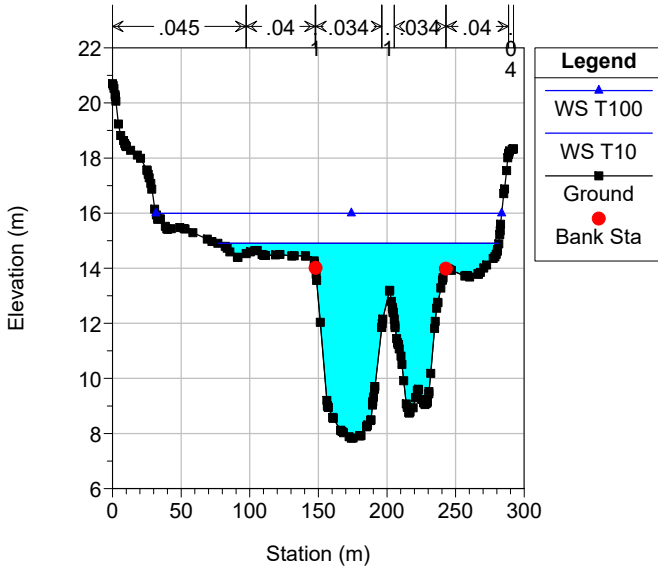
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15832.96



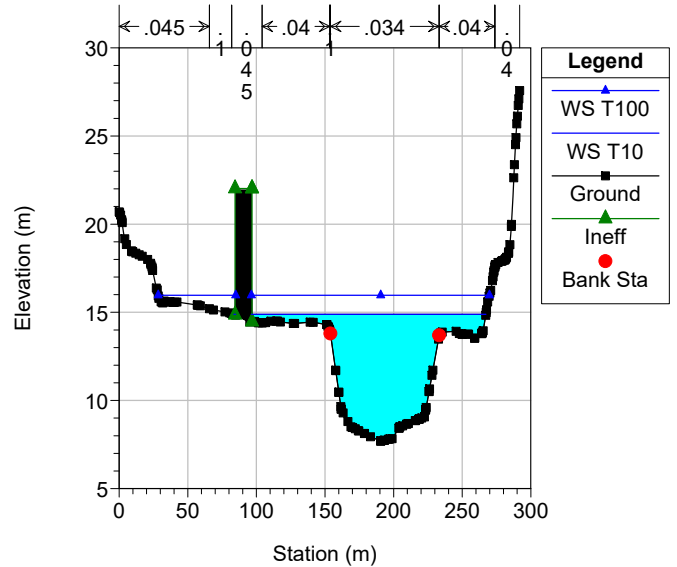
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15798.94



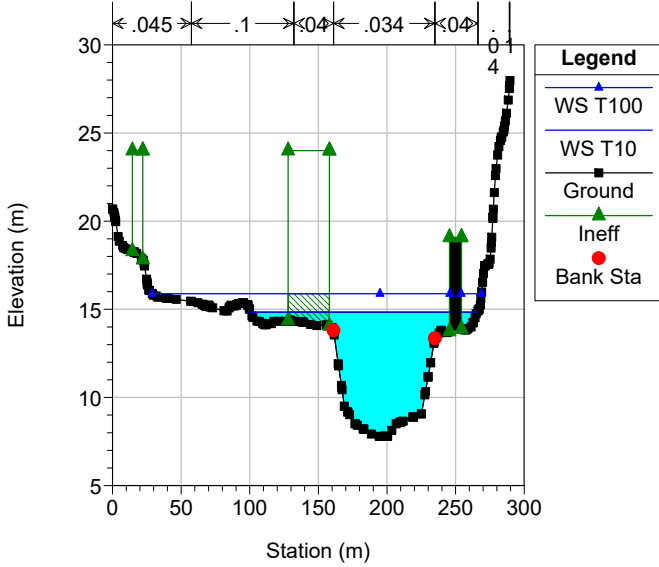
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15773.00



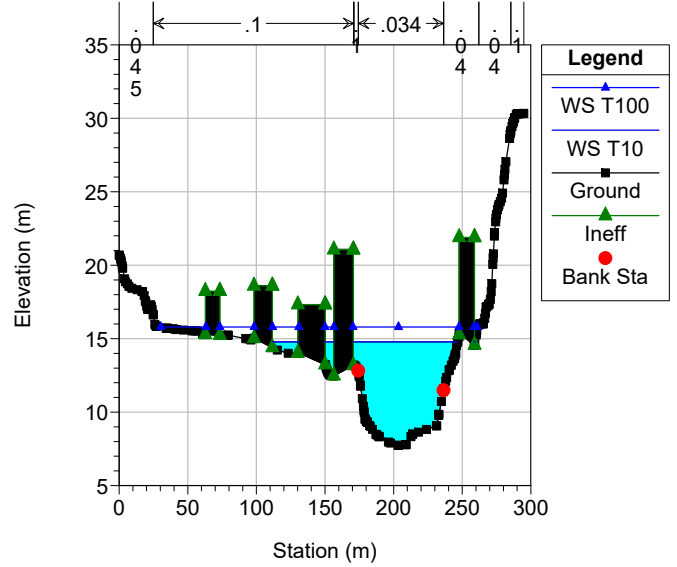
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15744.06



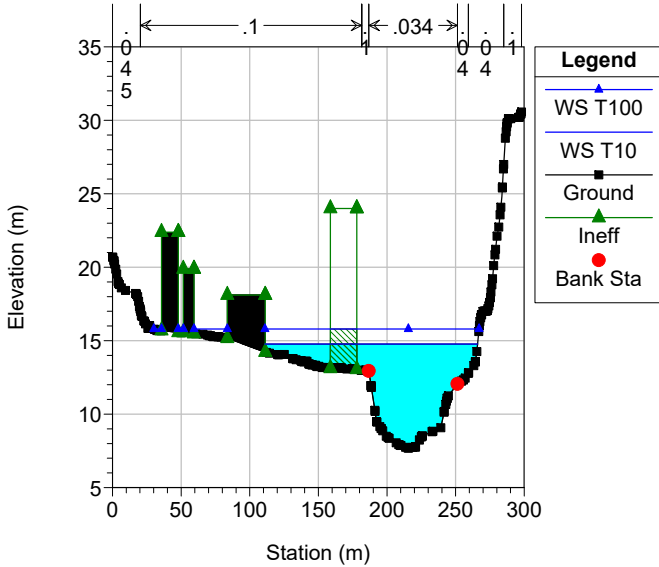
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15723.44



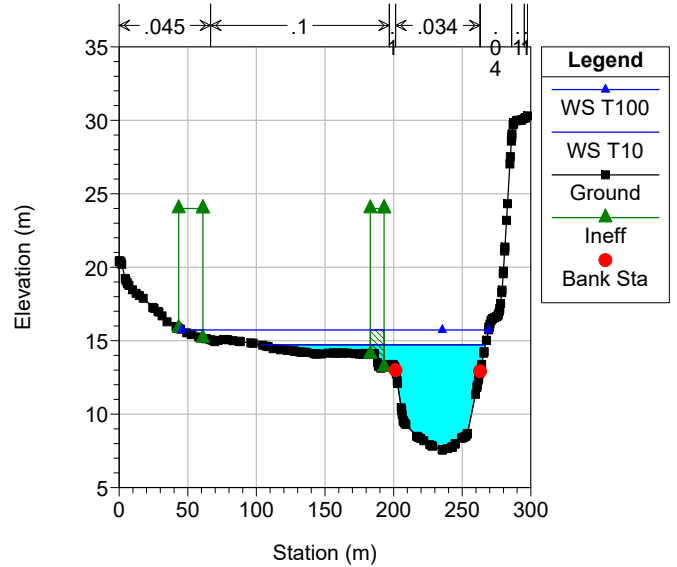
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15698.95



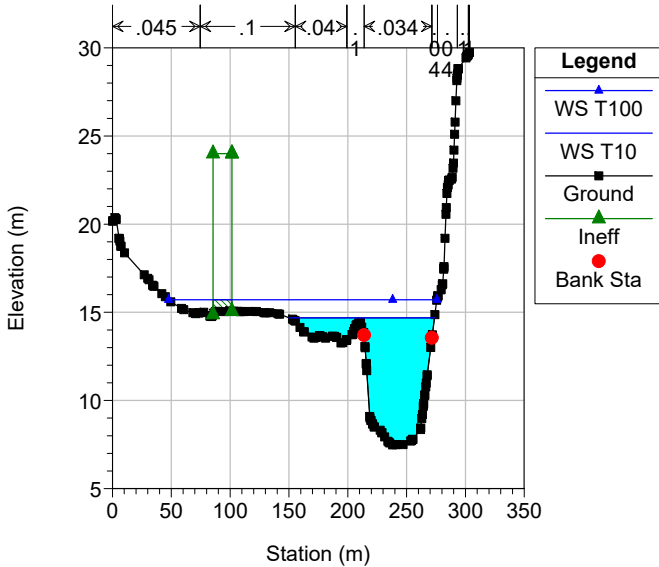
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15670.31



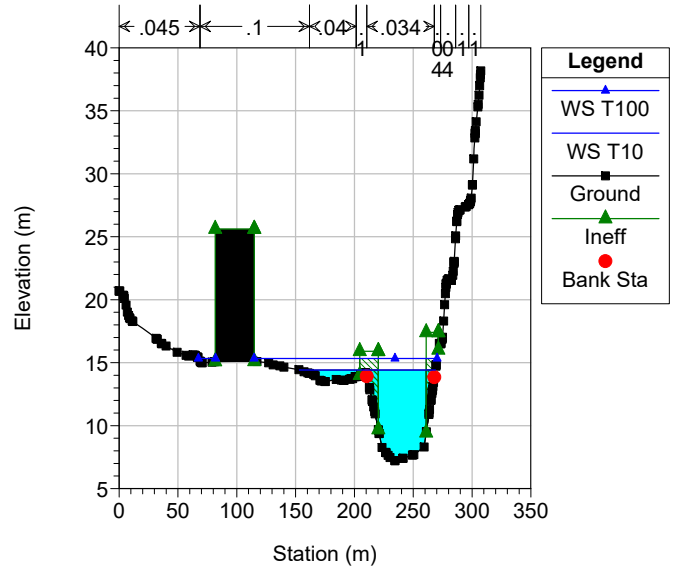
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15629.25



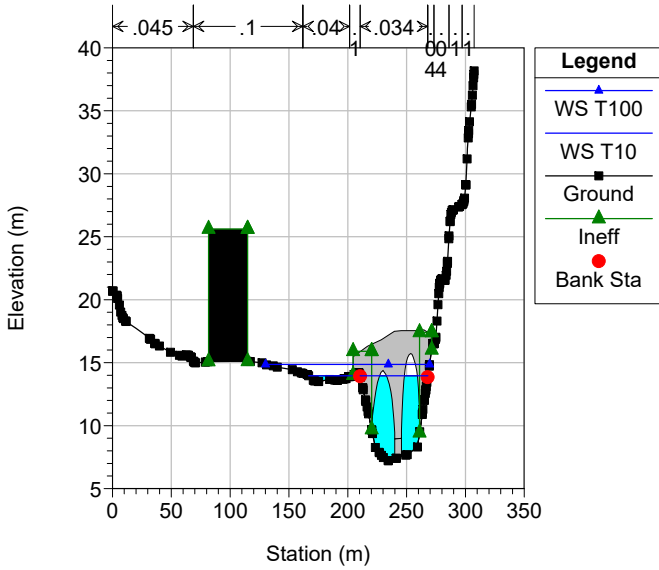
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15581.08



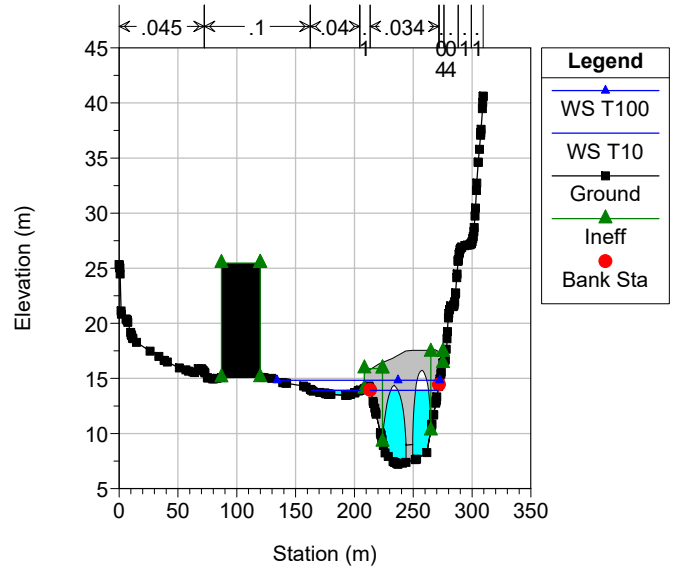
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15541.86



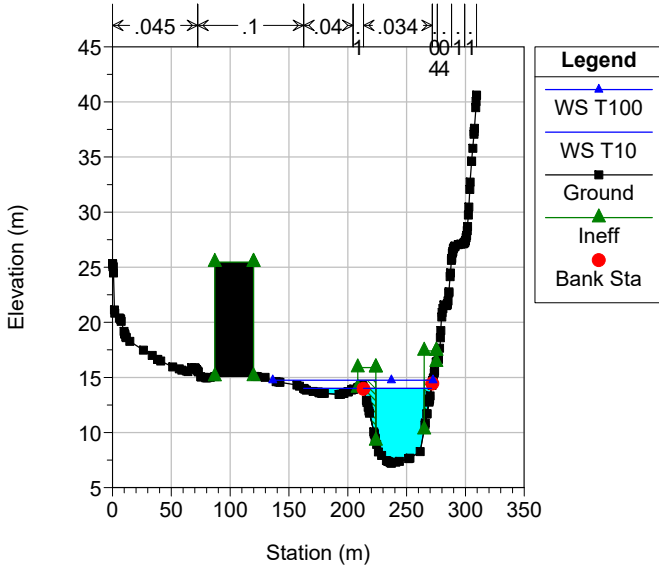
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15535.32 MO



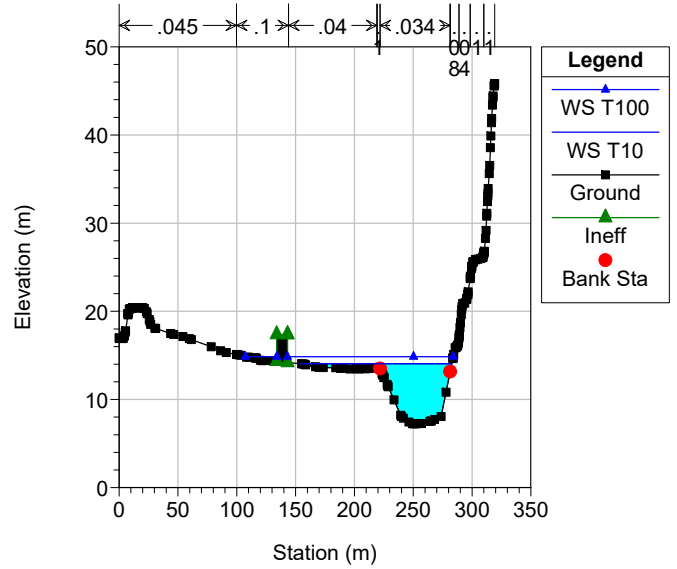
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15535.32 MO



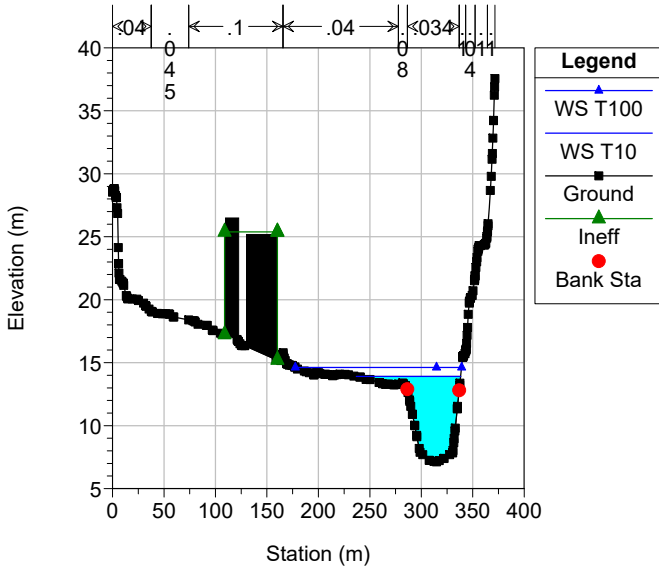
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15535.16



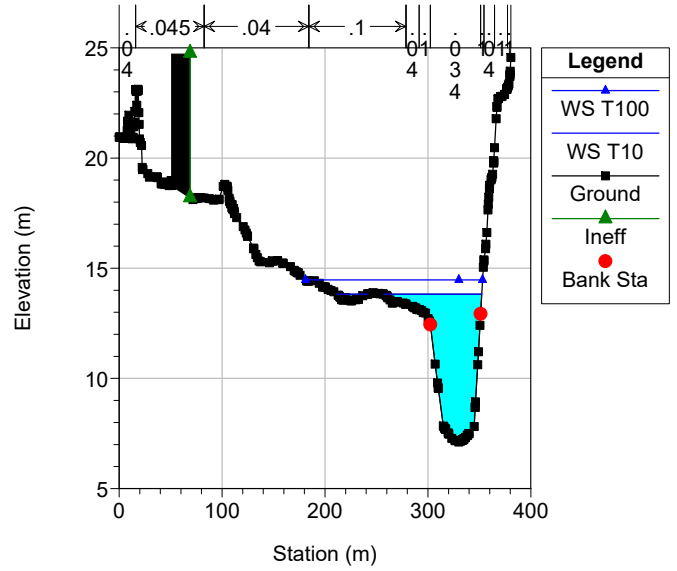
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15499.05



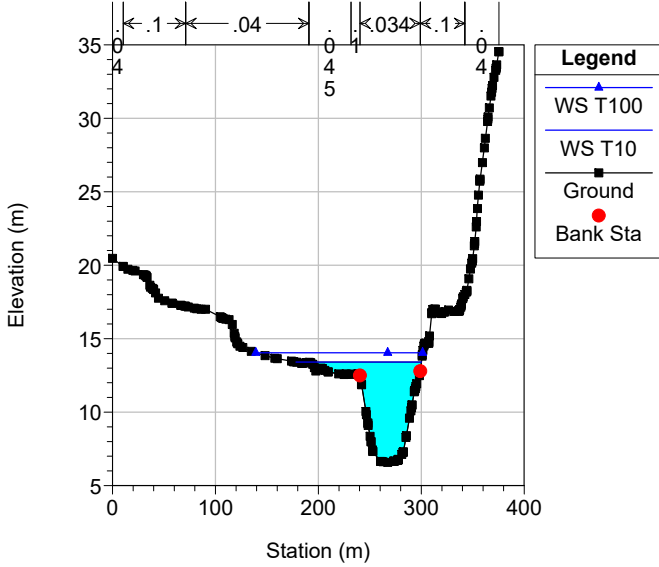
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15459.37



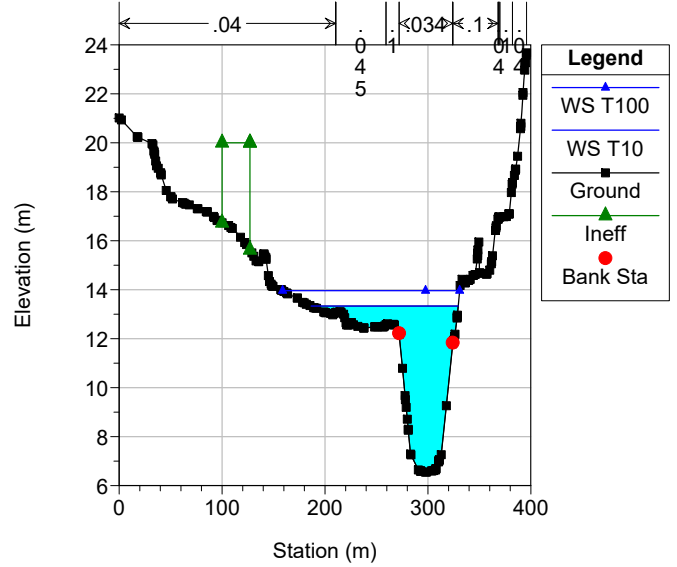
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15421.29



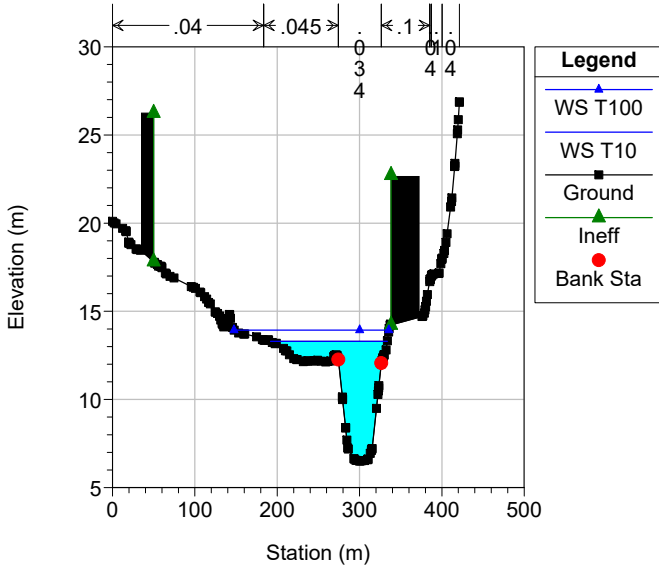
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15072.87



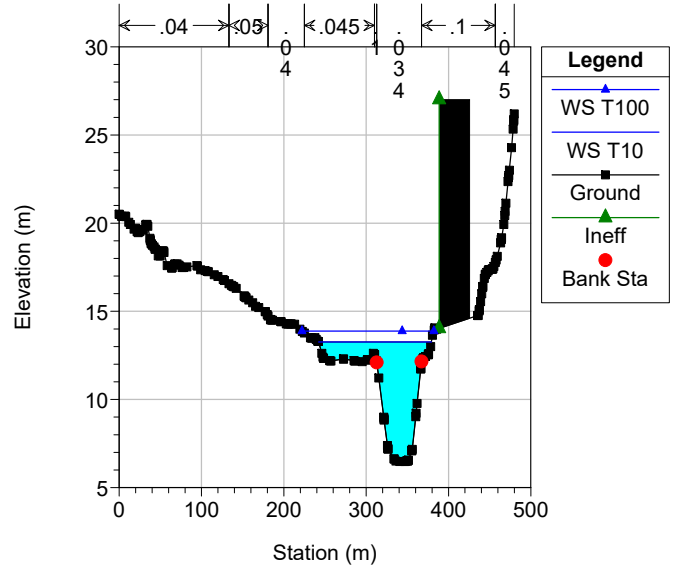
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15021.28



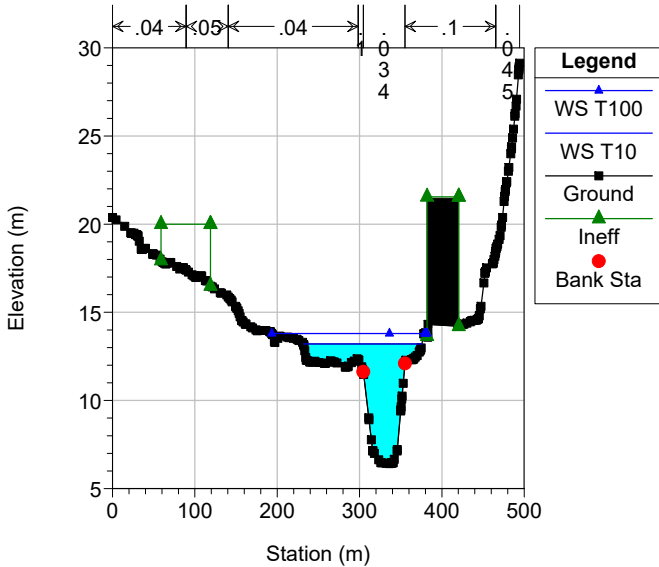
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14970.36



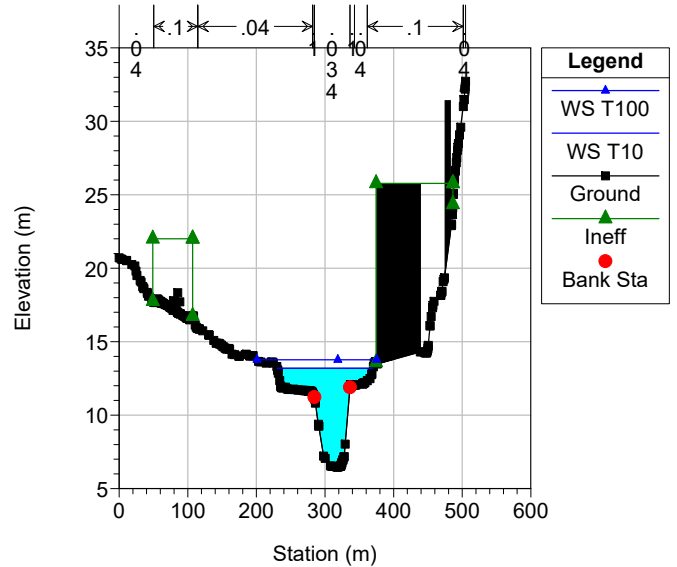
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14922.00



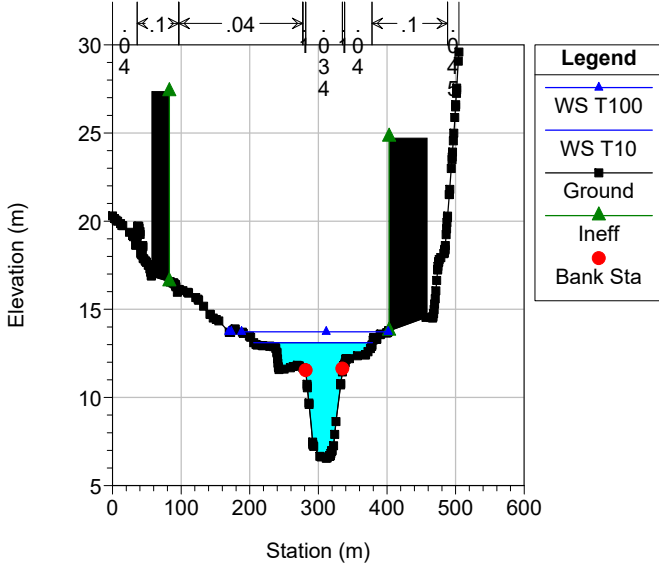
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14873.26



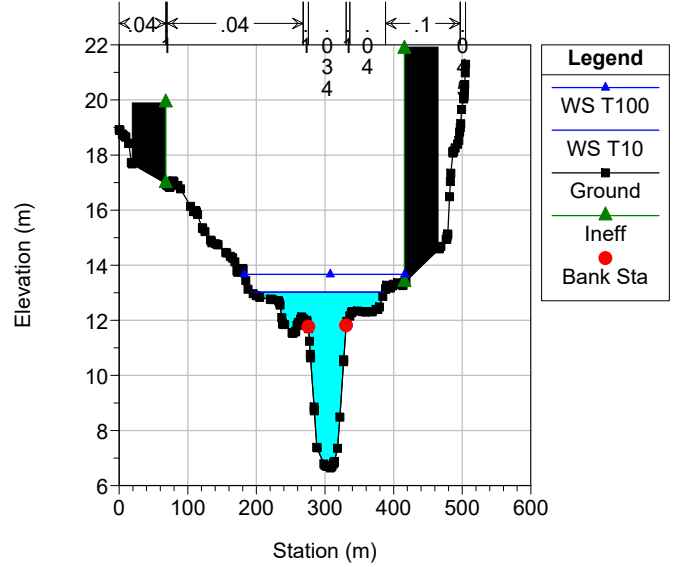
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14823.96



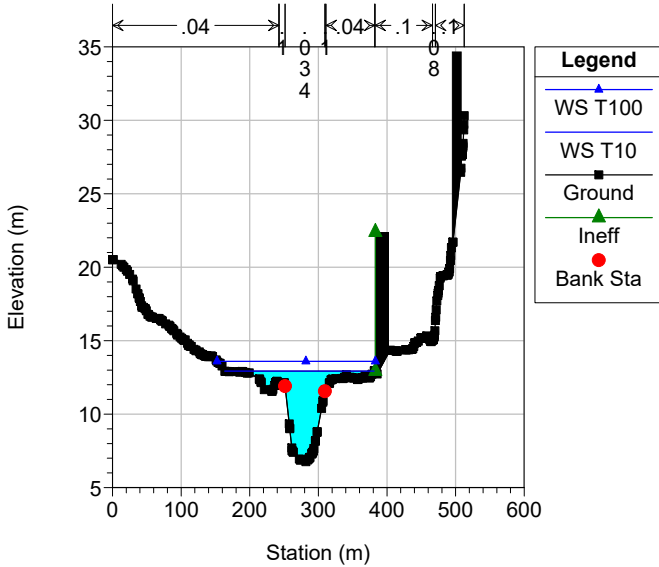
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14773.64



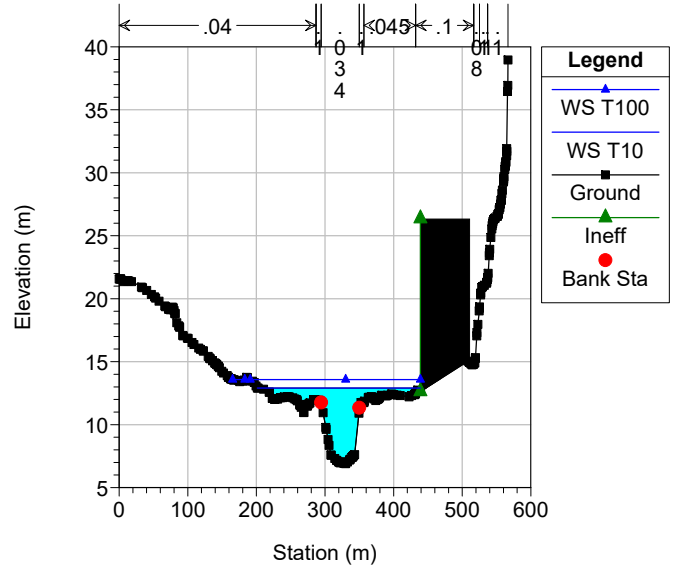
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14723.51



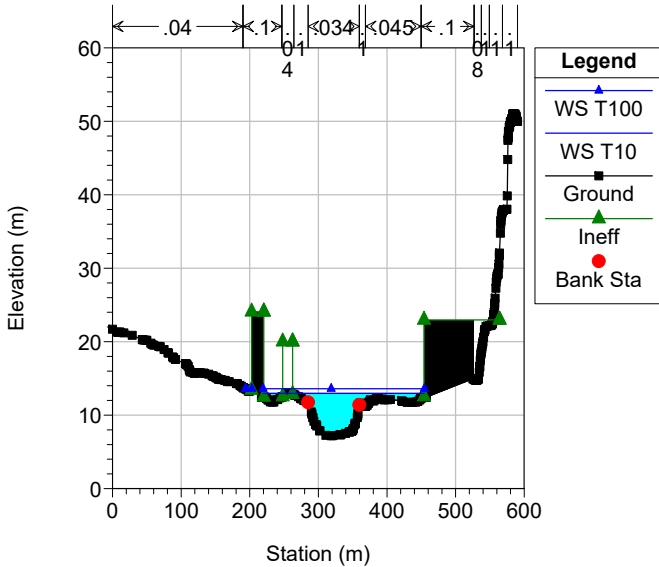
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14655.70



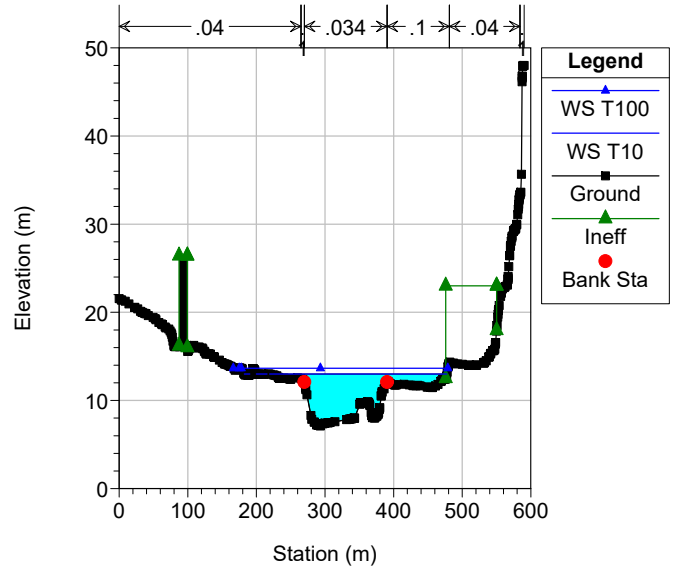
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14605.55



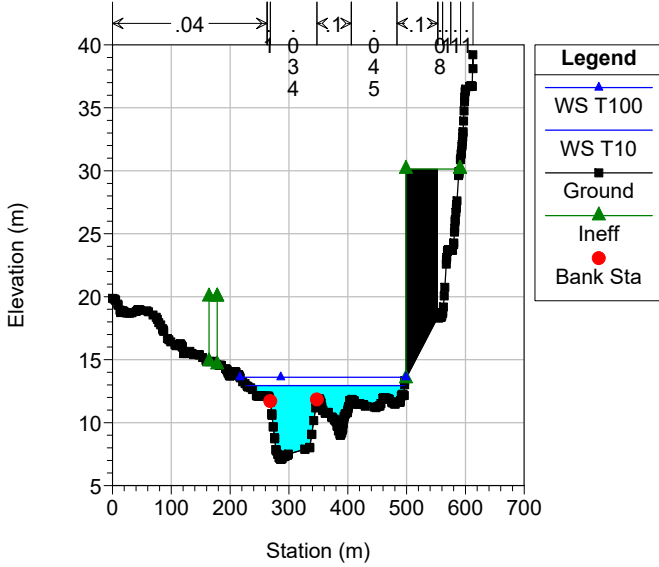
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14554.89



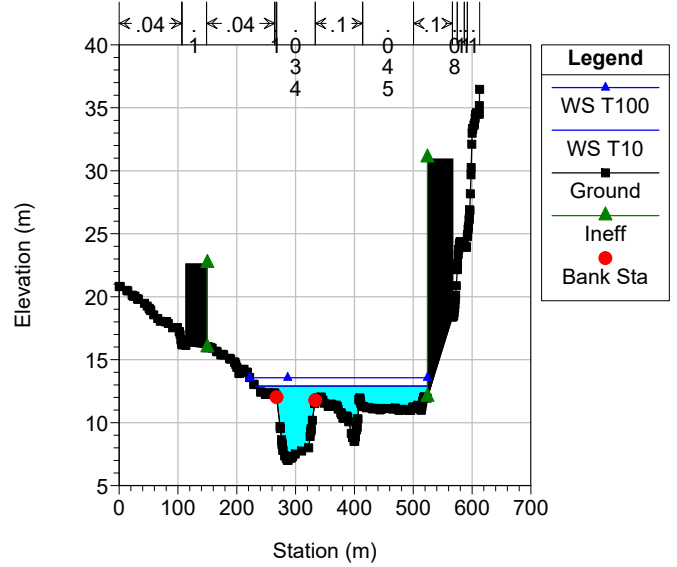
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14500.36



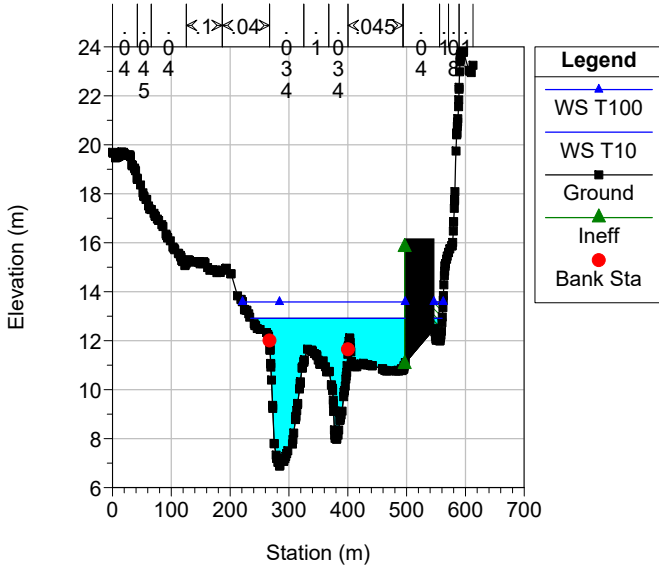
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14449.37



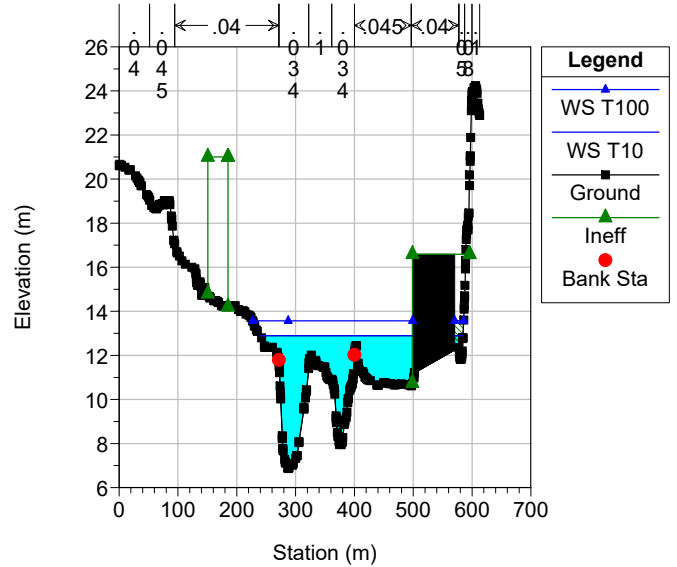
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14399.30



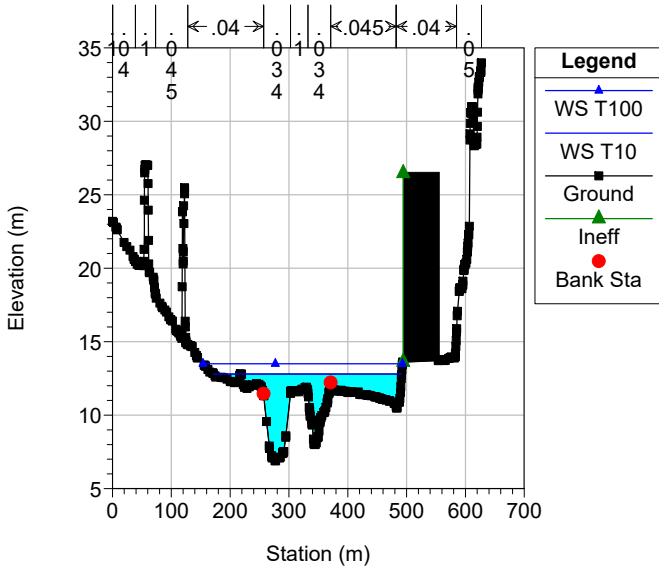
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14349.13



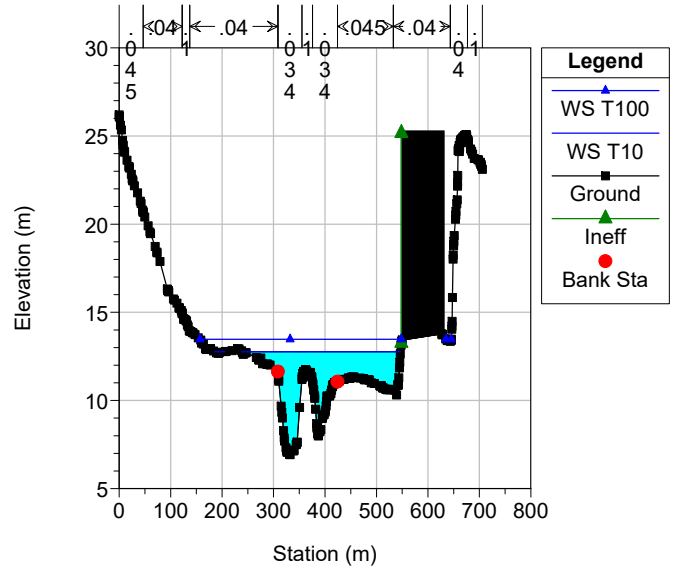
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14328.20



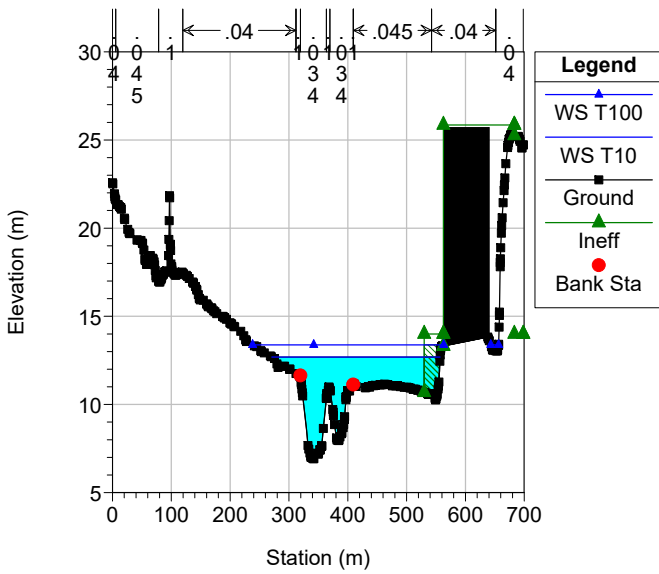
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14248.94



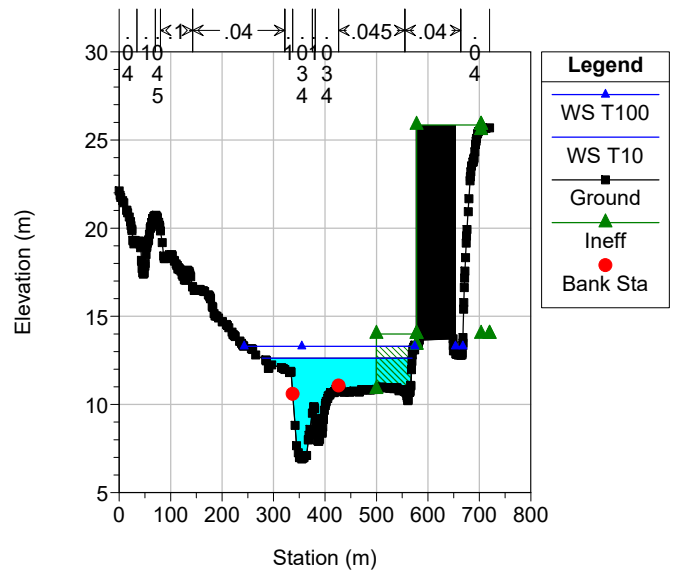
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
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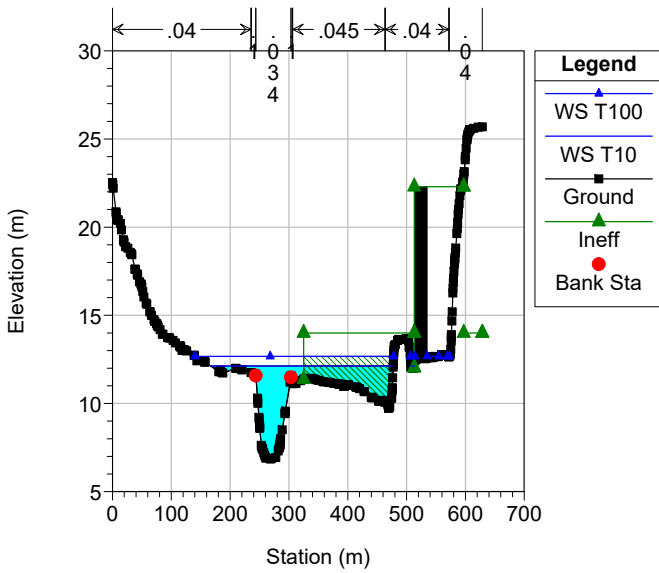
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14107.97



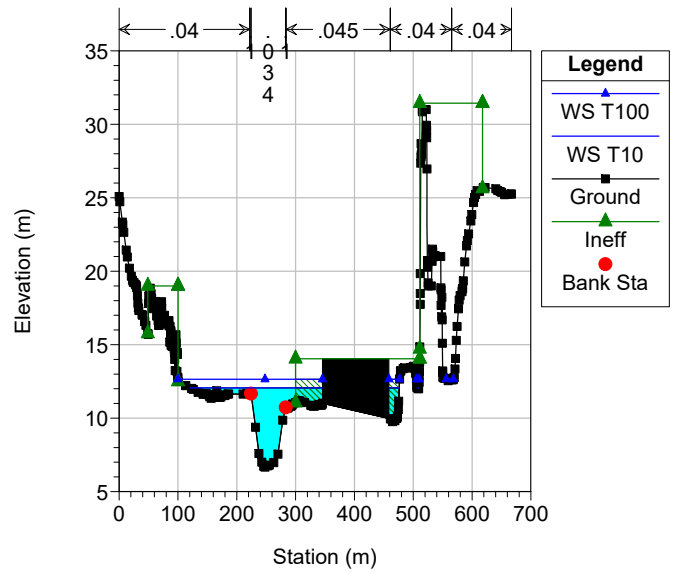
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14074.51



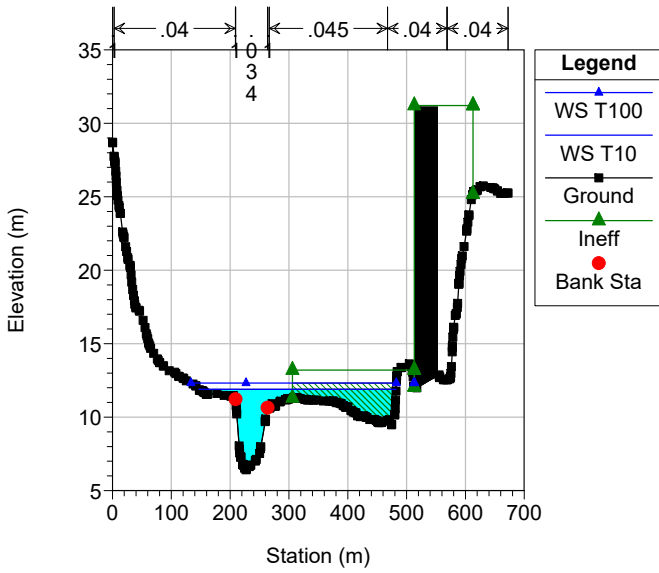
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14013.92



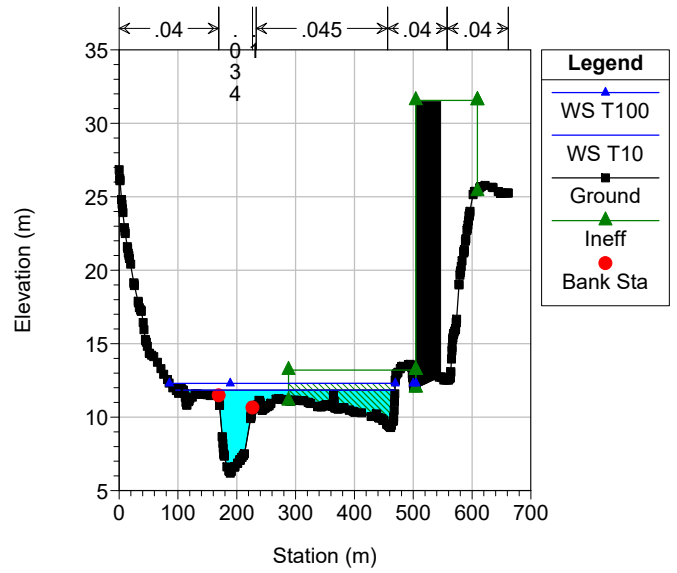
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13965.17



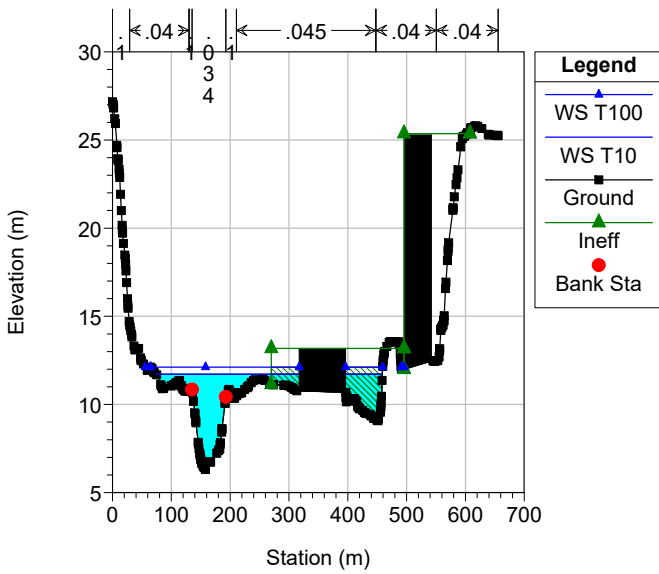
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13910.59



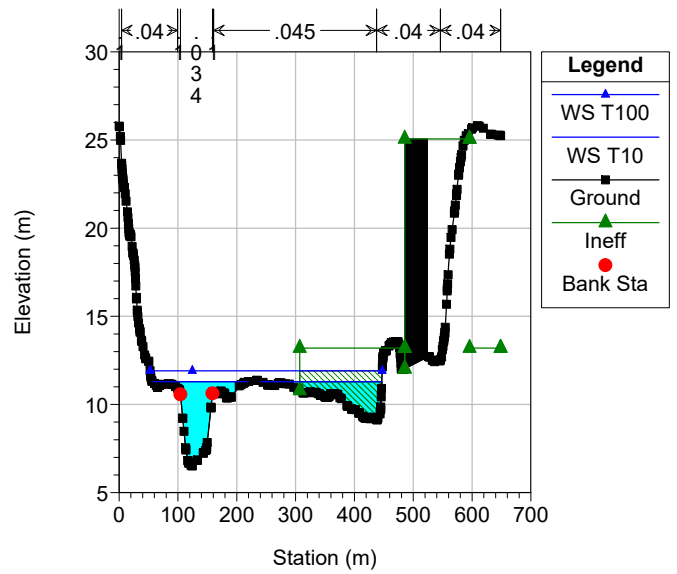
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13858.97



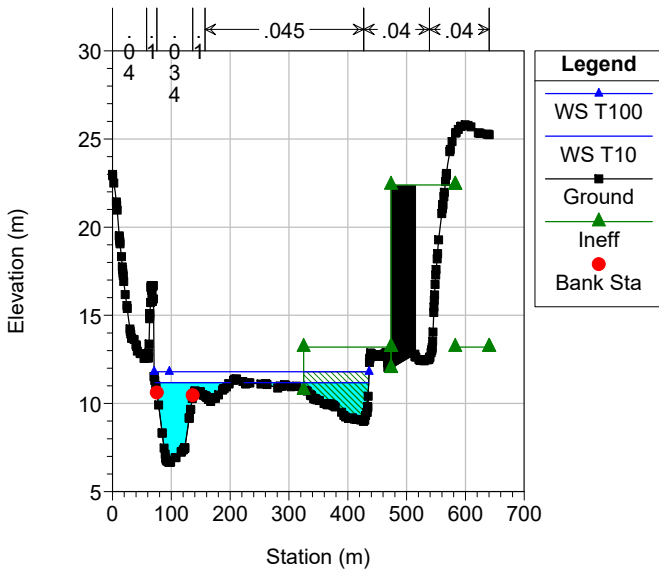
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13796.84



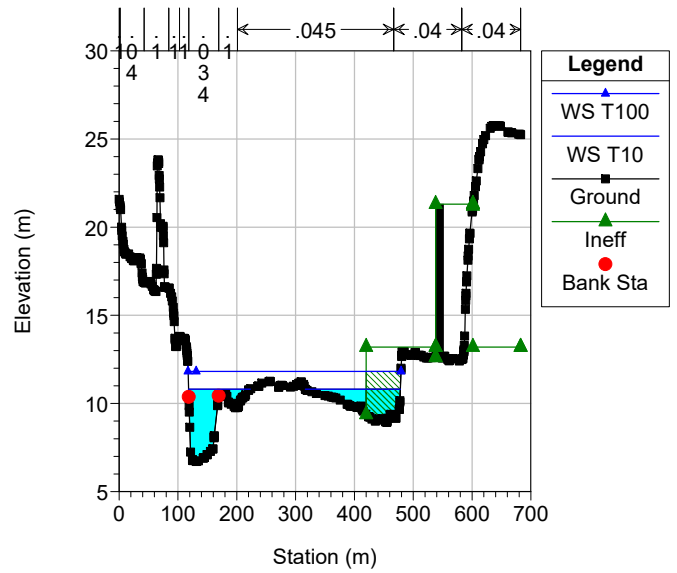
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13740.79



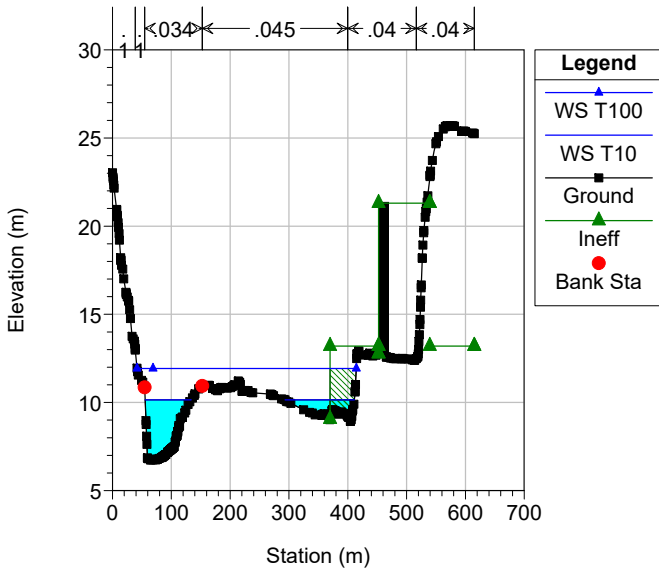
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13697.46



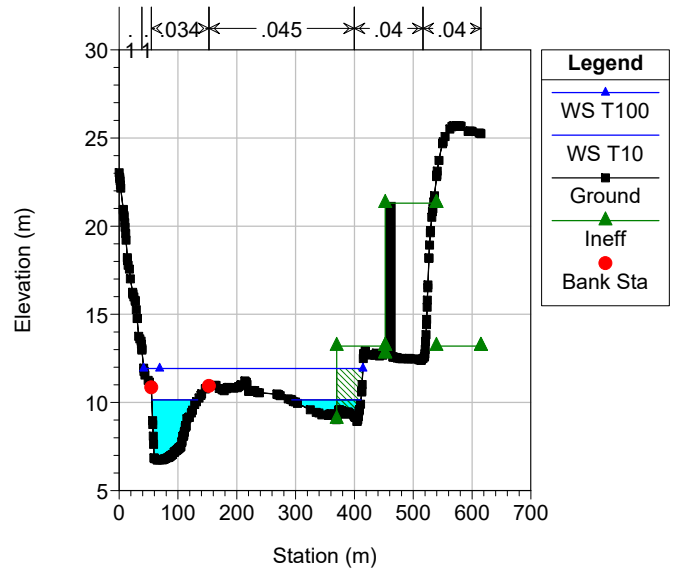
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13637.55



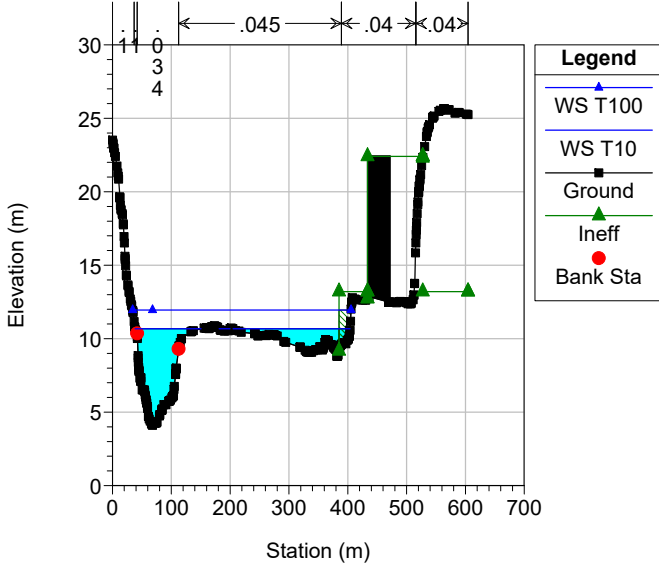
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
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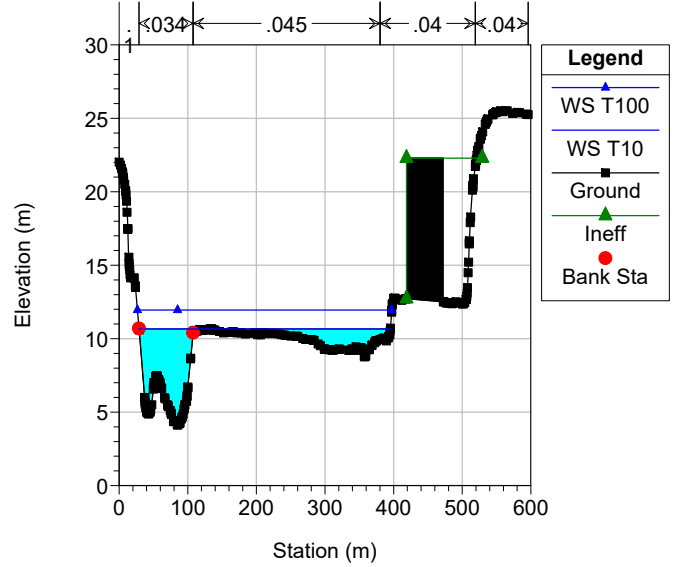
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13576.50 IS E109



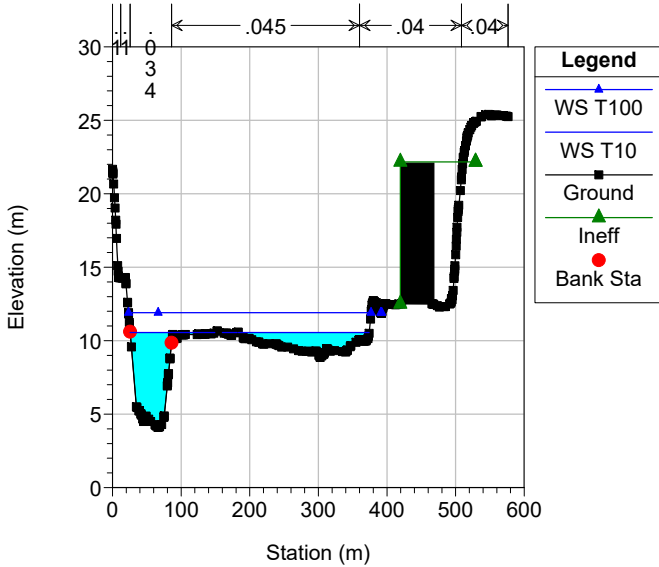
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13545.21



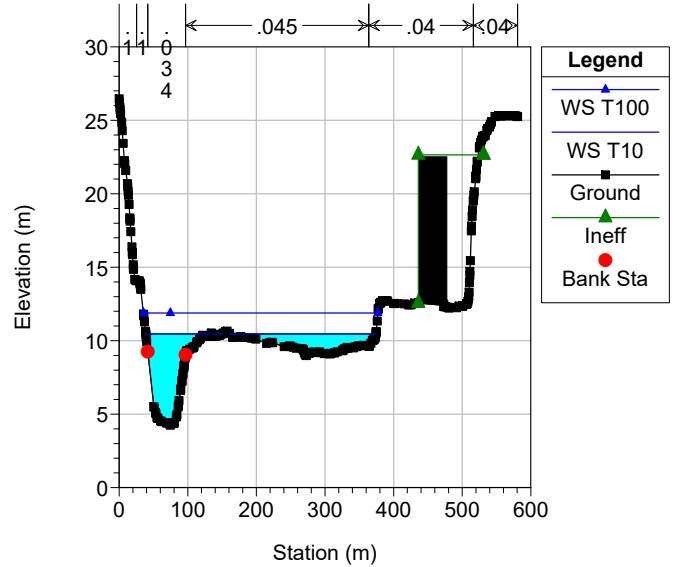
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
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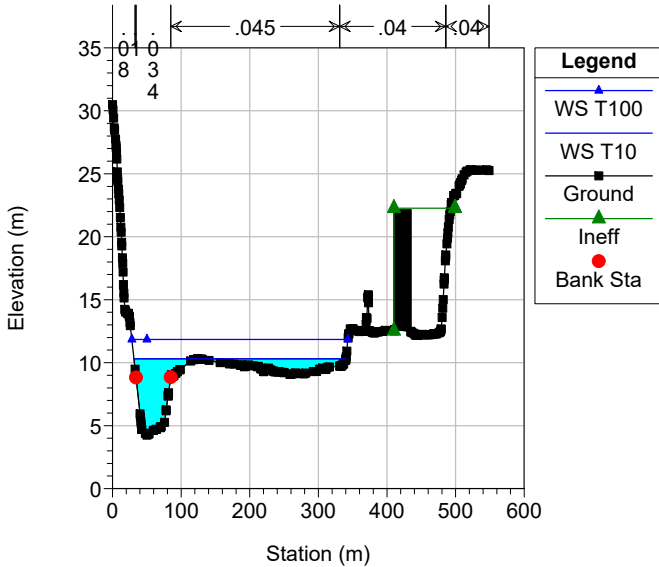
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
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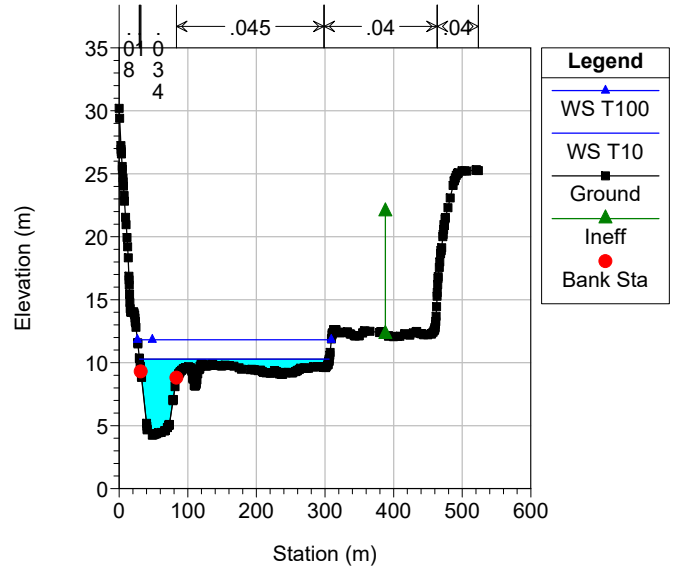
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13396.47



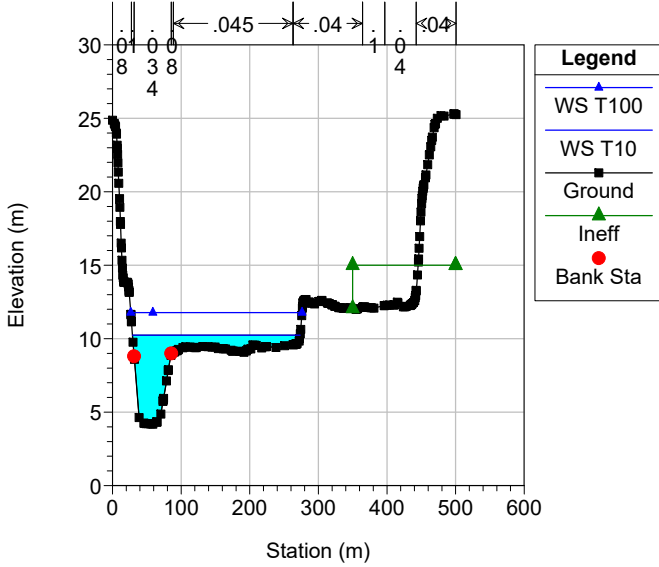
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13325.25



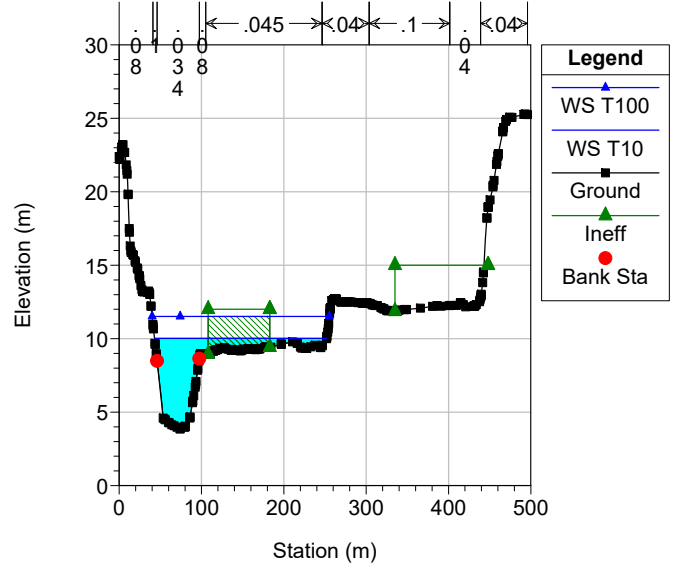
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13287.46



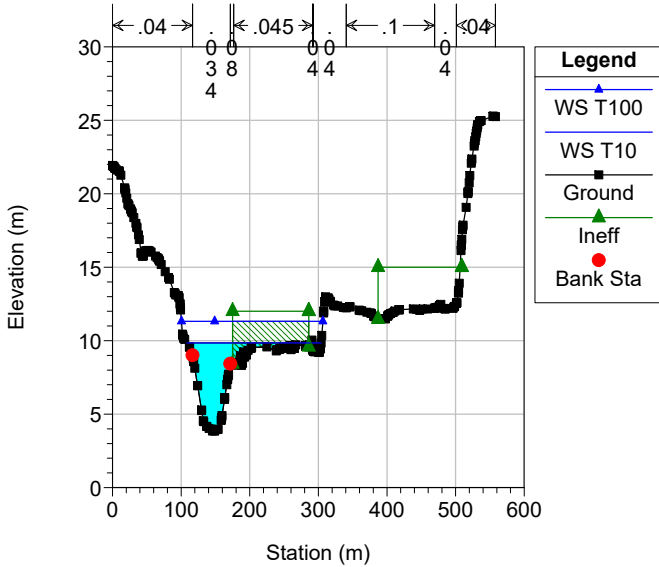
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13242.87



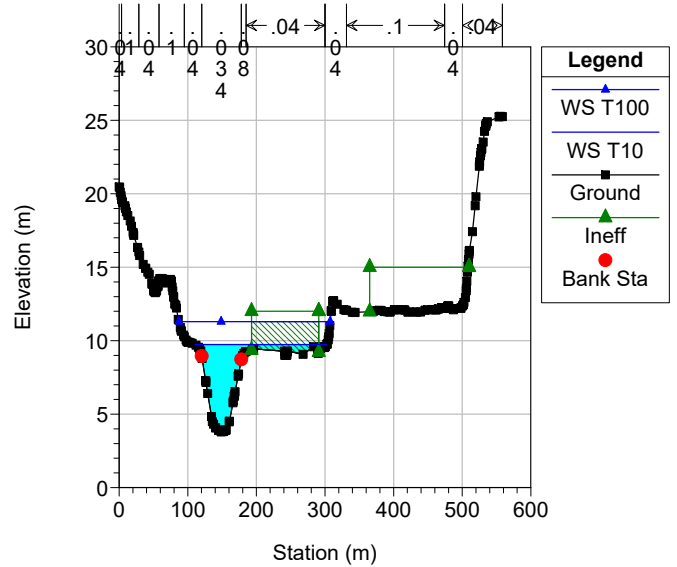
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13191.41



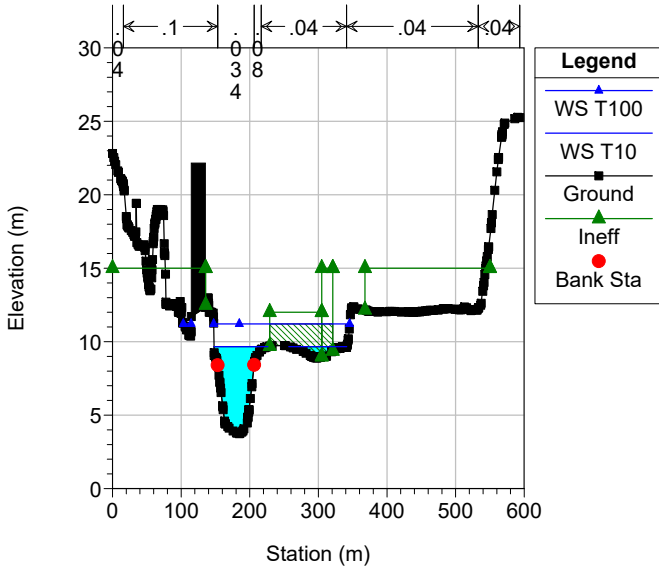
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13137.97



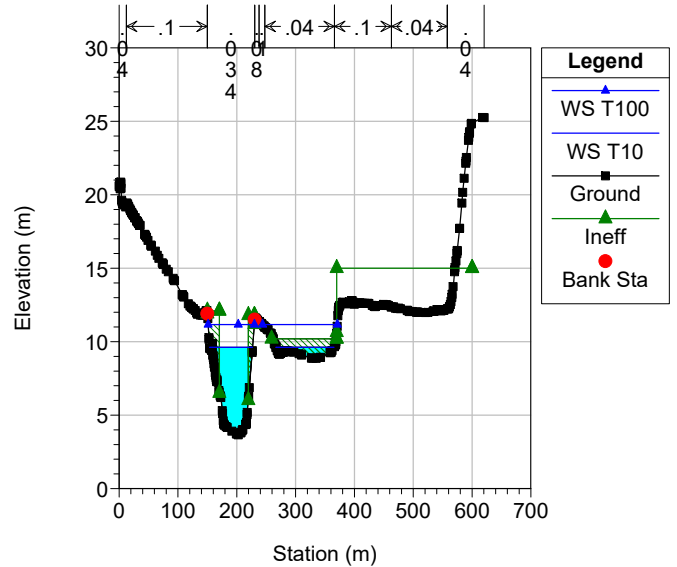
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13080.05



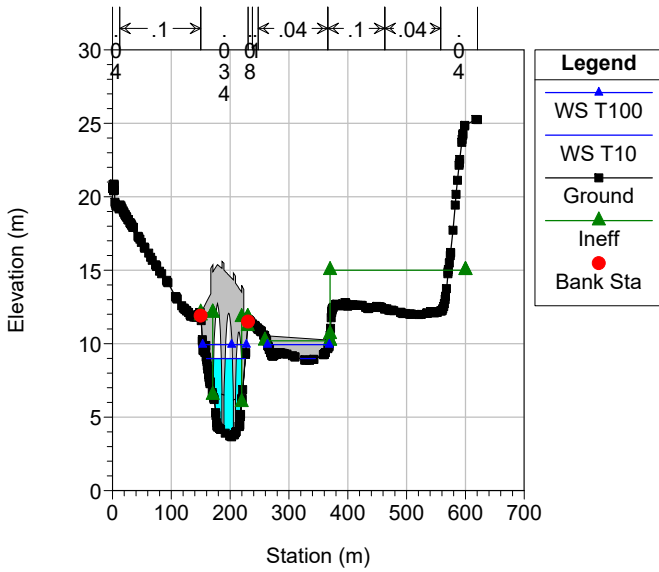
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13026.78



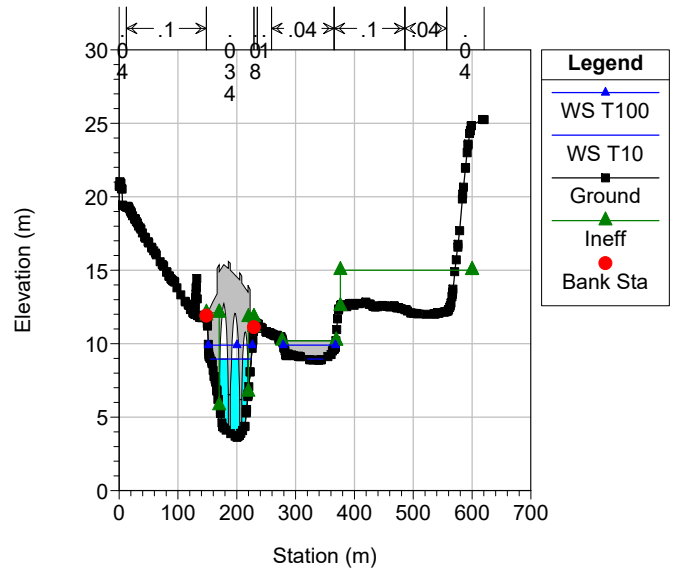
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12981.51



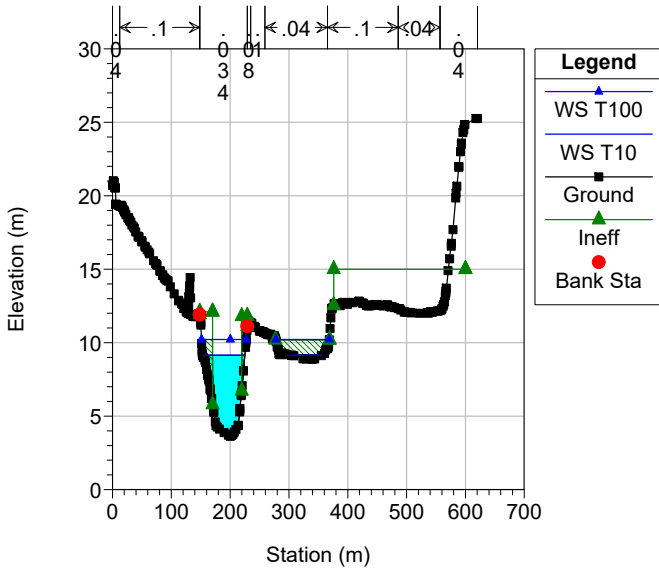
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12977.95 BR E110



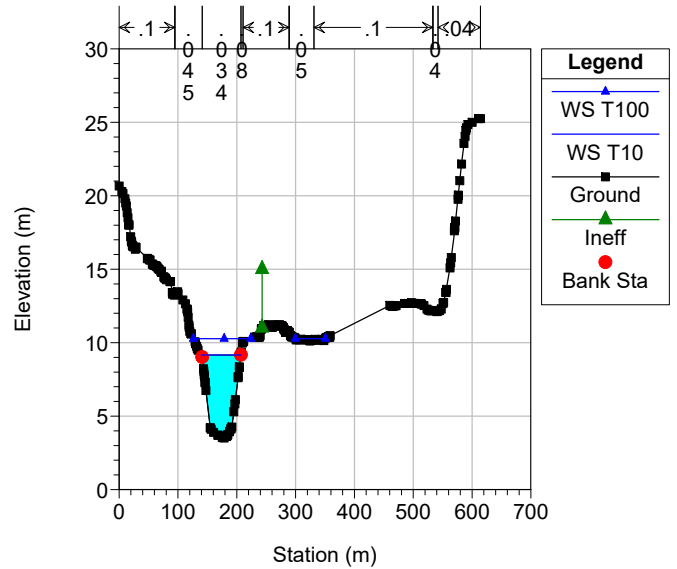
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12977.95 BR E110



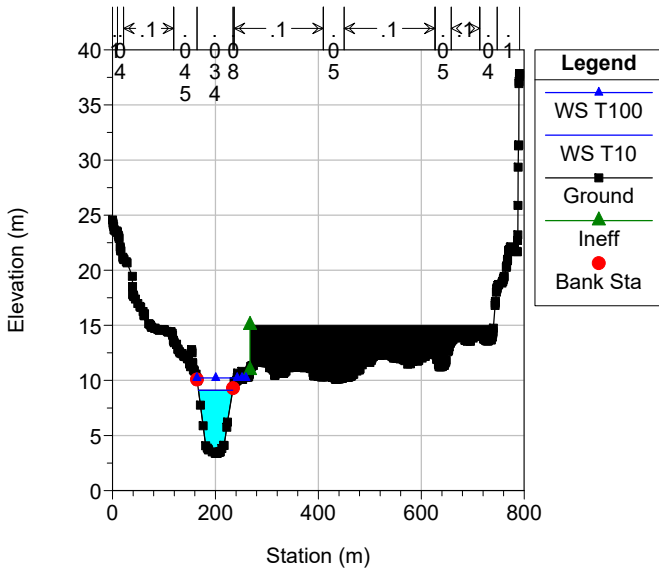
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12975.23



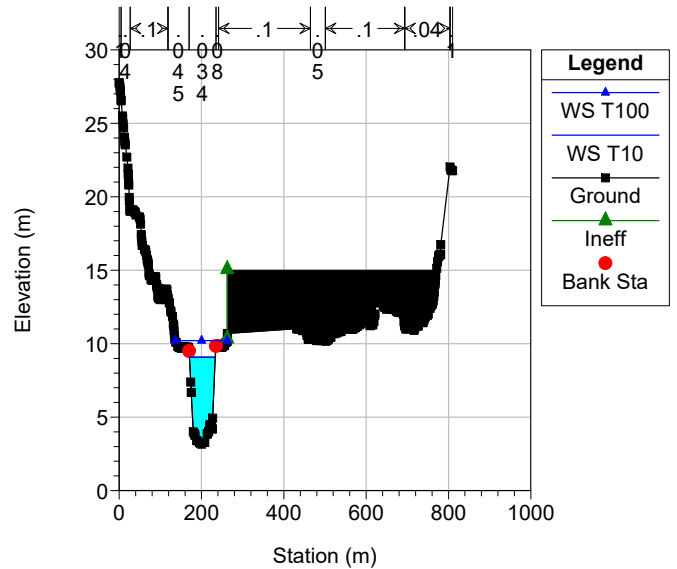
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12943.50



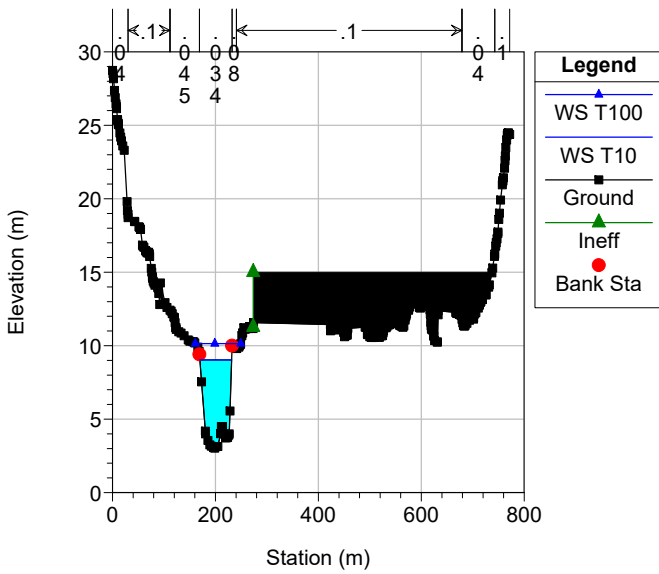
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12908.45



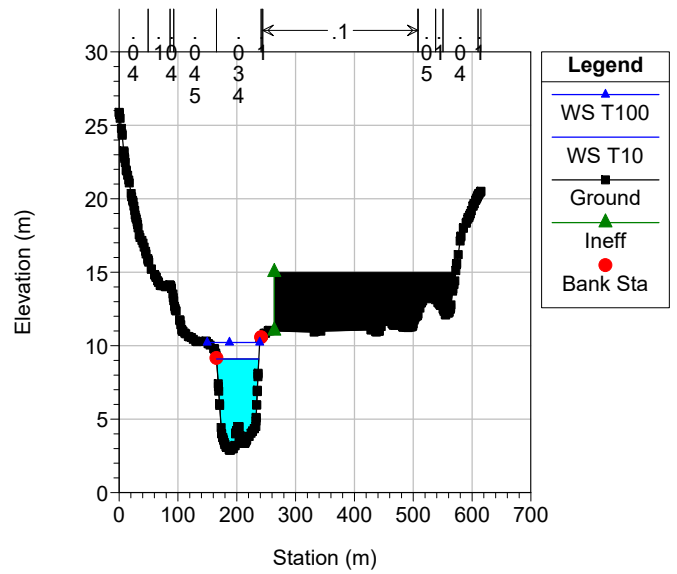
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12862.23



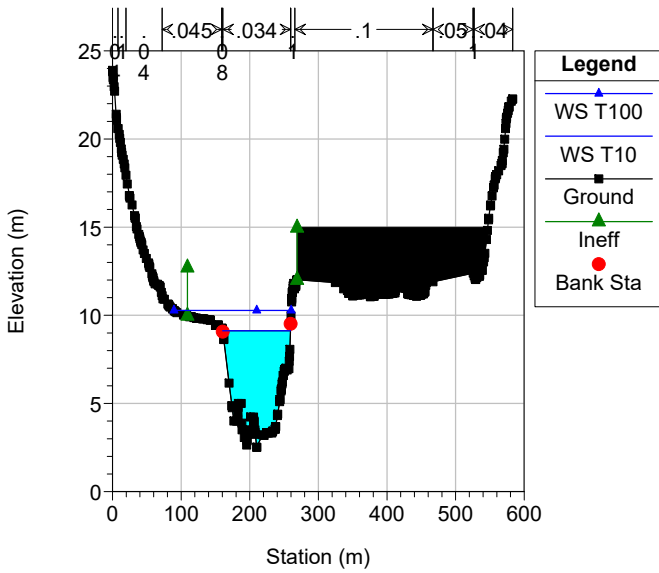
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12829.24



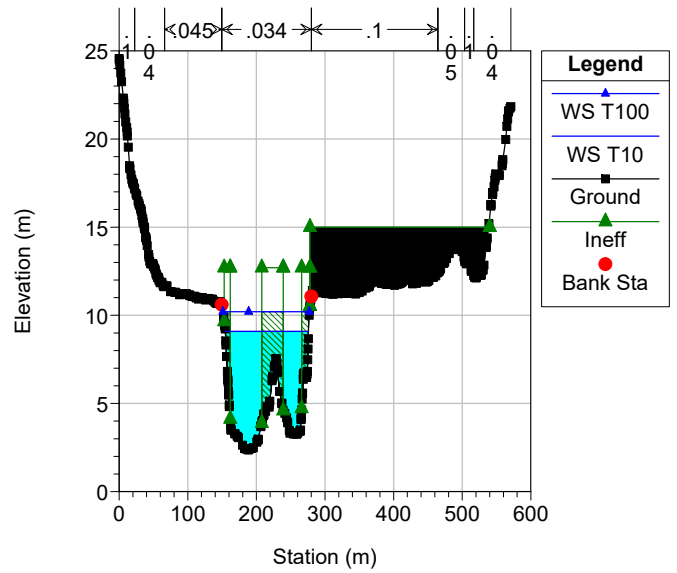
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12796.69



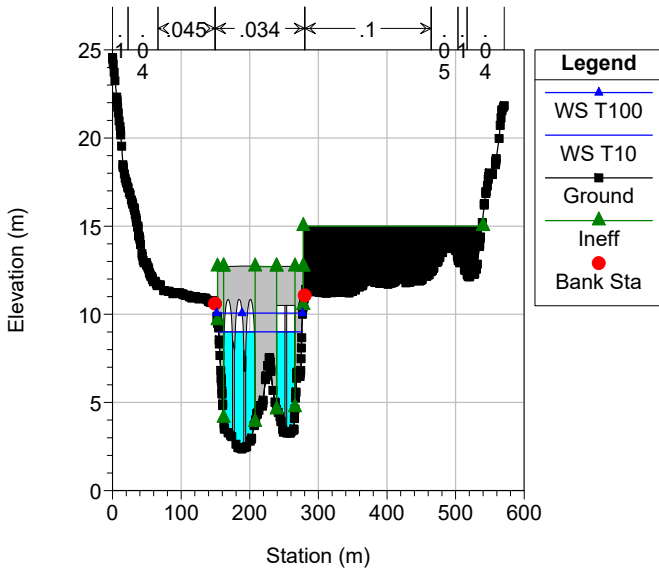
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12726.50



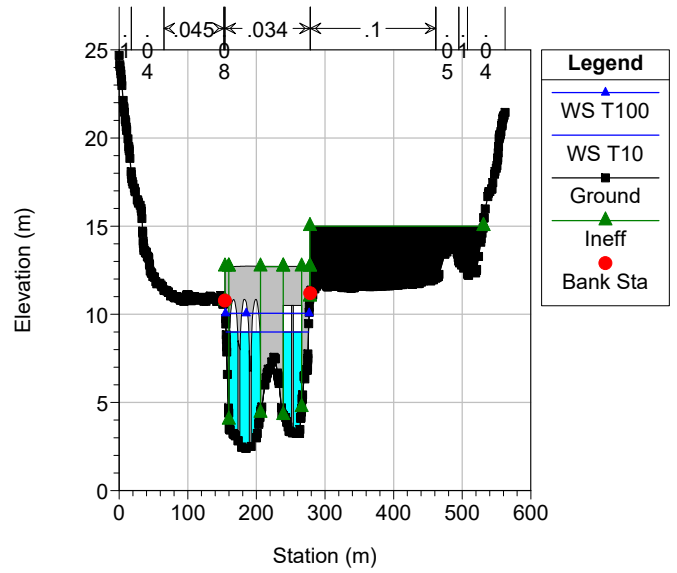
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12683.51



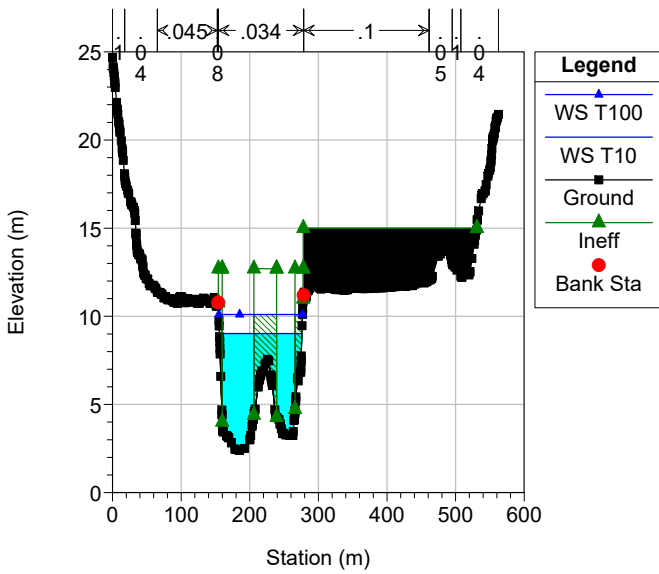
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12680 BR E111



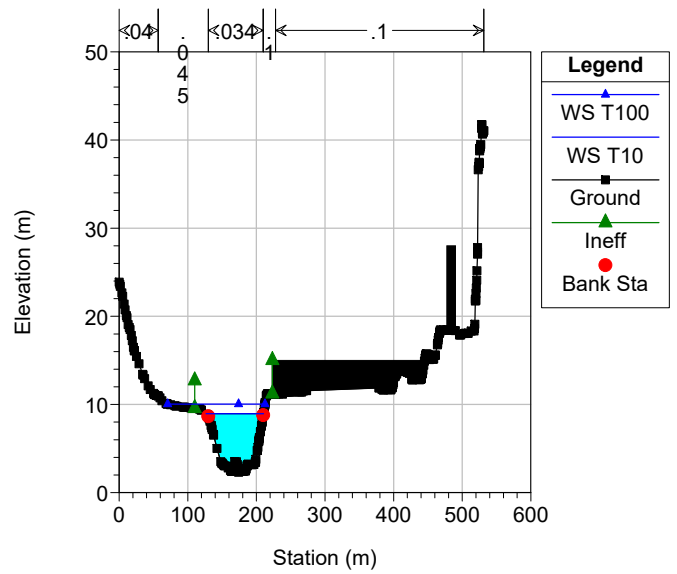
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12680 BR E111



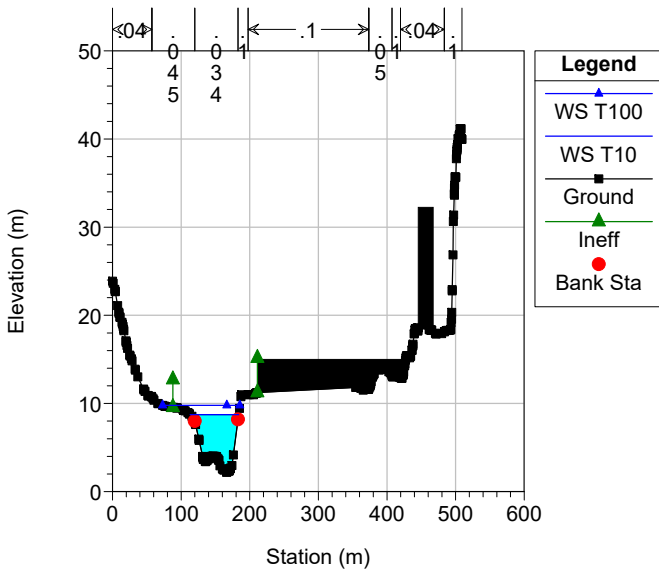
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12676.40



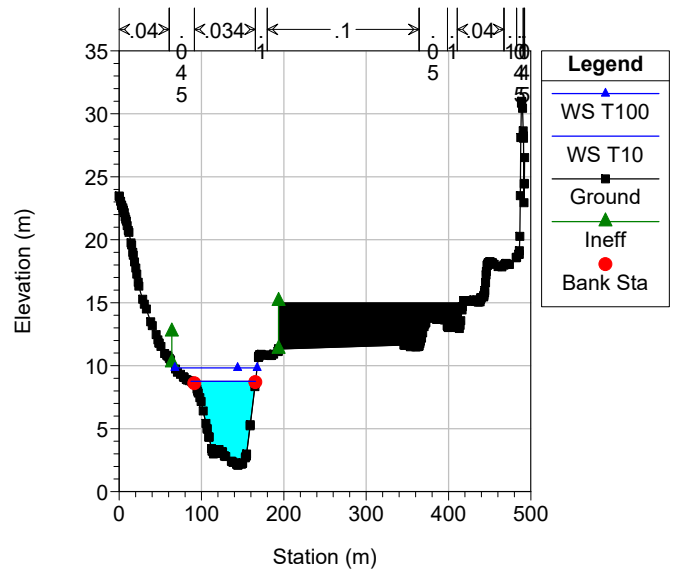
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12637.89



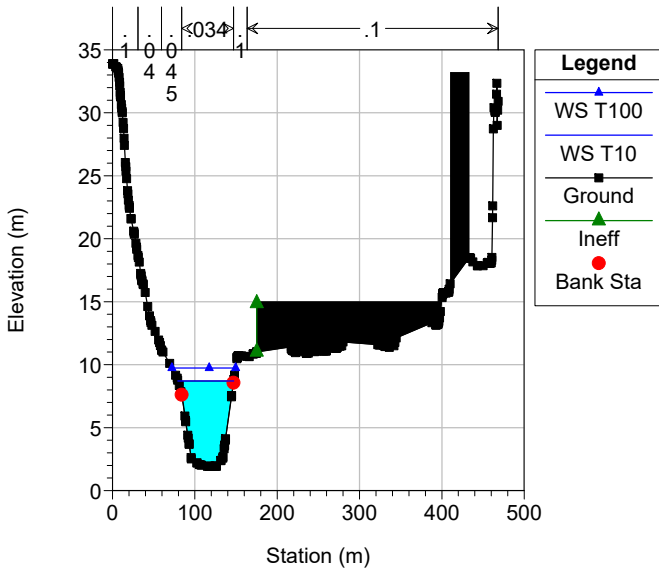
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12595.50



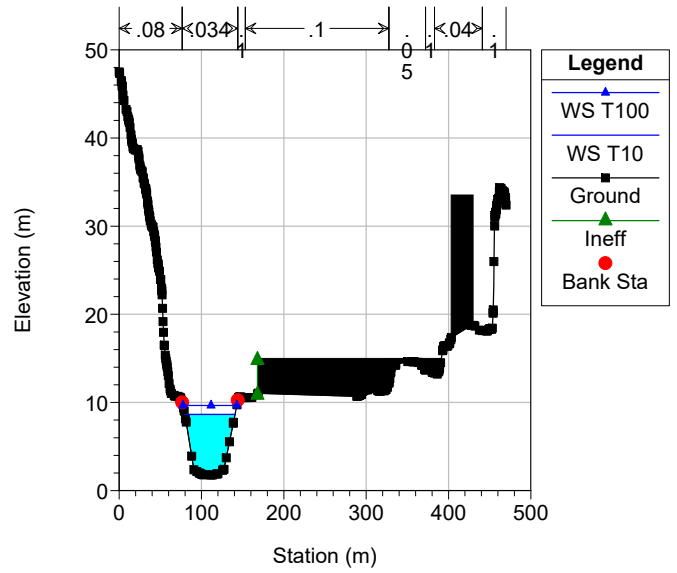
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12546.51



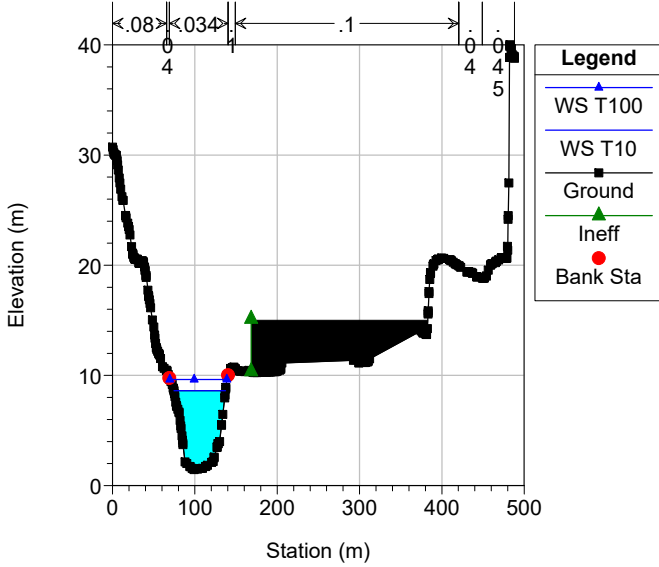
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12498.80



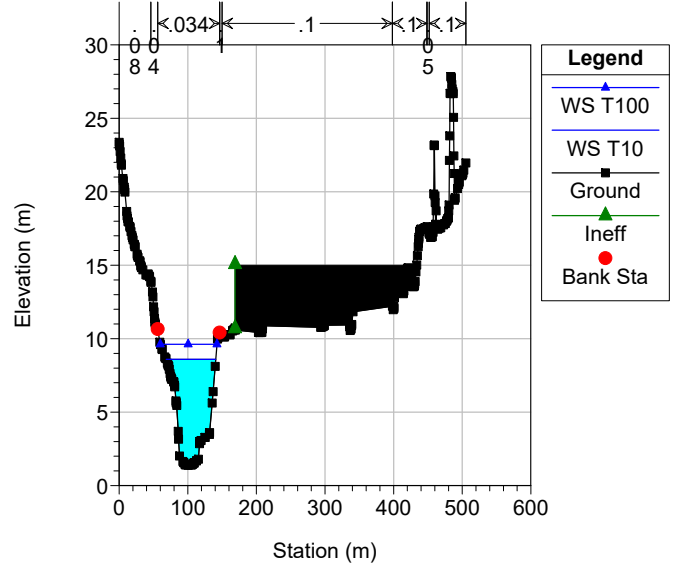
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12462.68



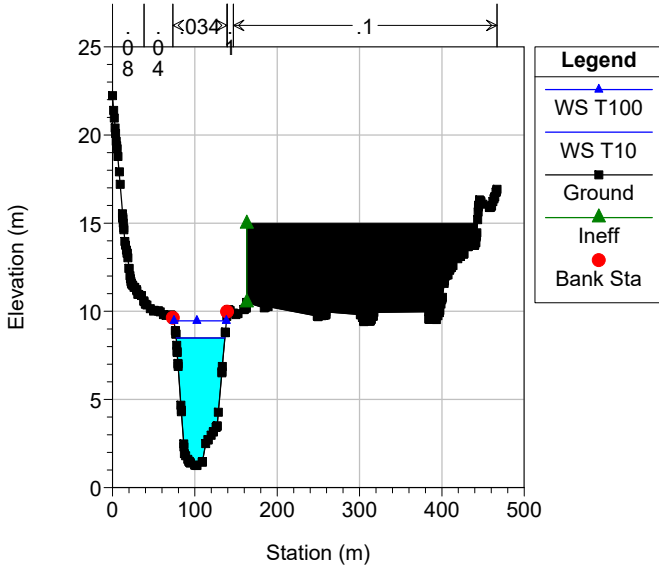
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12412.34



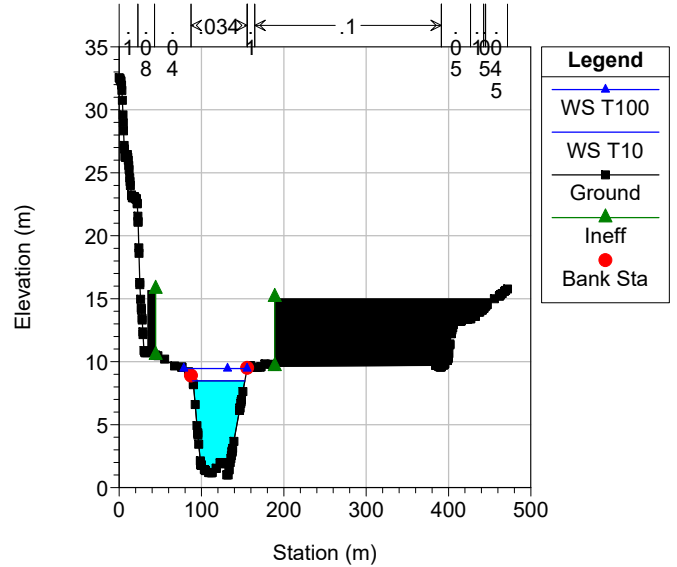
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12362.30



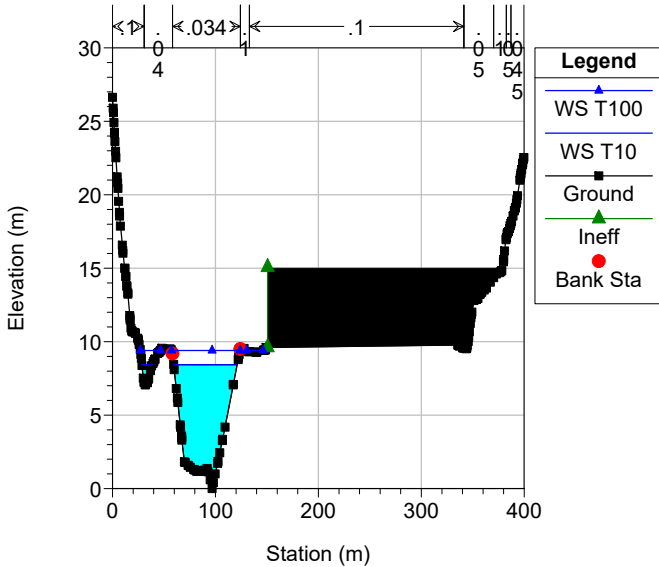
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12320.09



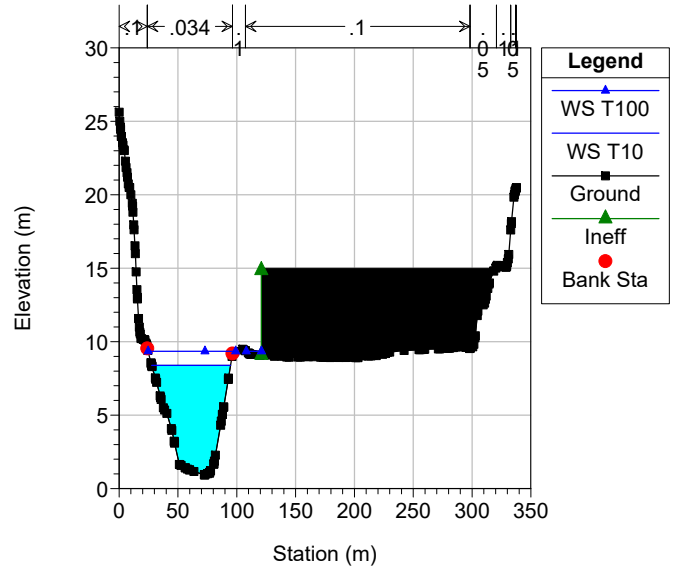
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12269.80



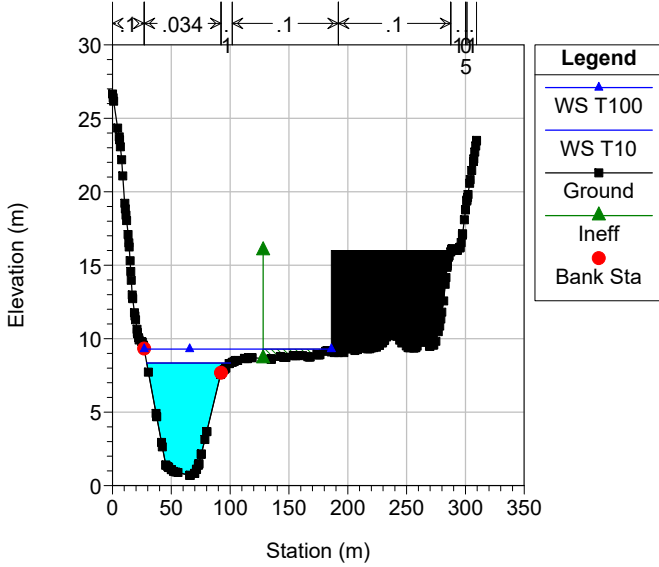
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12214.37



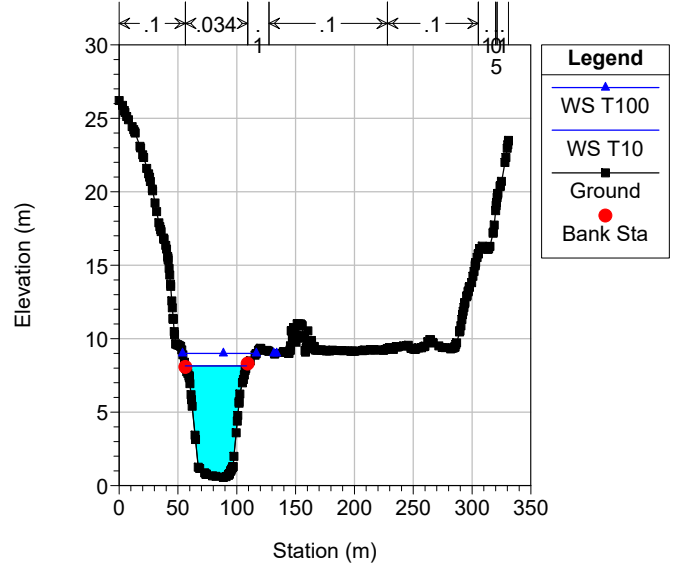
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12156.64



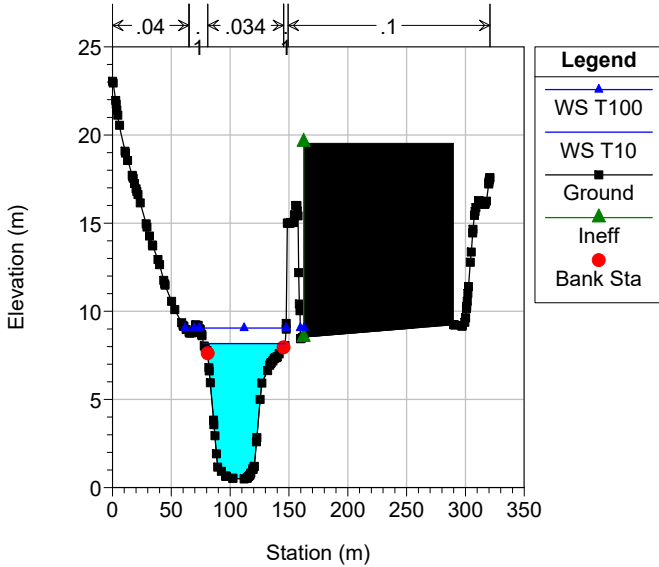
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12101.79



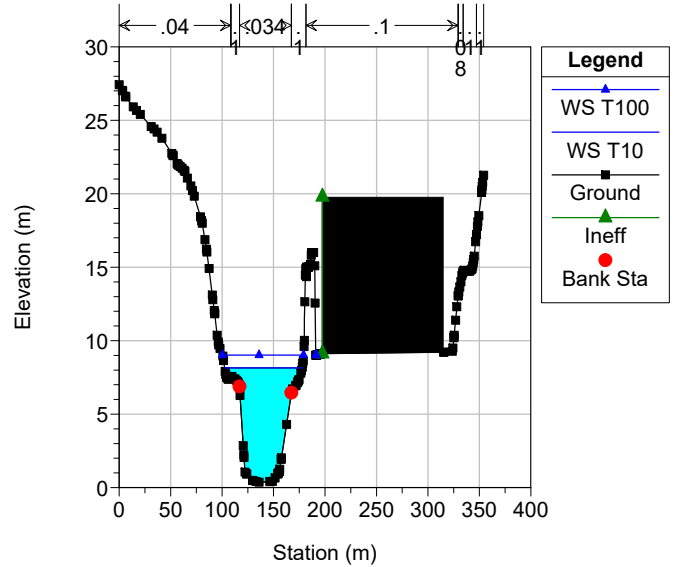
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12046.41



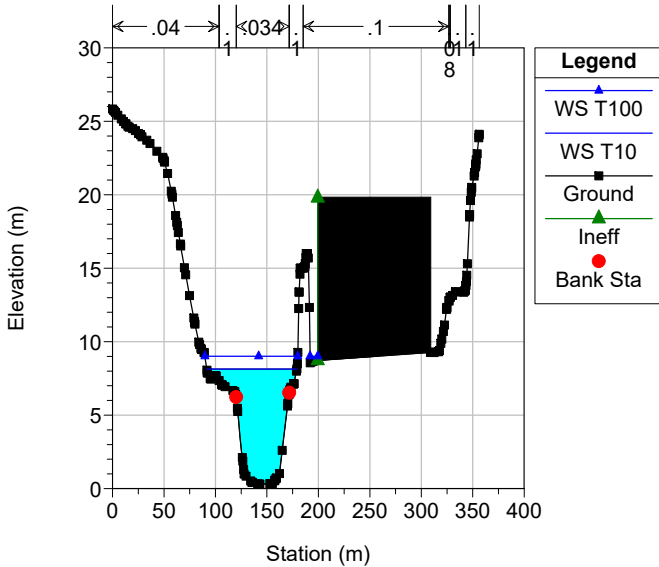
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
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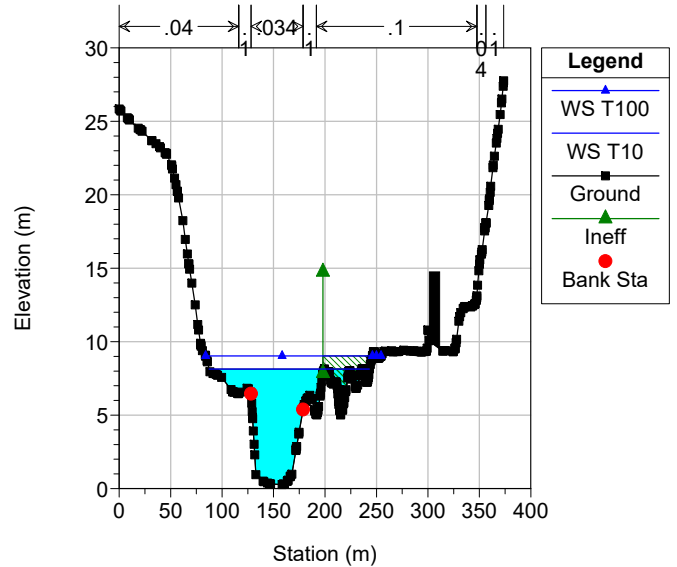
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11956.06



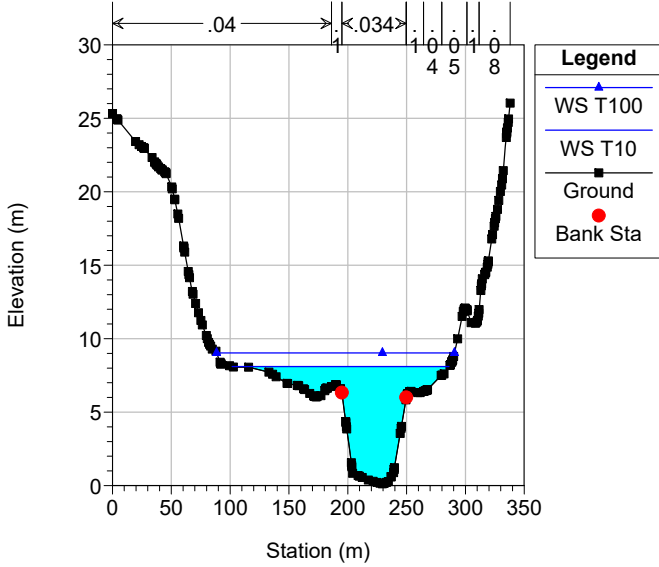
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11905.86



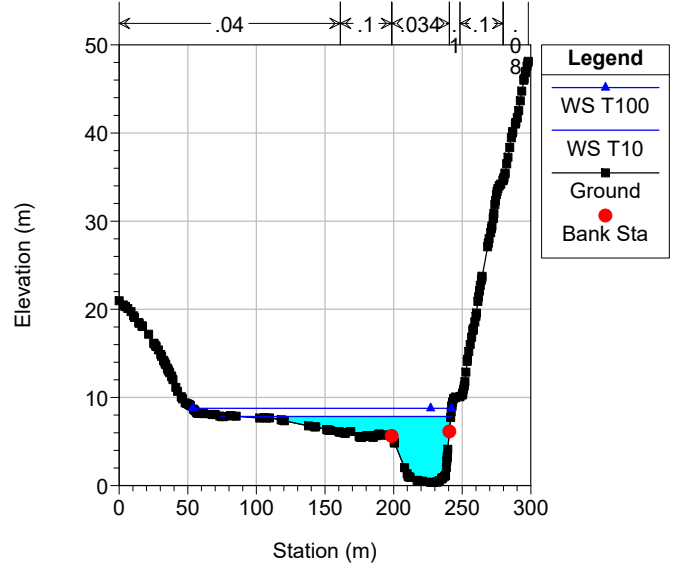
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11864.21



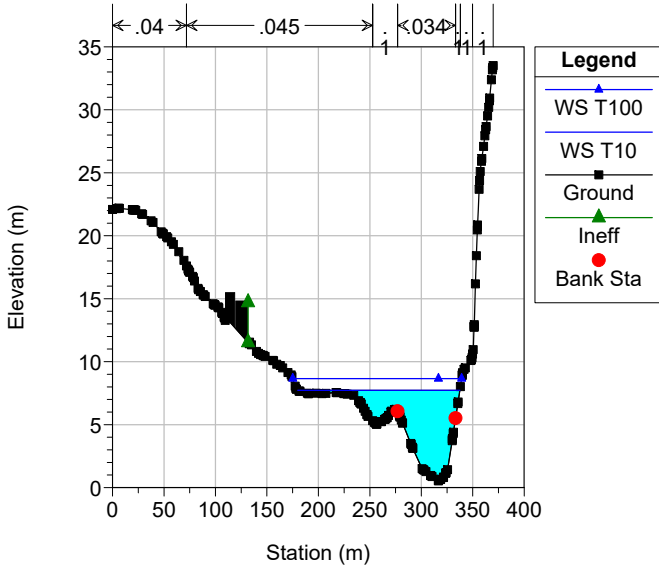
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11729.66



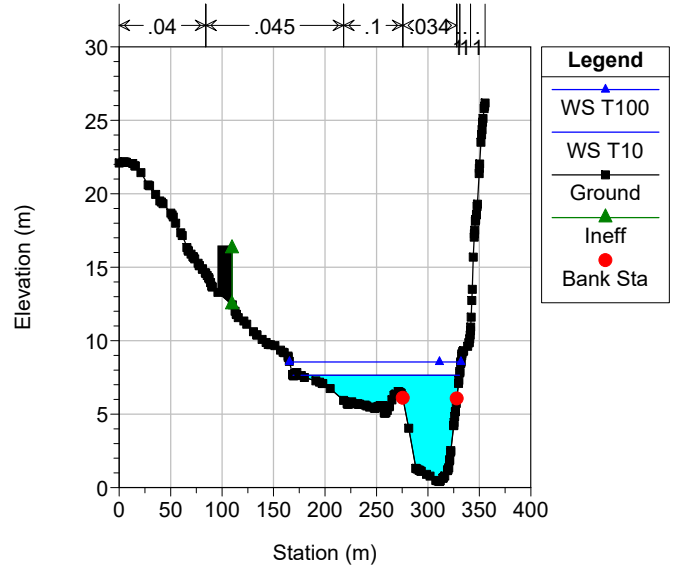
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11601.53



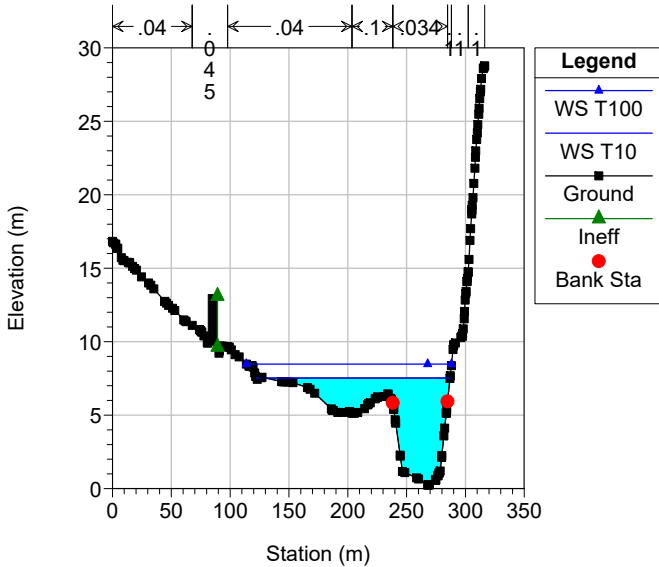
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11446.61



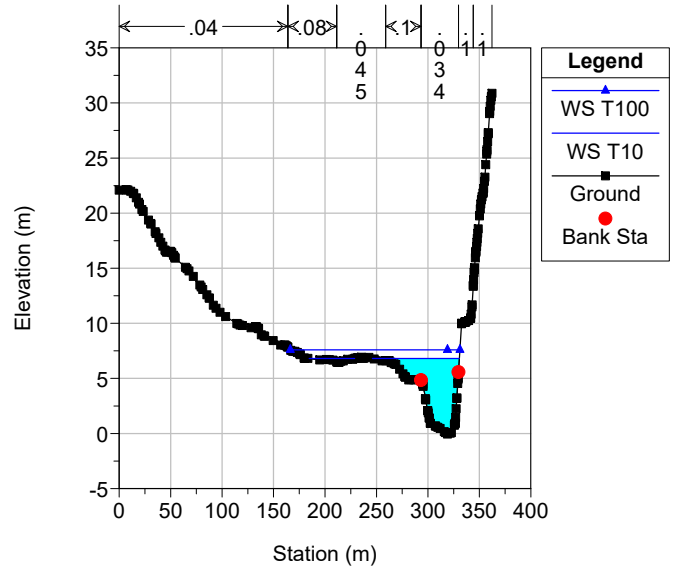
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11322.82



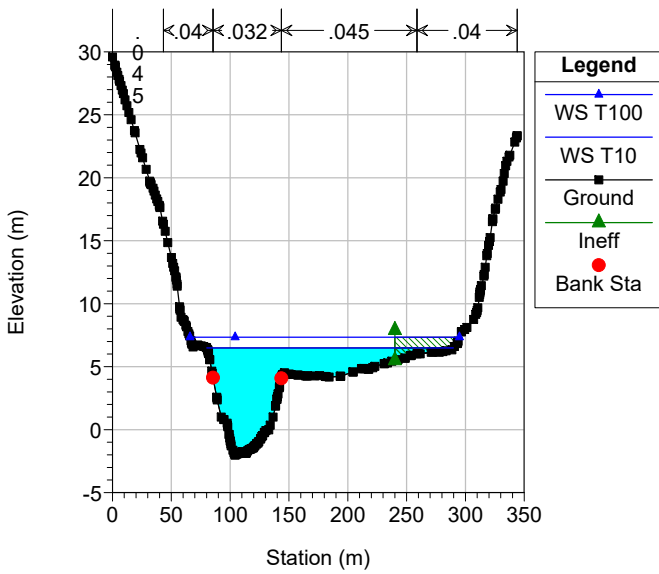
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11211.57



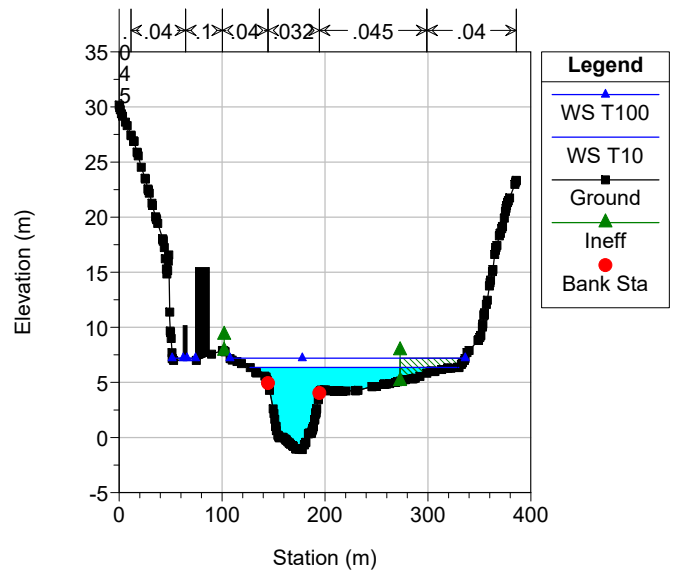
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11039.79



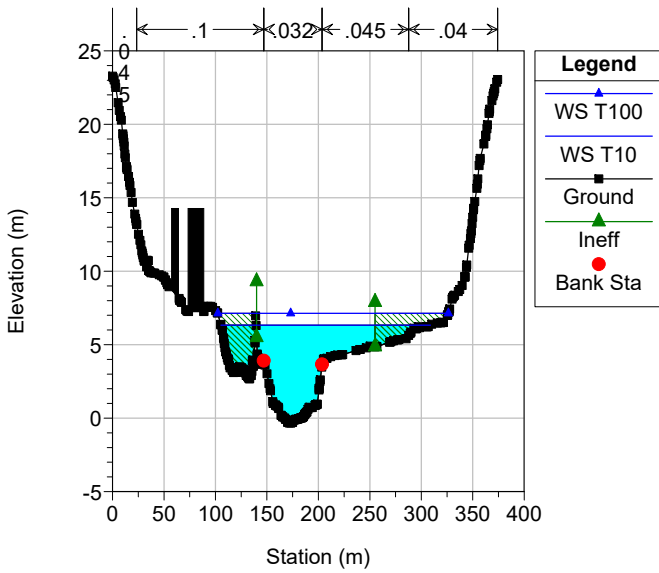
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10168.20



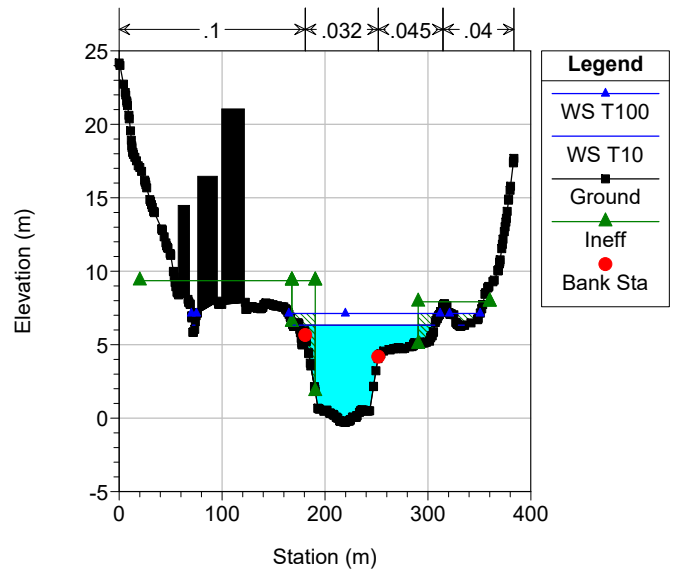
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10120.72



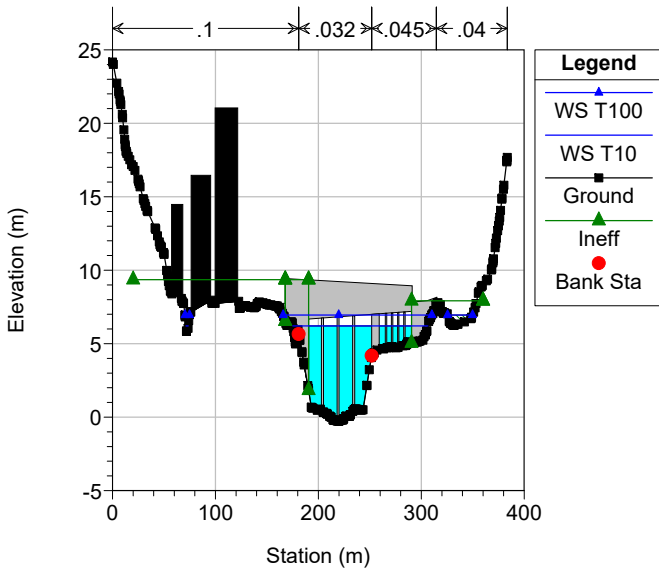
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10084.20



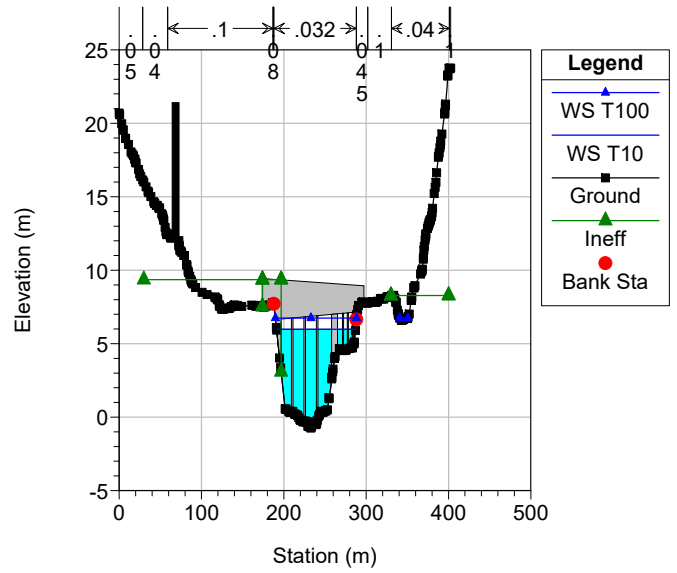
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10052.30



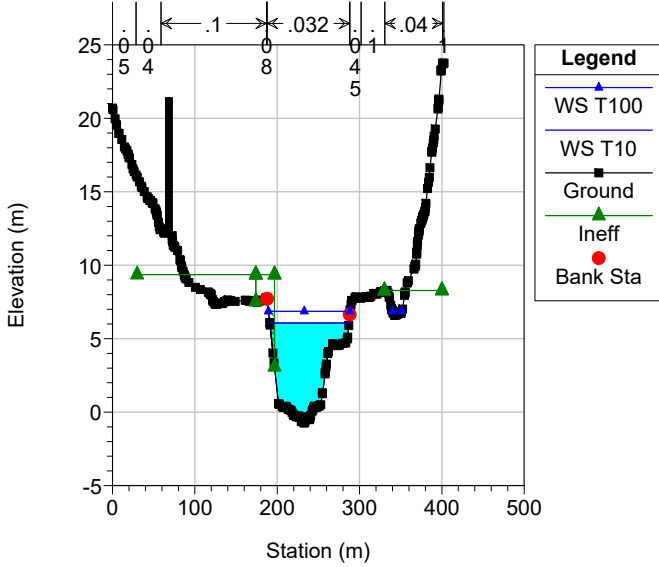
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10048.87 BR E112



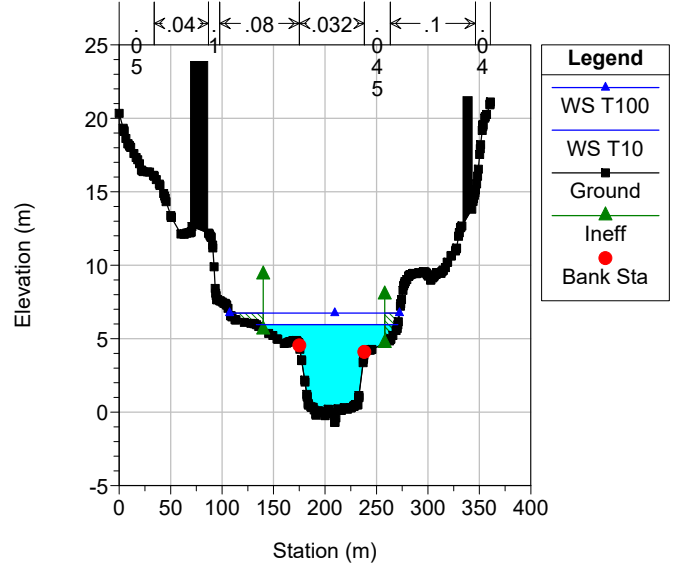
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 10048.87 BR E112



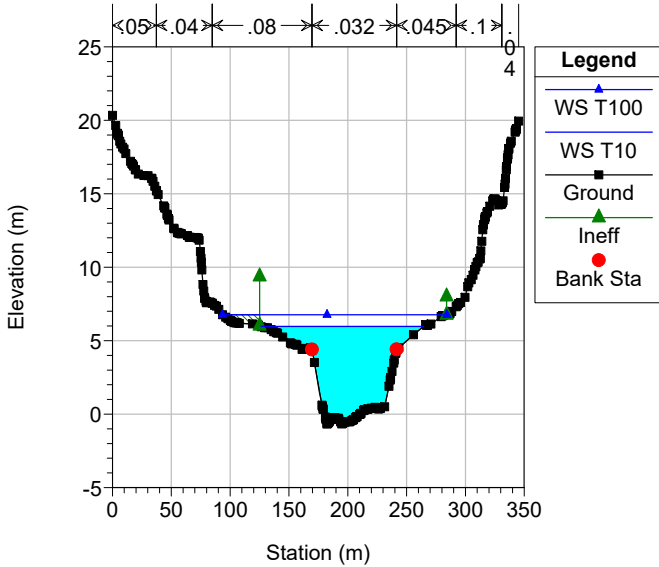
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
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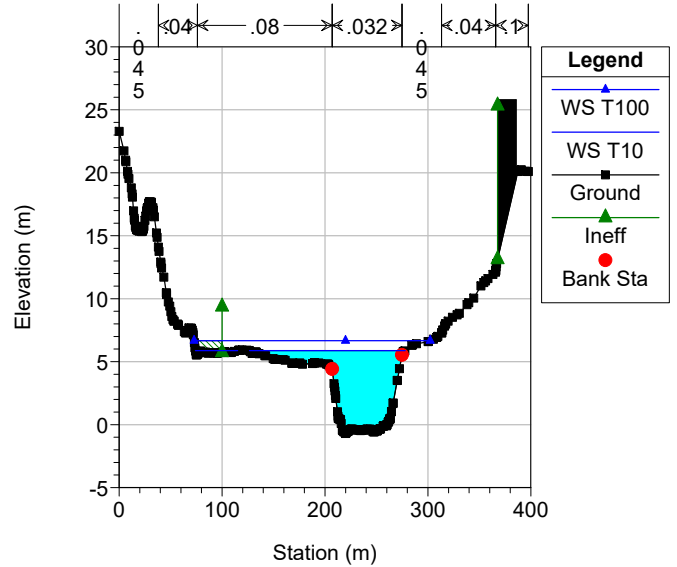
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
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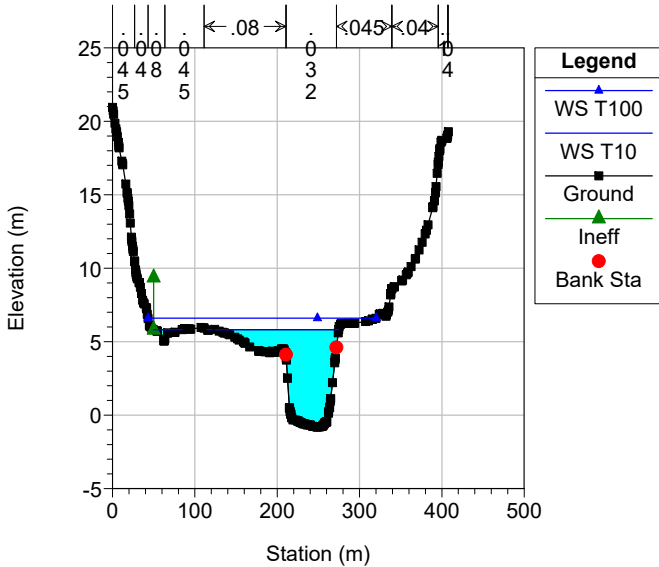
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
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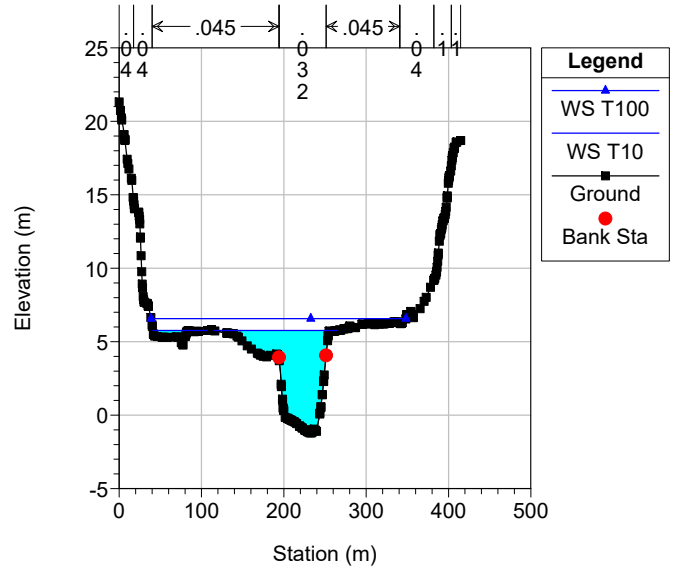
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9843.386



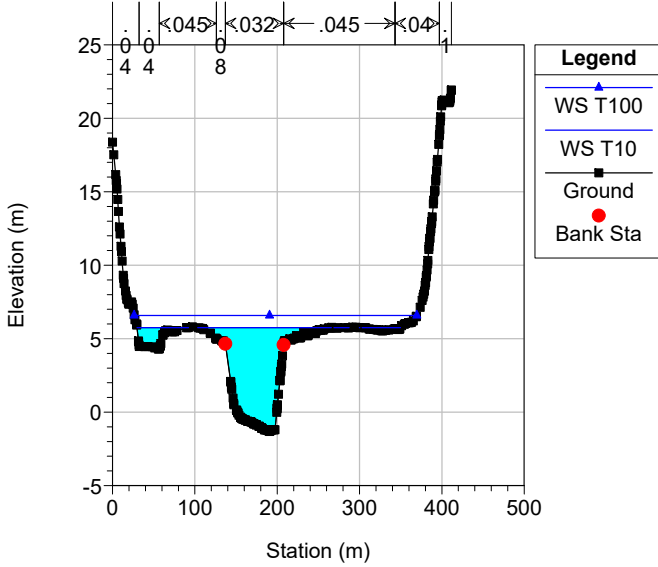
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9748.673



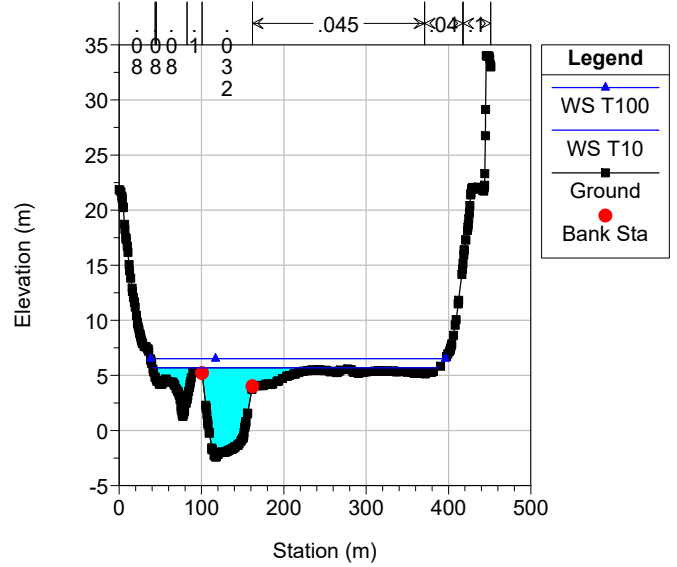
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9660.880



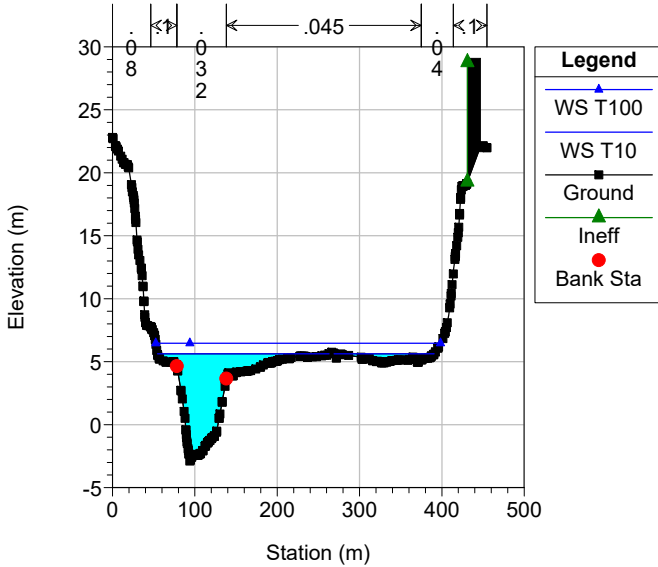
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9541.047



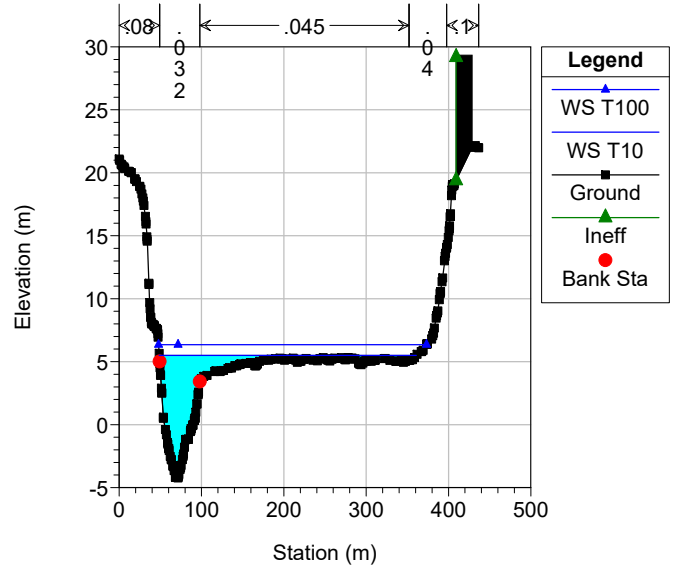
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9379.213



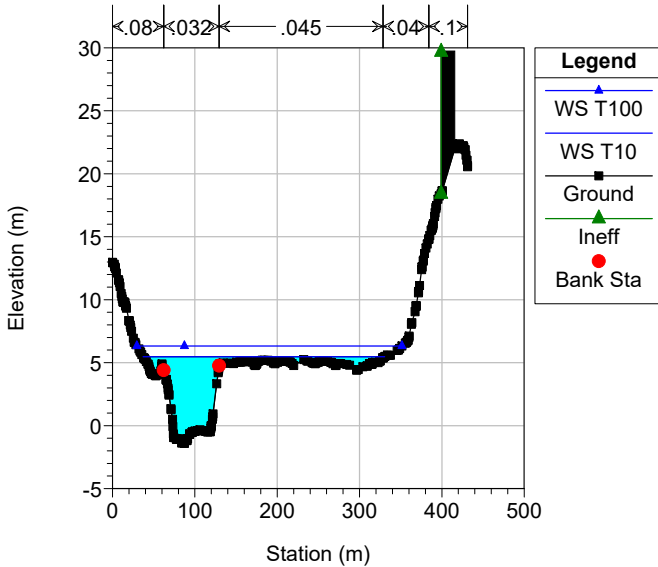
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9304.015



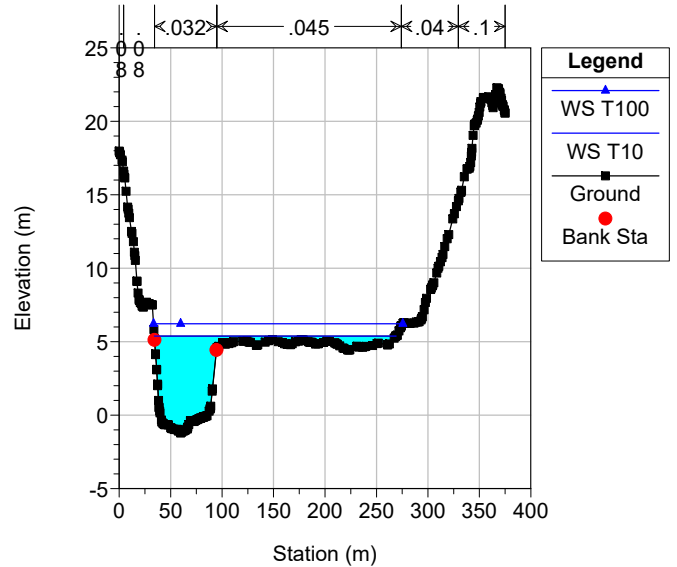
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9180.456



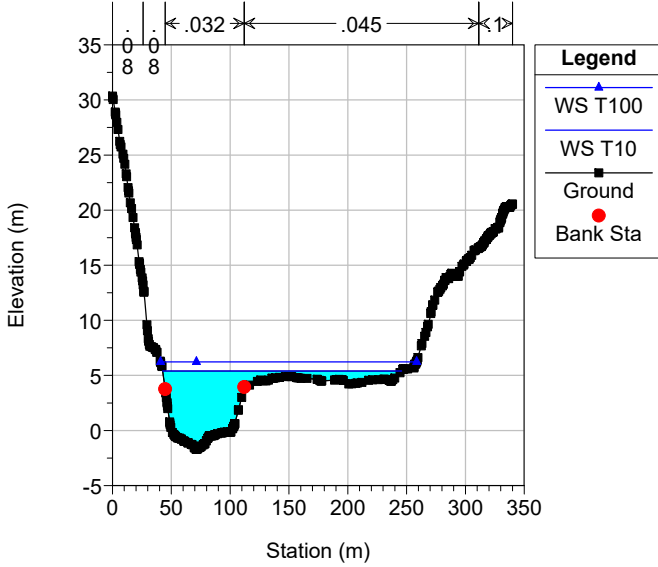
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9082.134



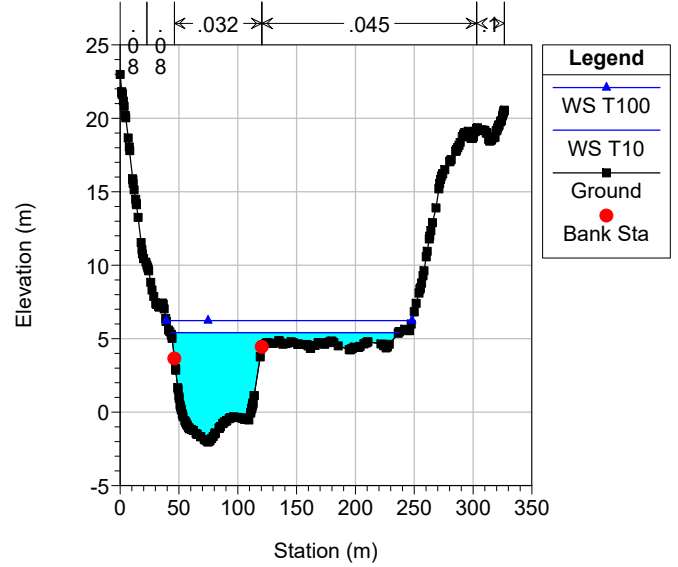
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9037.875



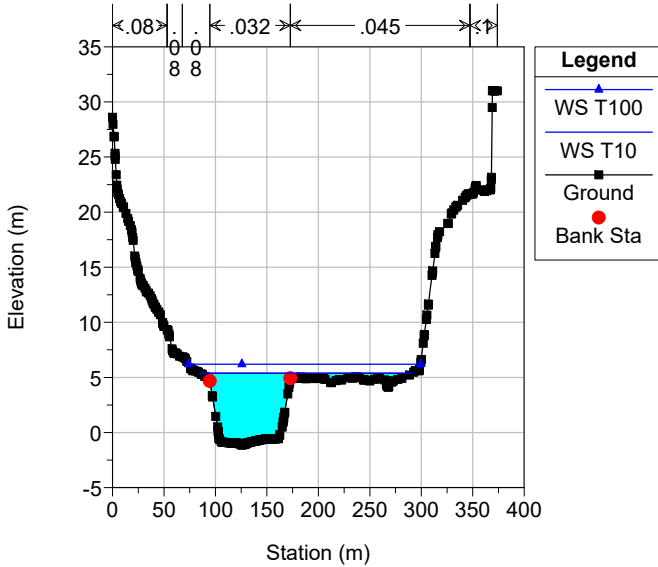
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8965.871



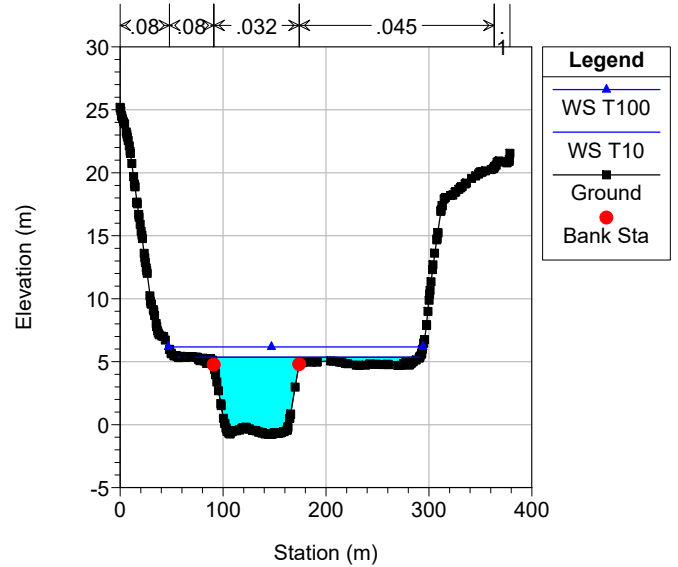
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8924.898



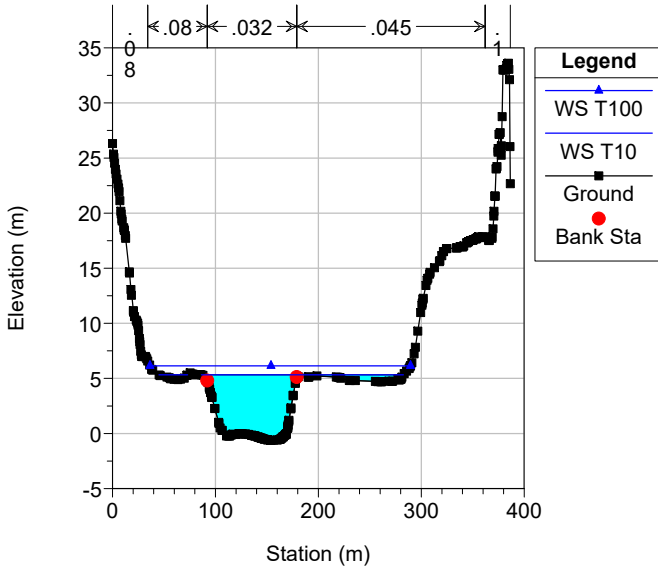
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8858.508



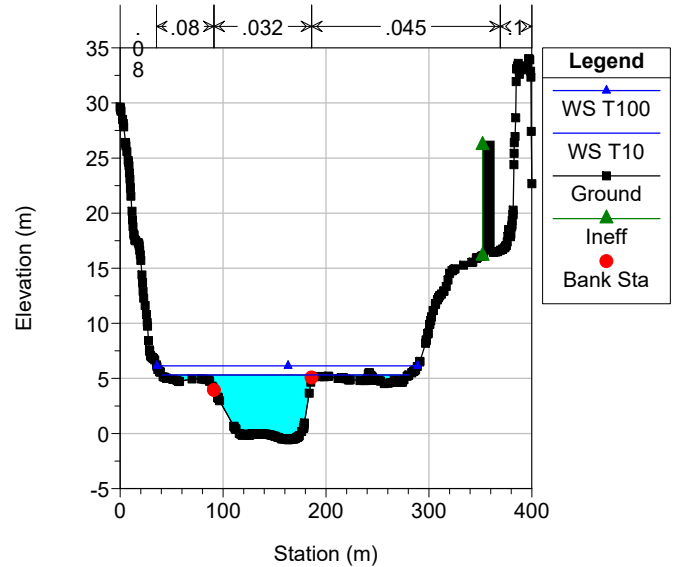
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8808.497



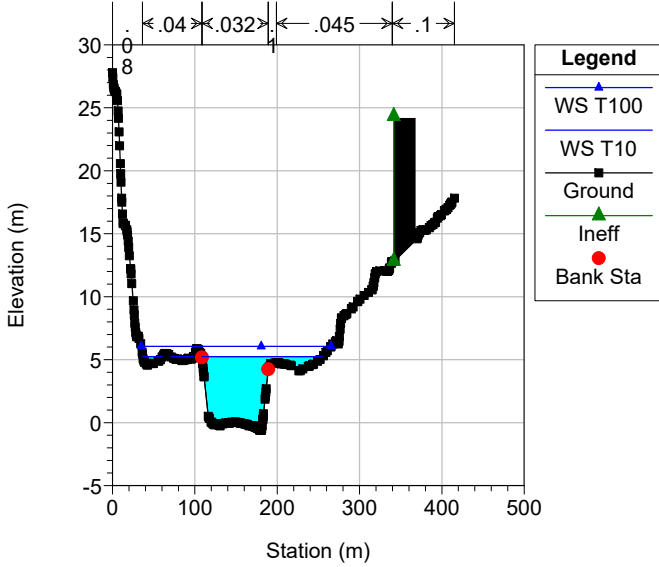
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8757.154



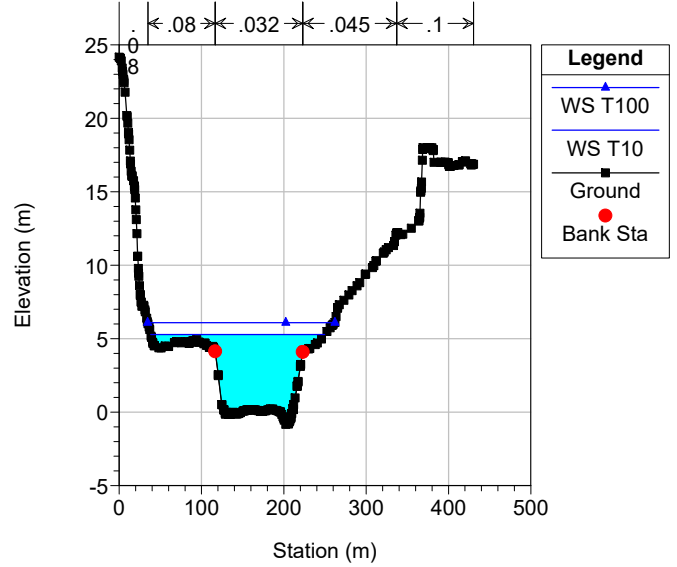
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8705.003



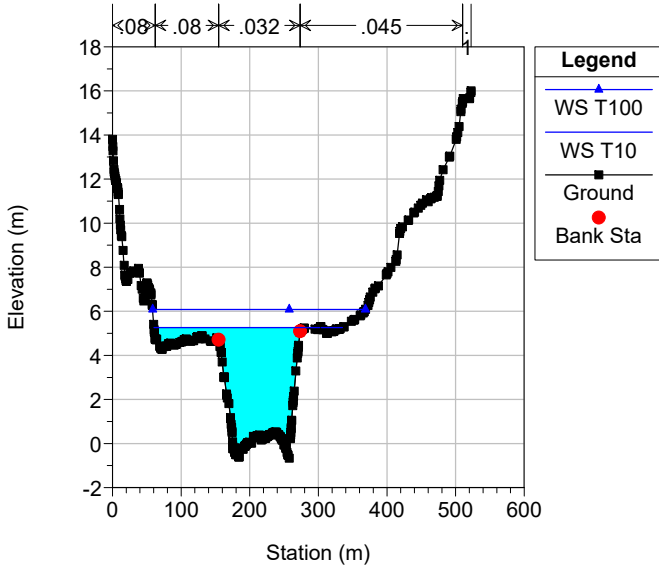
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8654.991



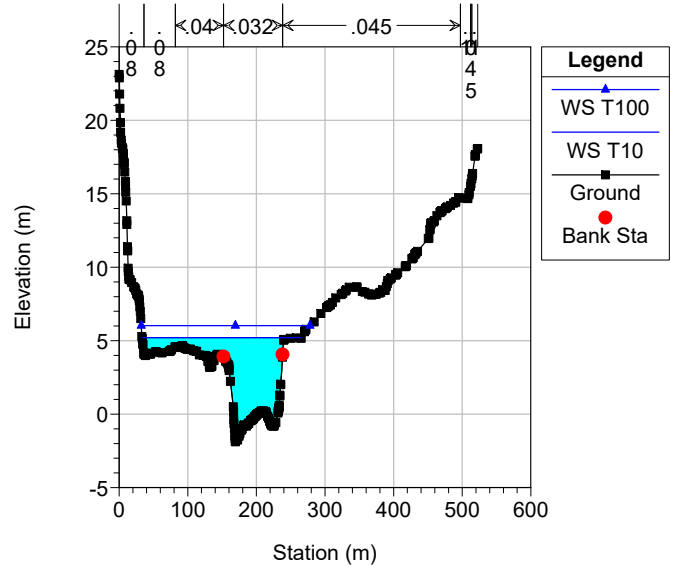
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8604.684



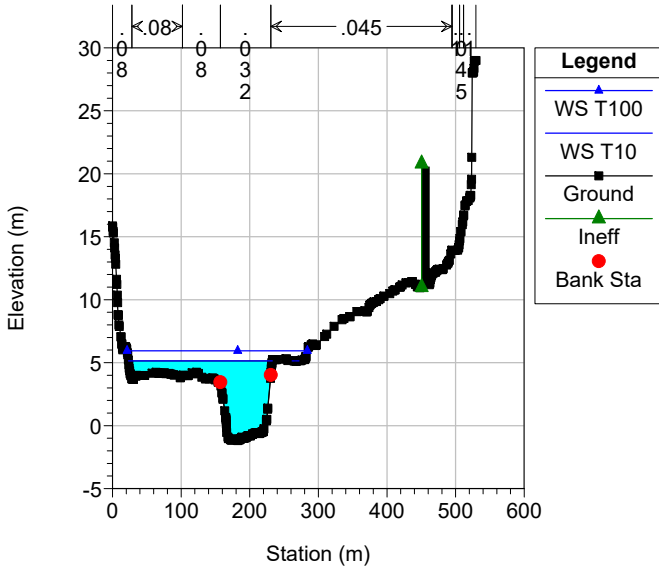
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8540.668



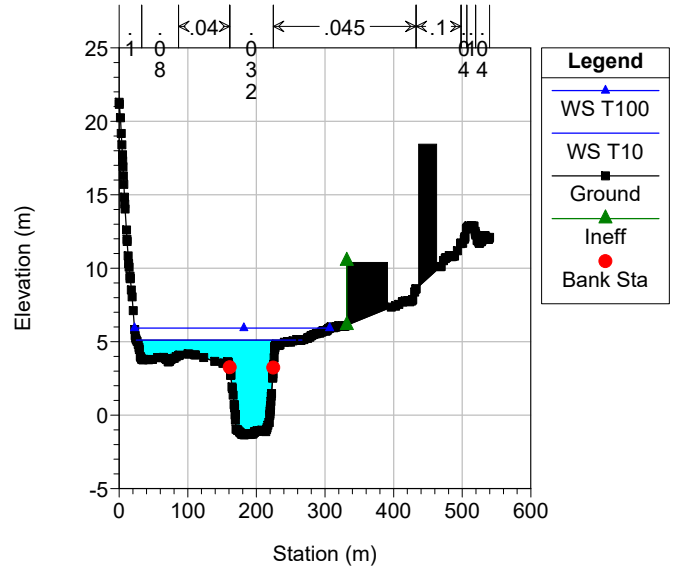
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8487.078



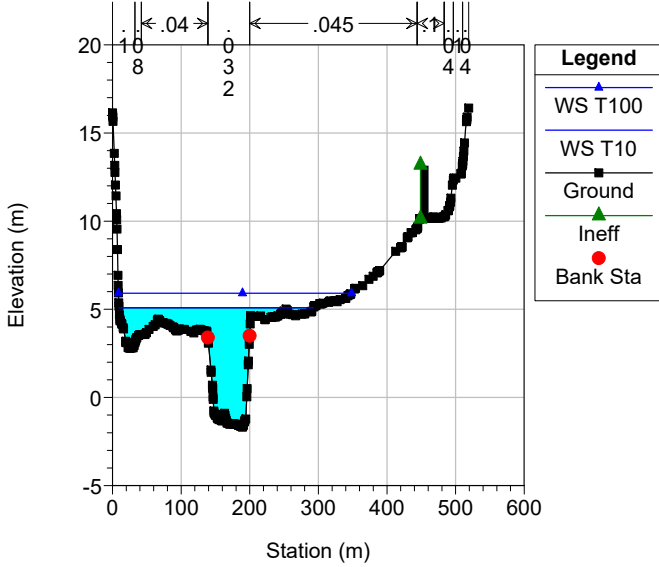
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8424.546



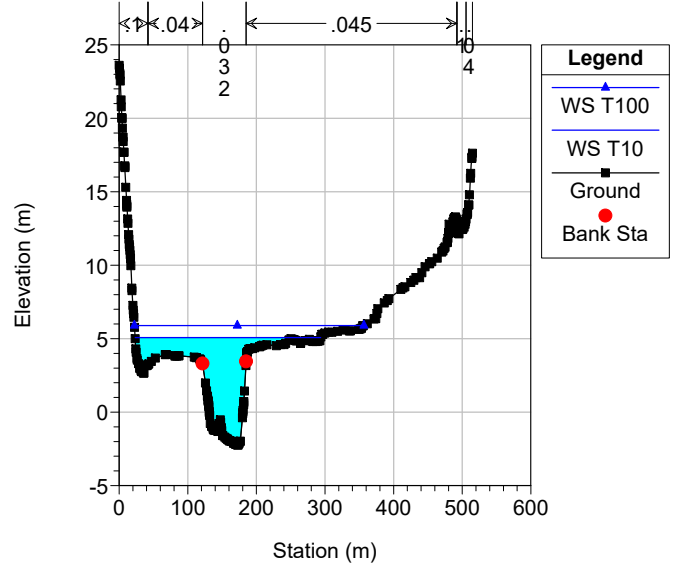
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8374.402



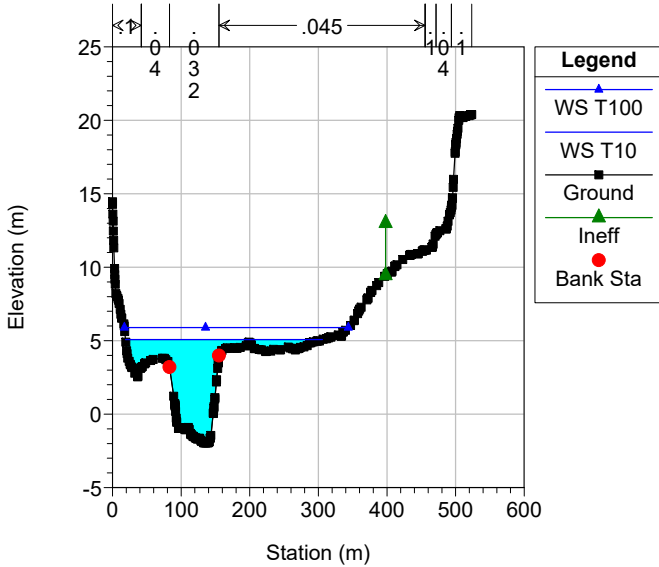
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8323.970



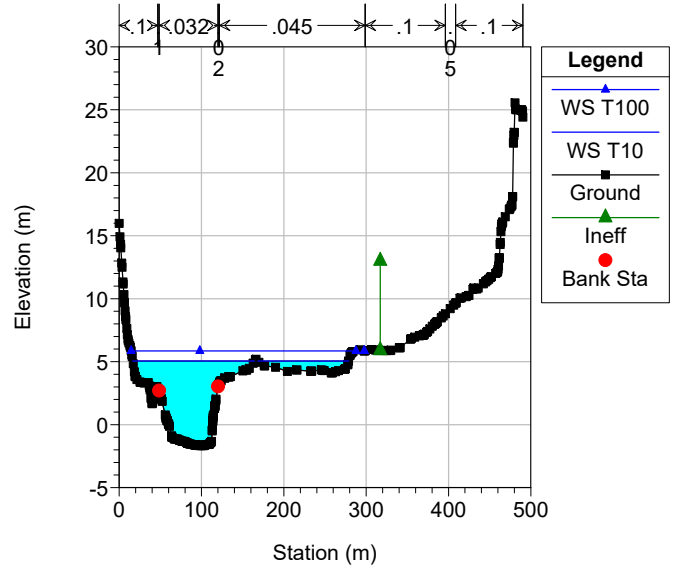
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8273.310



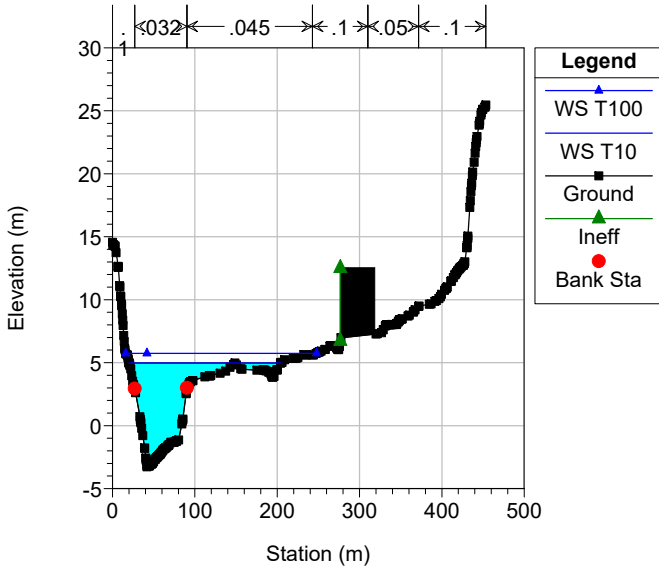
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8222.697



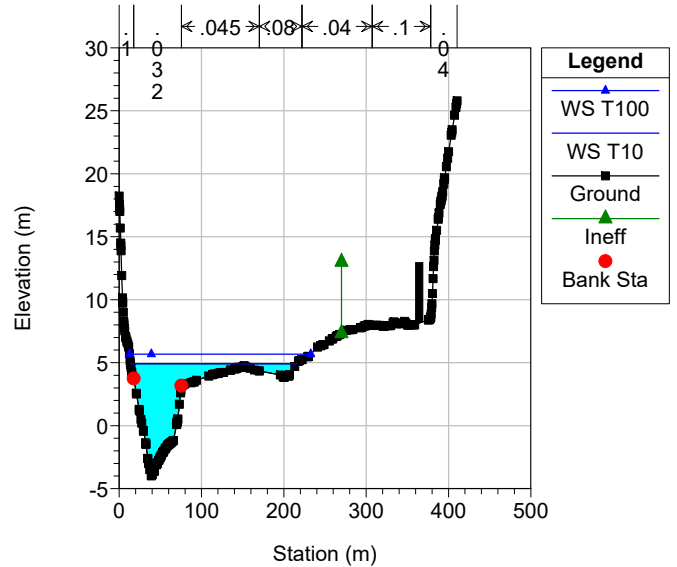
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8172.645



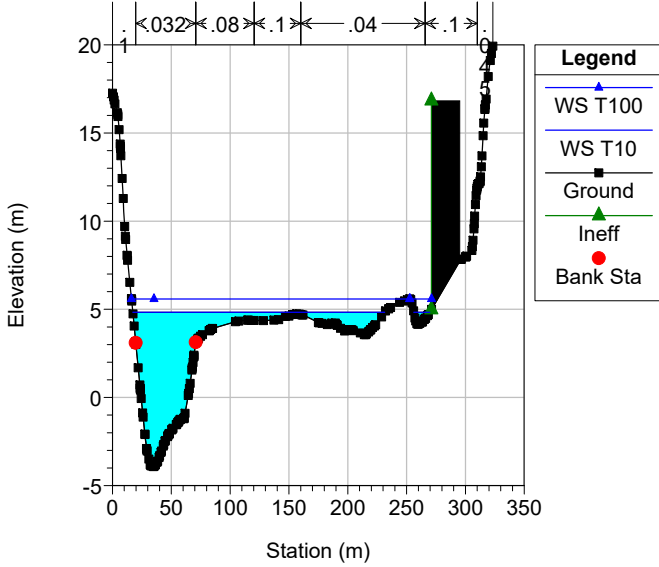
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8101.262



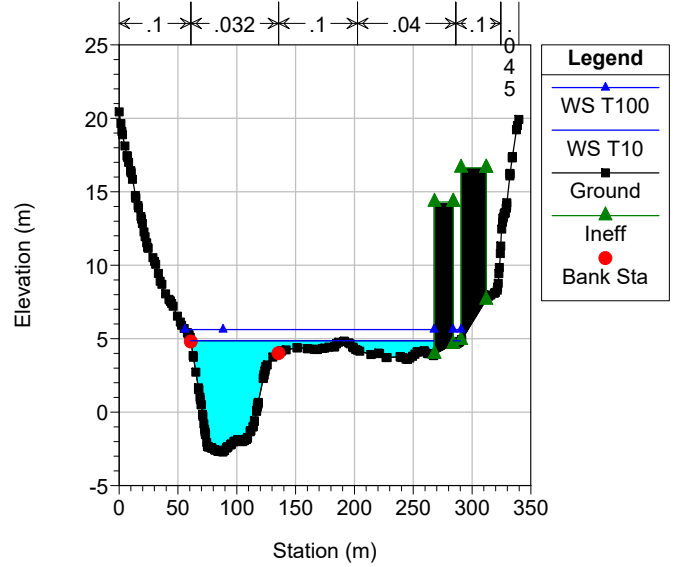
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8063.975



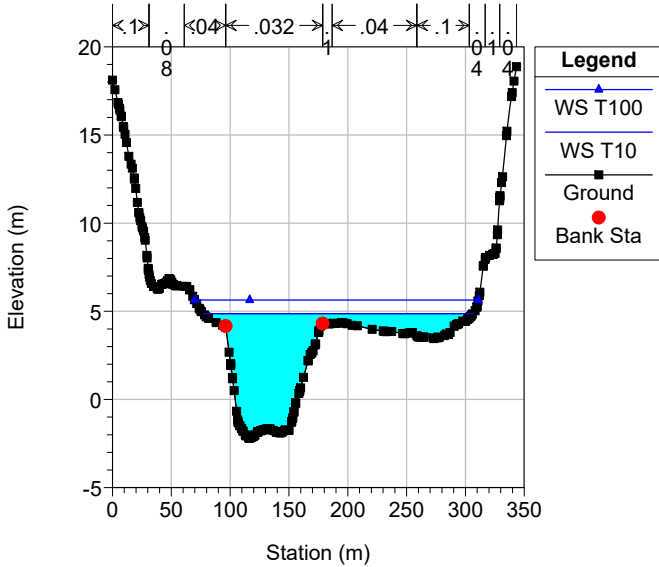
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8008.937



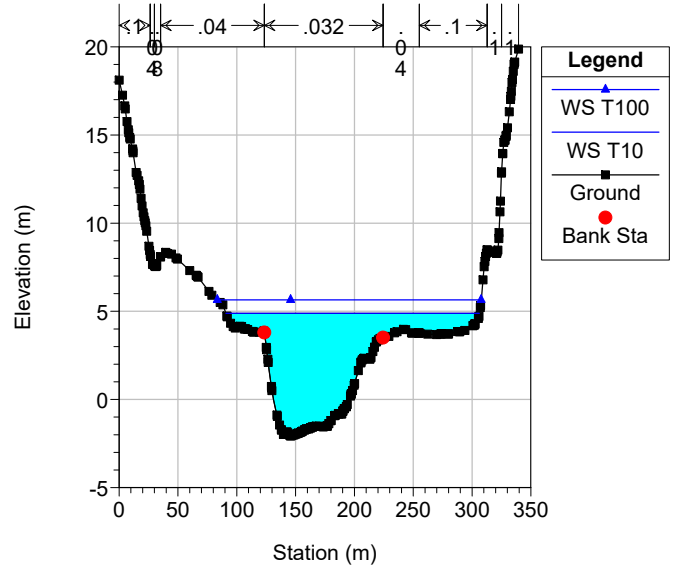
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7952.676



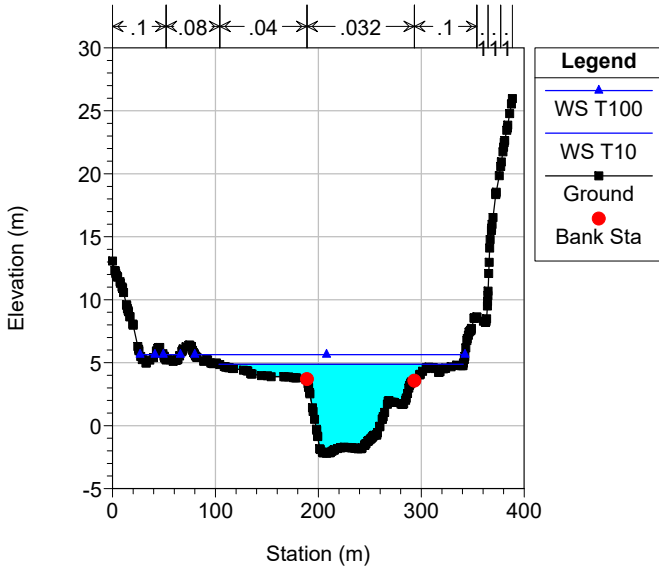
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7903.640



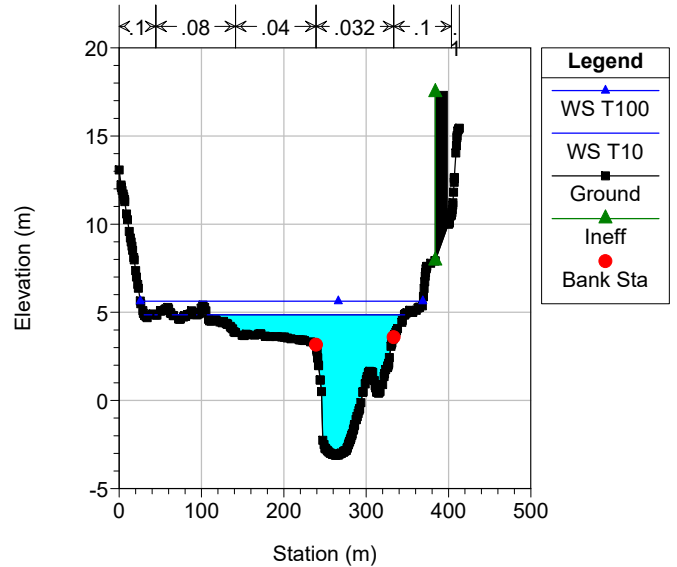
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7847.759



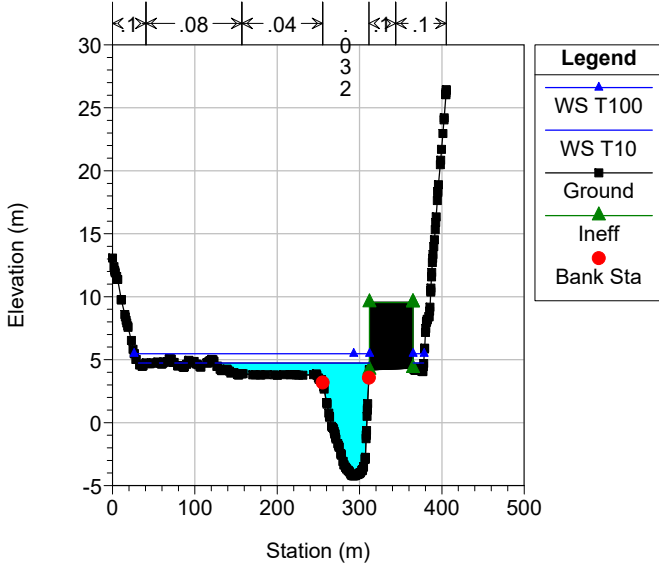
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7801.729



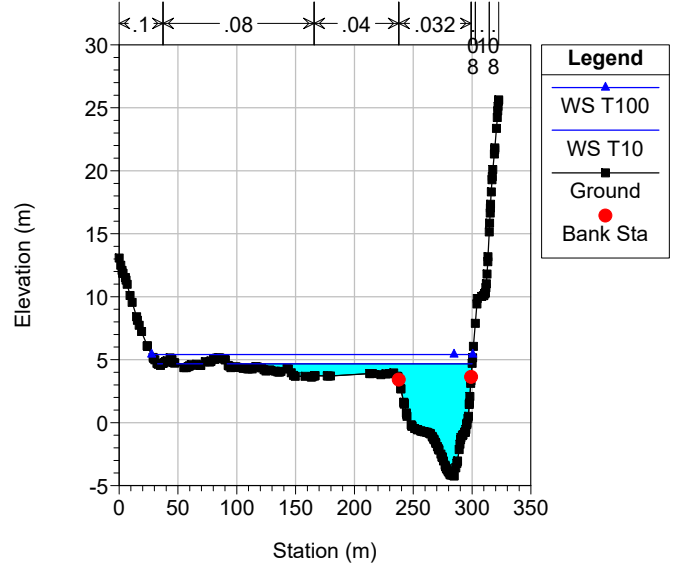
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7741.837



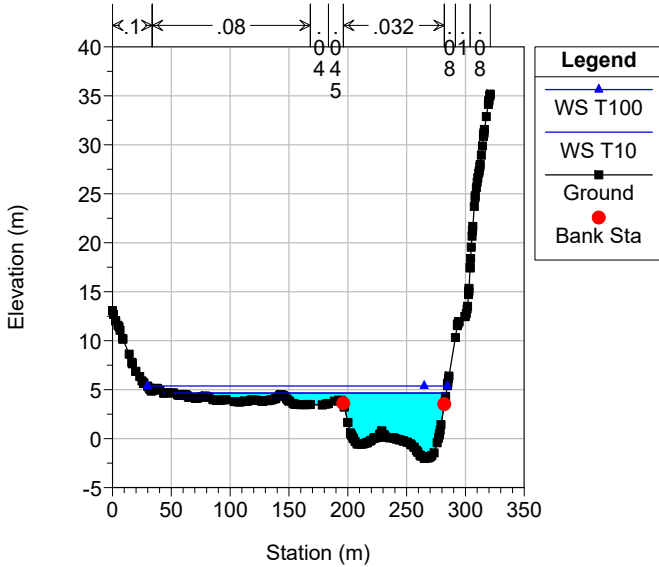
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7673.066



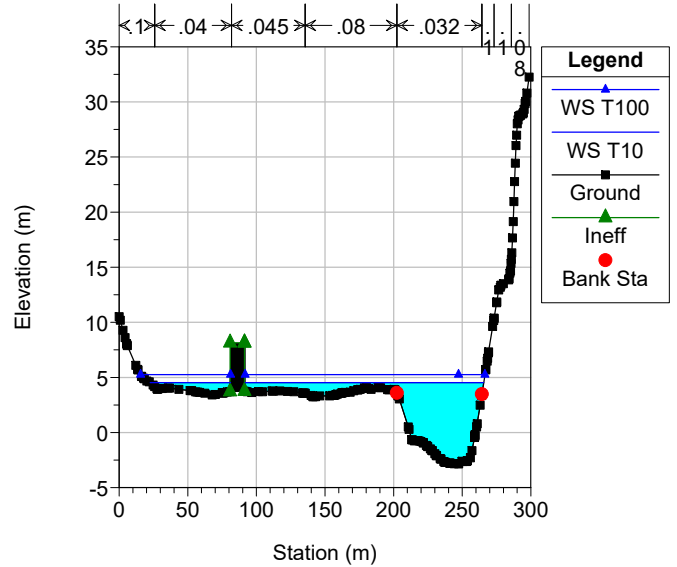
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7612.982



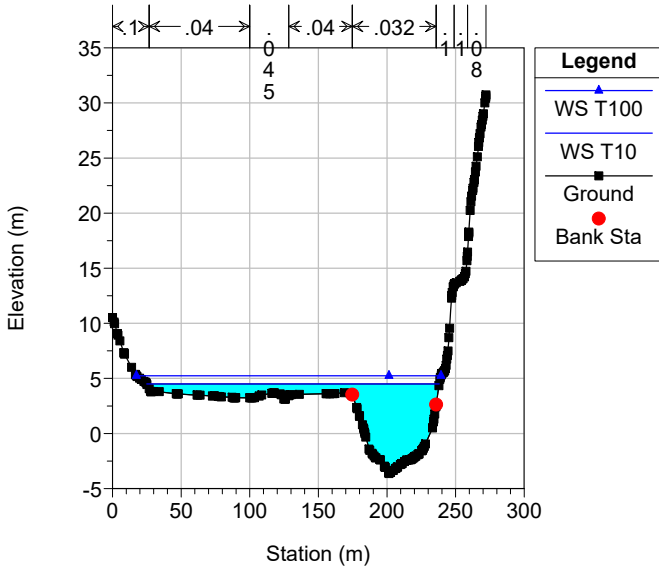
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7489.045



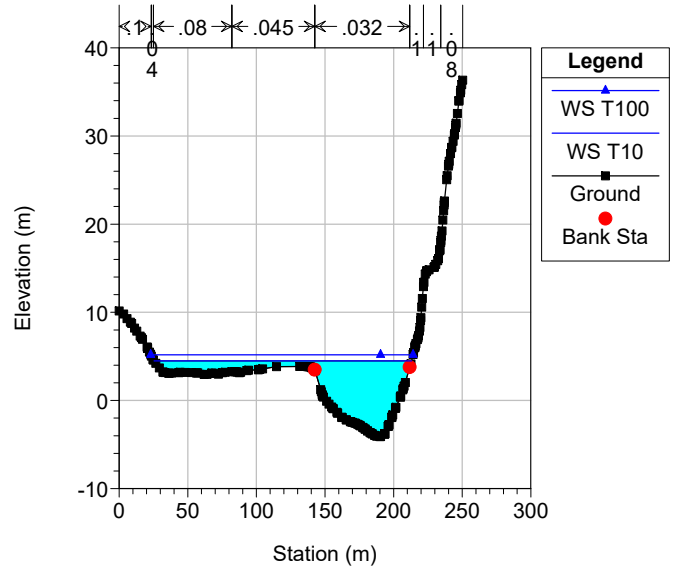
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7379.956



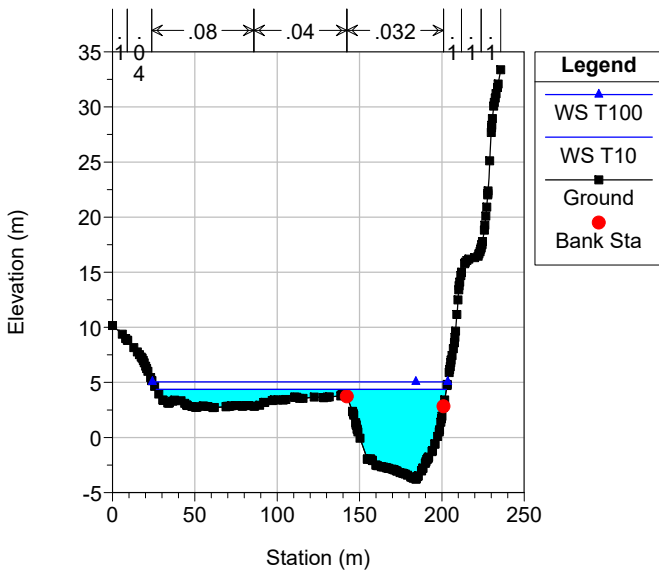
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7284.814



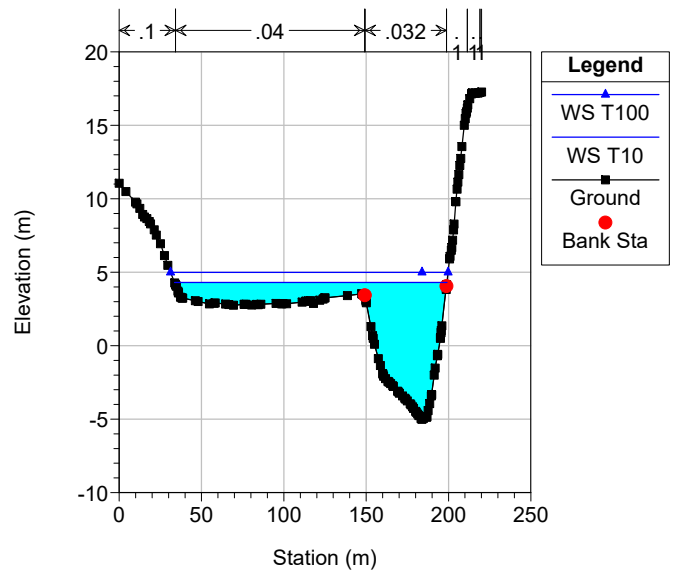
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7169.117



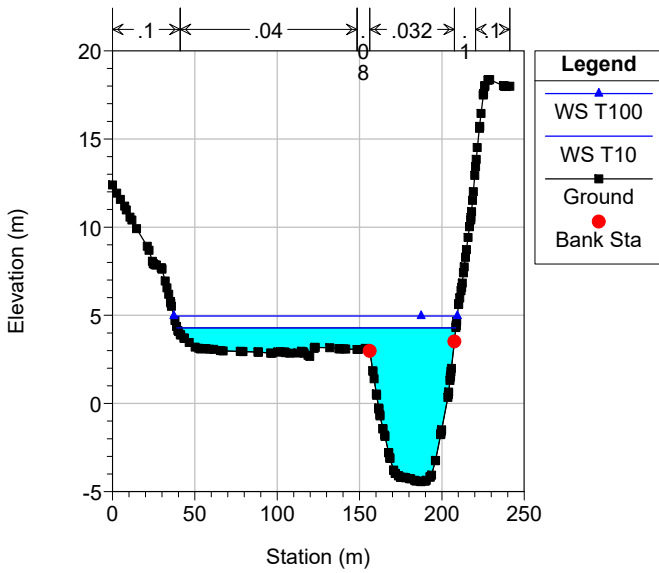
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7053.360



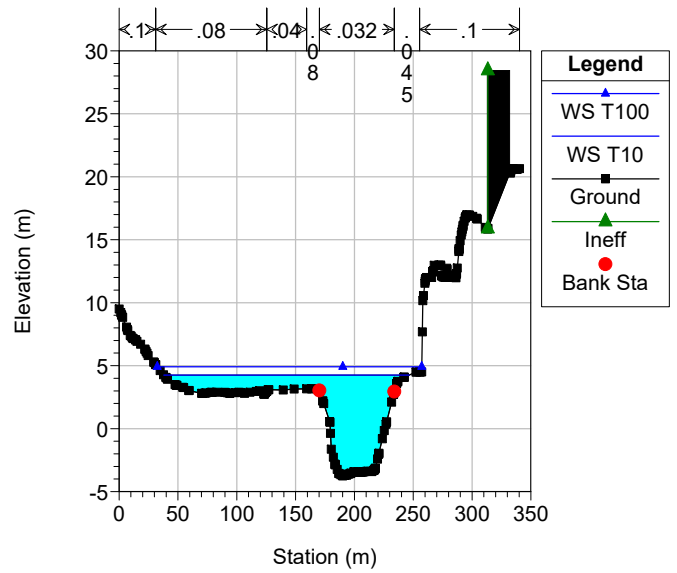
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6948.222



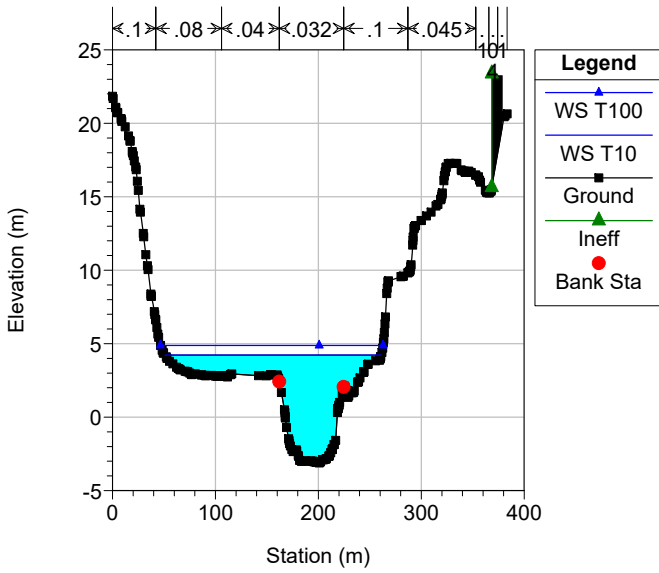
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6860.338



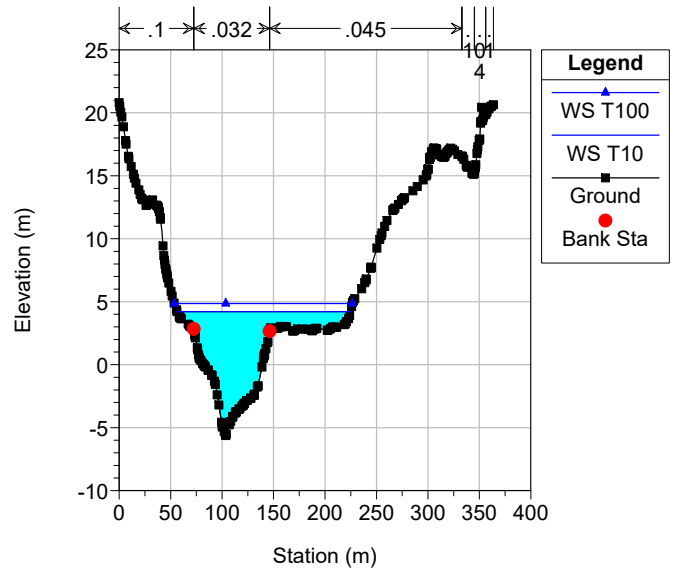
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6746.670



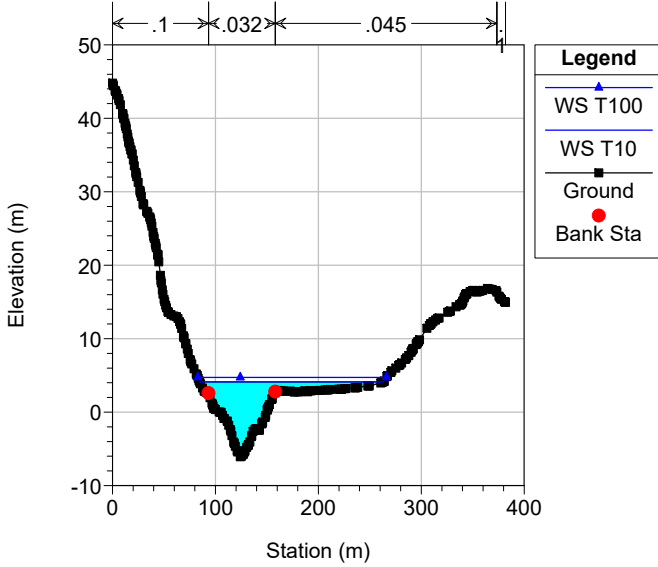
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6662.602



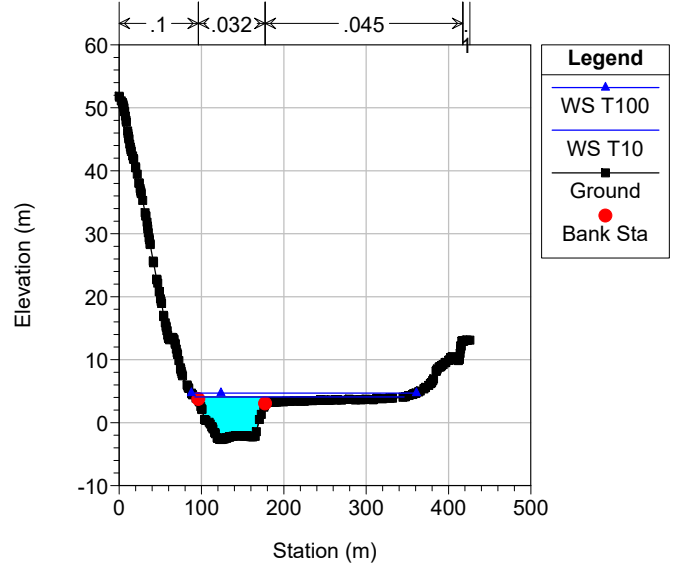
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6535.042



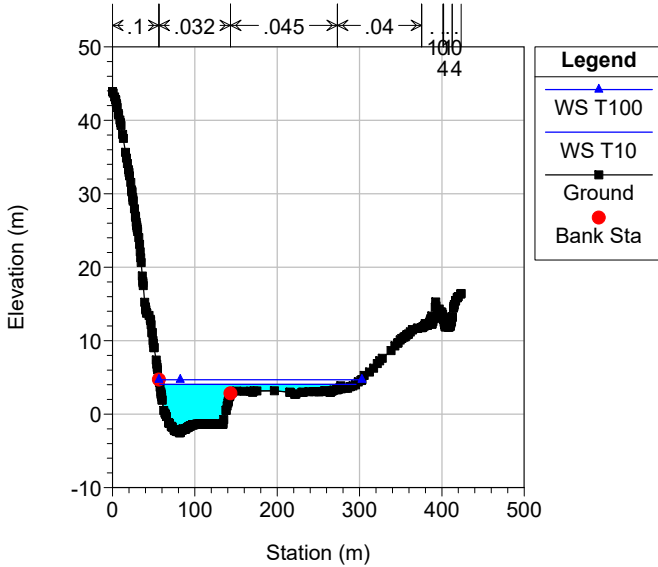
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6431.793



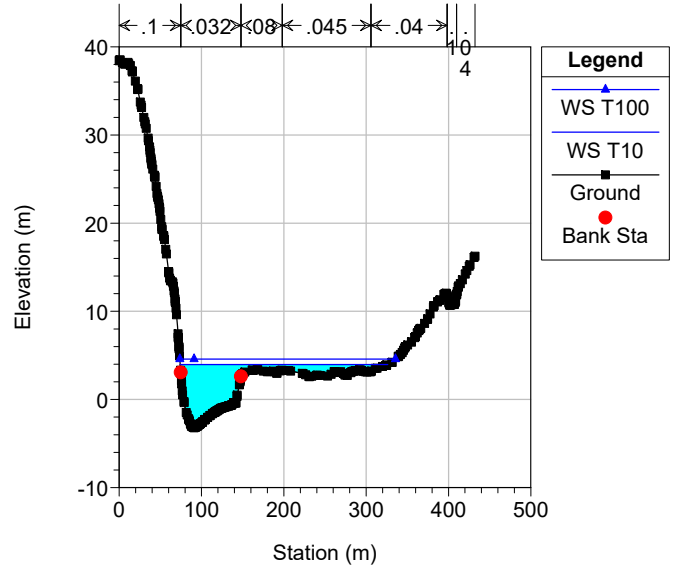
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6304.601



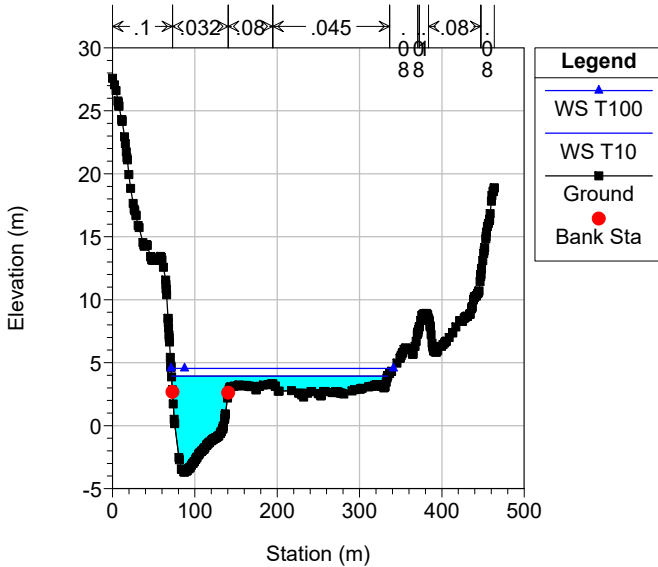
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6189.018



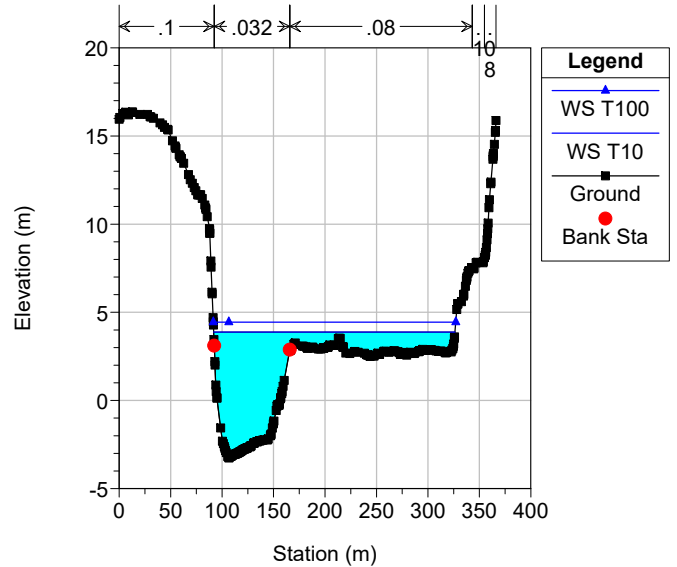
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6080.500



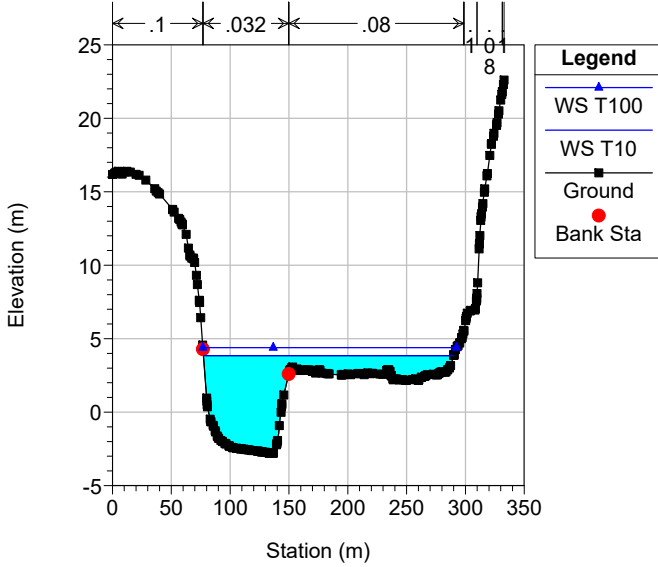
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 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6008.231



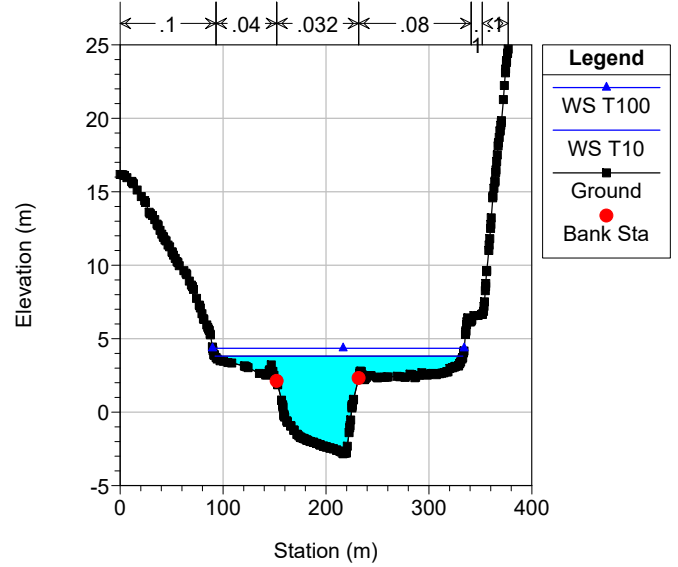
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 5871.649



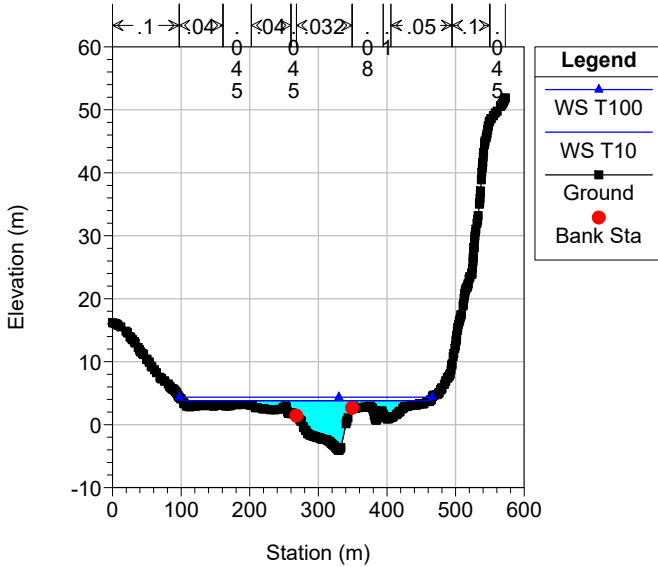
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
Geom: T10-100+REGATA FUT Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5790.657



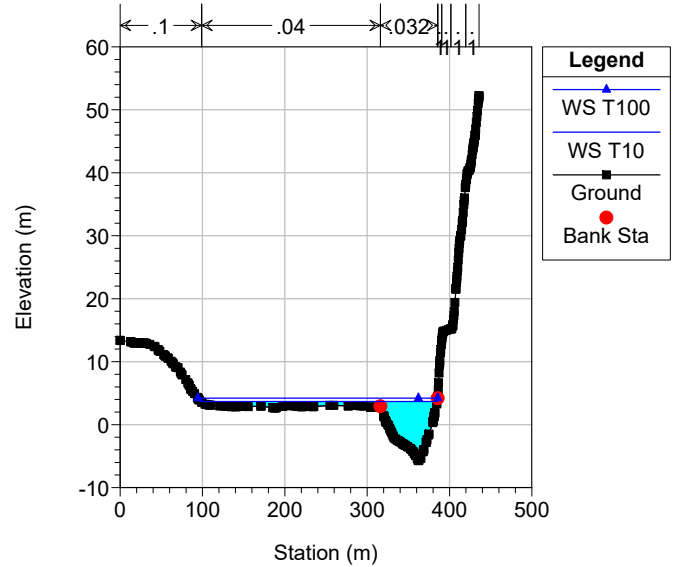
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
Geom: T10-100+REGATA FUT Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5682.440



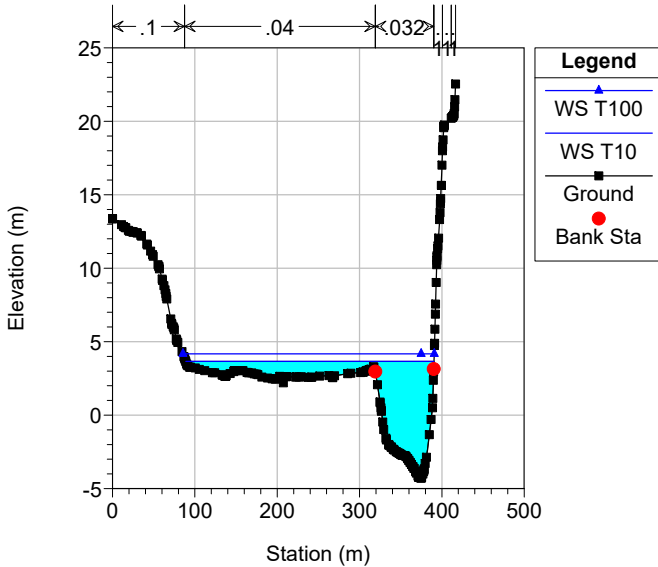
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
Geom: T10-100+REGATA FUT Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5556.492



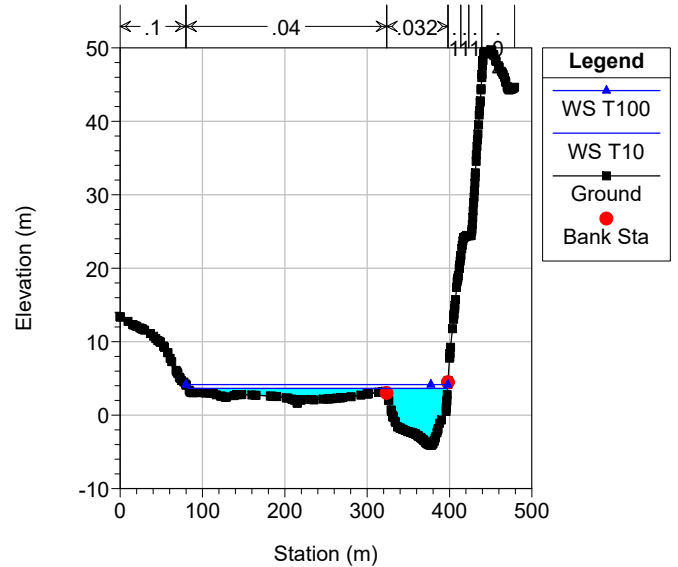
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
Geom: T10-100+REGATA FUT Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5401.598



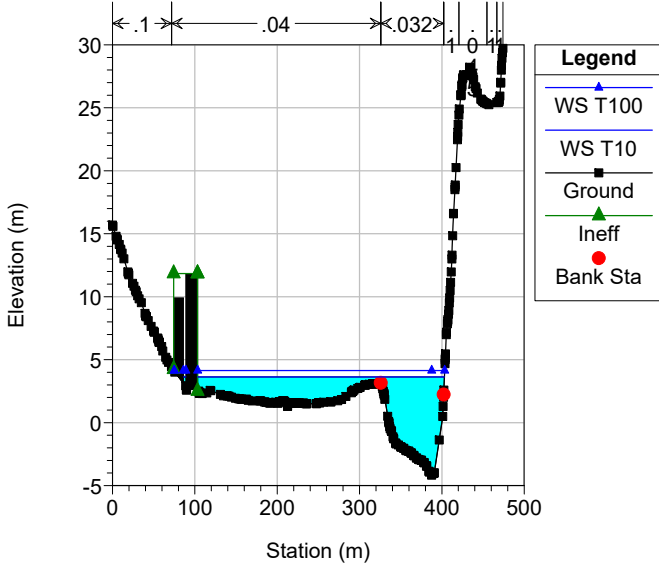
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
Geom: T10-100+REGATA FUT Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5280.797



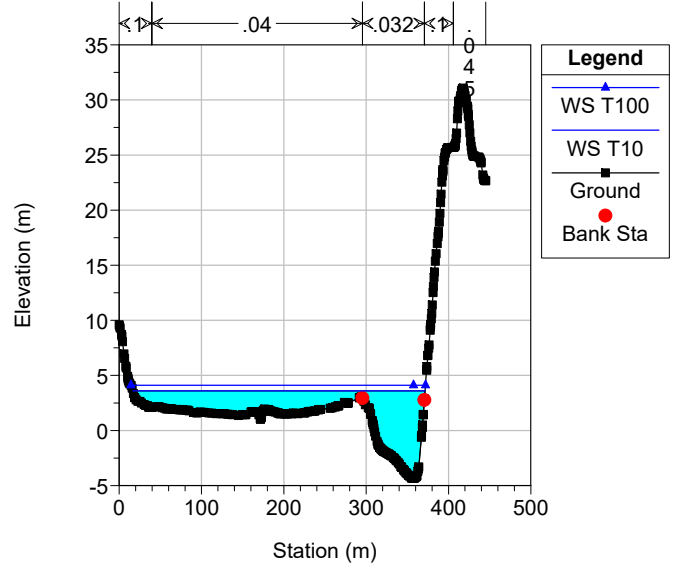
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
Geom: T10-100+REGATA FUT Flow: T10-100REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5179.899



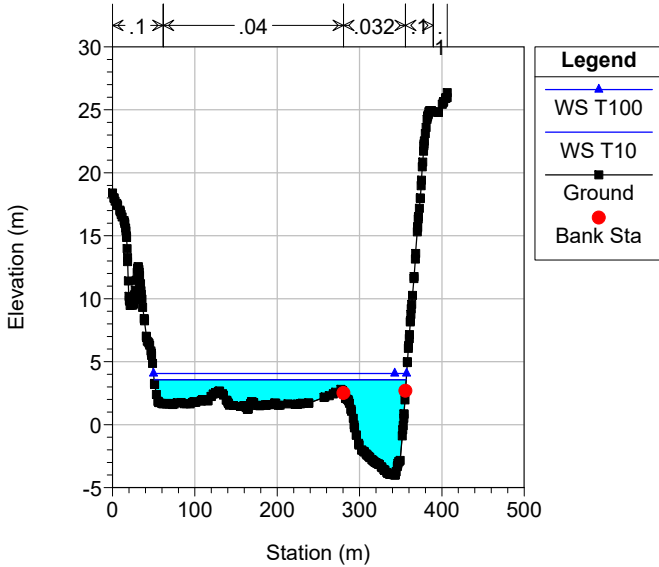
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 5053.822



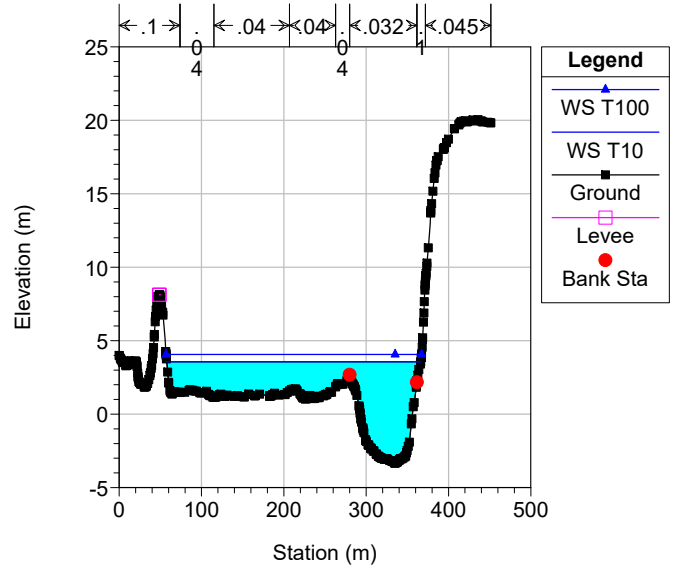
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4895.147



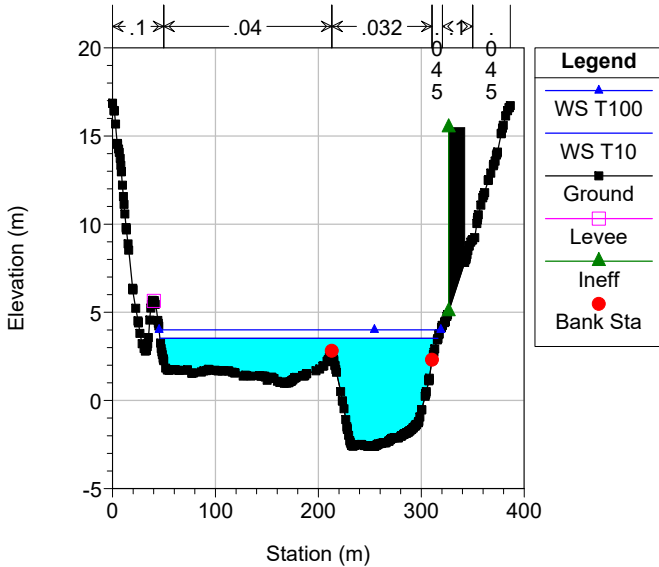
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4805.383



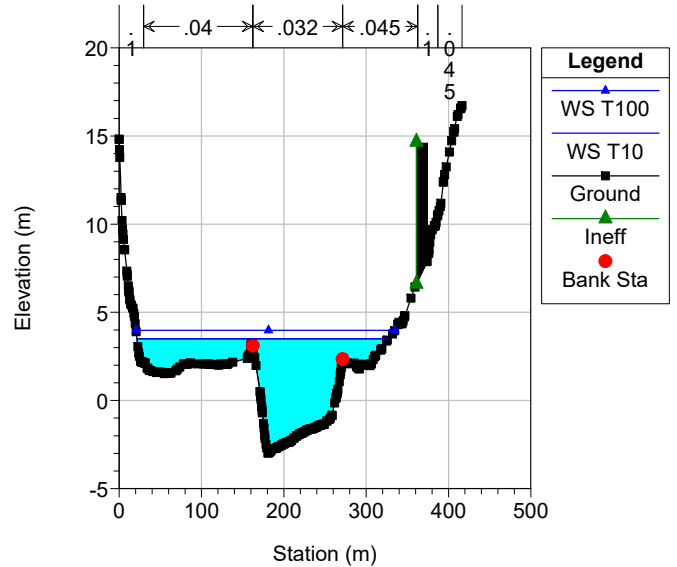
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4733.880



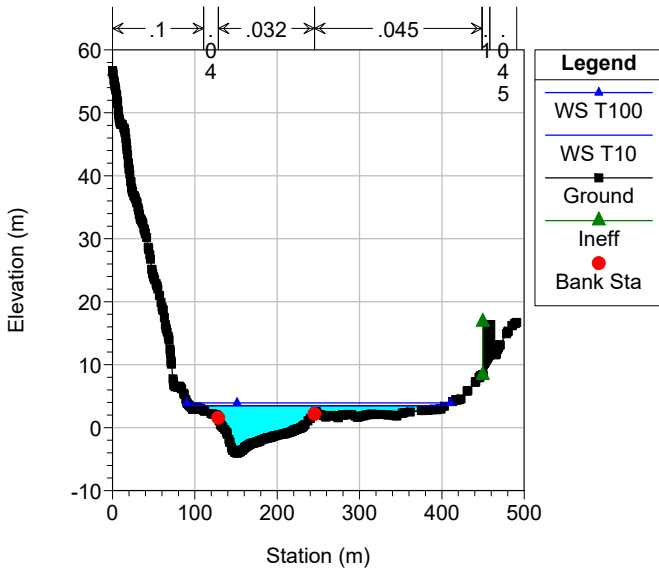
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4583.286



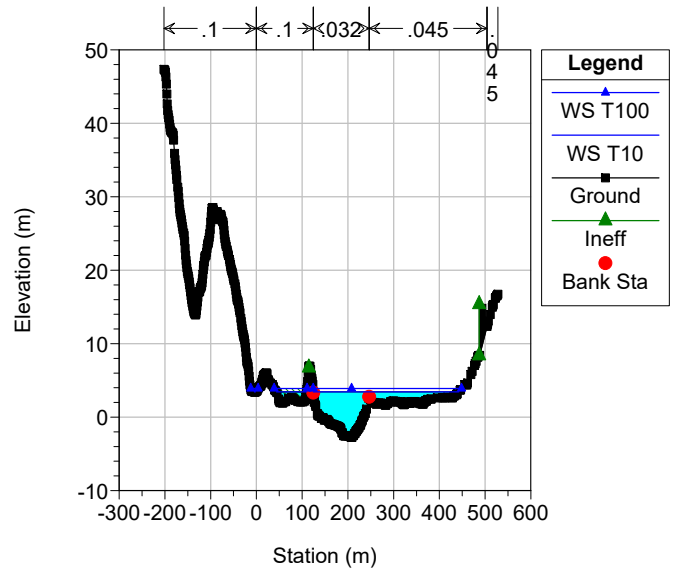
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4507.483



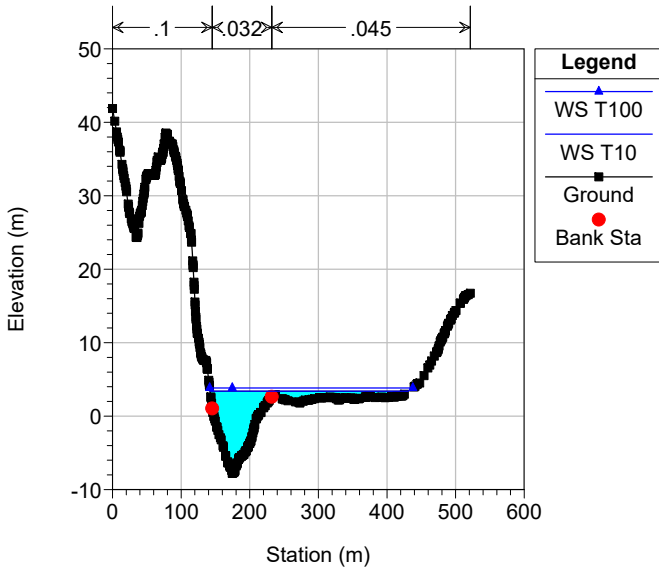
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4356.233



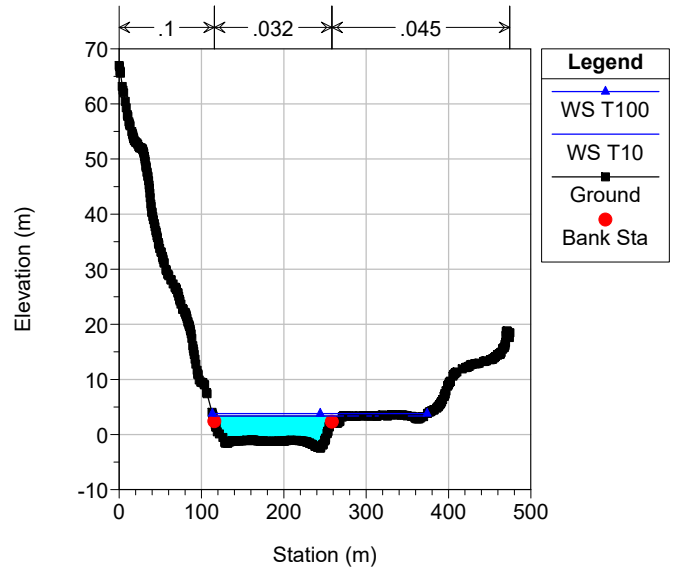
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4259.779



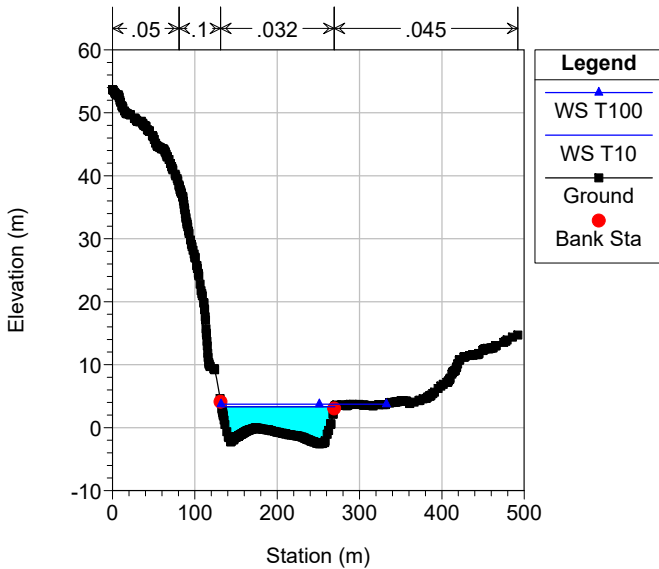
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4158.449



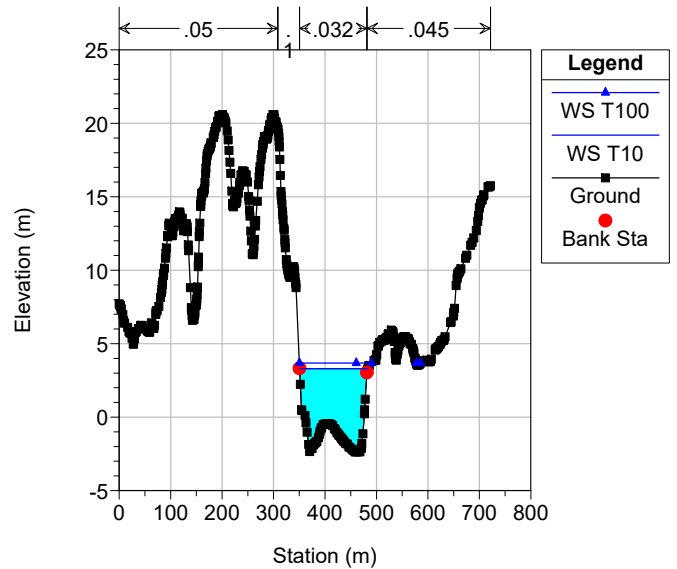
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3974.194



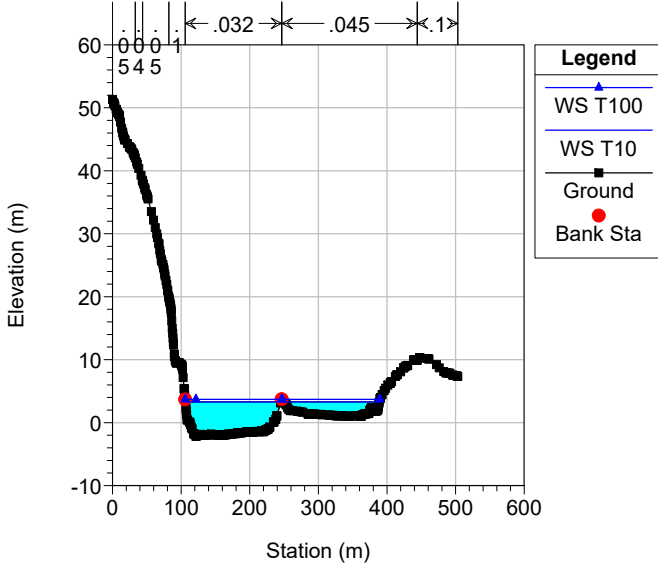
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3886.724



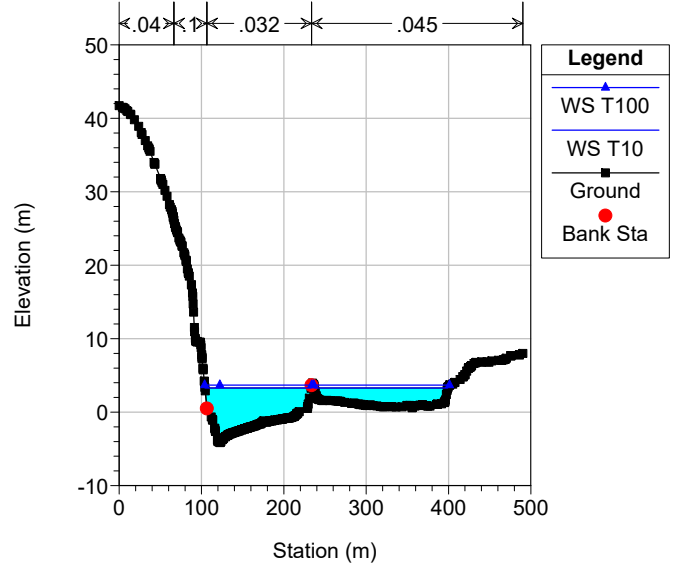
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3808.914



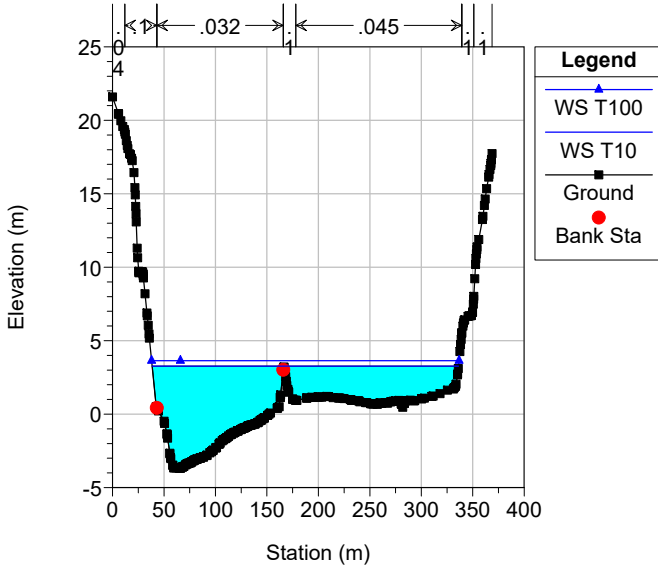
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3658.406



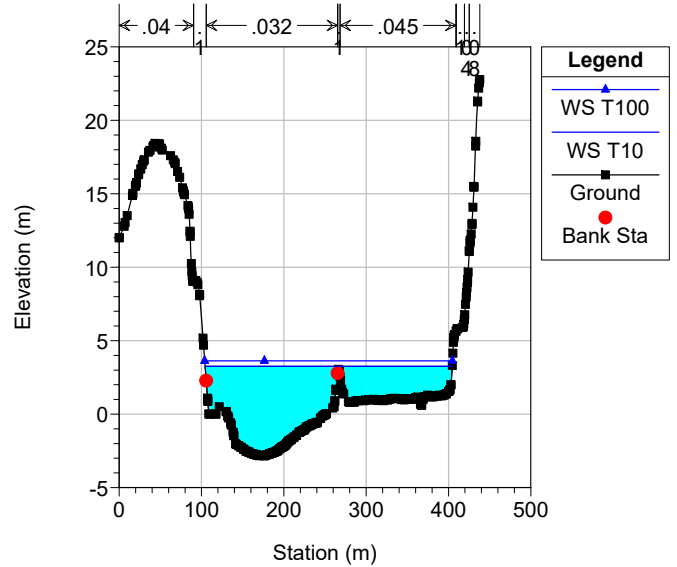
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3566.720



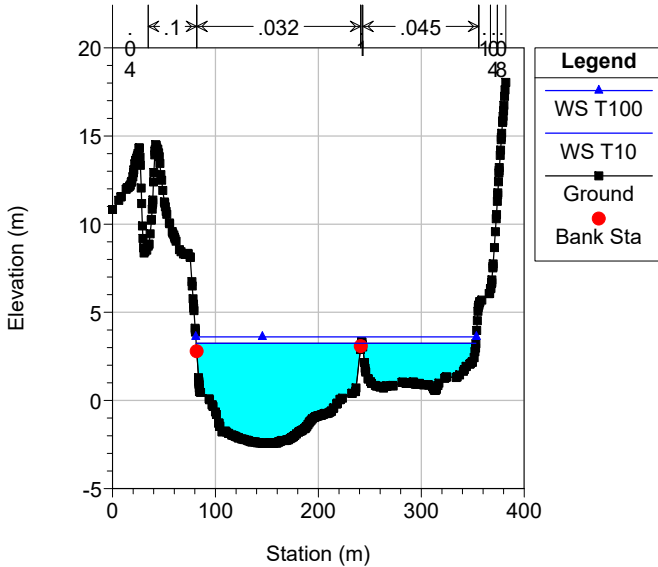
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3442.677



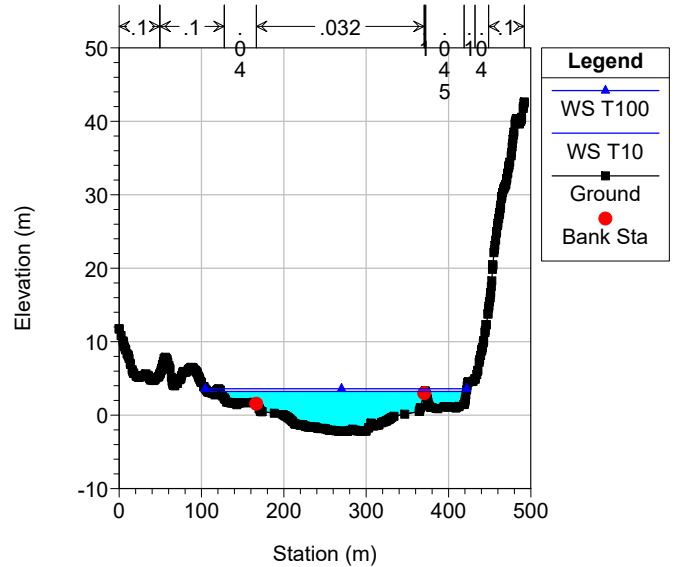
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3337.678



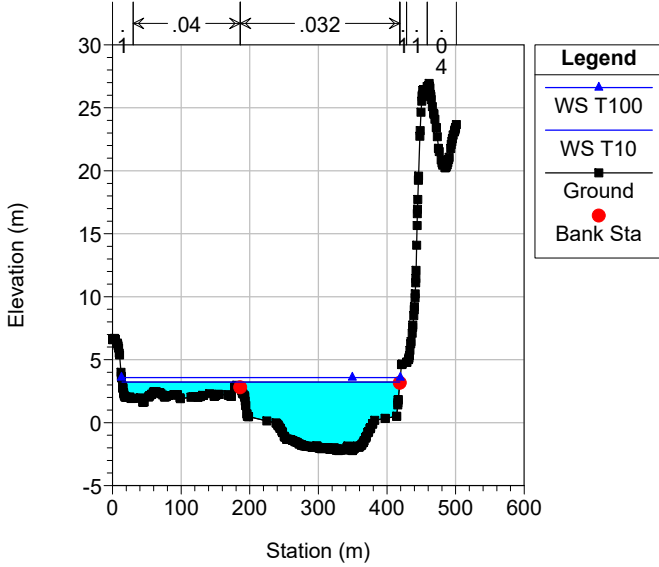
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3270.399



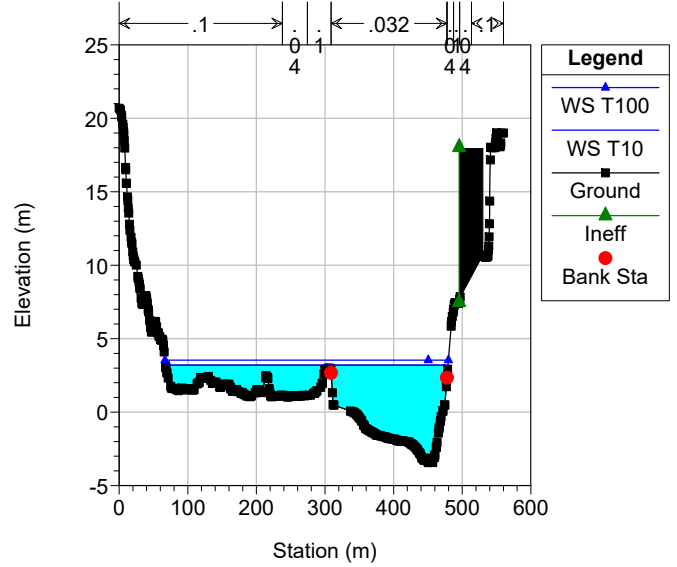
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3154.791



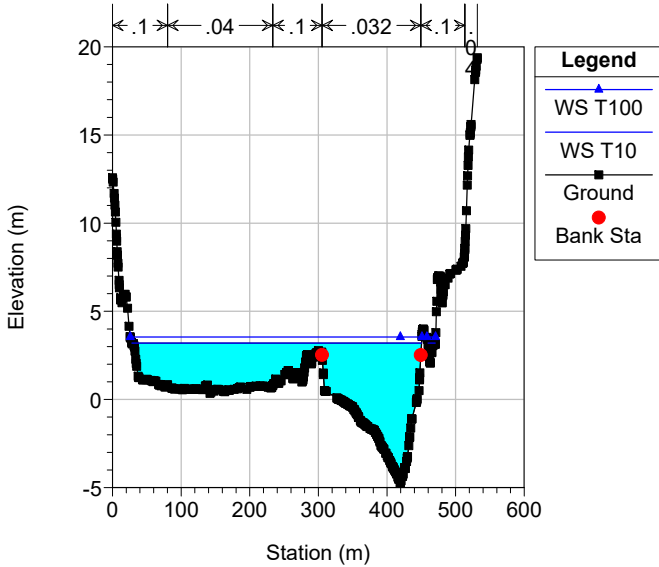
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3051.658



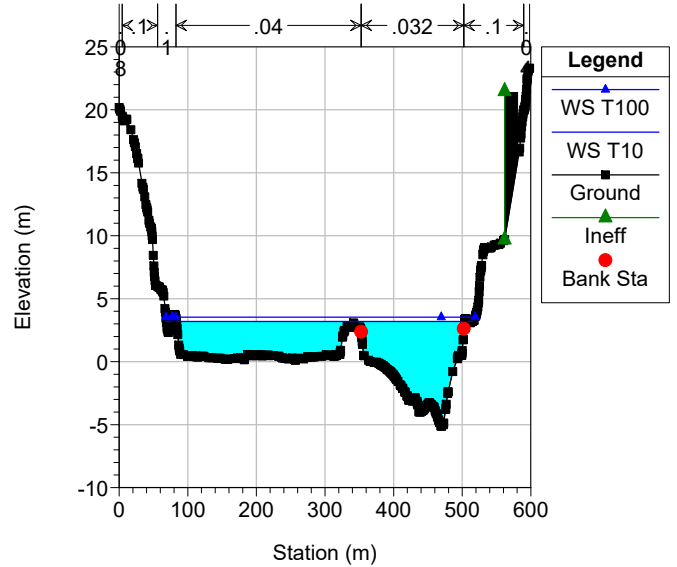
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2911.274



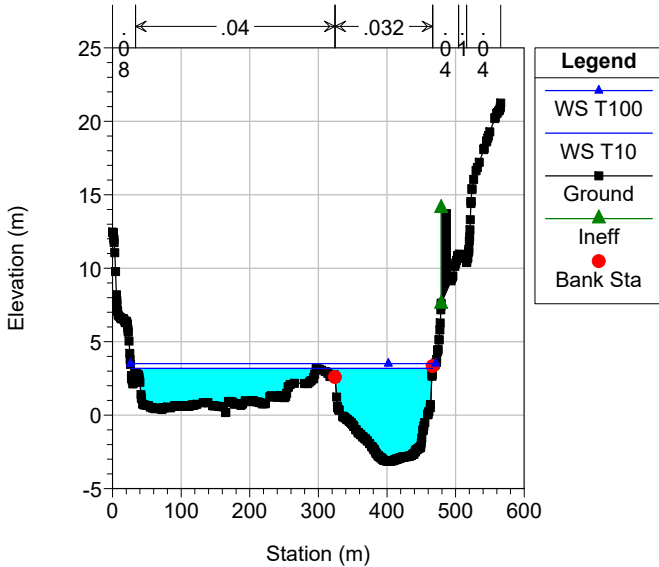
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2822.969



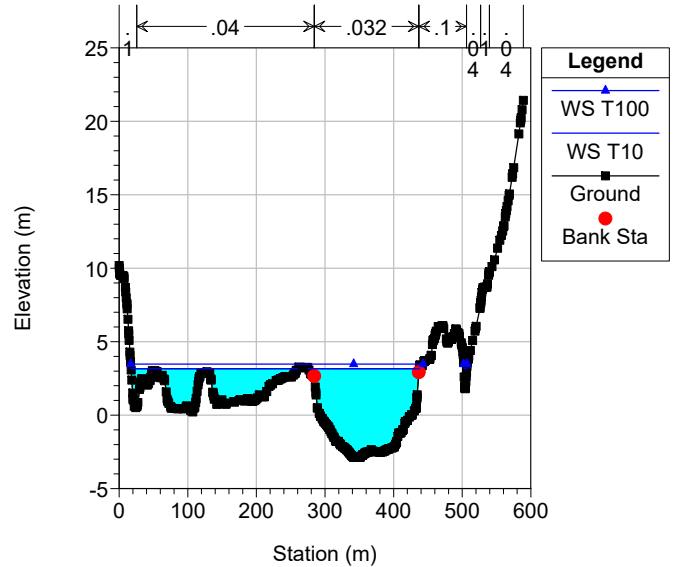
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2720.568



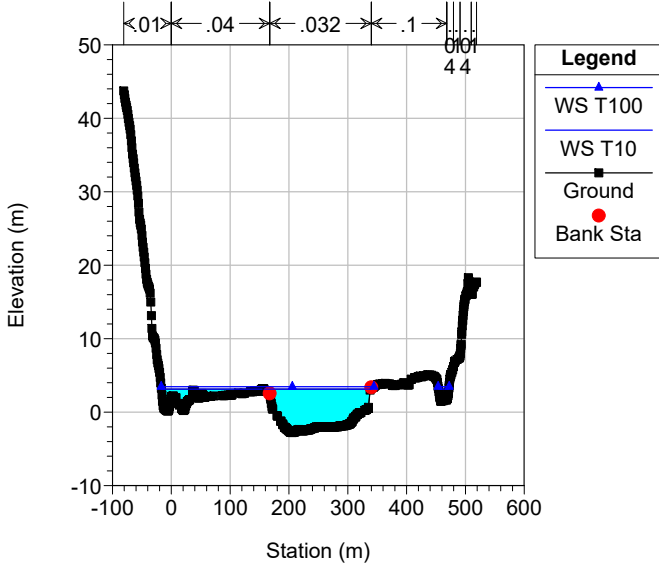
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2634.605



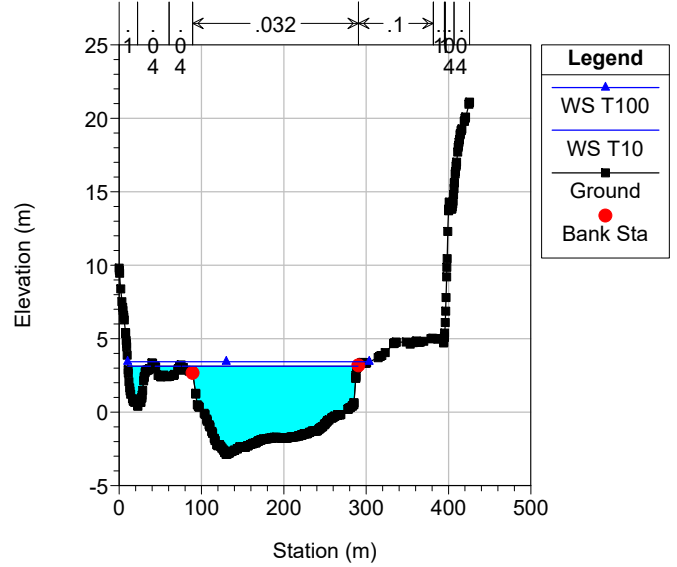
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2544.922



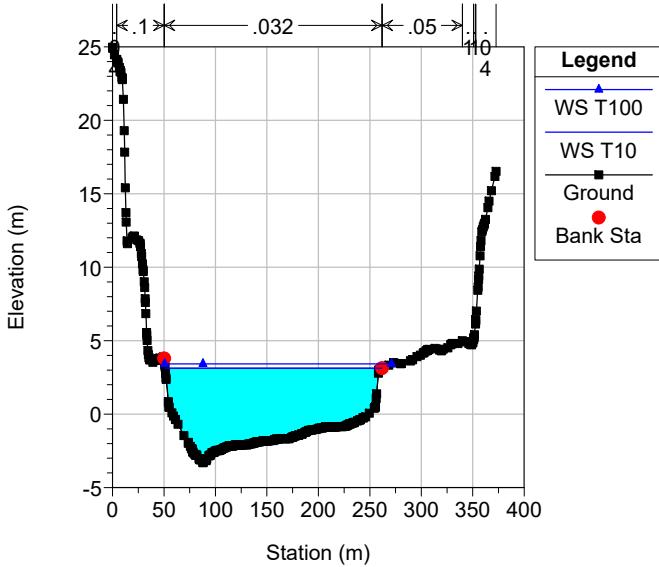
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2427.927



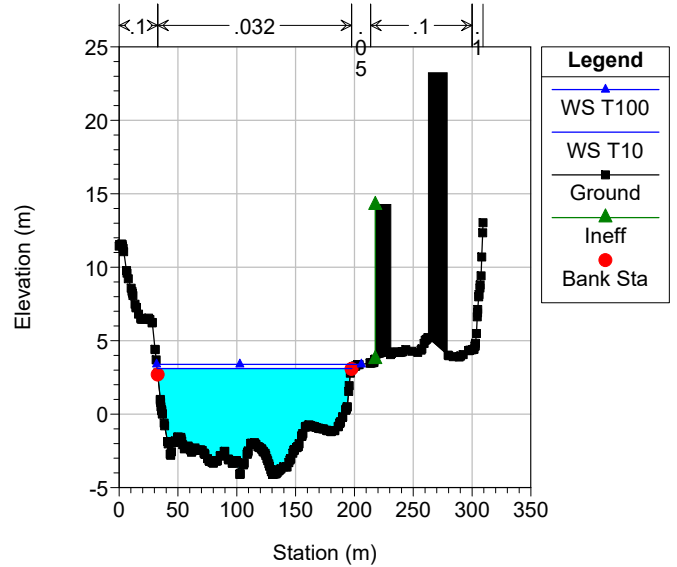
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2339.462



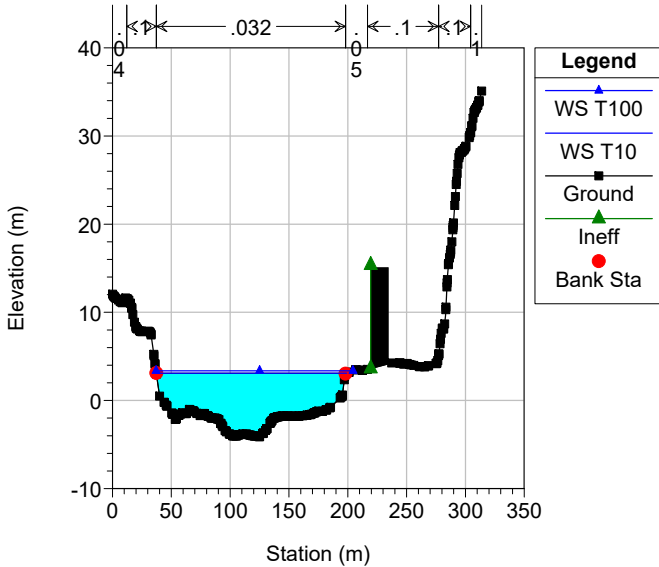
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2269.400



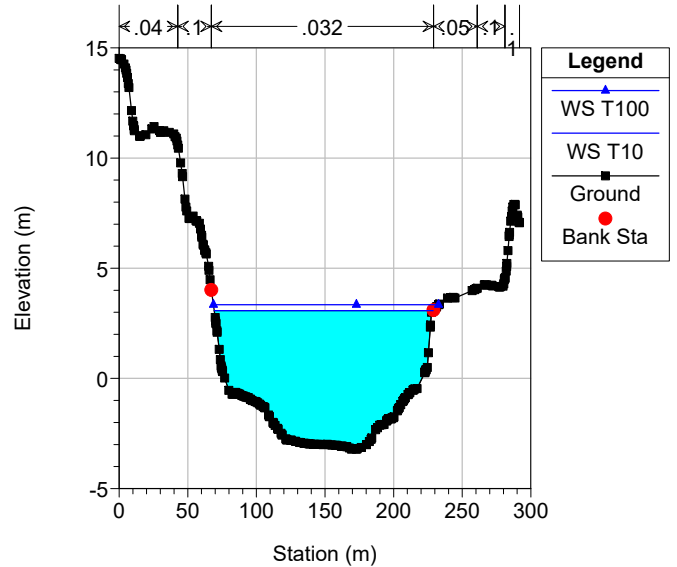
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2161.252



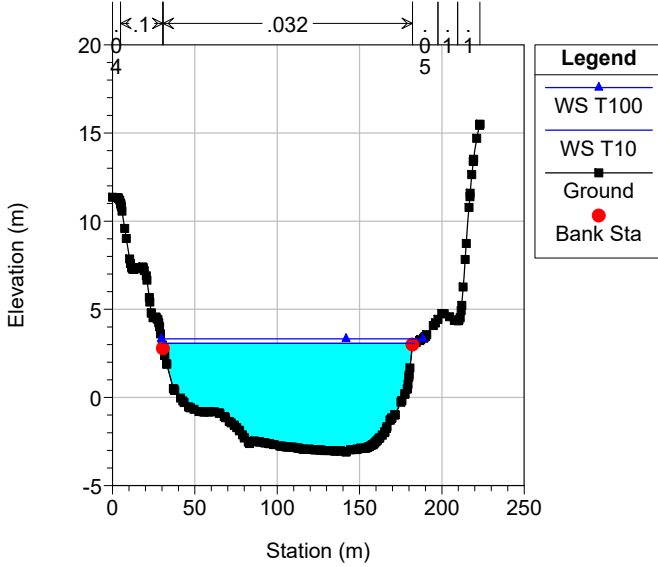
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2119.406



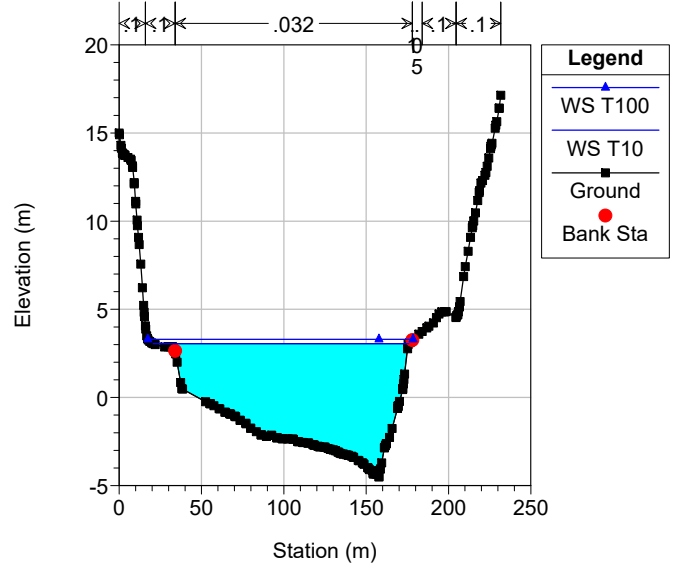
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2058.987



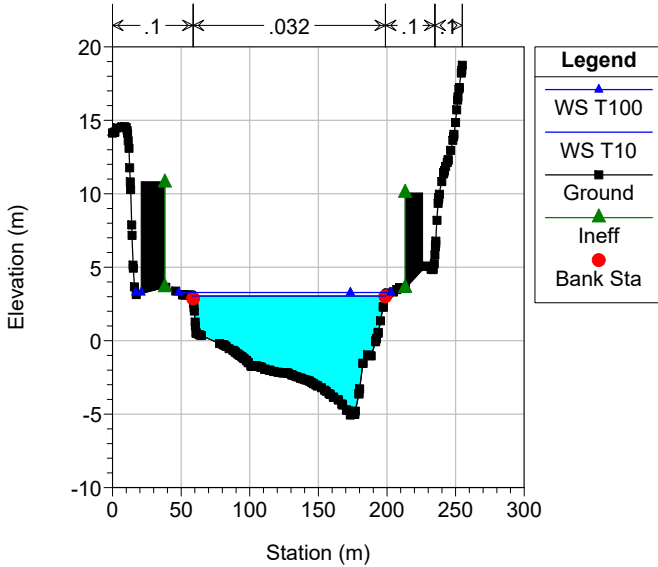
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
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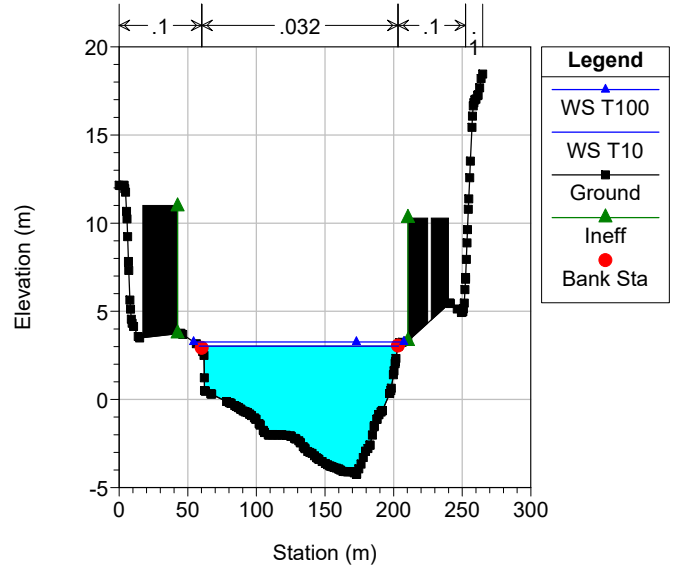
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
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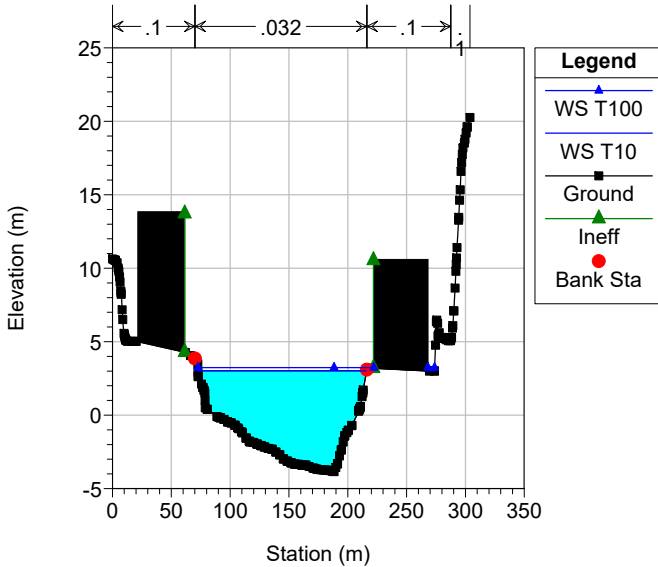
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1935.376



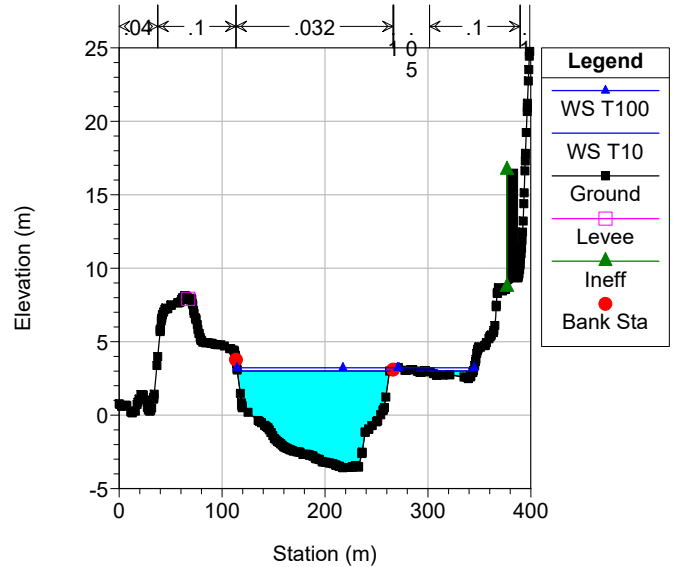
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1884.235



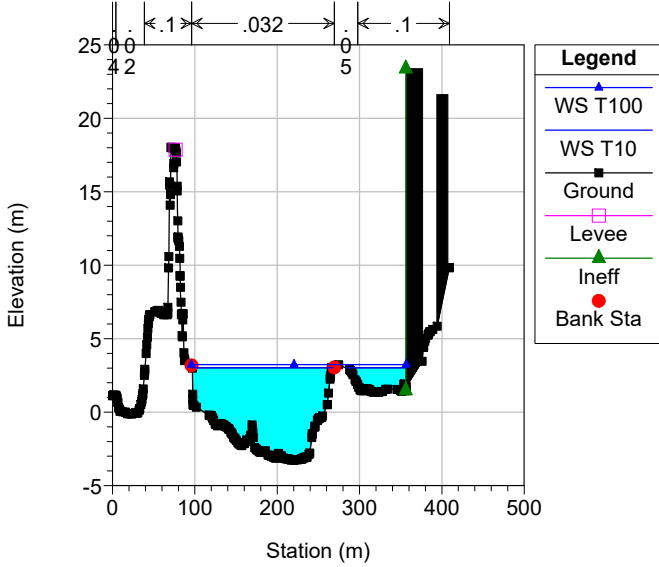
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1831.032



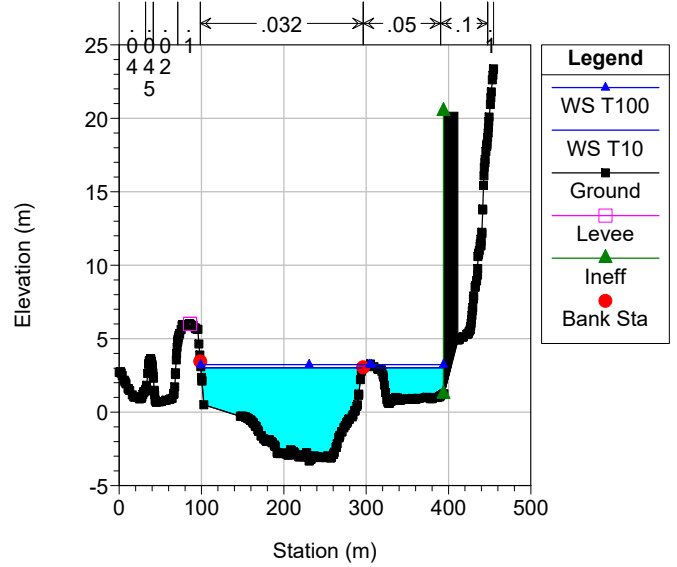
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1779.842



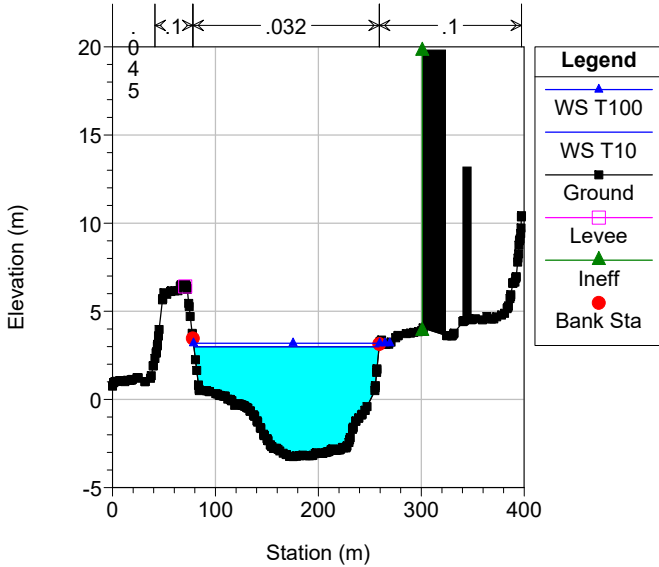
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1730.022



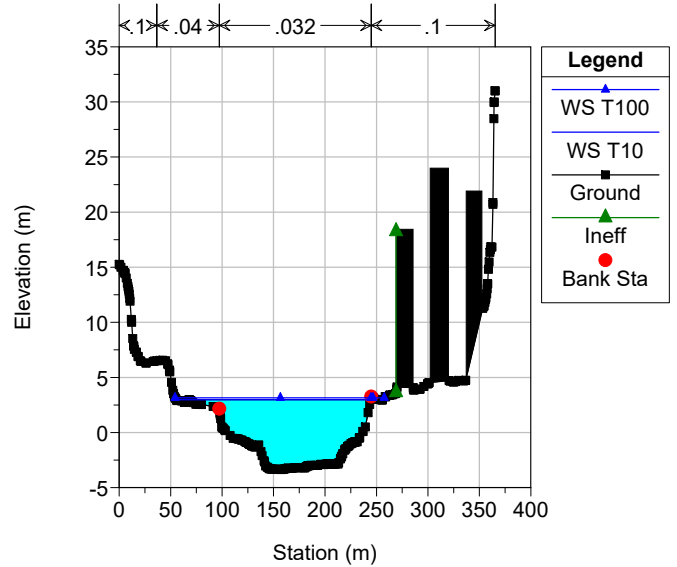
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1661.702



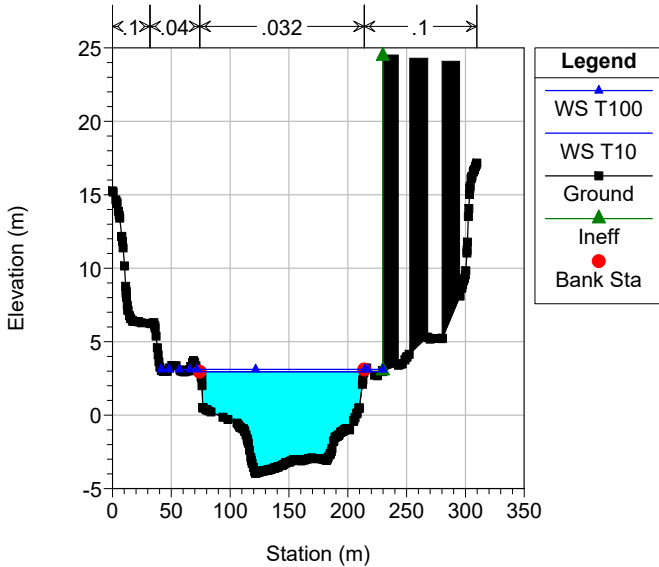
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1578.735



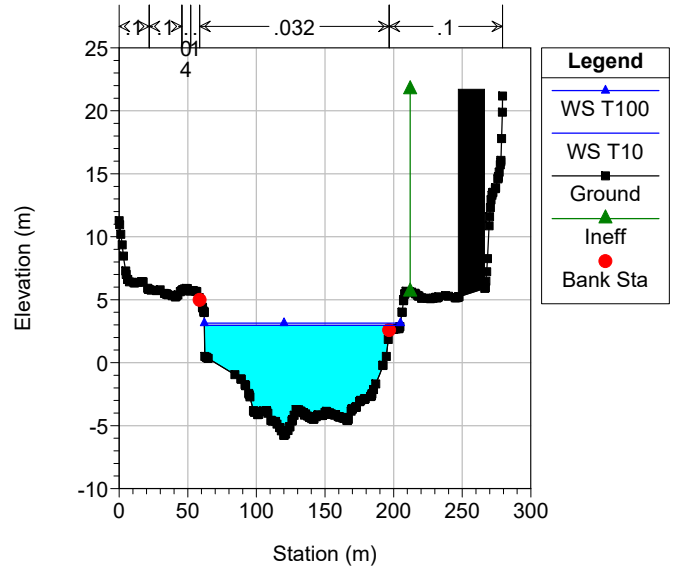
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1553.596



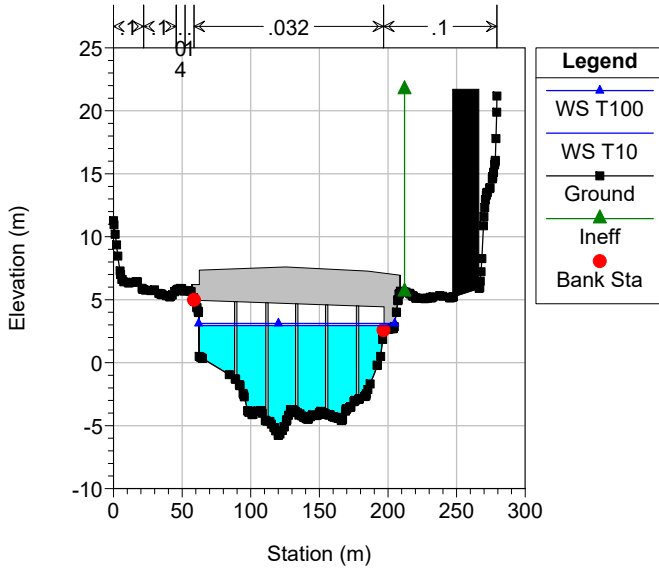
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1514.229



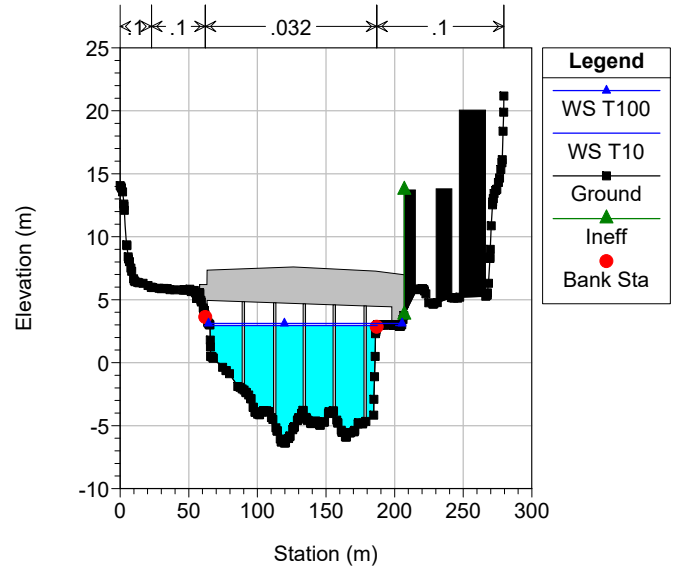
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1477.101



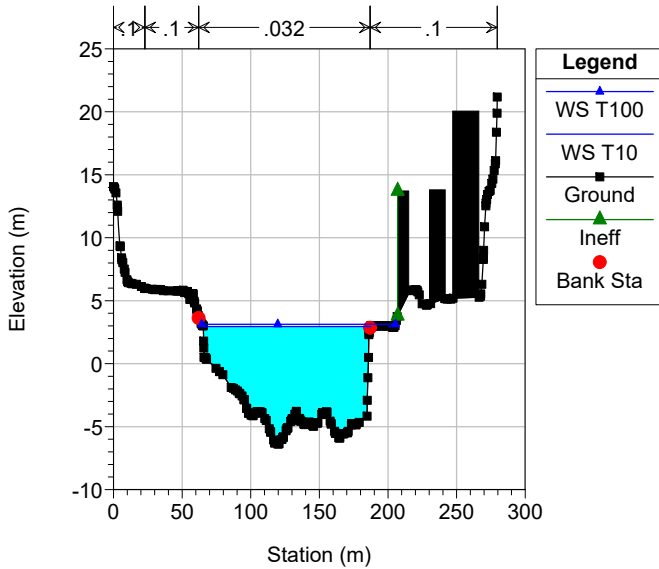
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1471.015 BR



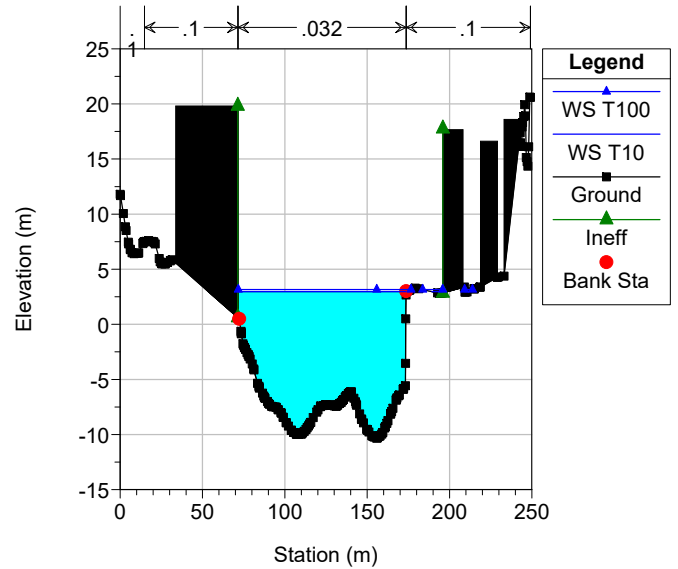
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1471.015 BR



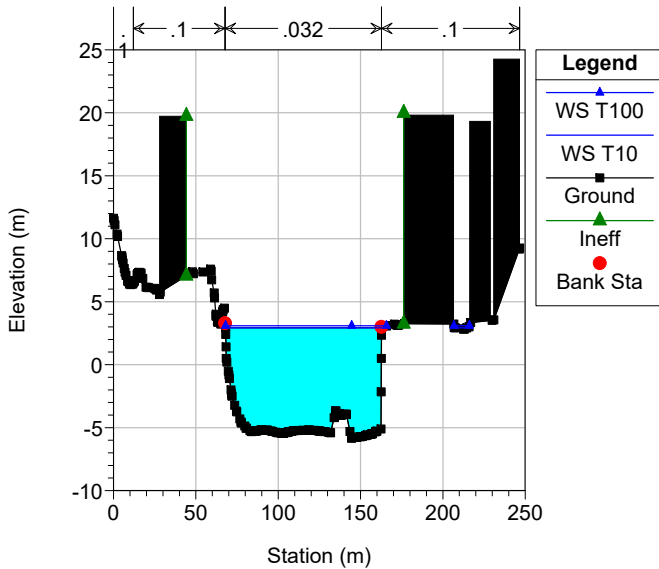
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1465.333



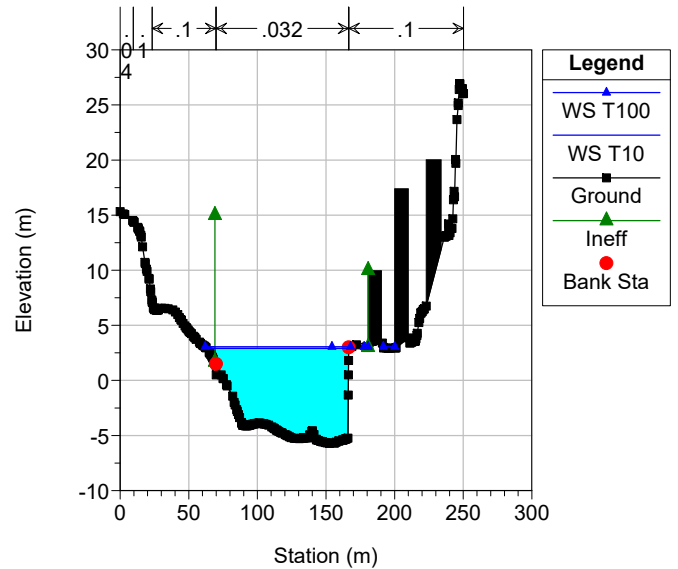
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1434.906



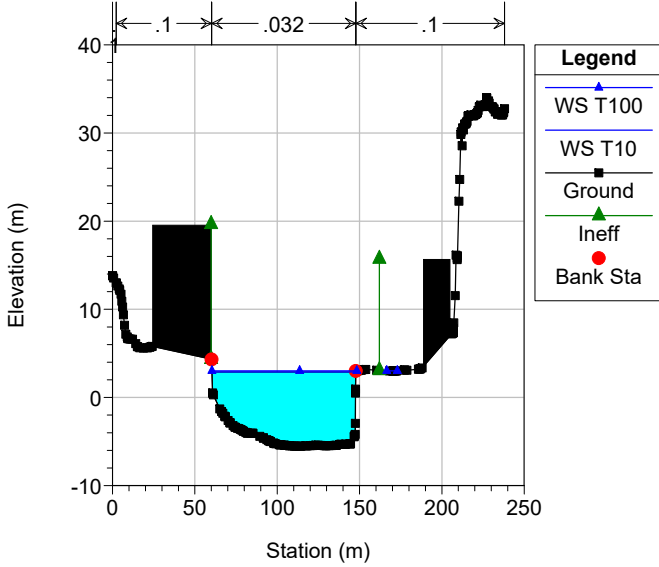
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1387.195



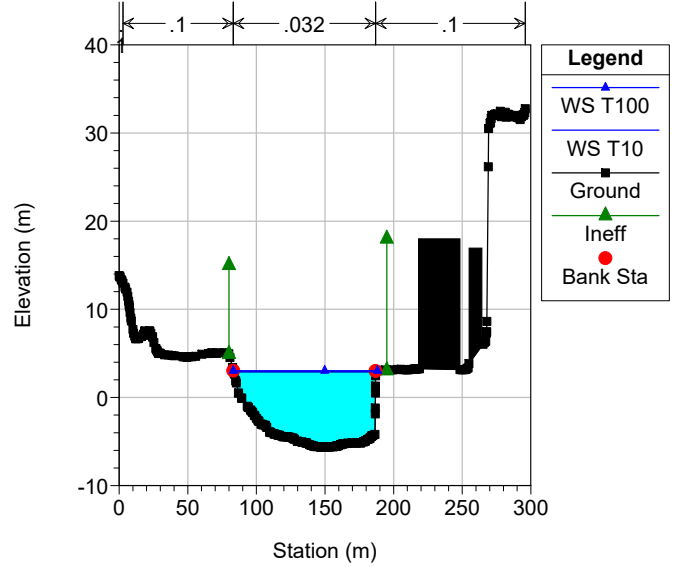
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1348.897



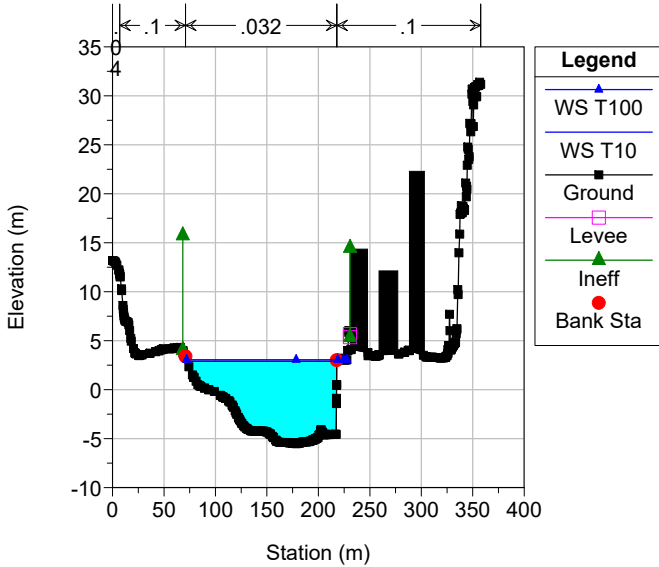
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1286.482



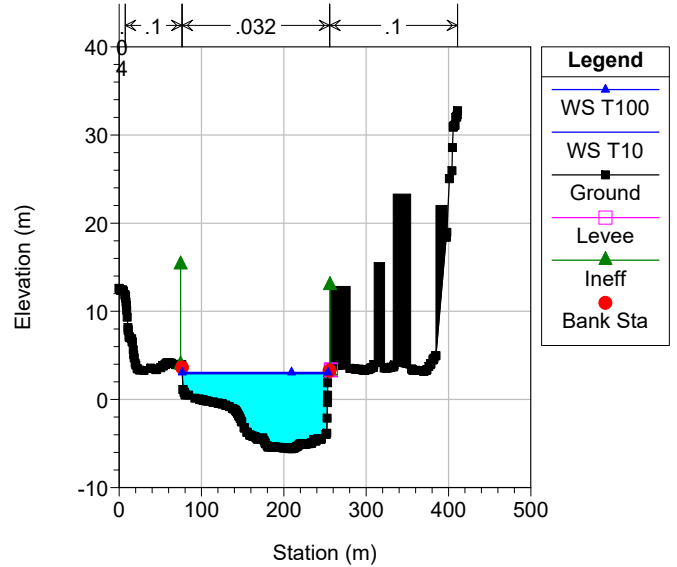
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1241.408



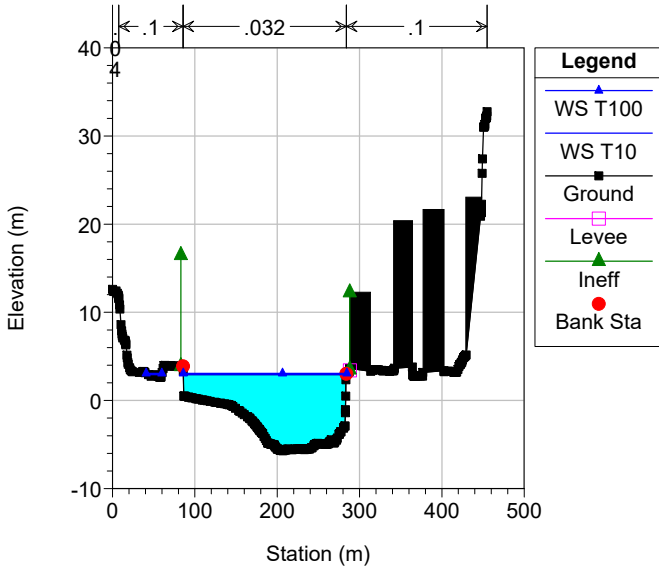
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1194.451



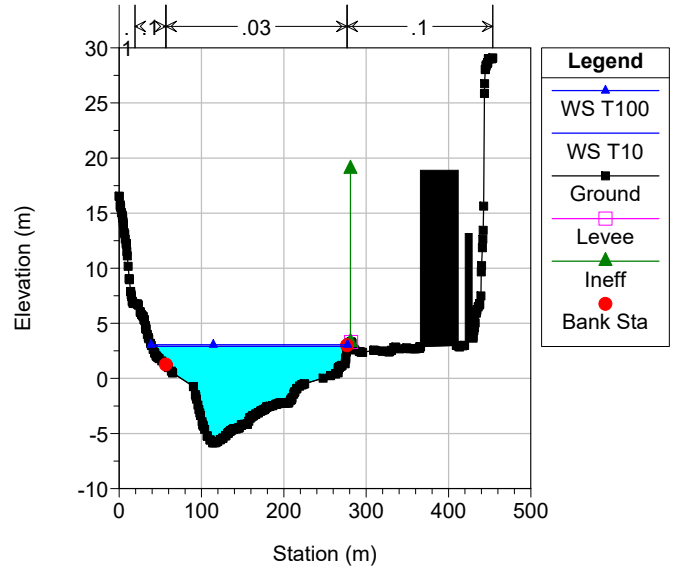
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1156.984



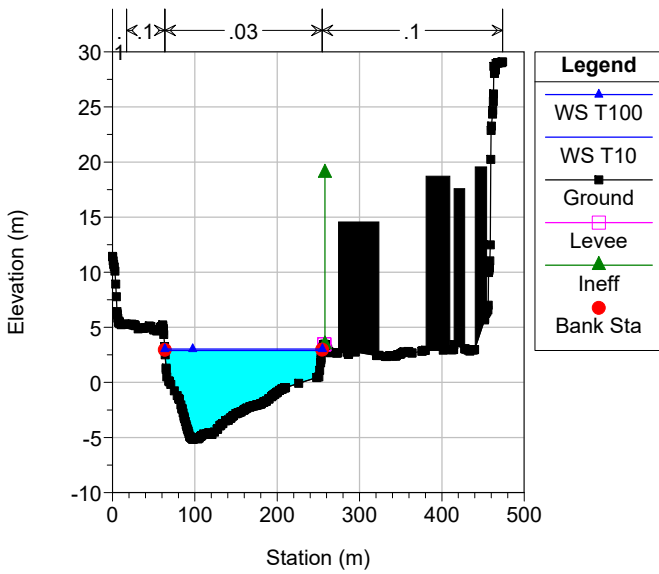
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1133.869



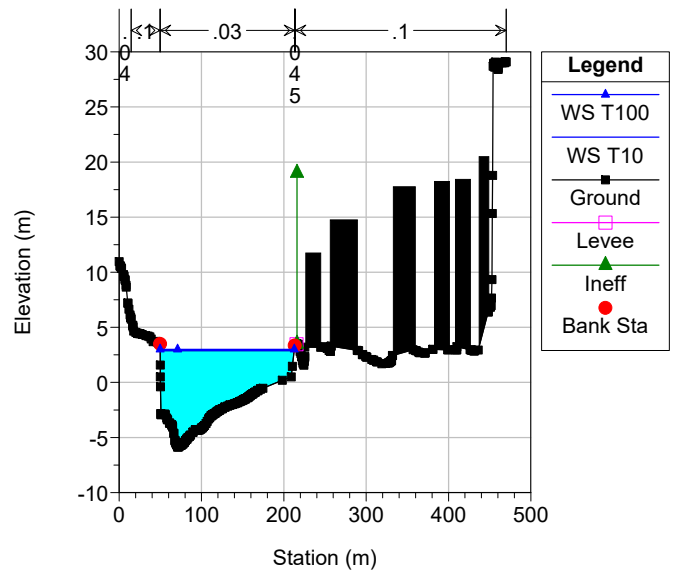
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 1037.507



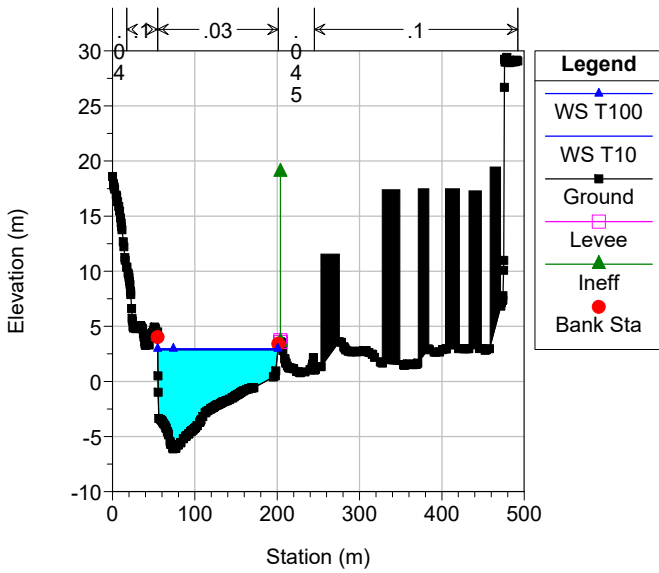
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 986.9419



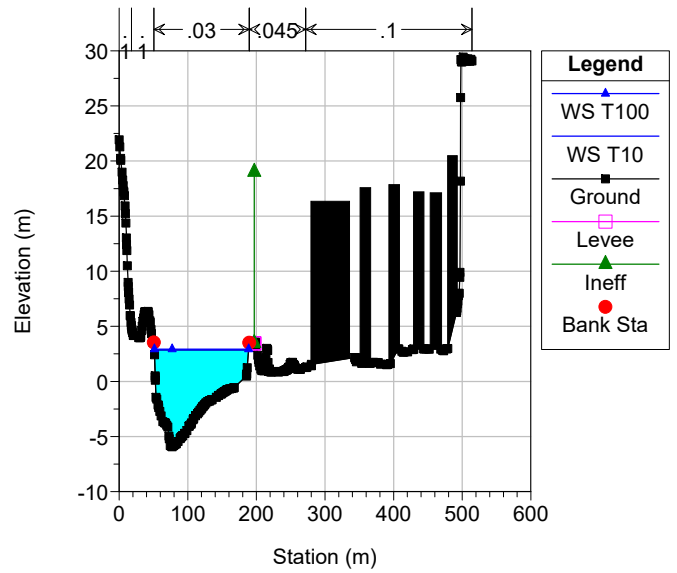
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 935.5785



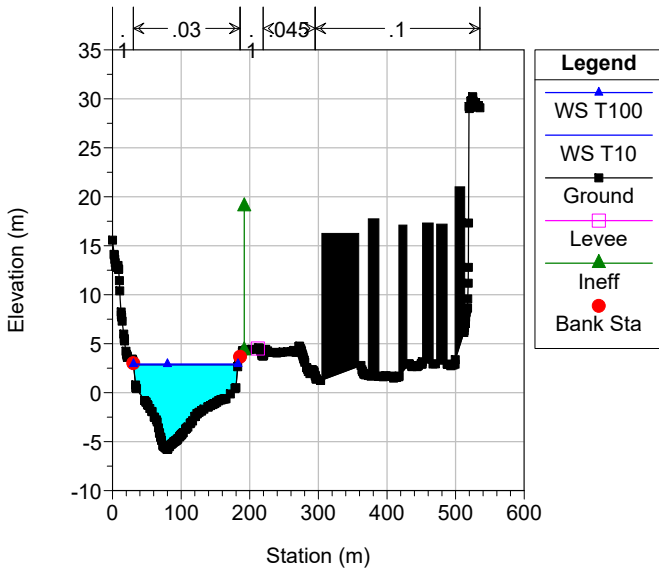
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 886.6628



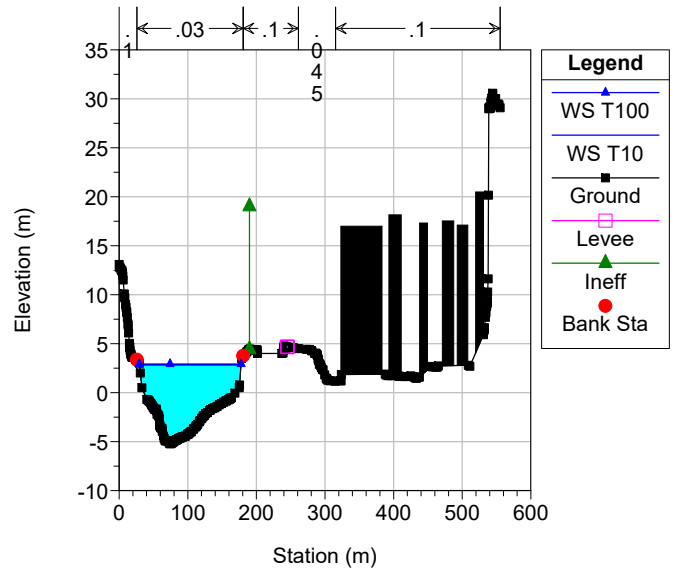
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 831.8651



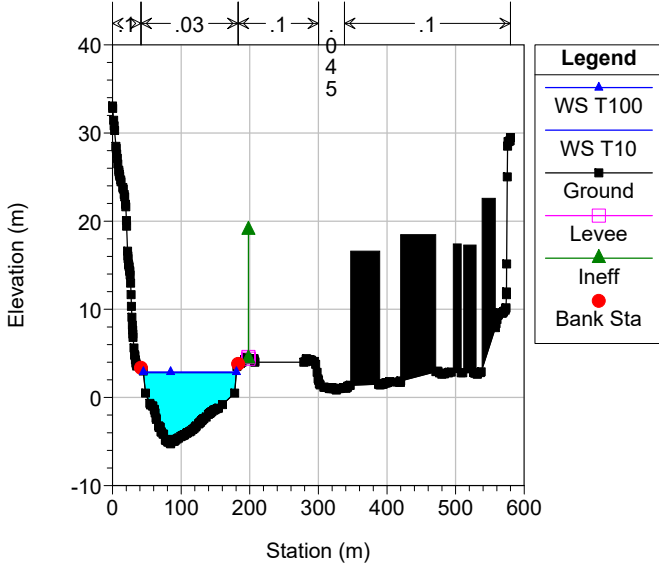
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 790.4279



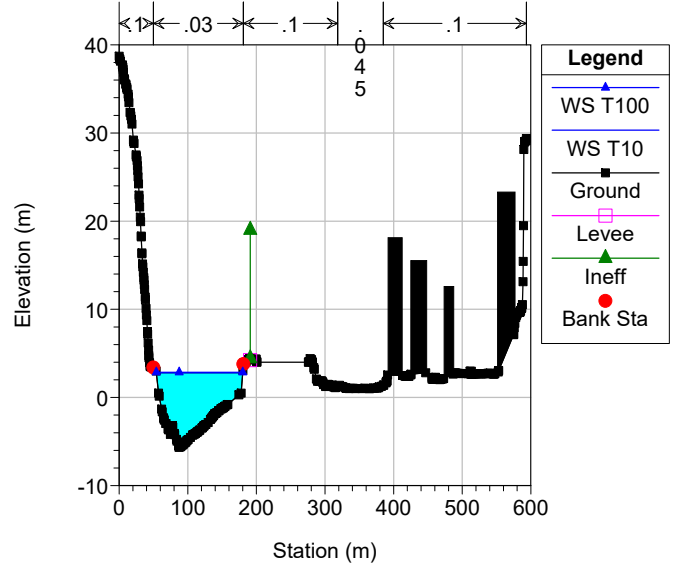
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 742.9493



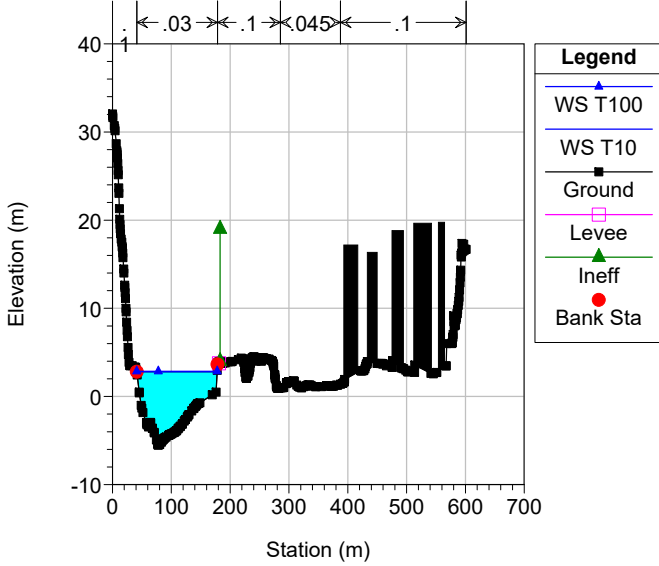
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 704.7355



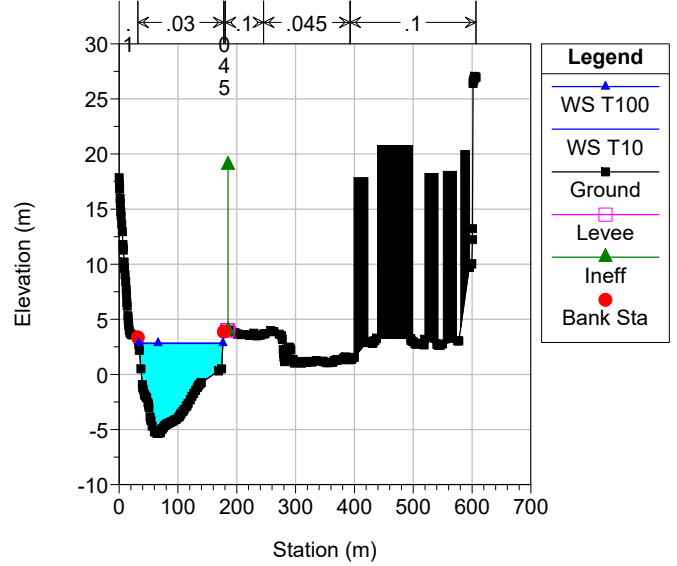
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 654.5527



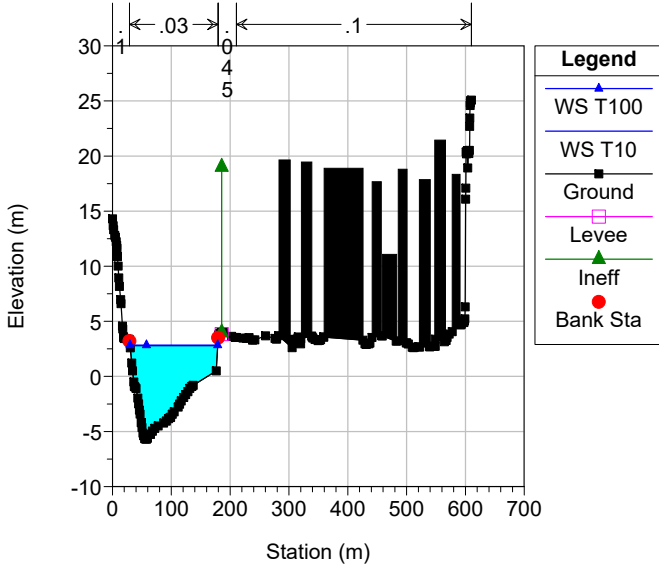
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 605.1155



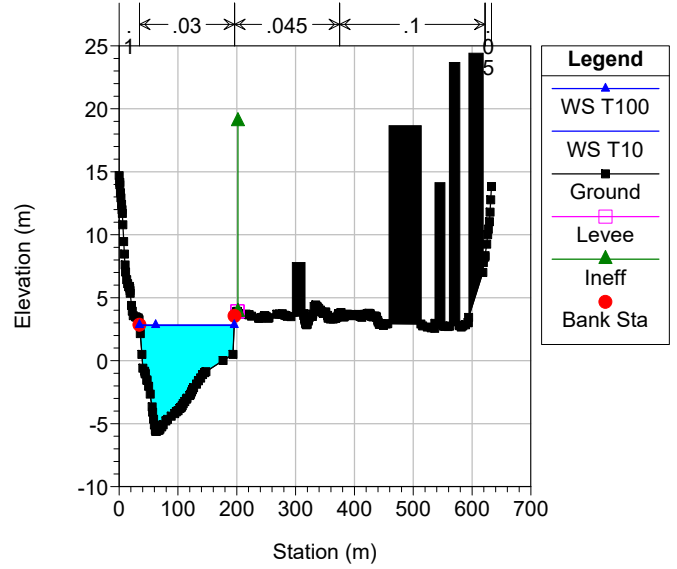
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 556.4642



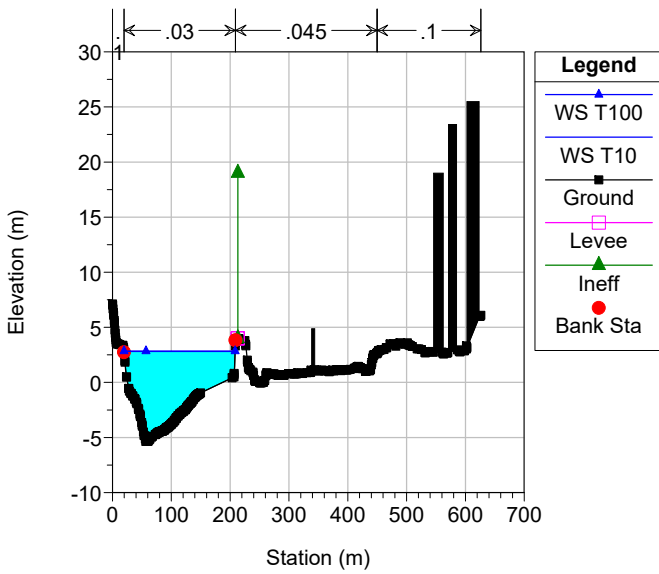
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 513.2202



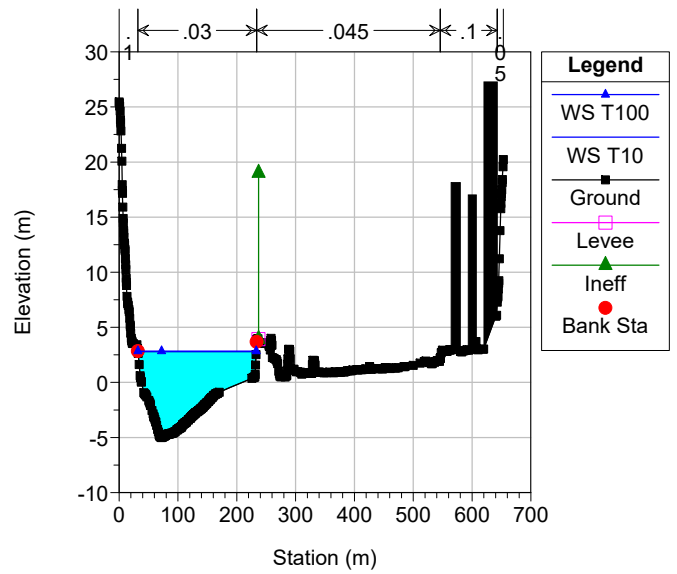
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 481.5066



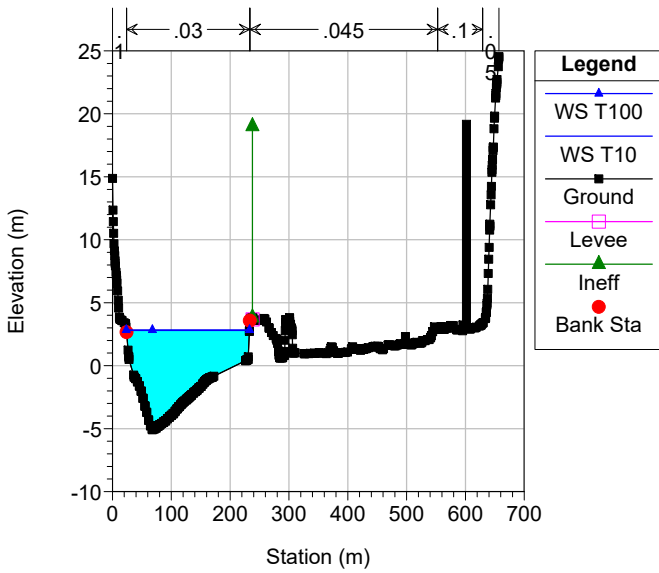
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 416.8413



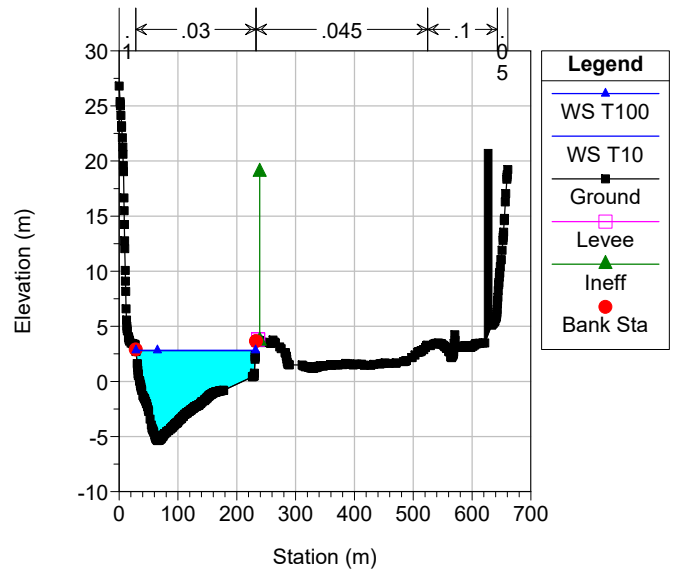
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 366.8122



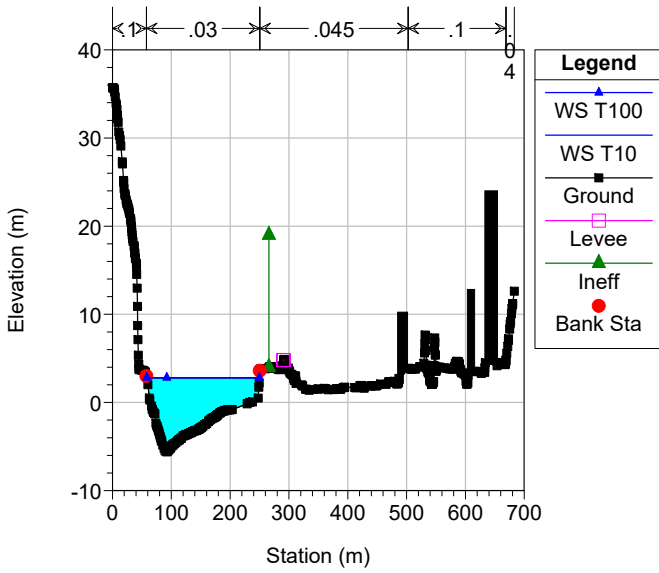
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 316.8093



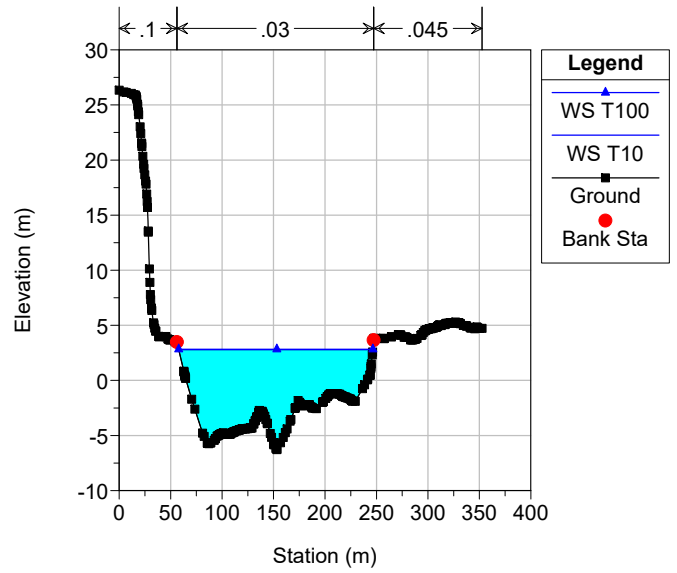
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 266.78



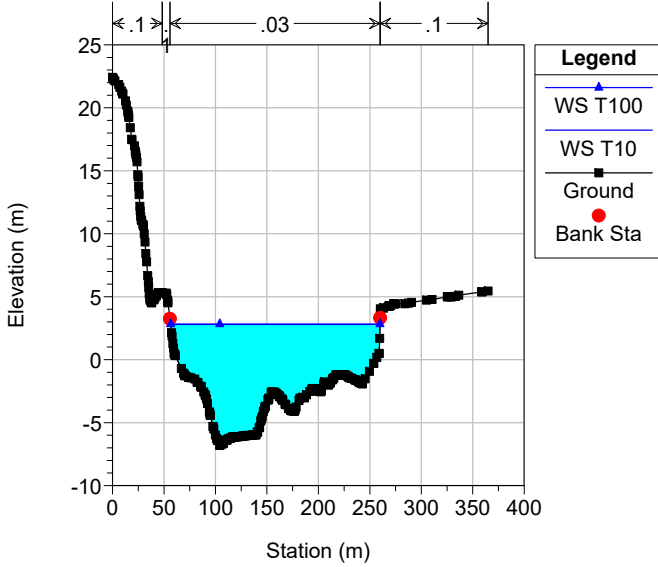
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 216.6627



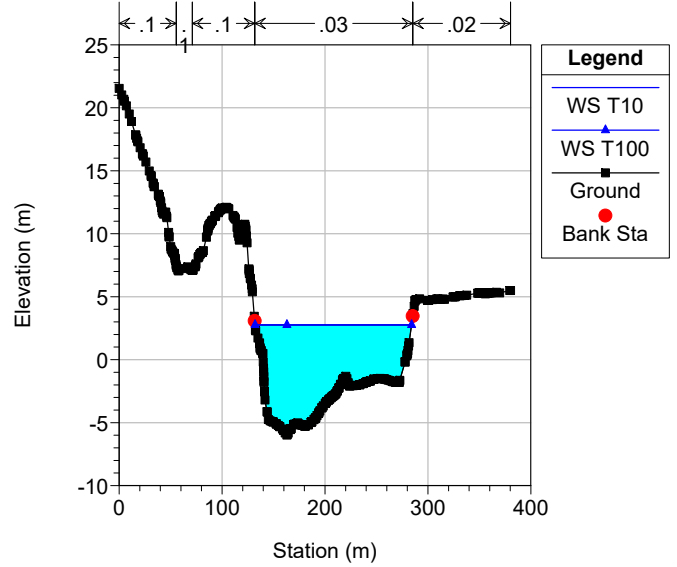
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 184.1351



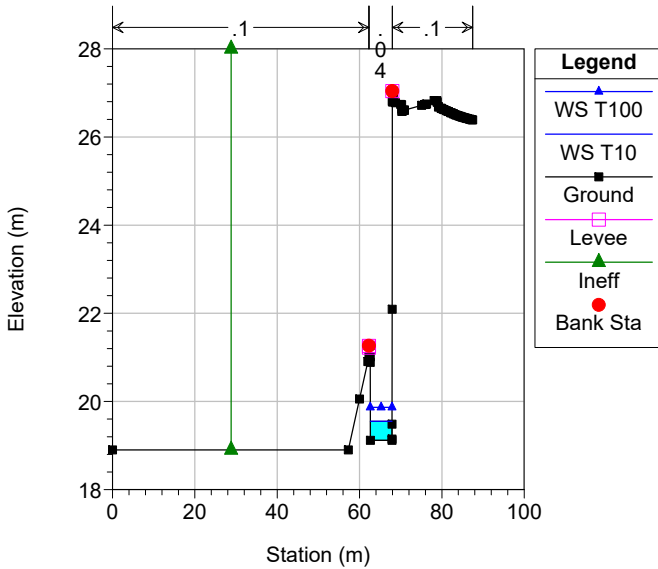
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 146.8827



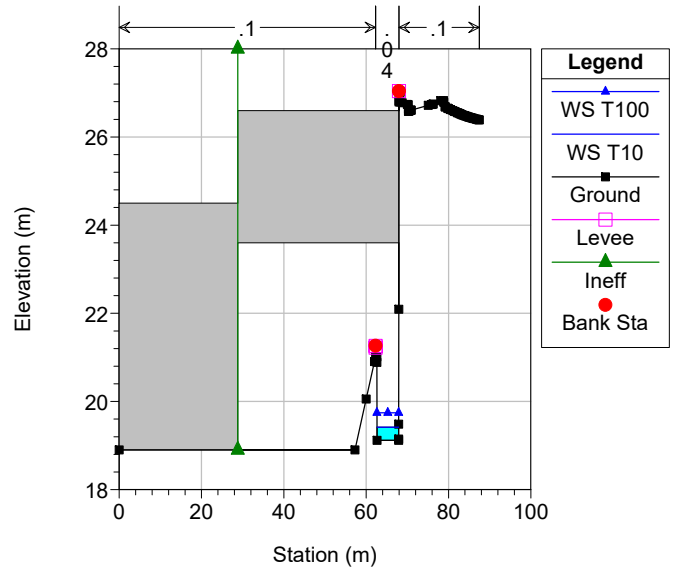
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = ORIA Reach = ORIA-1 RS = 93.1843



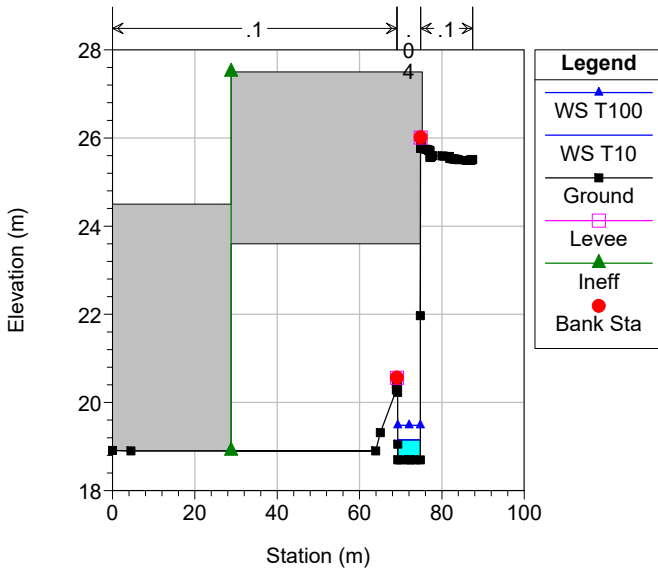
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 545.70 E-3 ANT



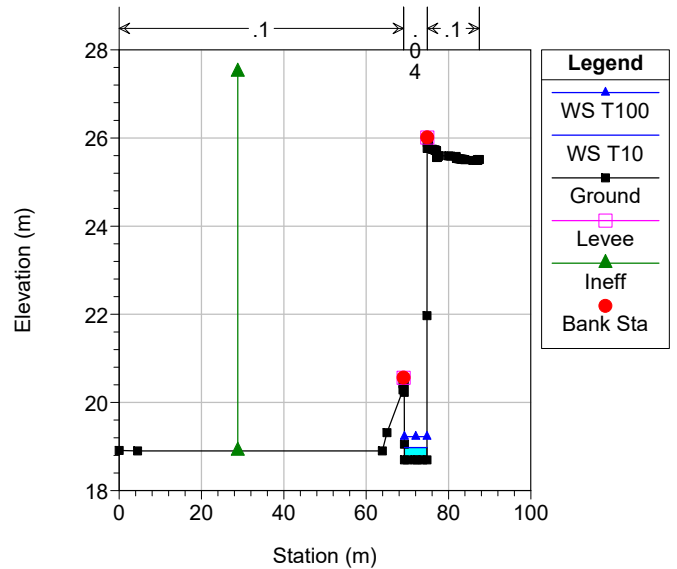
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 541.8 BR



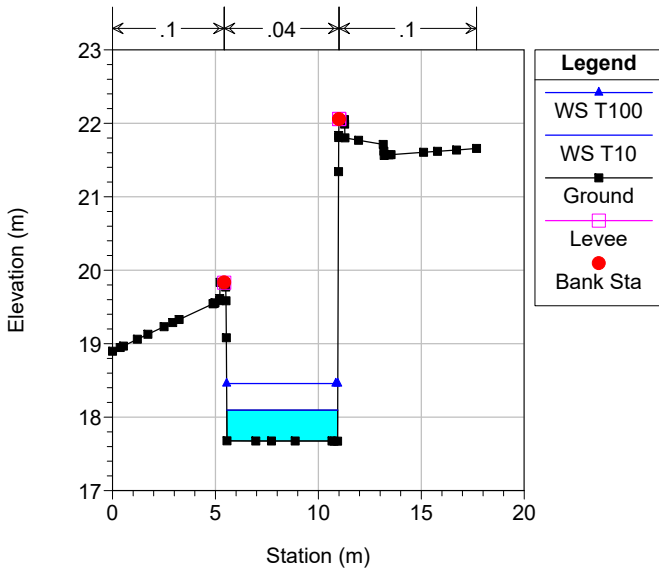
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 541.8 BR



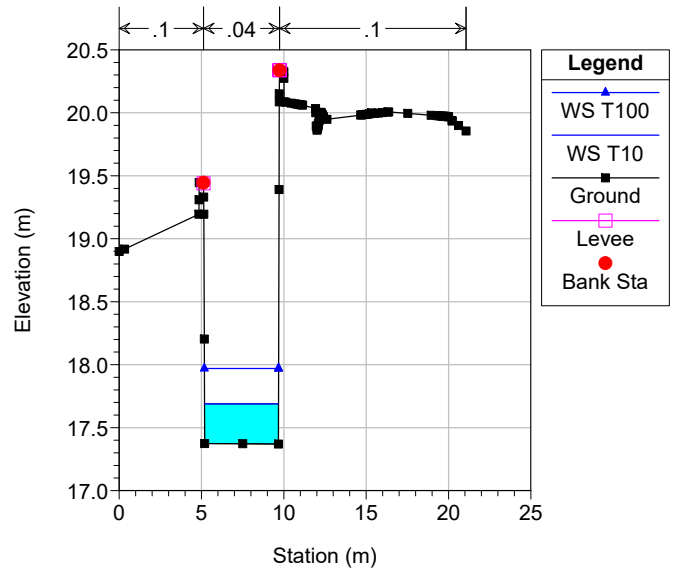
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 505.706 E-3 POS



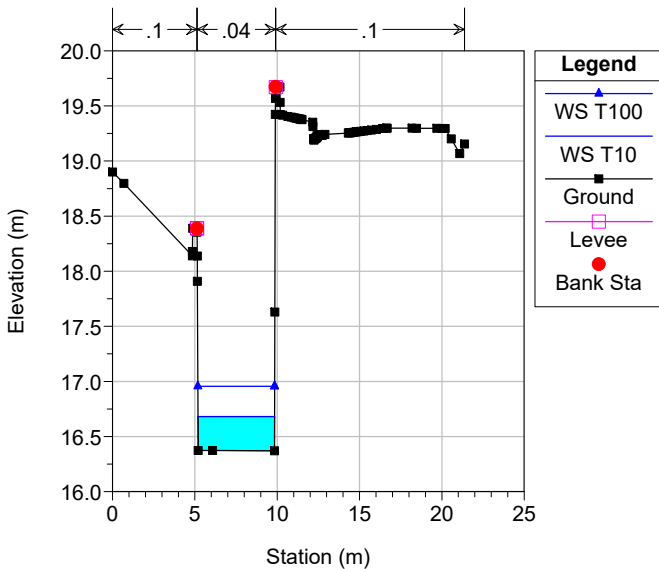
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 458.679 PR-6



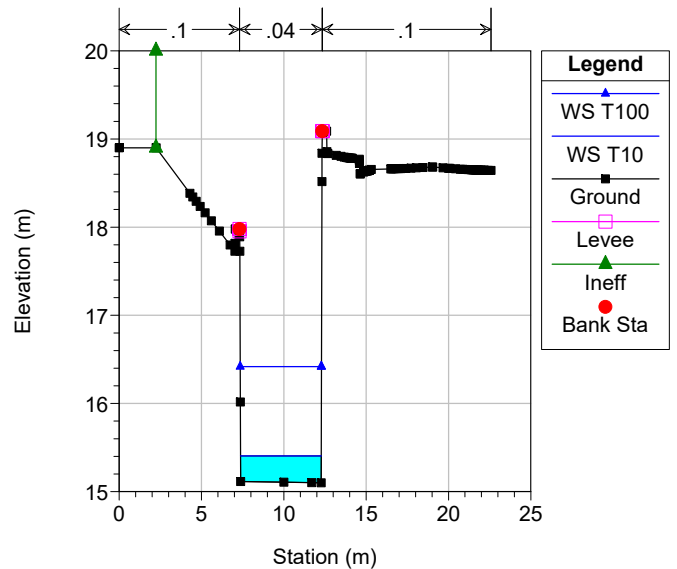
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 435.279 PR-5



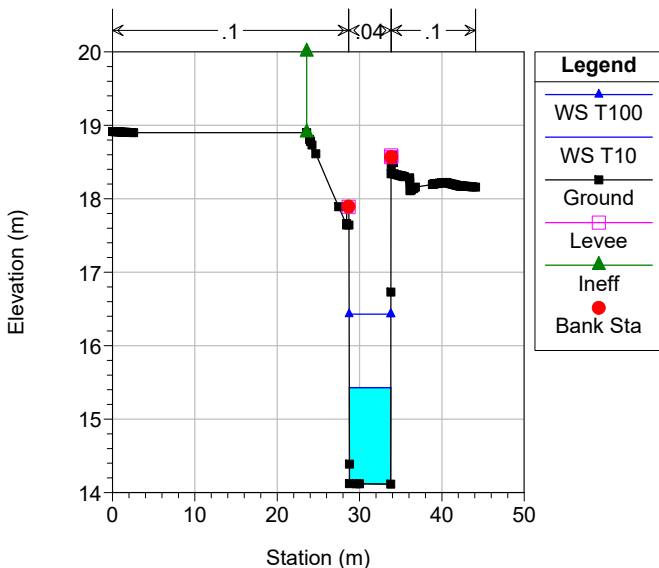
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 415.790 PR-4



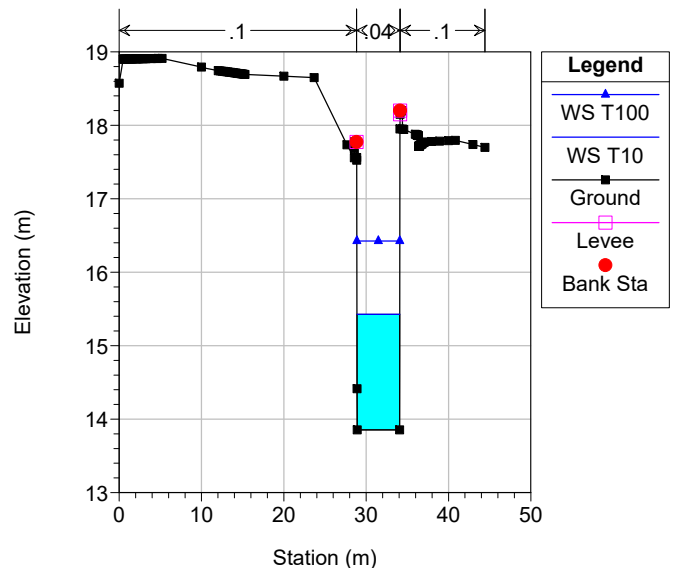
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 395.461 PR-3



Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 375.242 PR-2



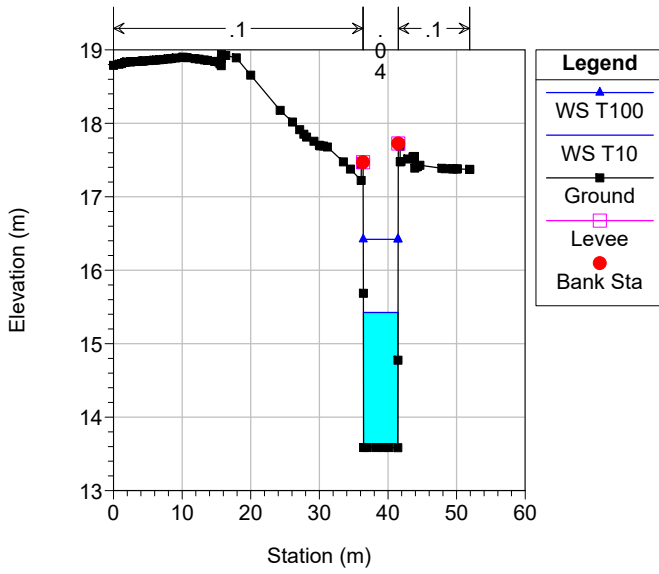
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT
 Geom: T10-100+REGATA FUT Flow: T10-100REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 355.242 E-2 ANT



Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT

Geom: T10-100+REGATA FUT Flow: T10-100REGATA

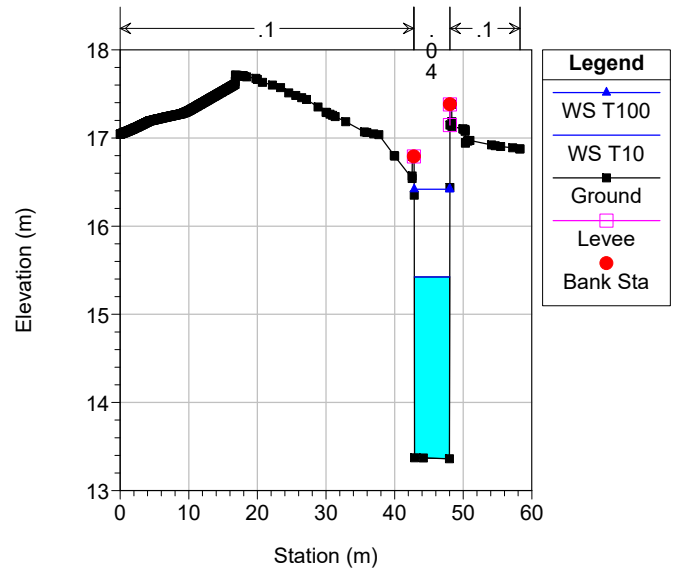
River = RegataURBIL Reach = RegataURBIL RS = 337.683 E-2 POS



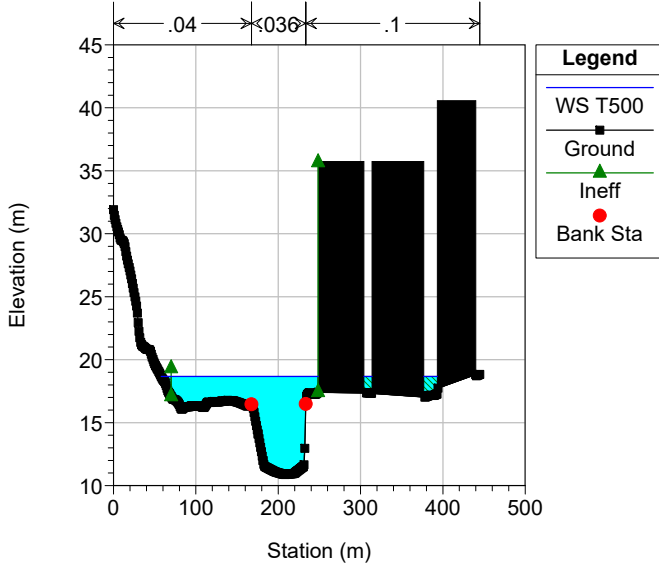
Usurbil_Orio ZAPATEGI 200304 Plan: T10-100REG FUT

Geom: T10-100+REGATA FUT Flow: T10-100REGATA

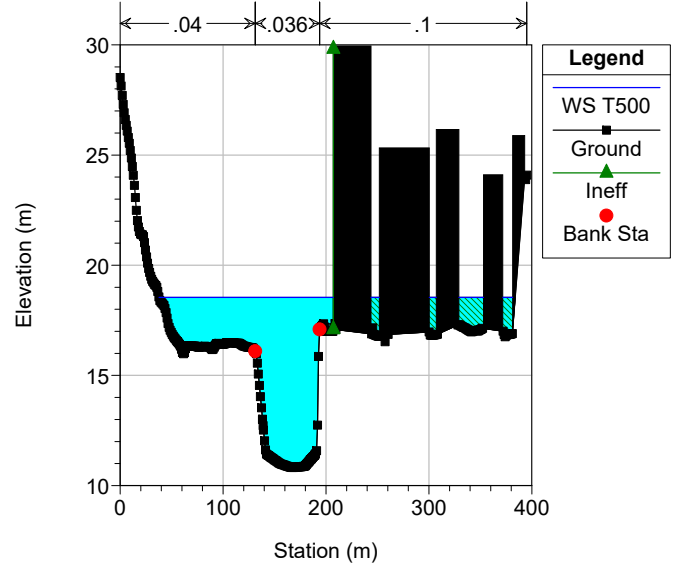
River = RegataURBIL Reach = RegataURBIL RS = 315.921 E-1 ANT



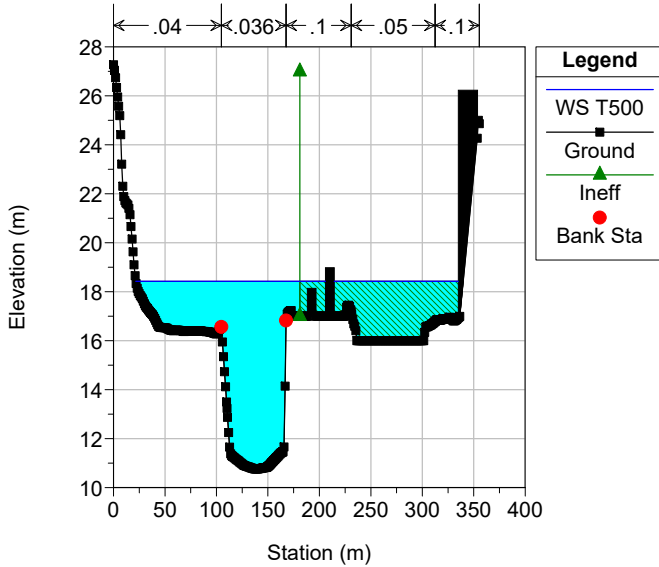
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16563.30



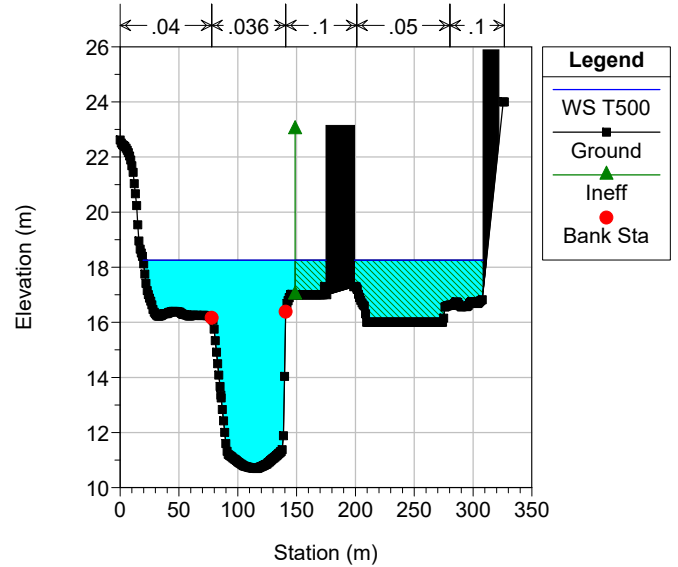
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16512.31



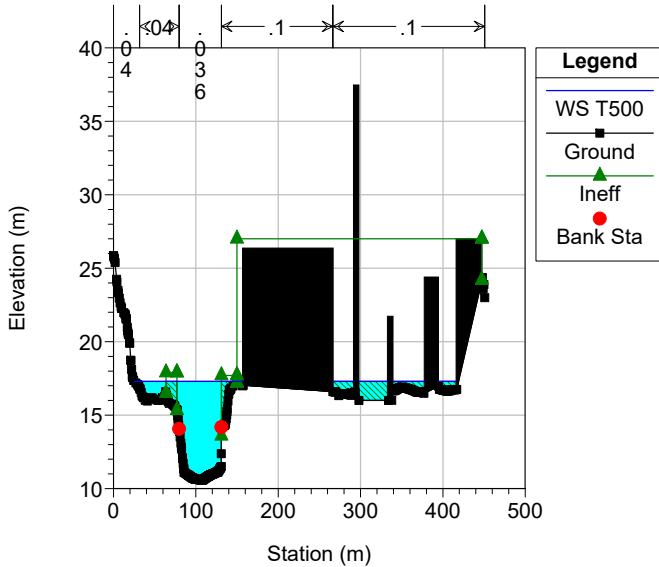
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16460.81



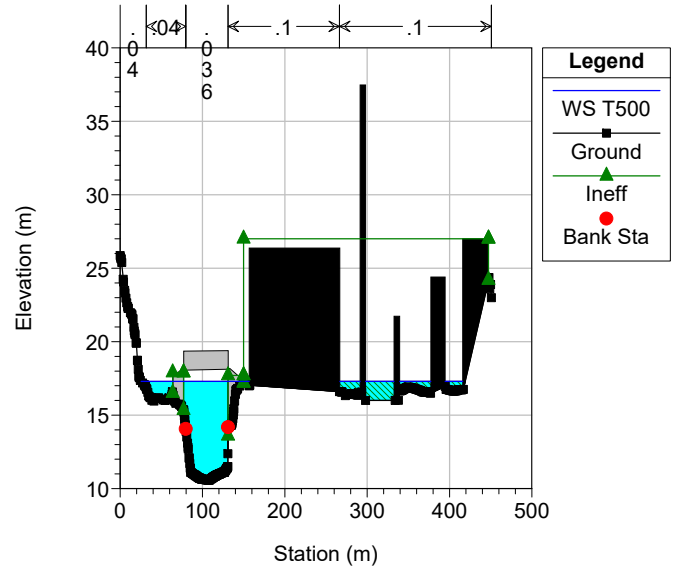
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16411.62



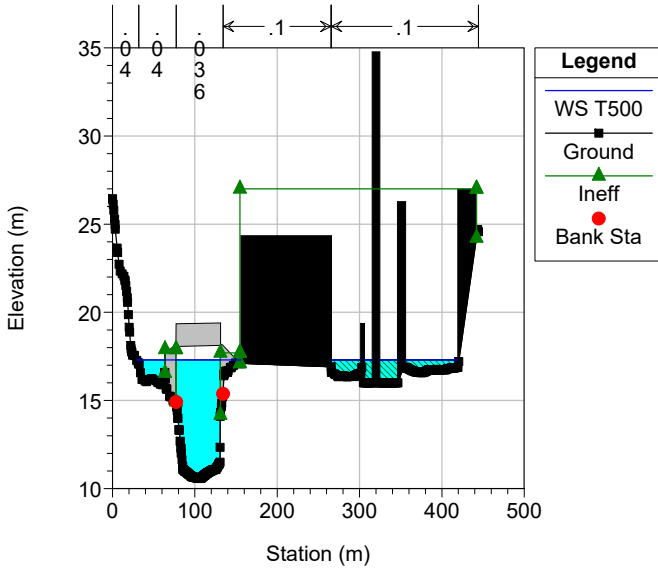
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16349.22



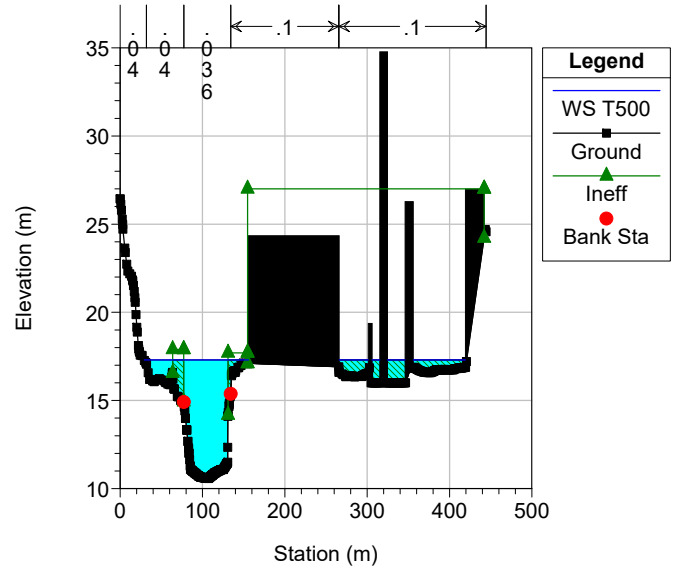
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16347.99 BR E107



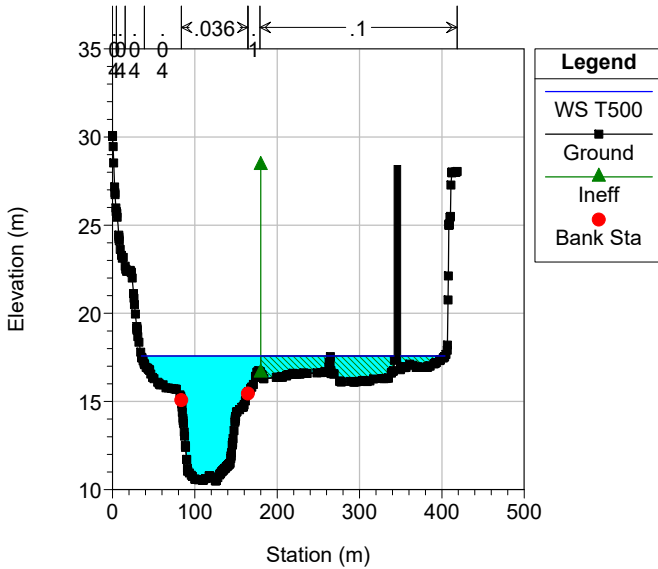
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16347.99 BR E107



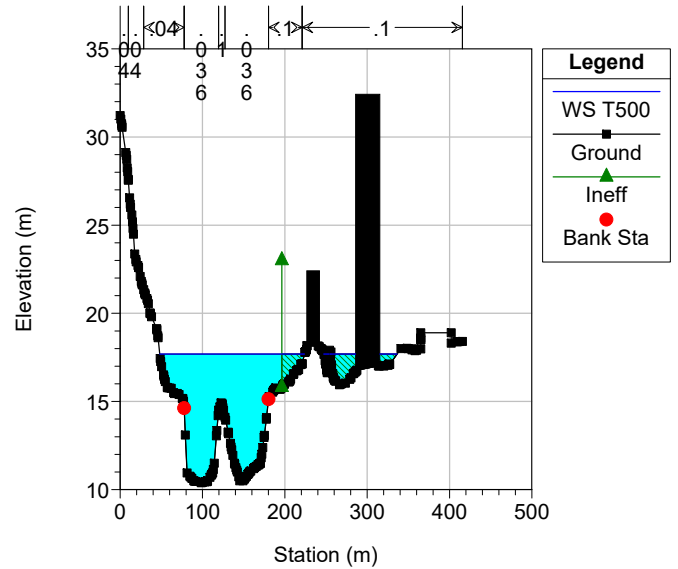
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16346.30



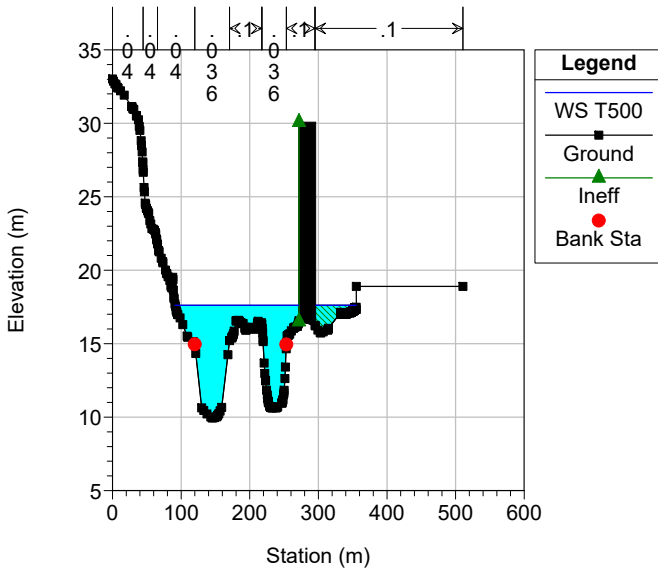
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16320.97



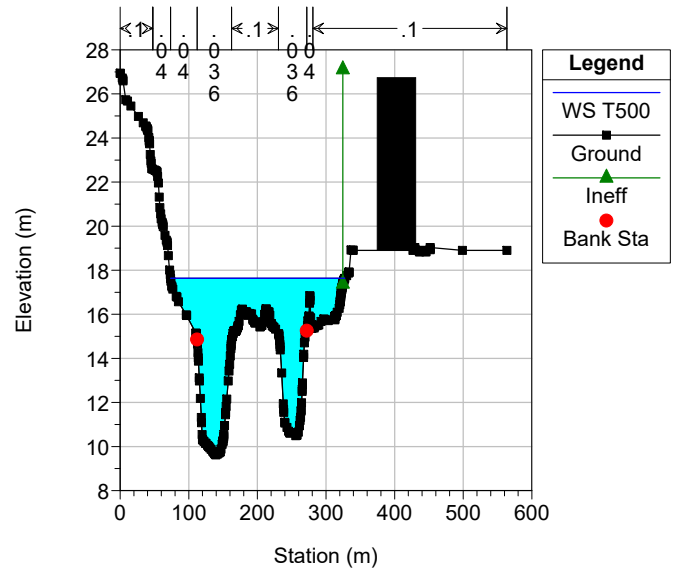
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16274.54



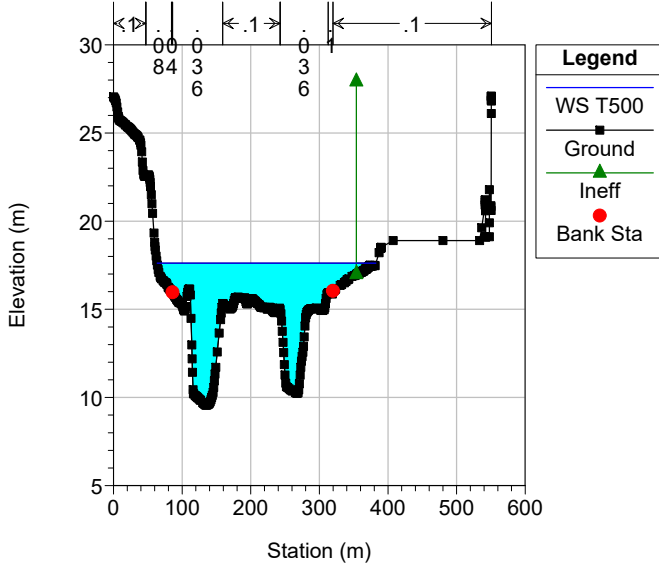
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16224.48



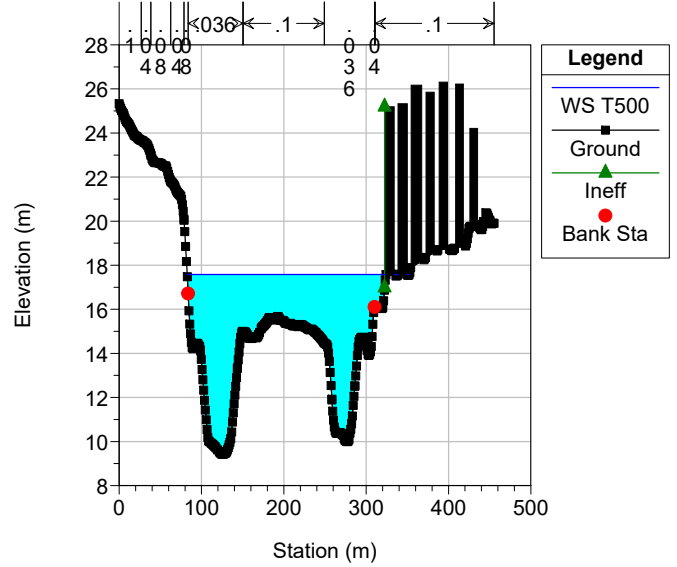
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16163.02



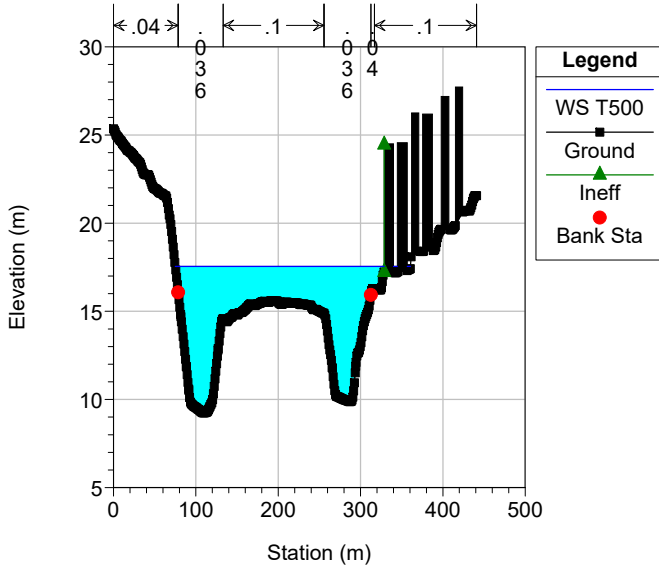
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2 RS = 16134.34



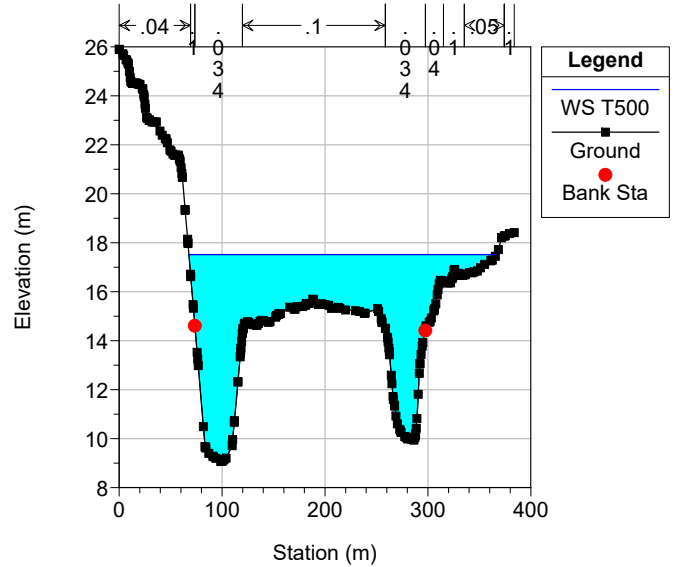
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 16083.65



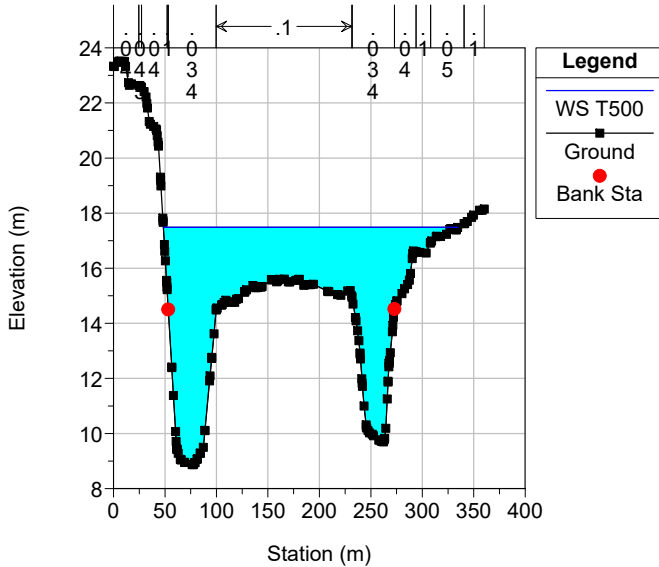
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 16031.29



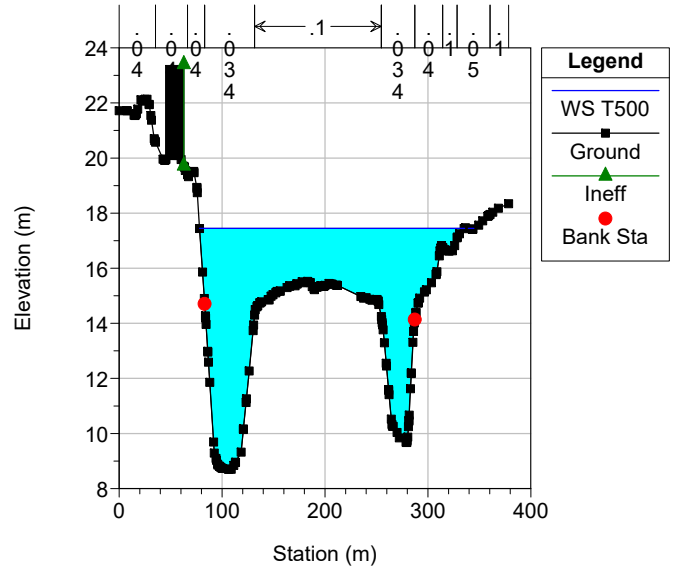
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 16000.81



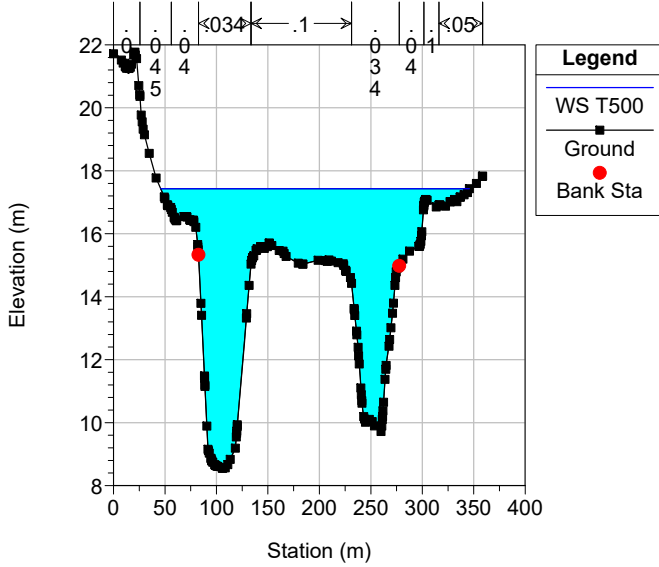
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15960.27



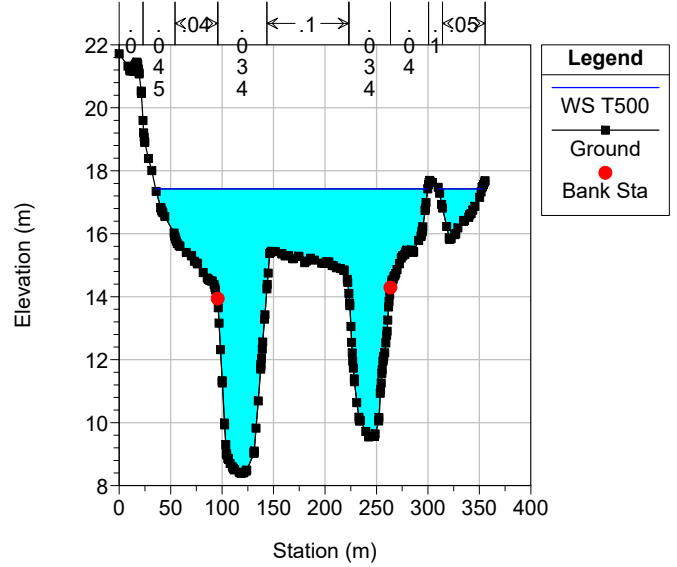
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15925.95



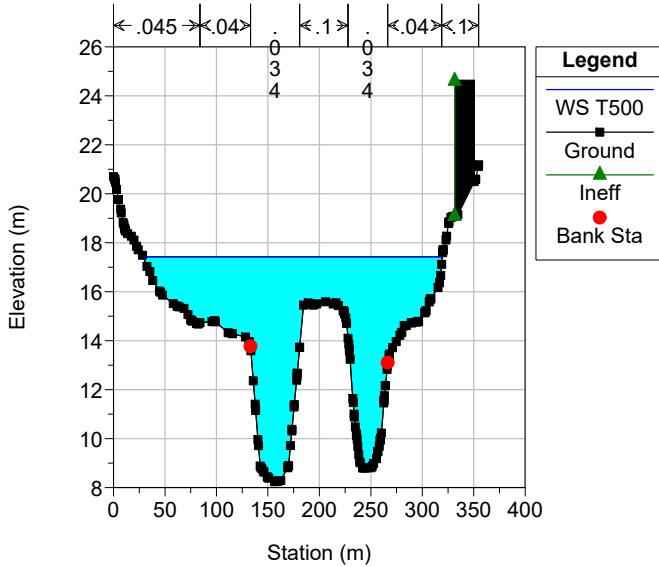
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15896.56



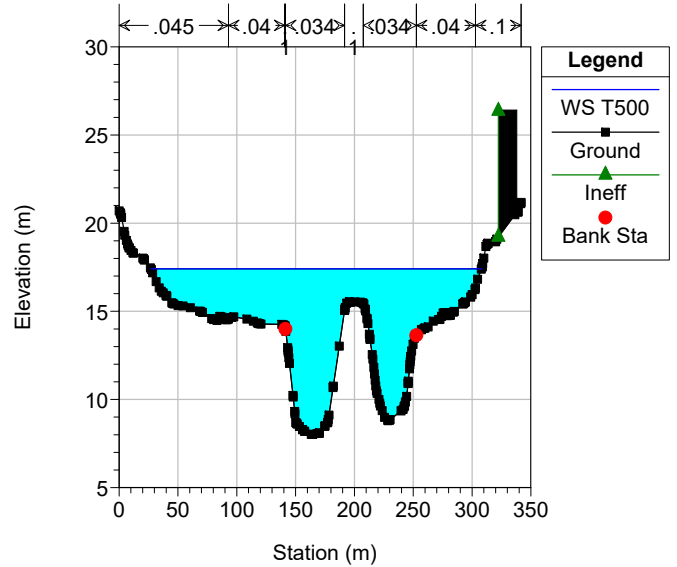
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15863.90



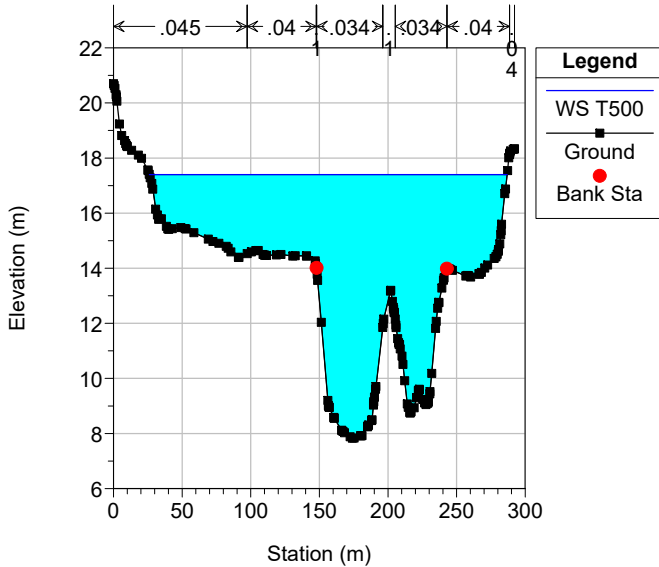
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15832.96



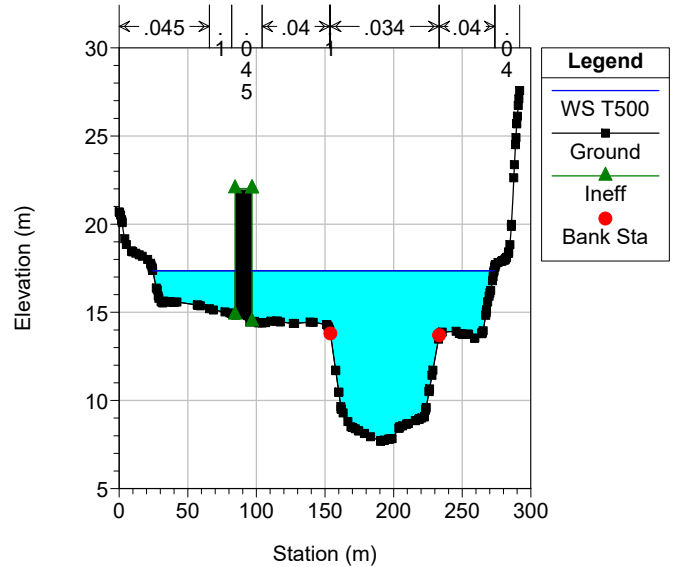
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15798.94



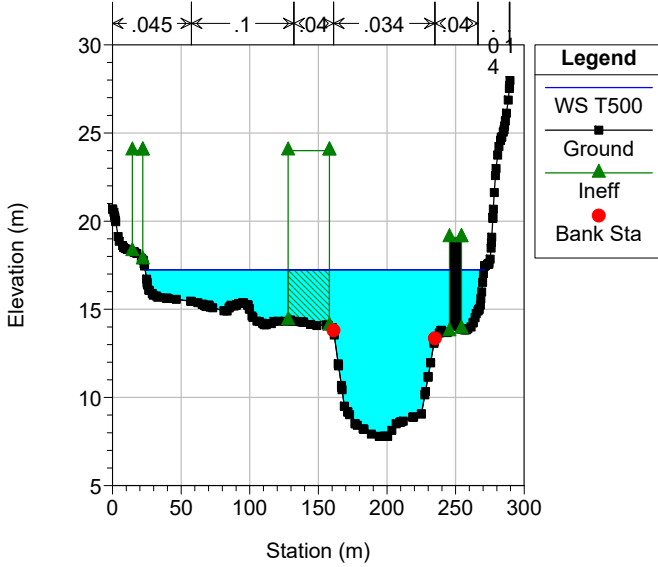
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15773.00



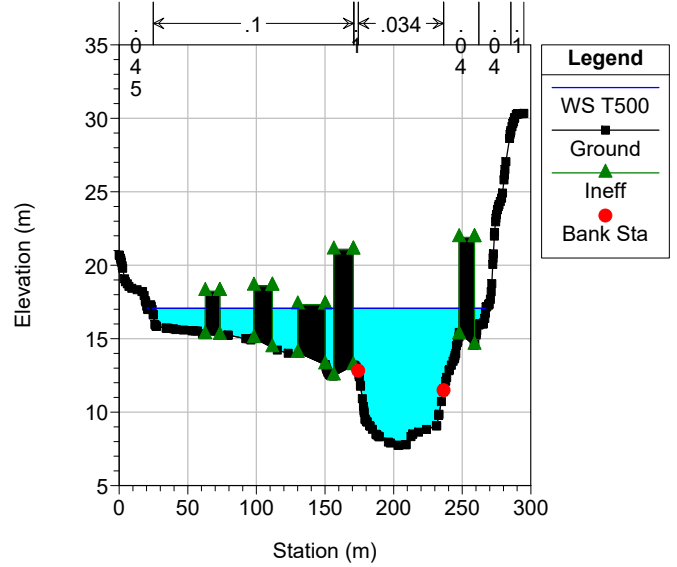
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15744.06



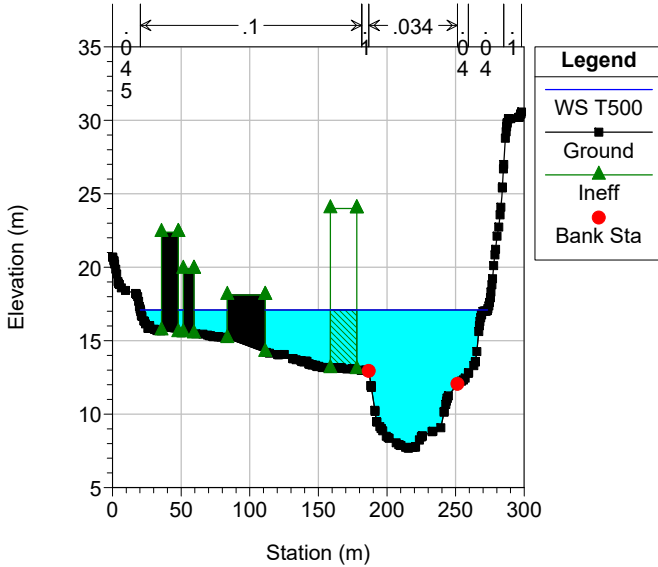
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15723.44



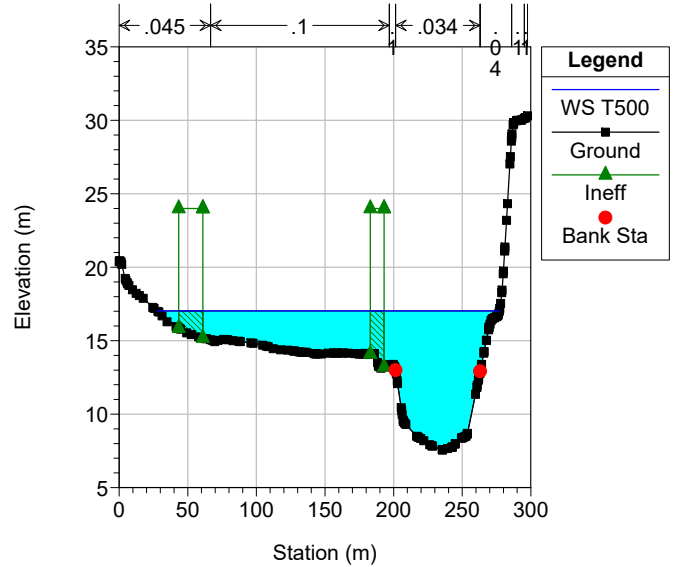
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15698.95



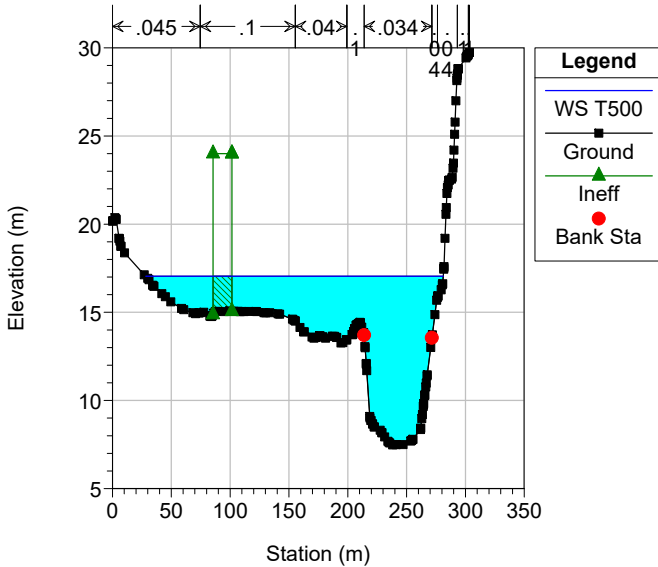
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15670.31



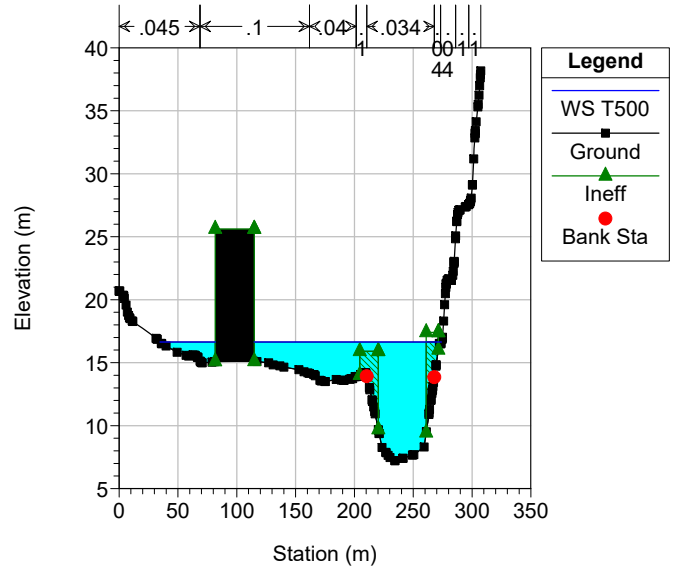
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15629.25



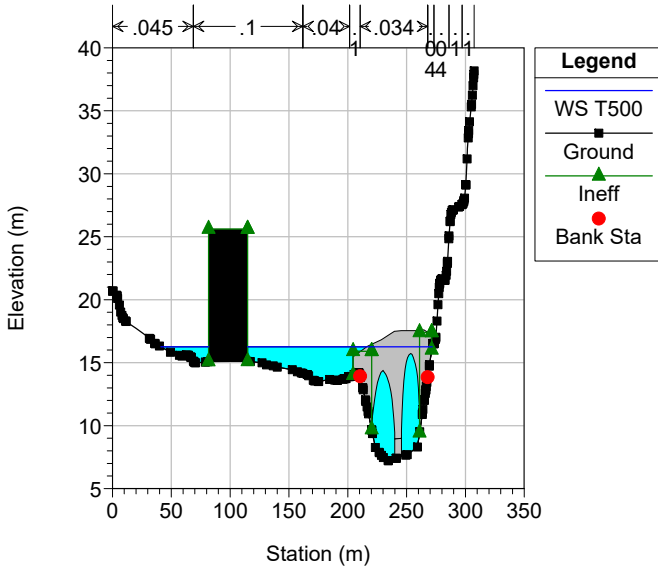
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15581.08



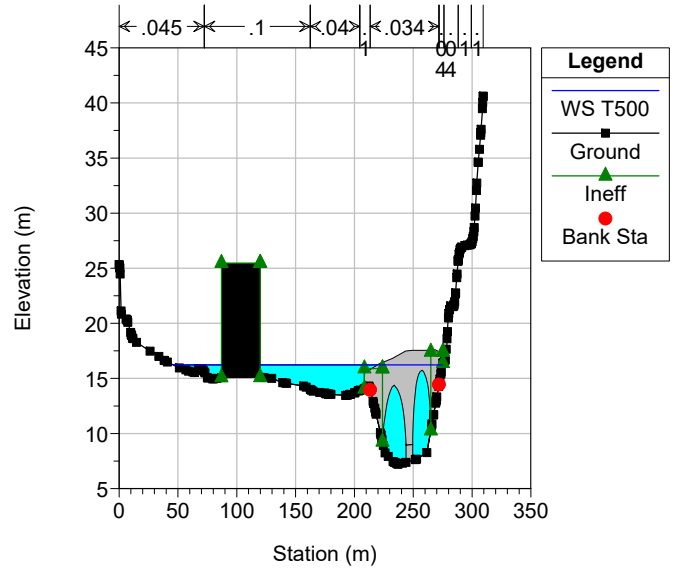
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15541.86



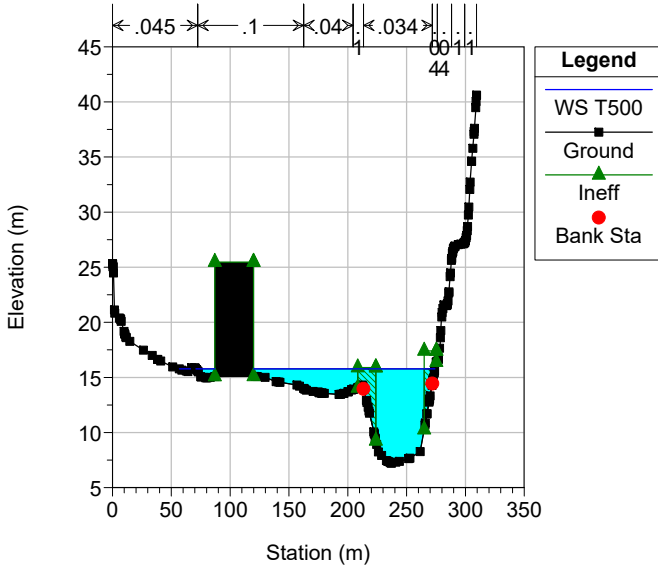
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15535.32 MO



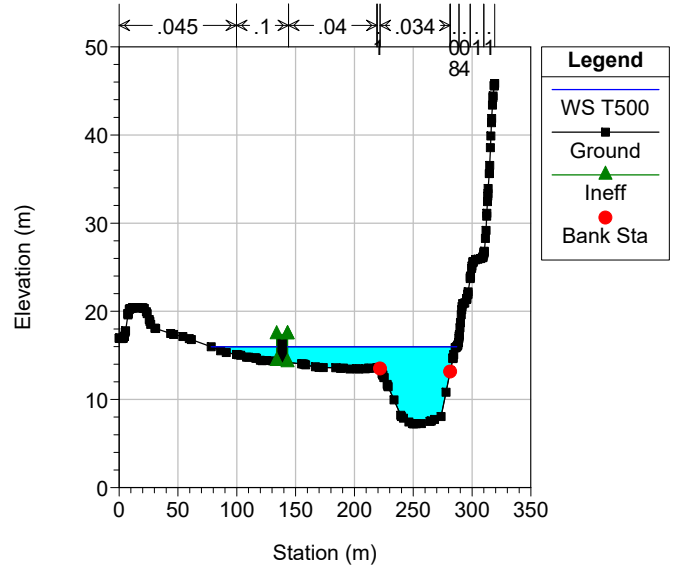
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15535.32 MO



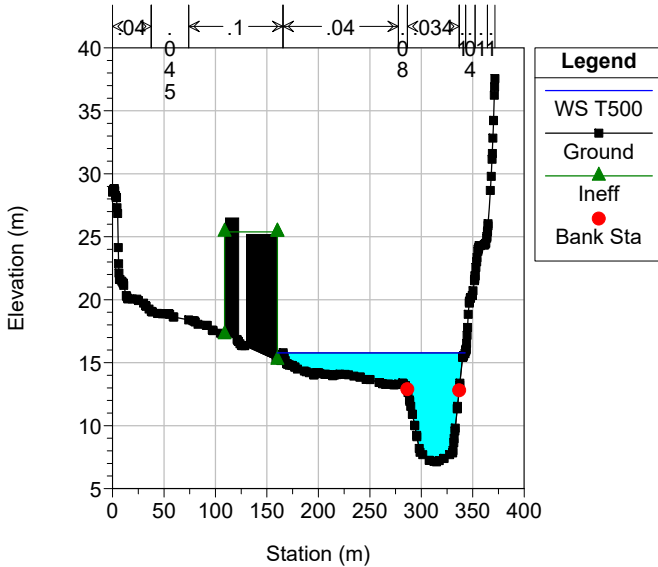
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15535.16



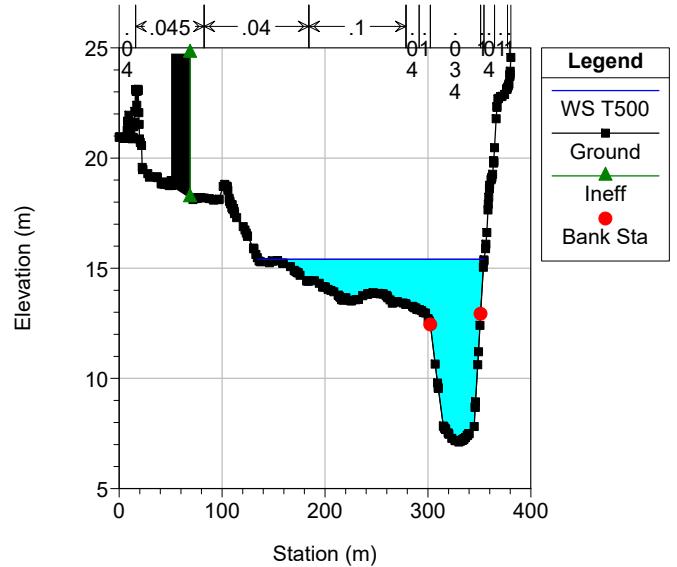
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15499.05



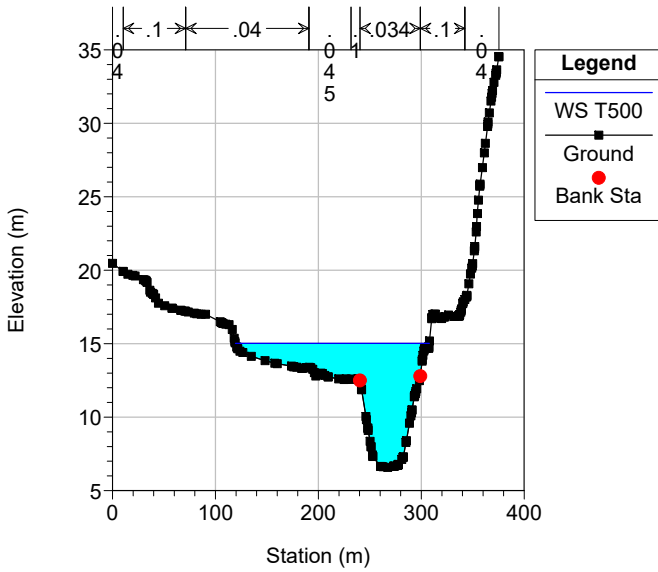
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15459.37



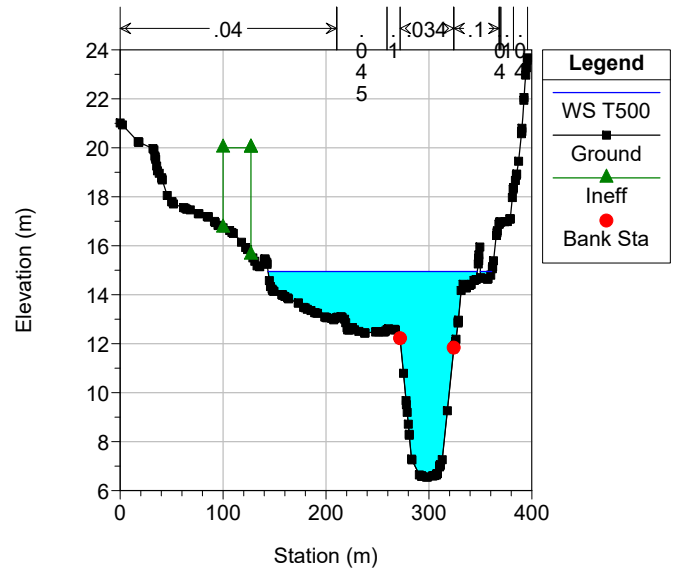
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 15421.29



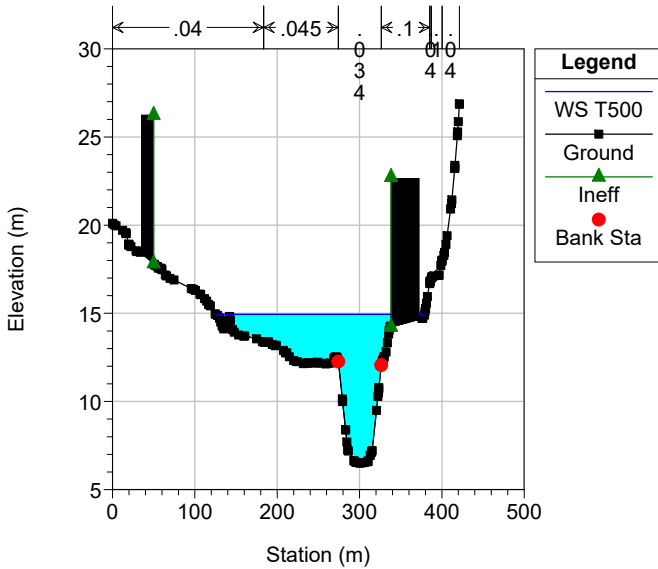
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 15072.87



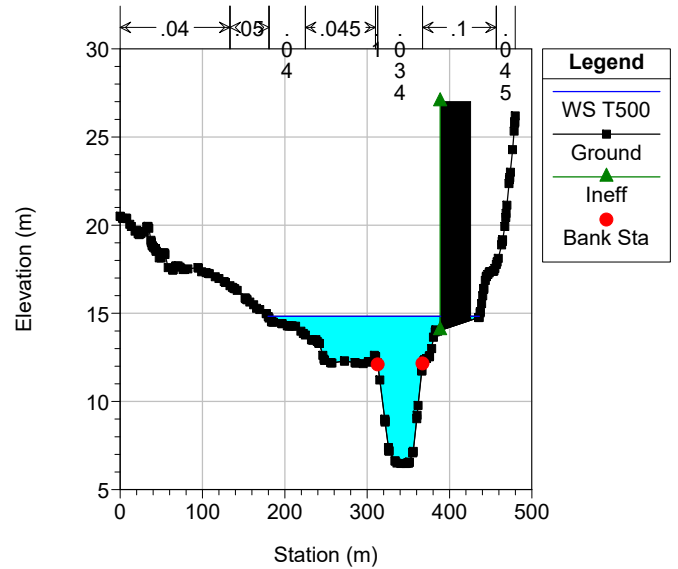
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 15021.28



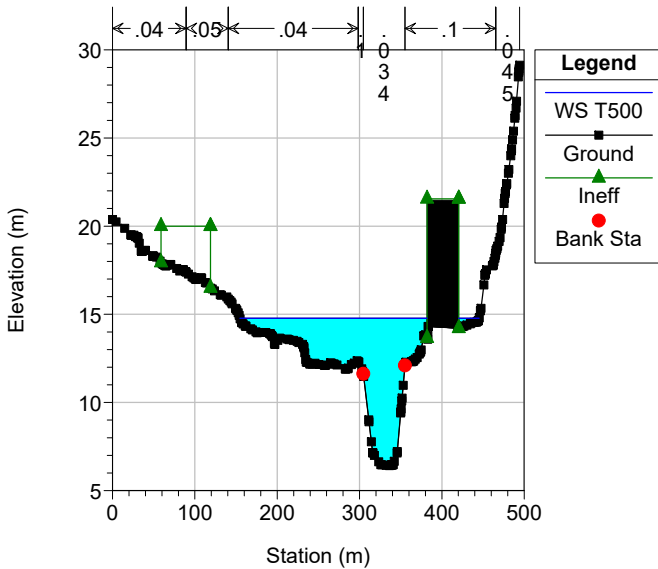
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 14970.36



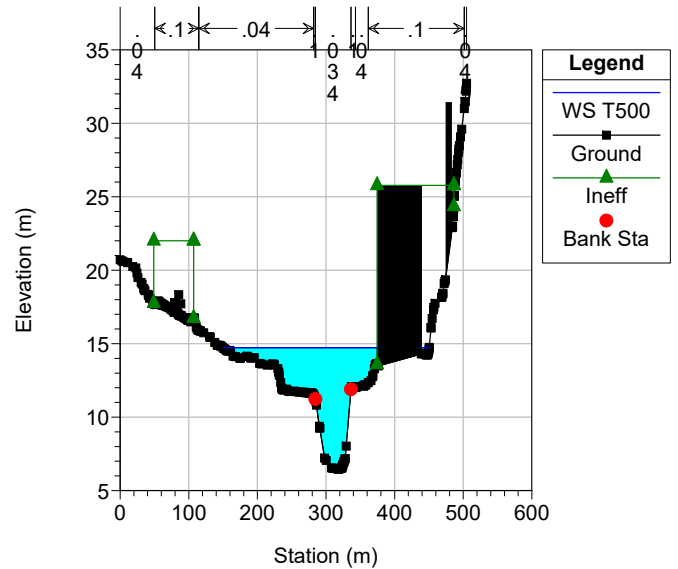
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 14922.00



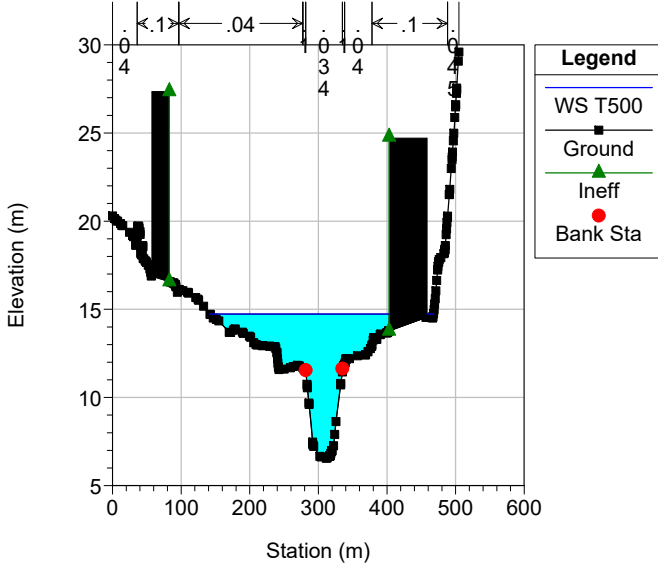
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 14873.26



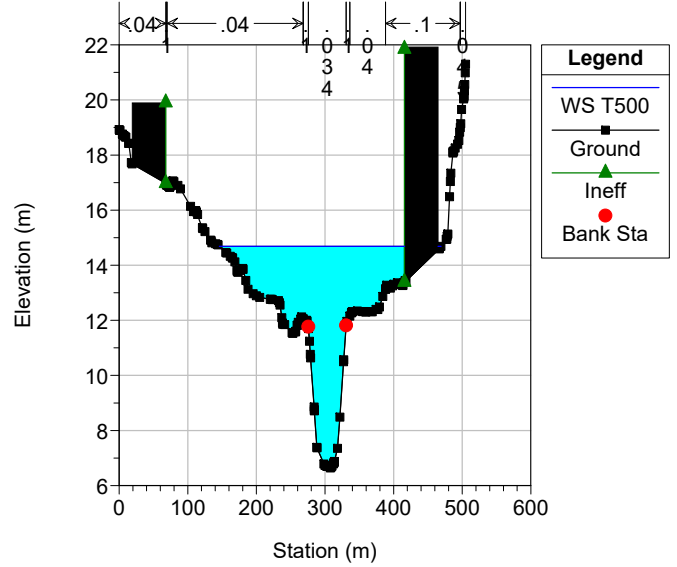
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 14823.96



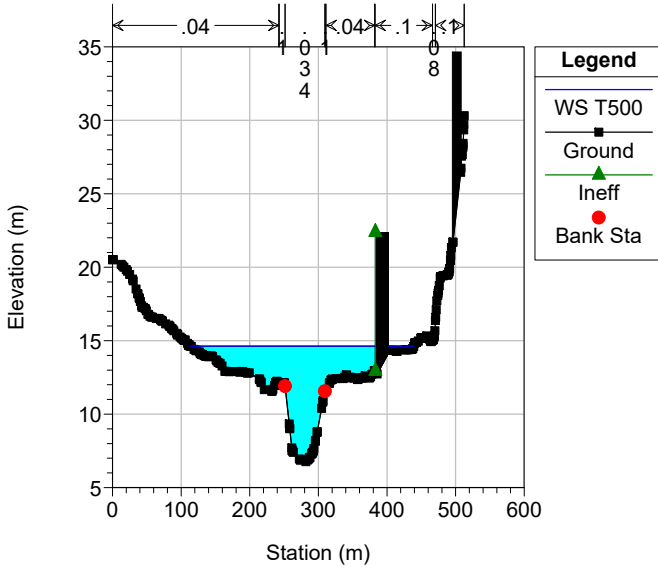
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14773.64



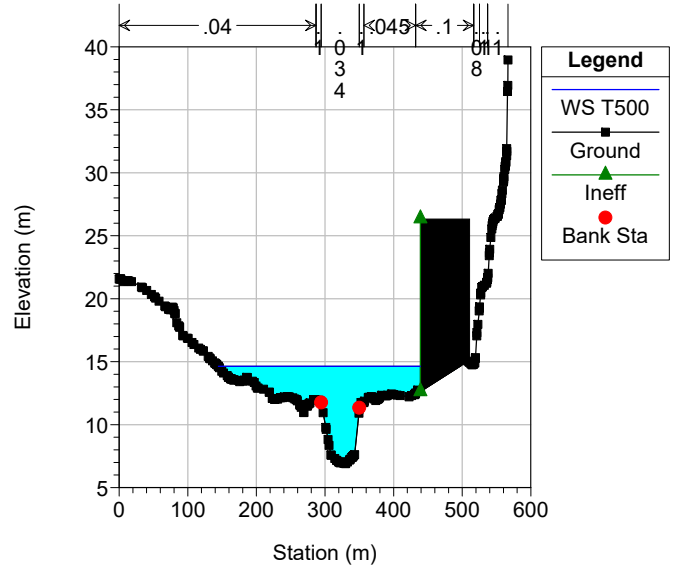
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
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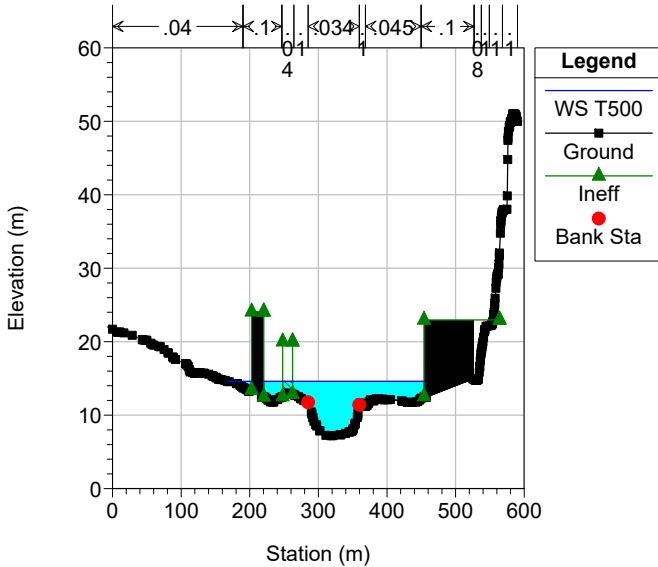
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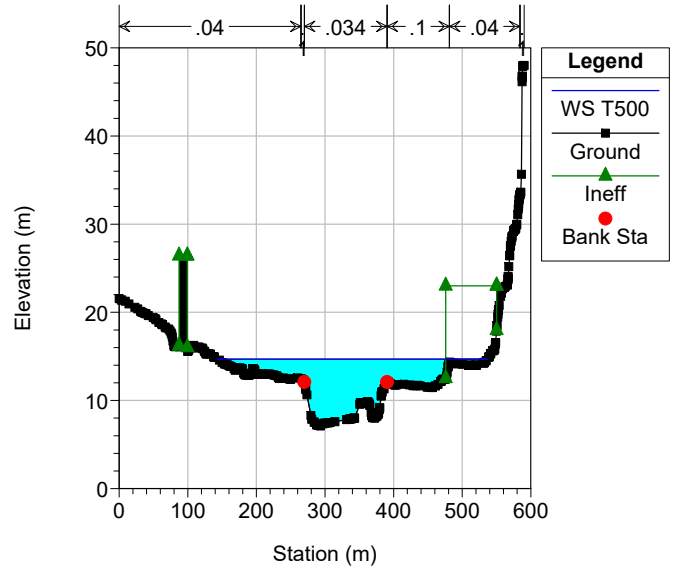
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14605.55



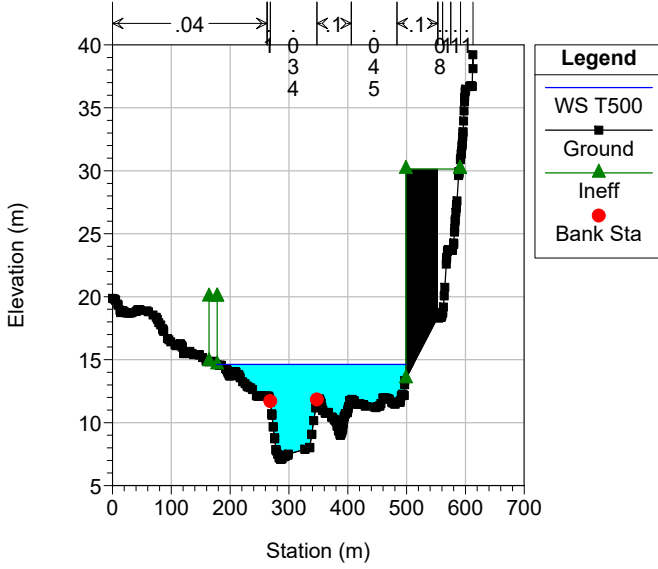
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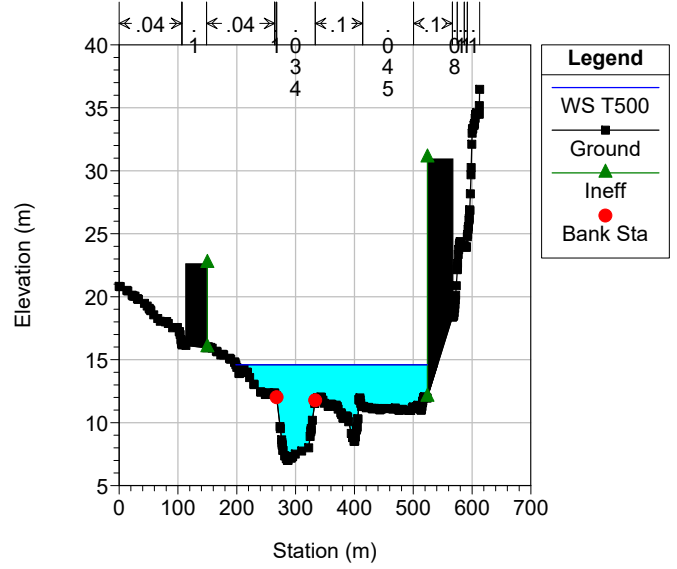
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 River = ORIA Reach = ORIA-2REGATA RS = 14500.36



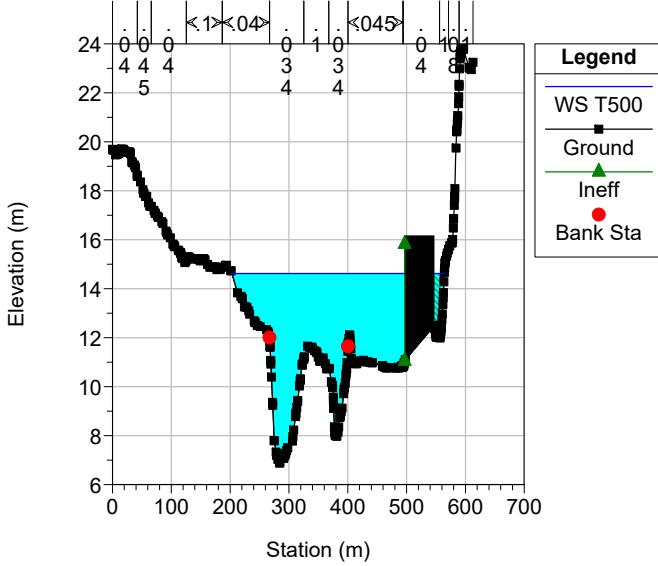
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14449.37



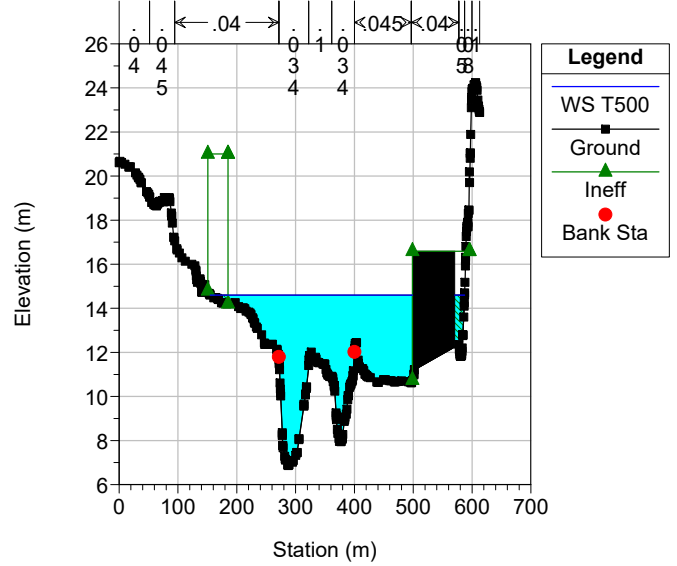
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14399.30



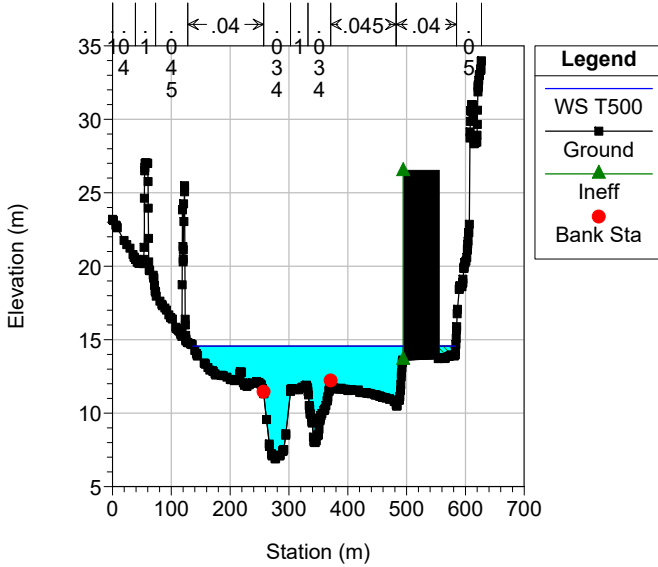
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14349.13



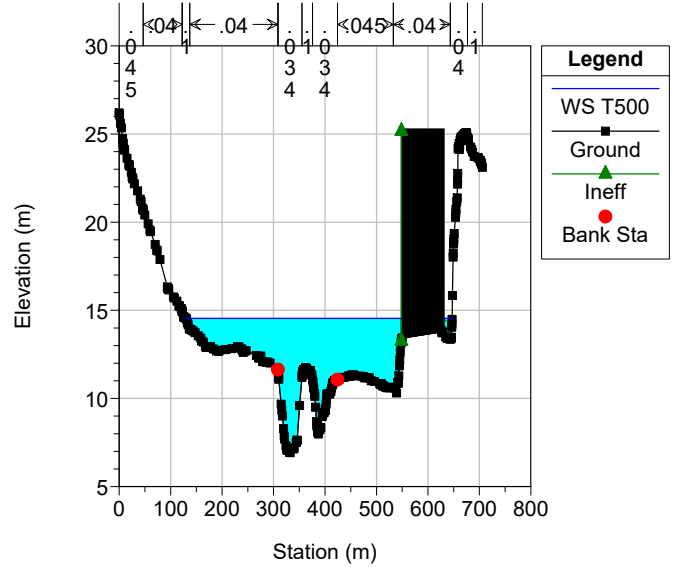
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 14328.20



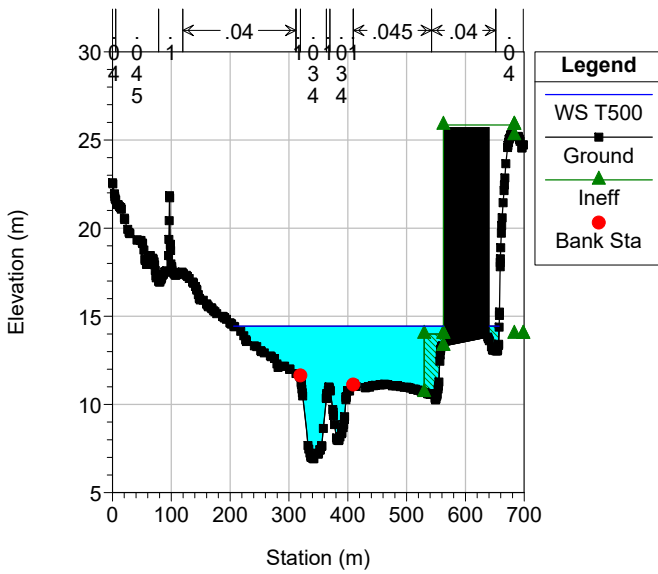
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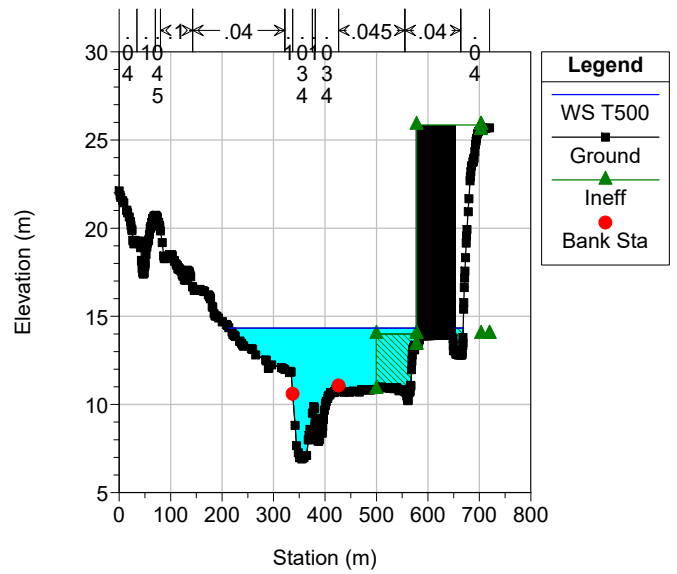
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 River = ORIA Reach = ORIA-2REGATA RS = 14171.25



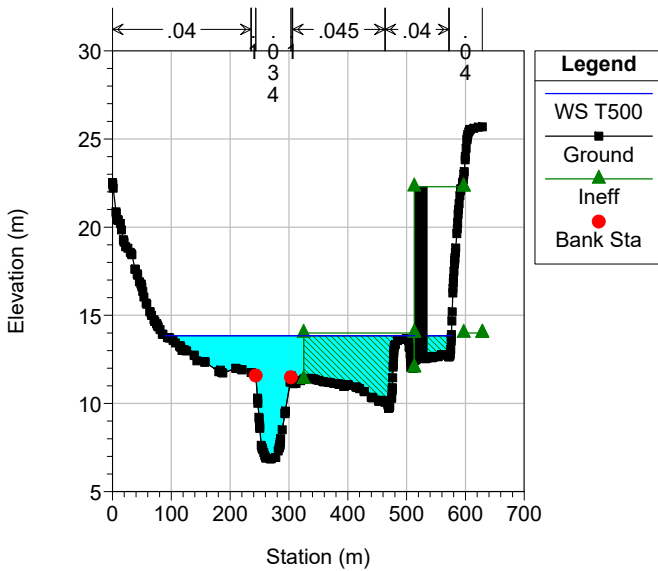
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
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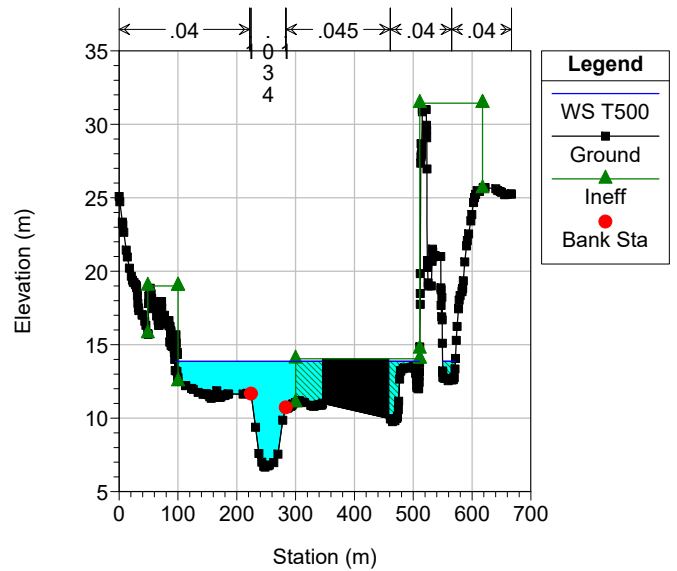
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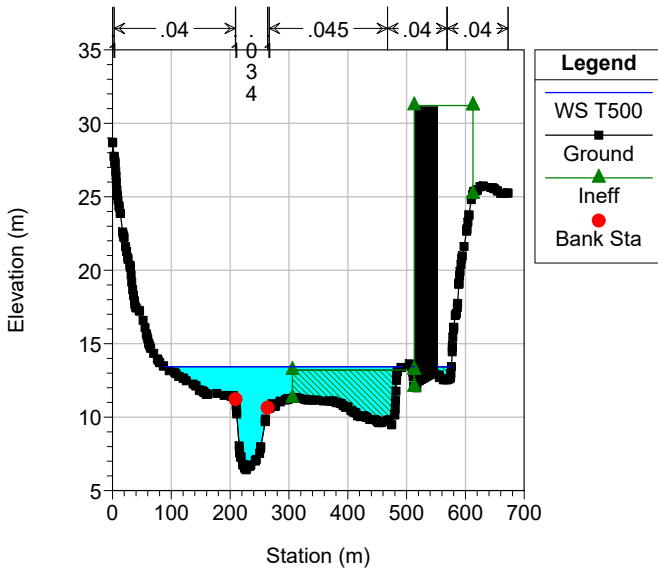
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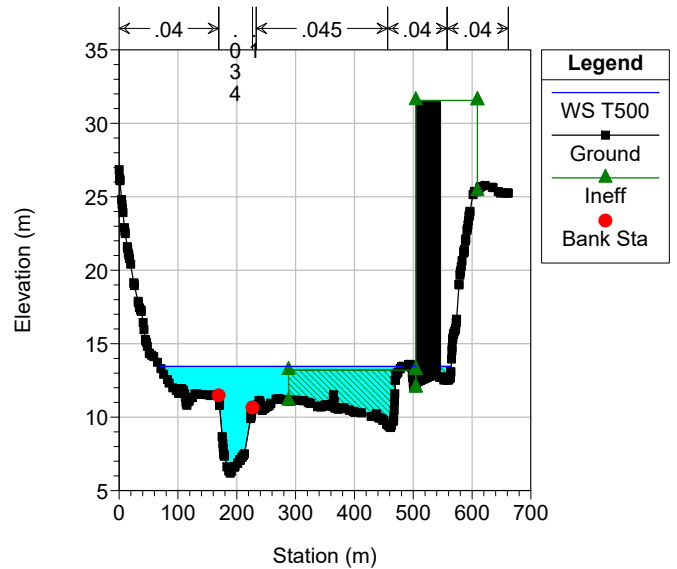
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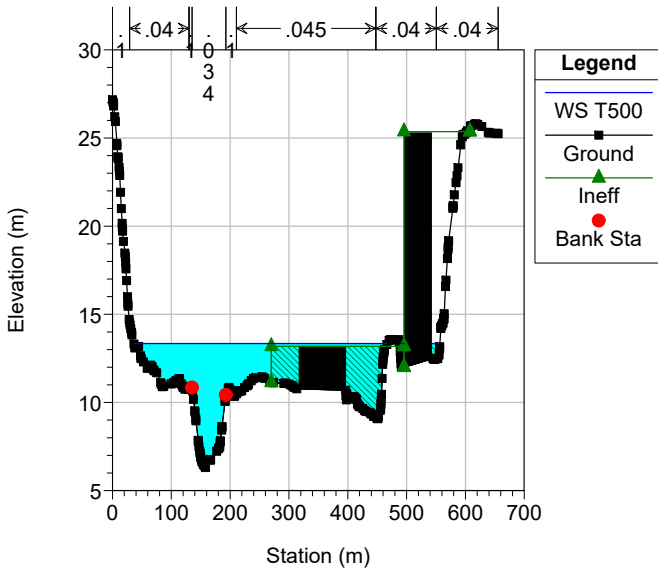
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 River = ORIA Reach = ORIA-2REGATA RS = 13910.59



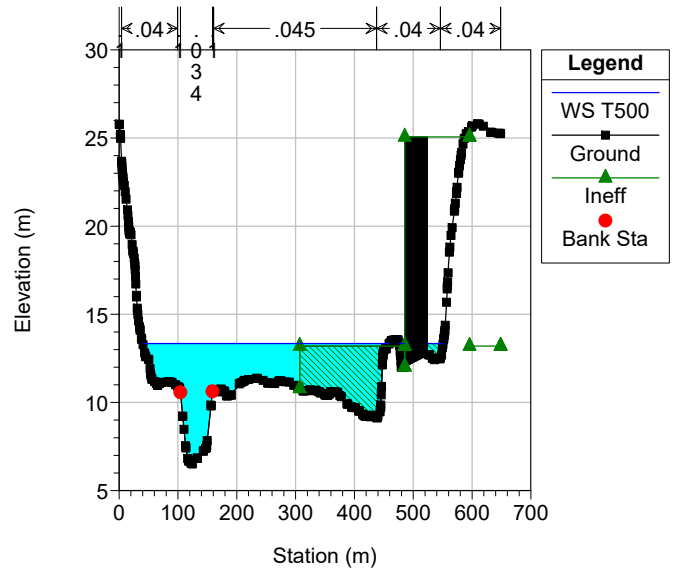
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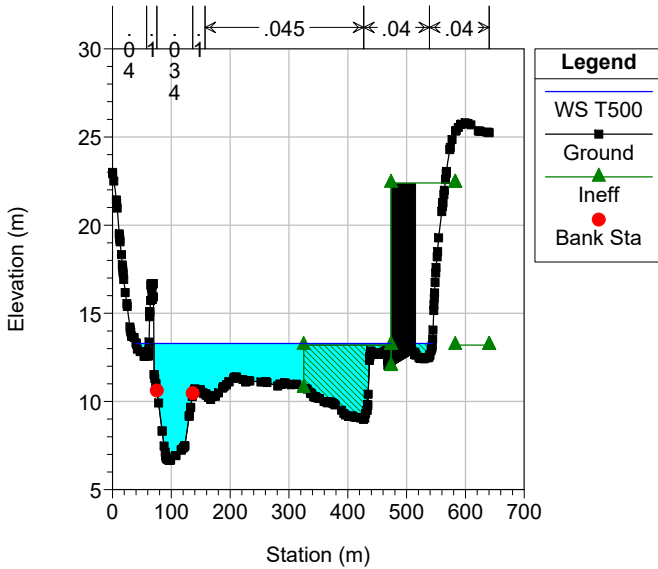
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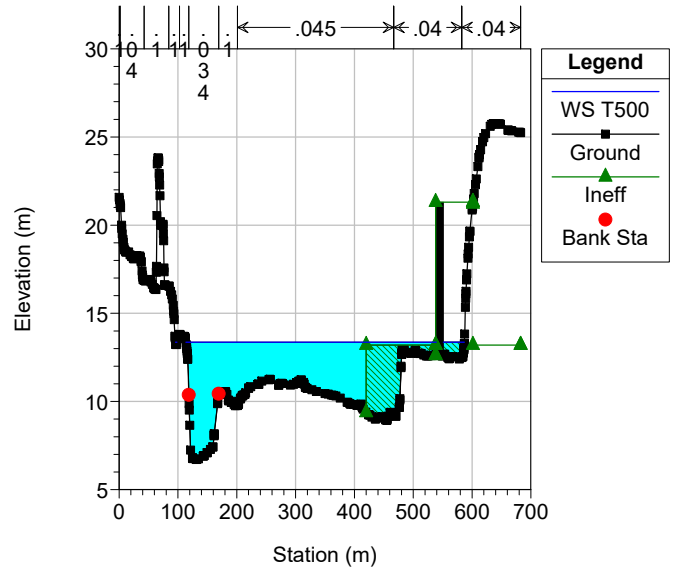
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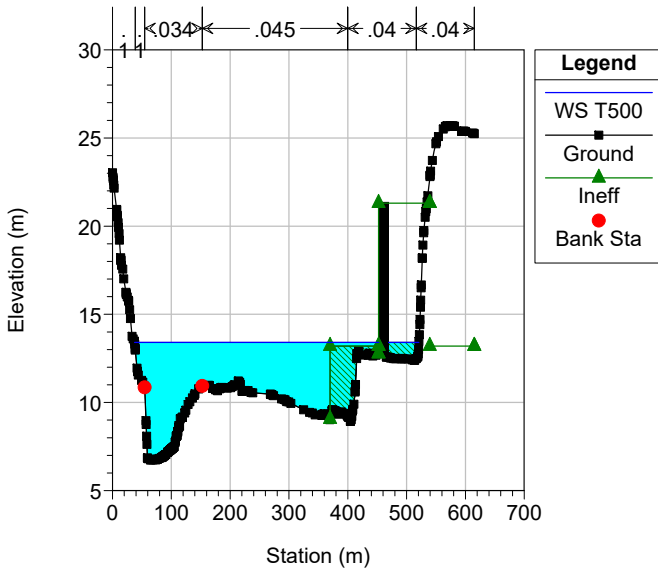
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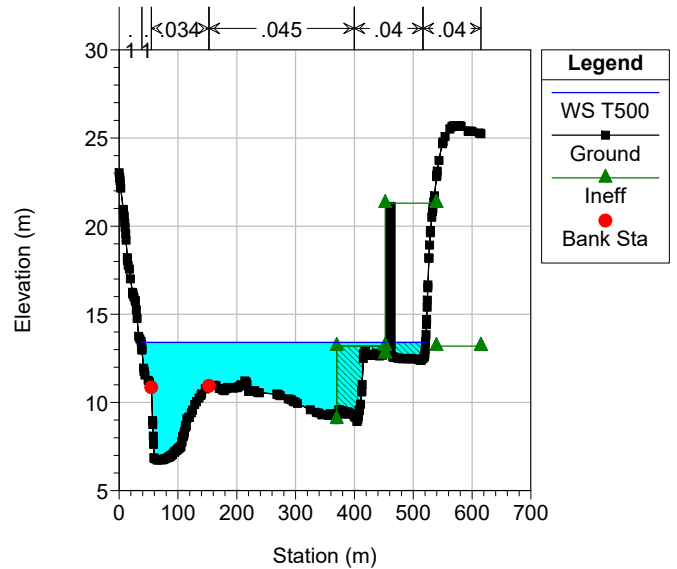
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13637.55



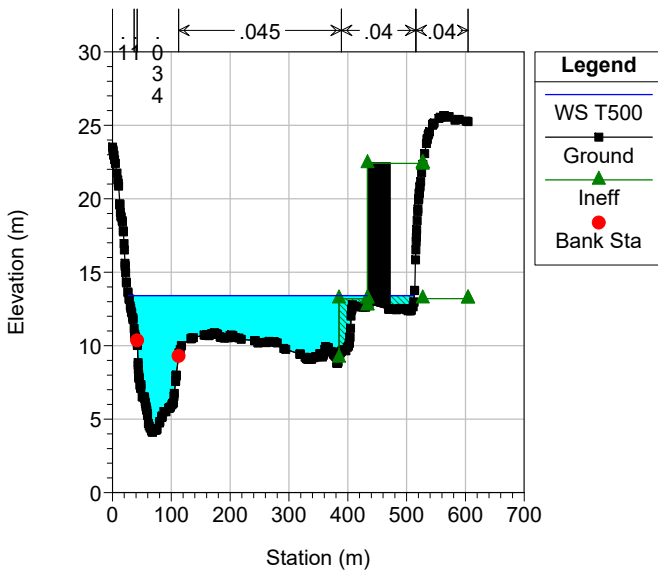
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 River = ORIA Reach = ORIA-2REGATA RS = 13579.41



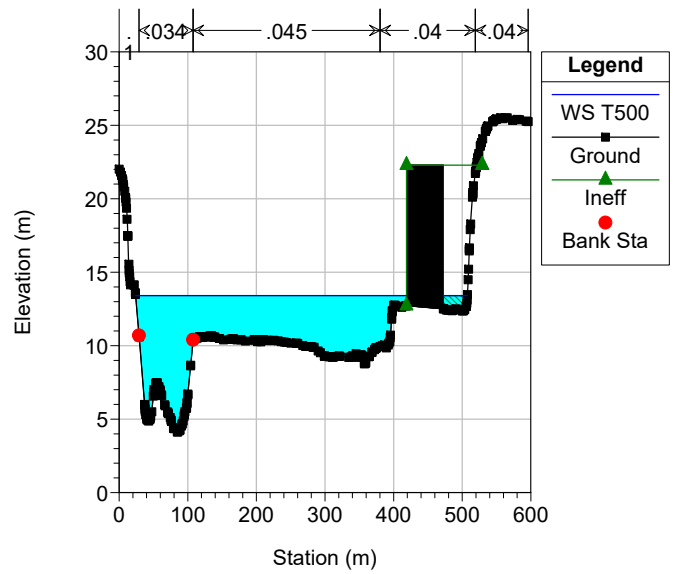
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 River = ORIA Reach = ORIA-2REGATA RS = 13576.50 IS E109



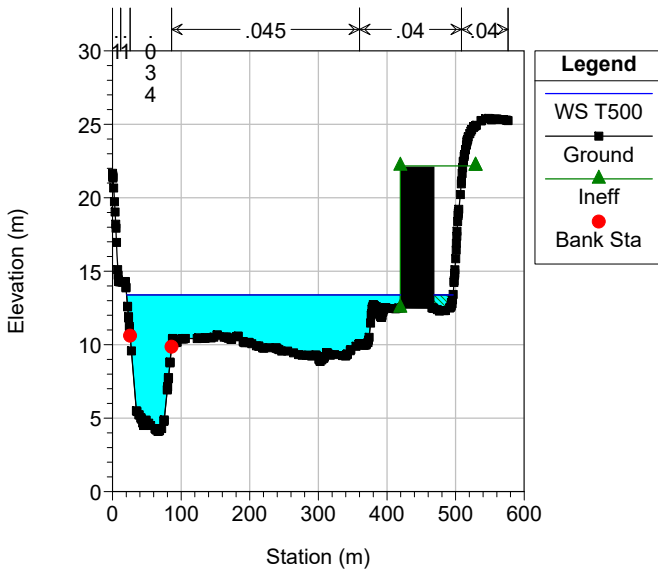
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 13545.21



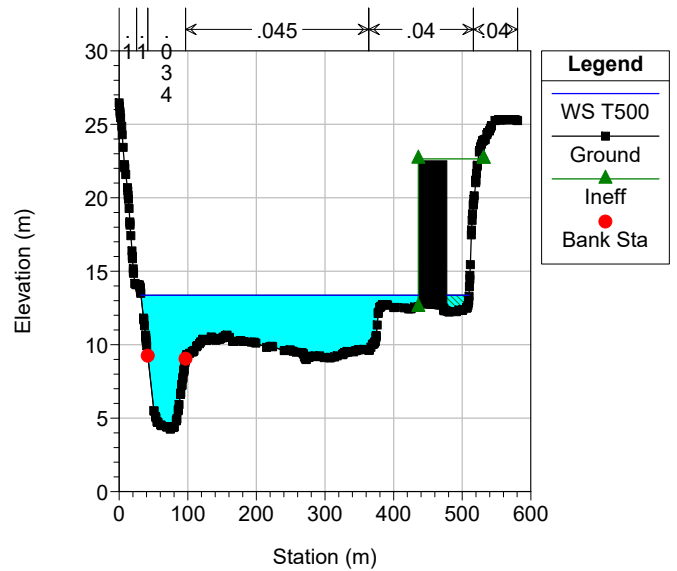
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 13506.84



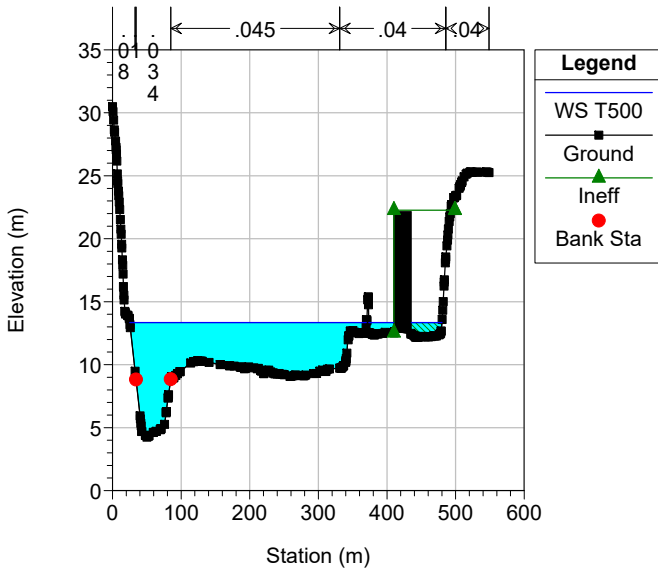
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 13440.63



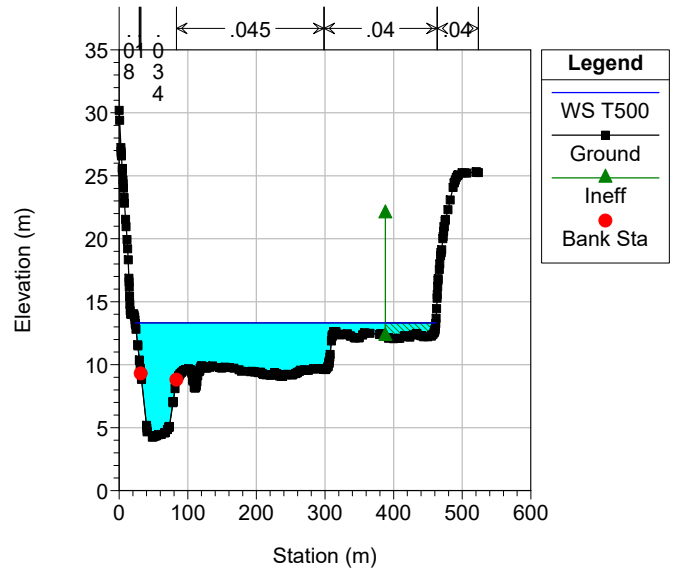
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 13396.47



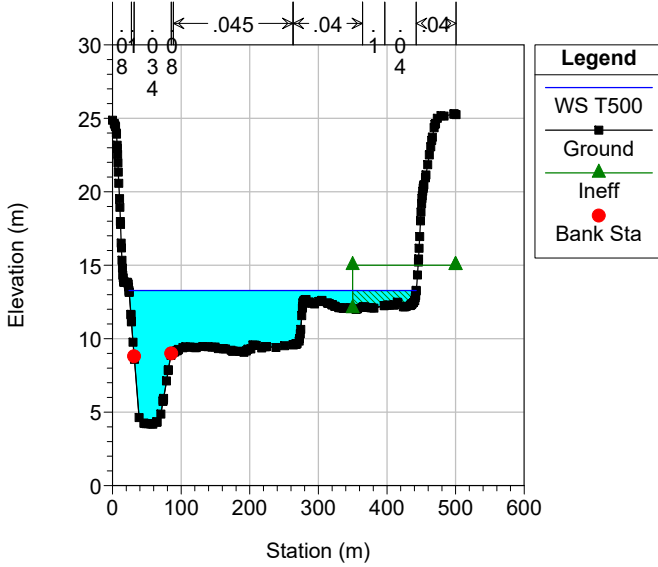
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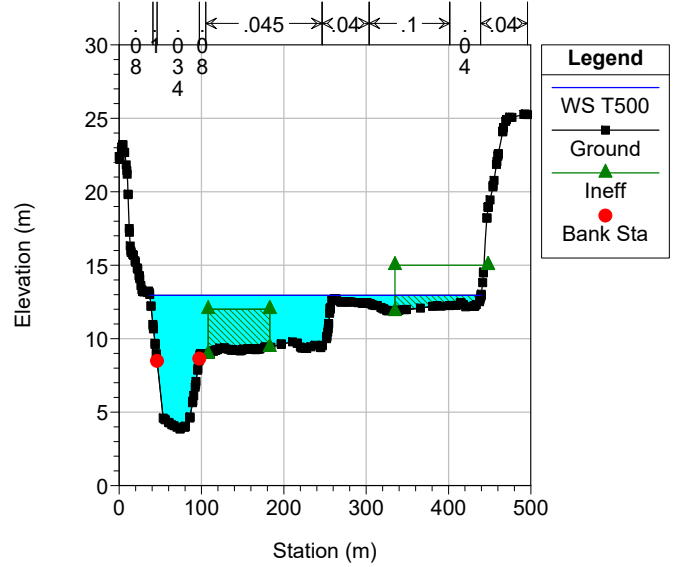
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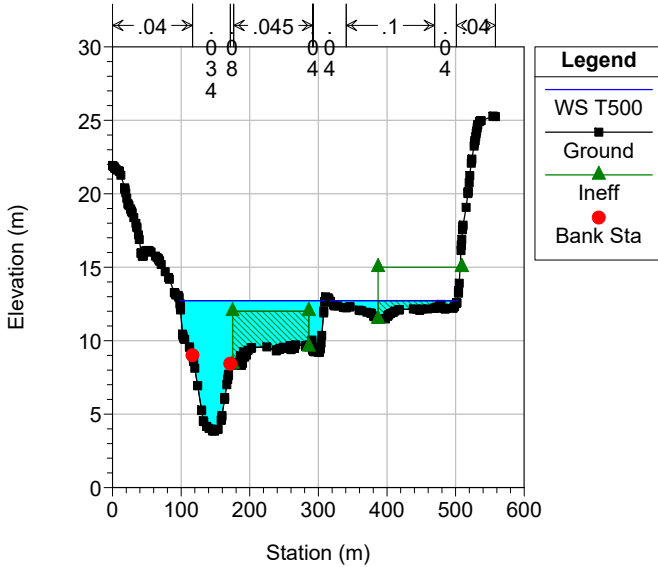
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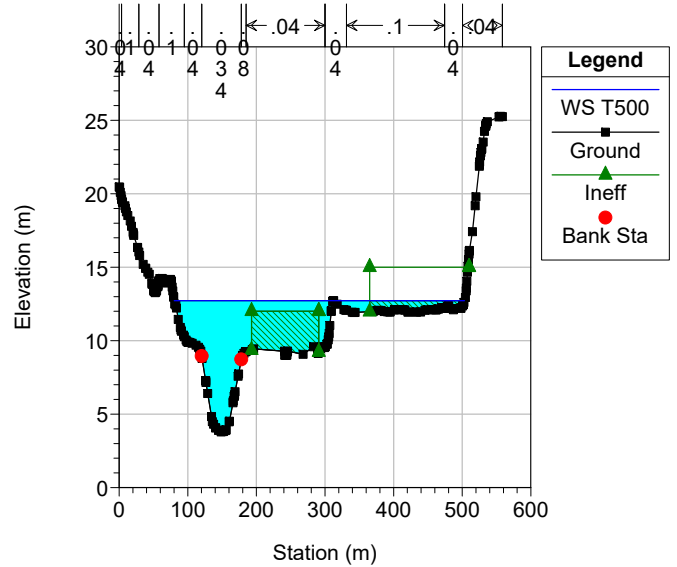
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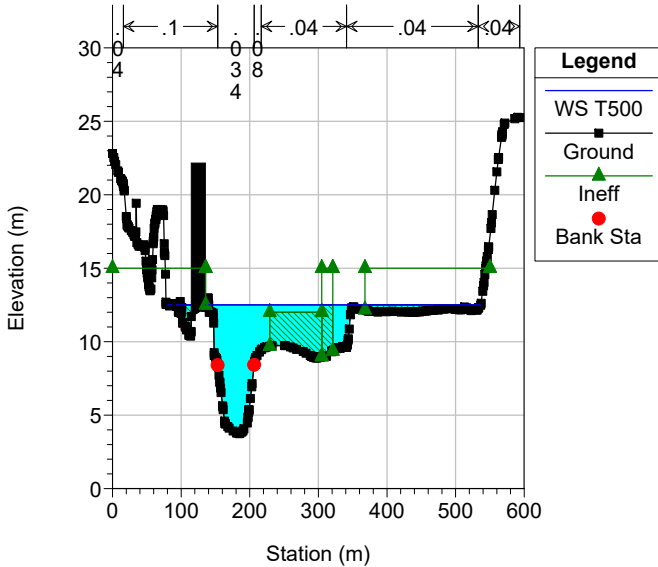
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13137.97



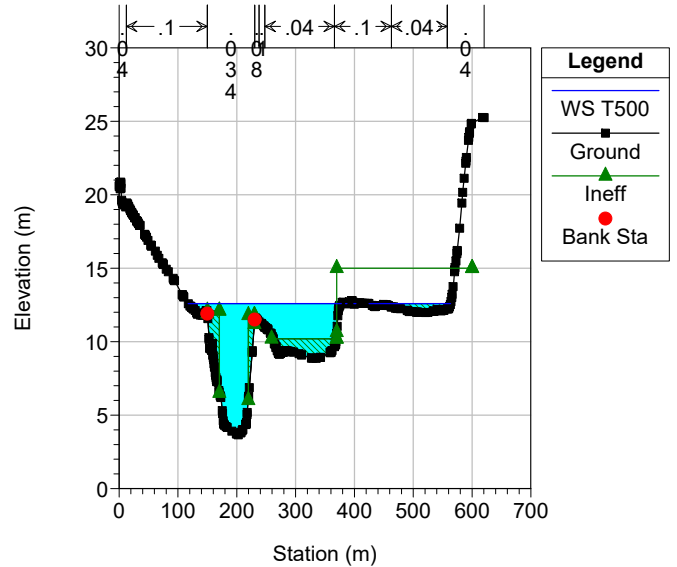
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13080.05



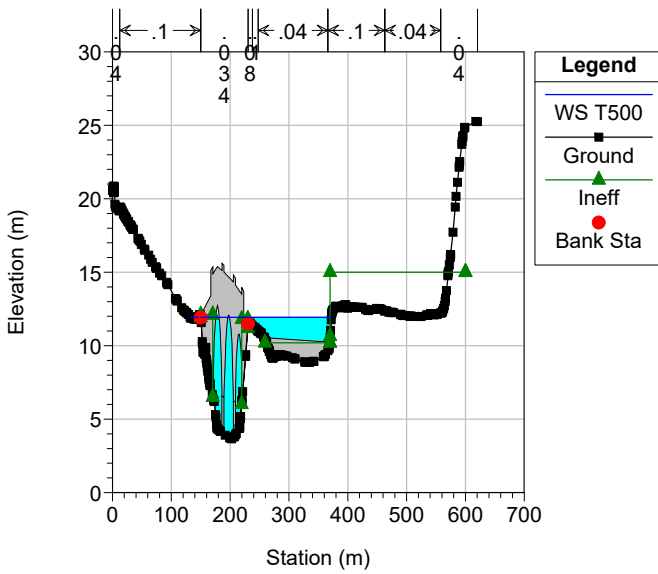
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 13026.78



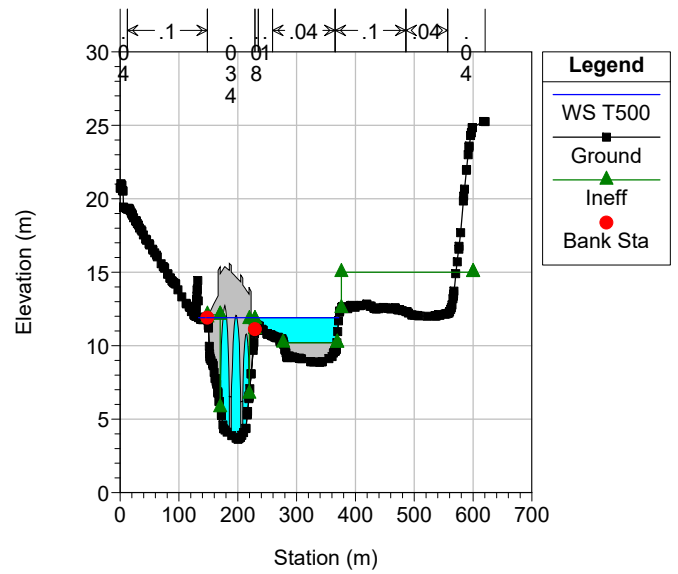
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12981.51



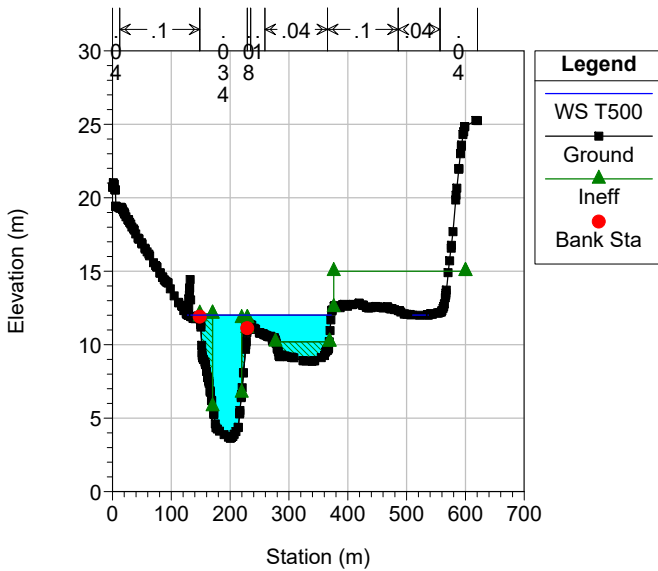
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12977.95 BR E110



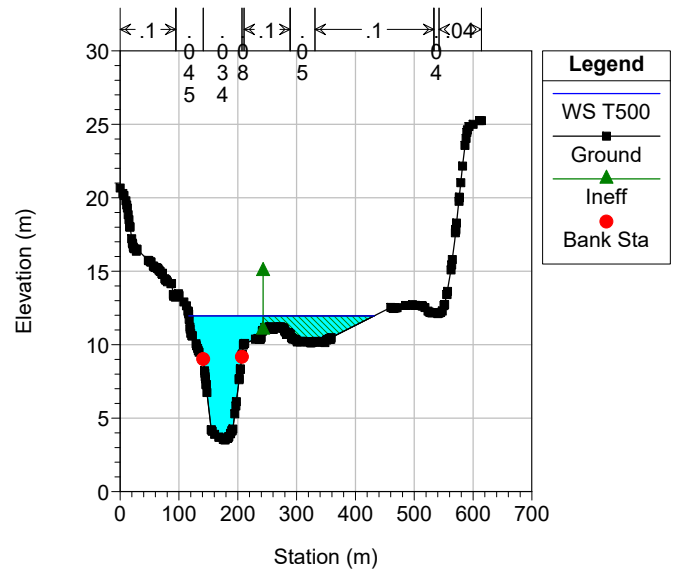
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12977.95 BR E110



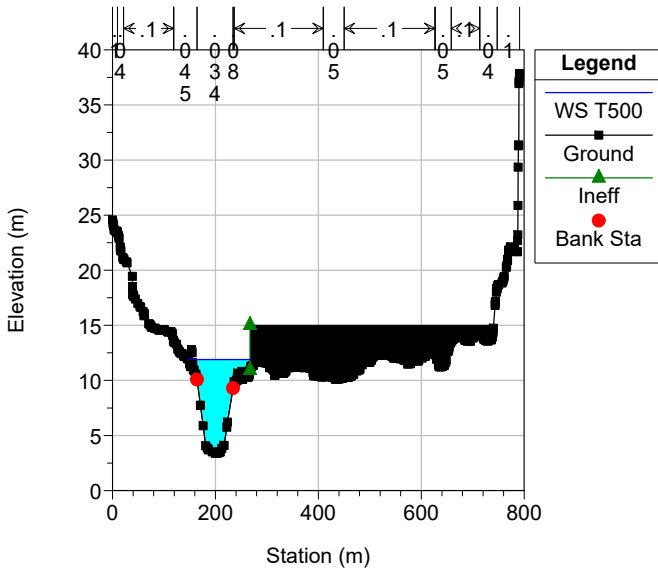
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
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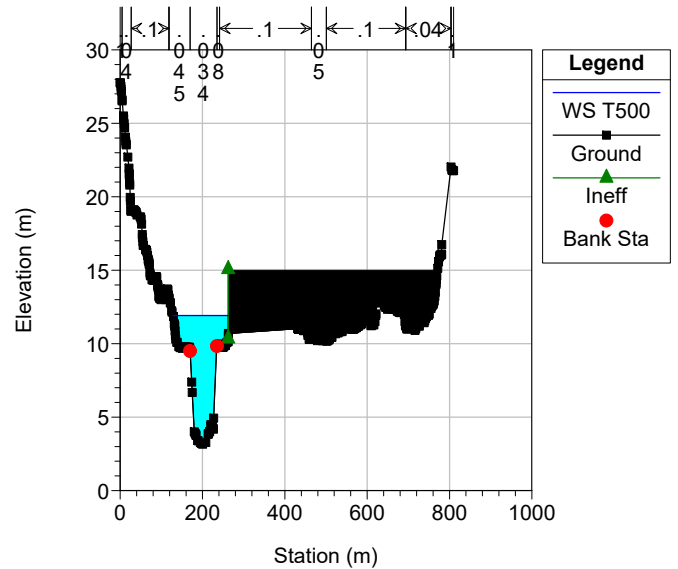
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12943.50



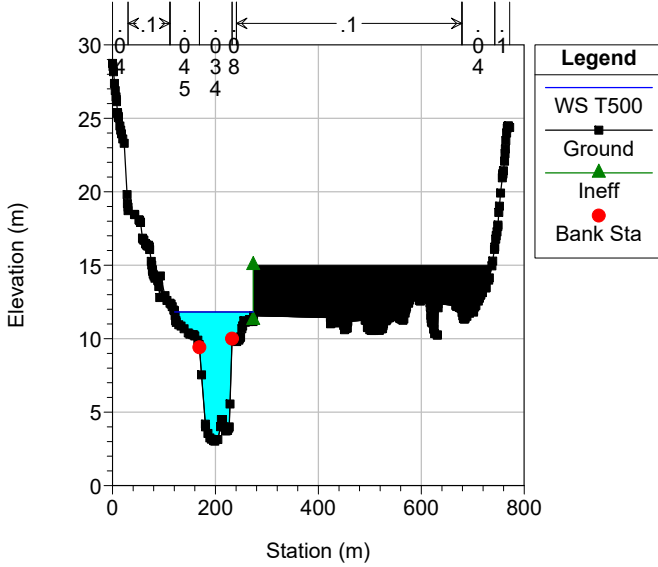
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
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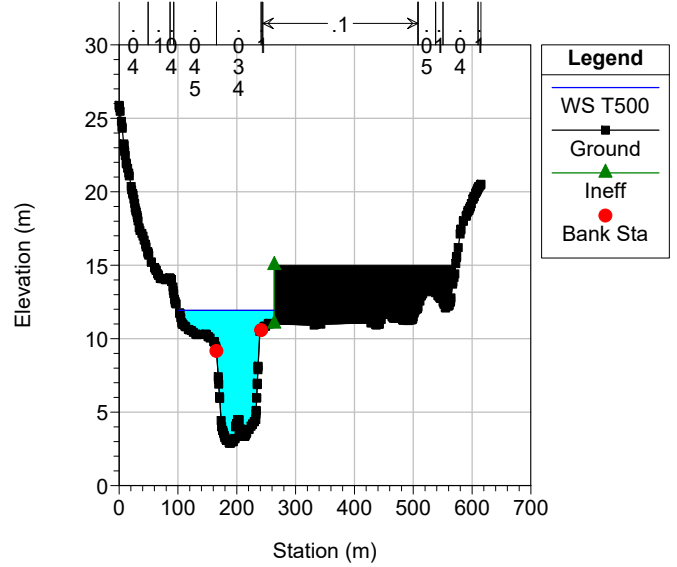
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
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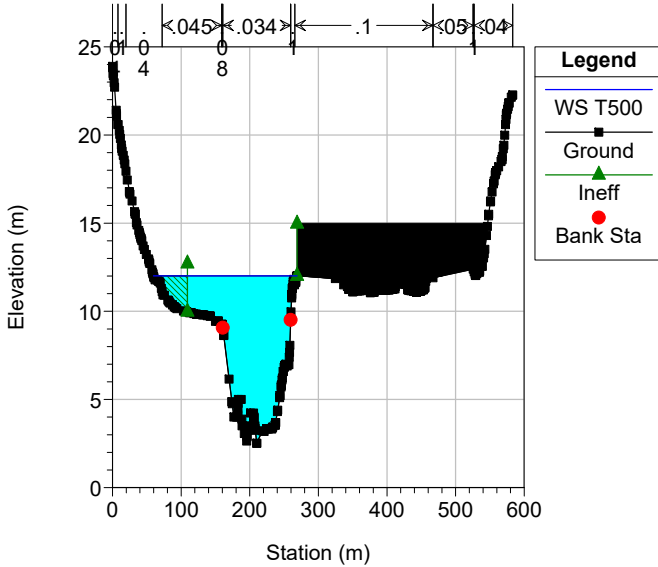
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12829.24



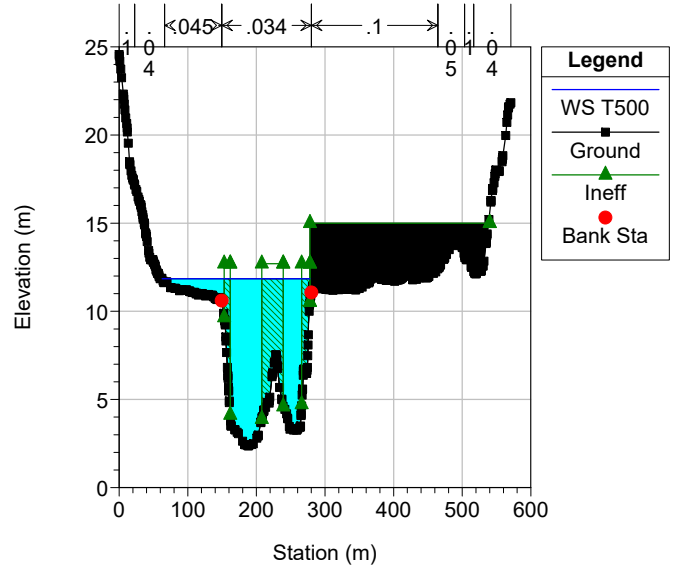
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
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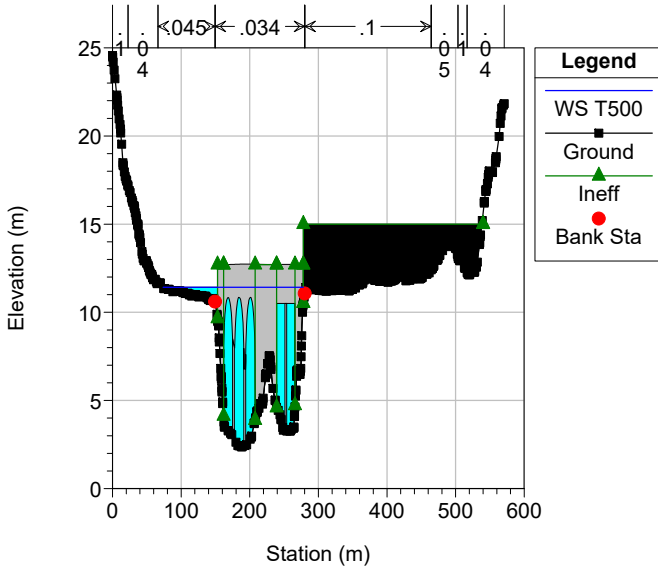
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12726.50



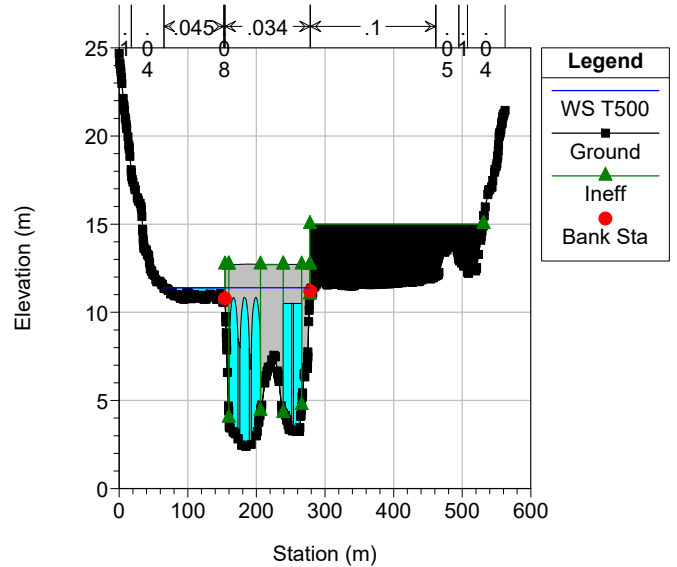
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12683.51



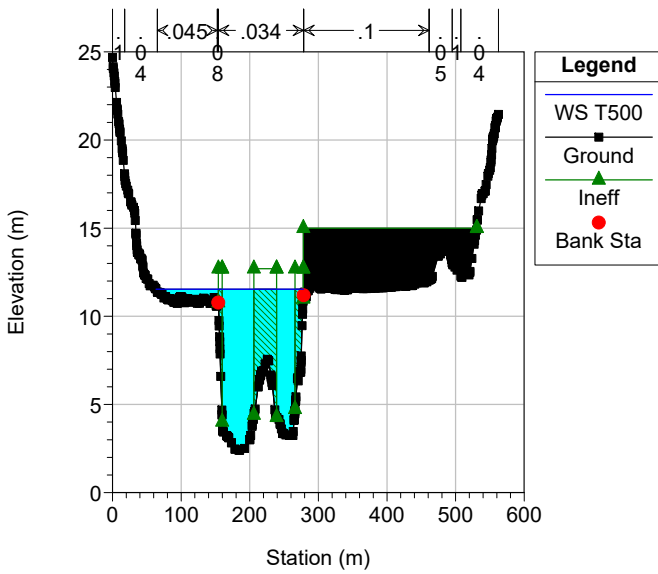
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12680 BR E111



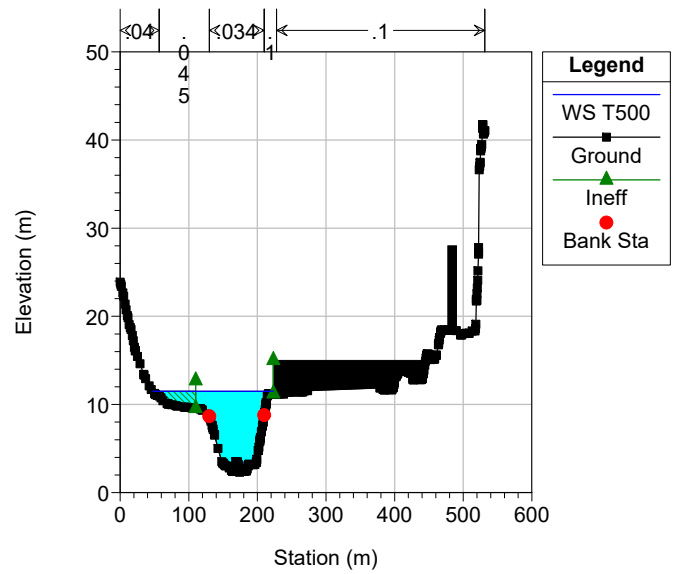
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12680 BR E111



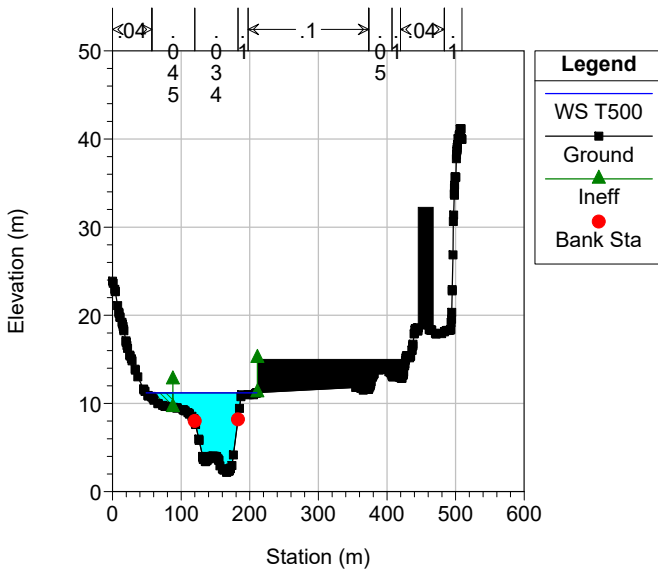
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12676.40



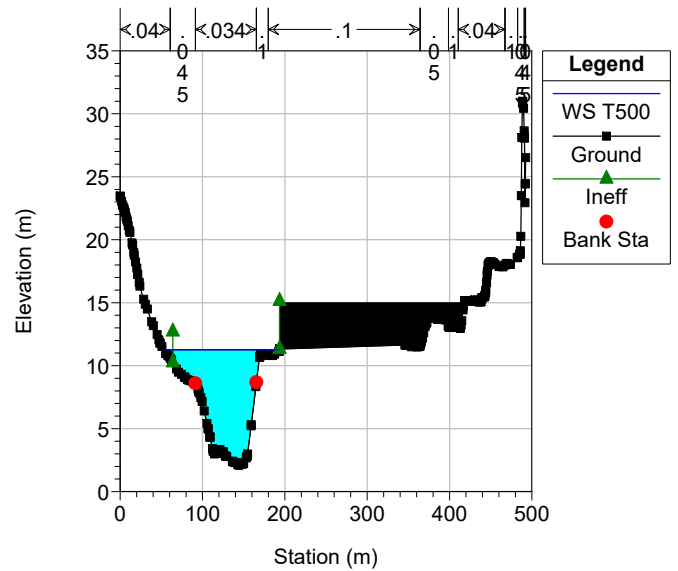
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
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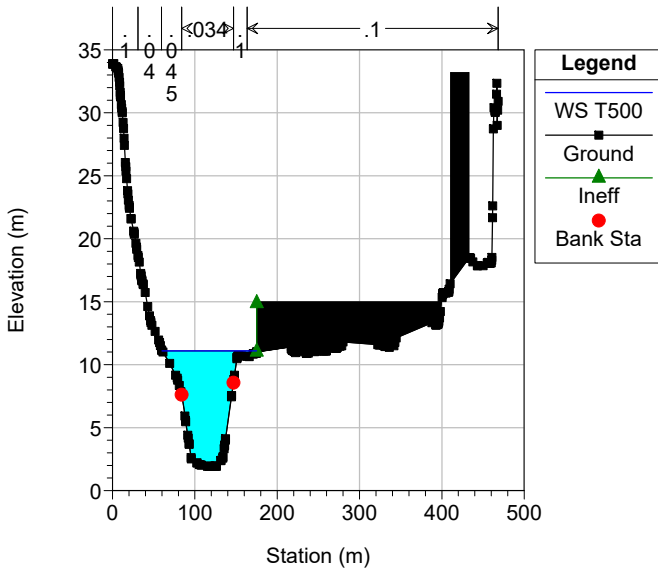
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12595.50



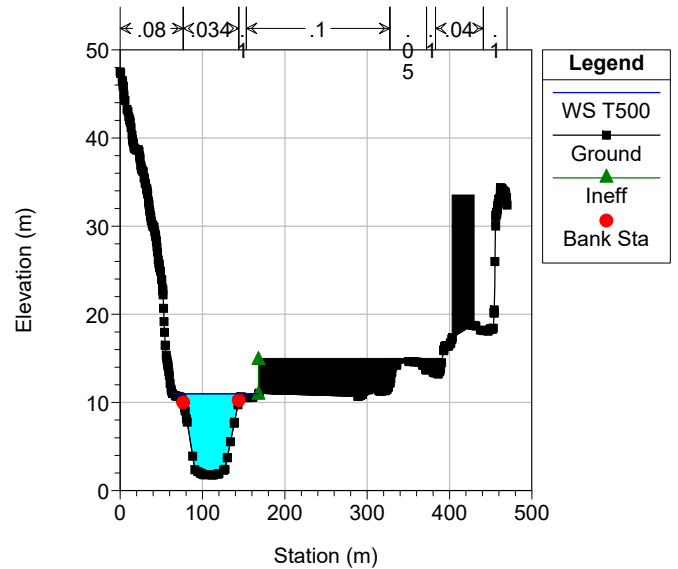
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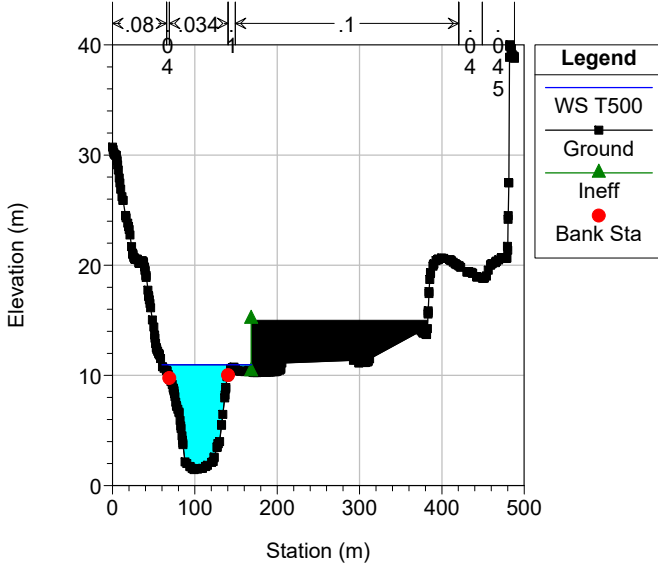
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12498.80



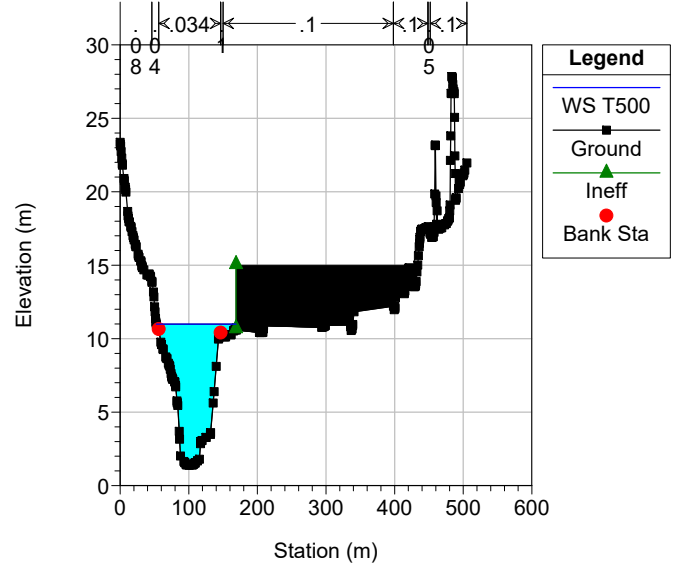
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12462.68



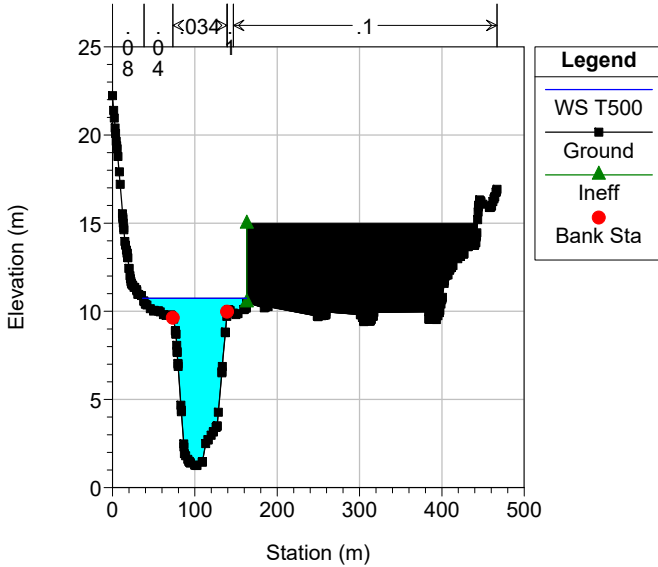
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 River = ORIA Reach = ORIA-2REGATA RS = 12412.34



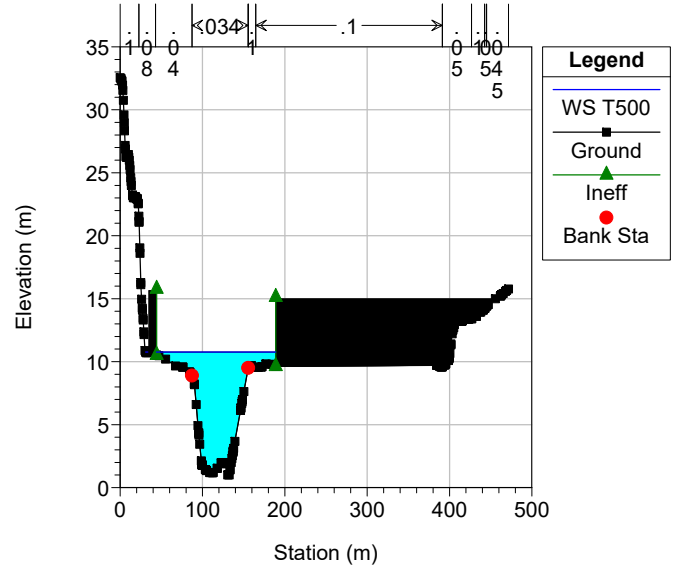
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12362.30



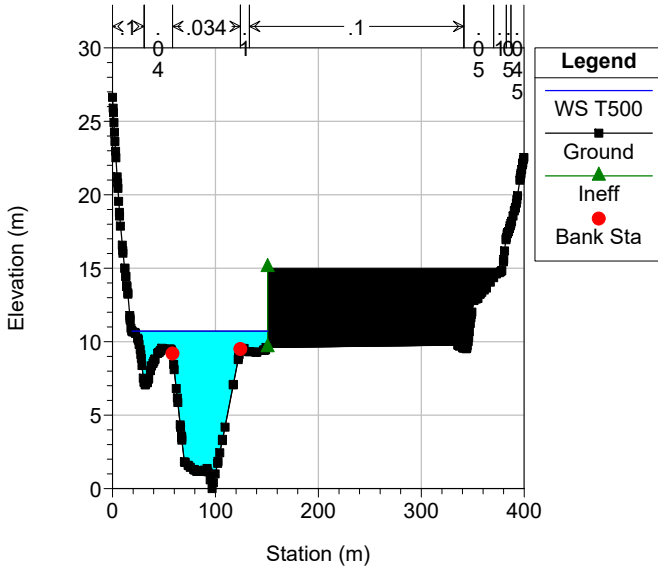
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 12320.09



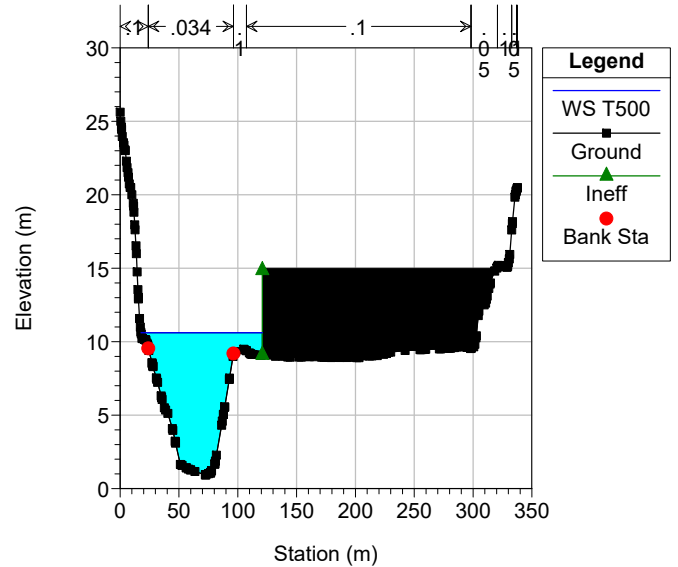
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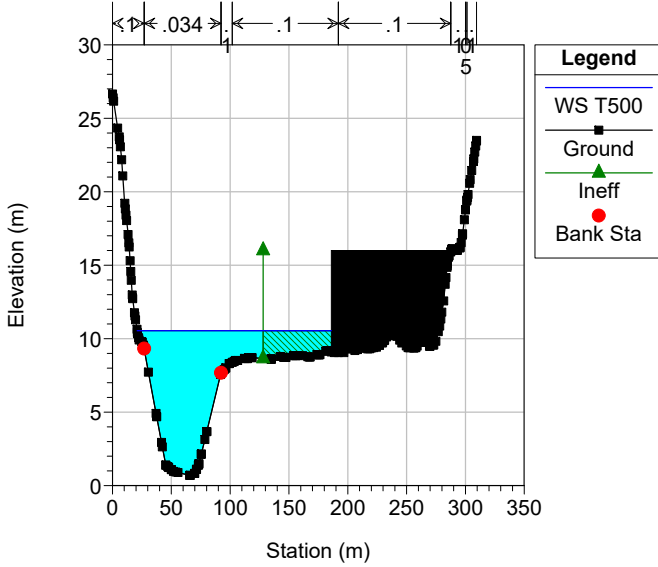
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 River = ORIA Reach = ORIA-2REGATA RS = 12214.37



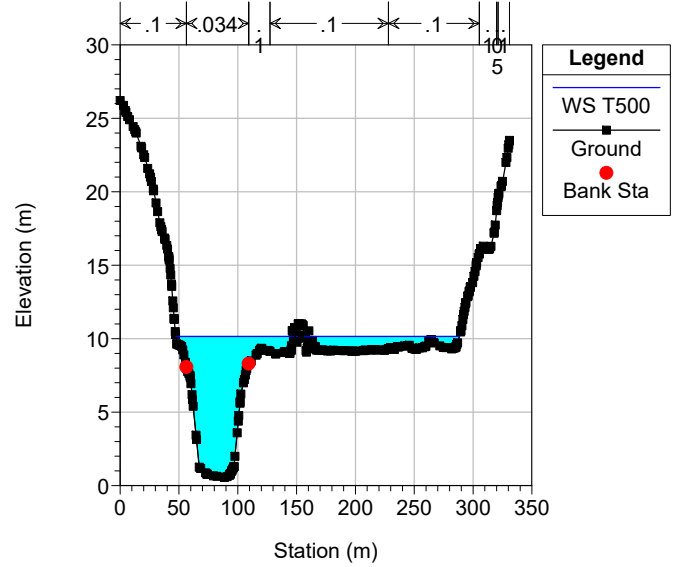
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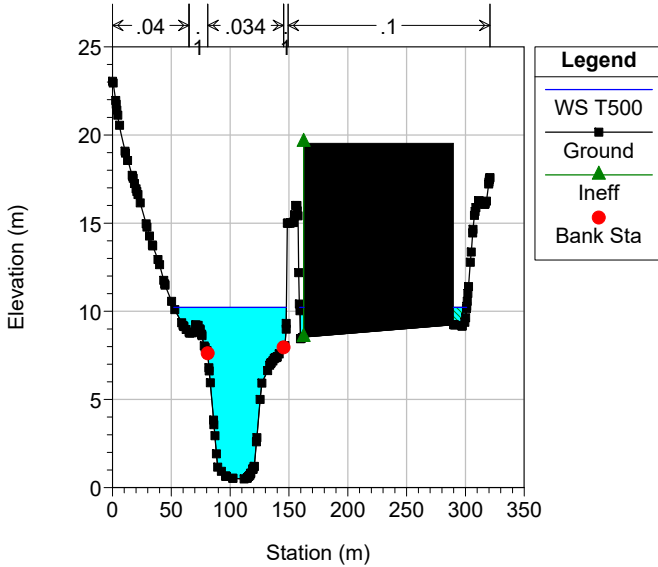
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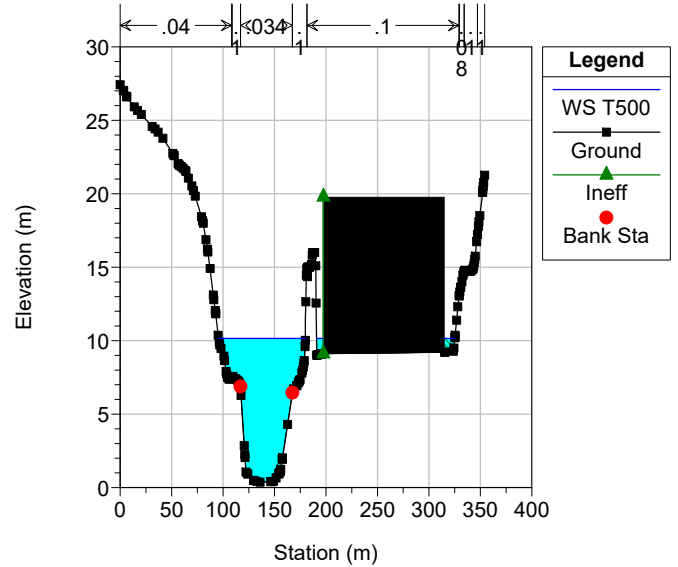
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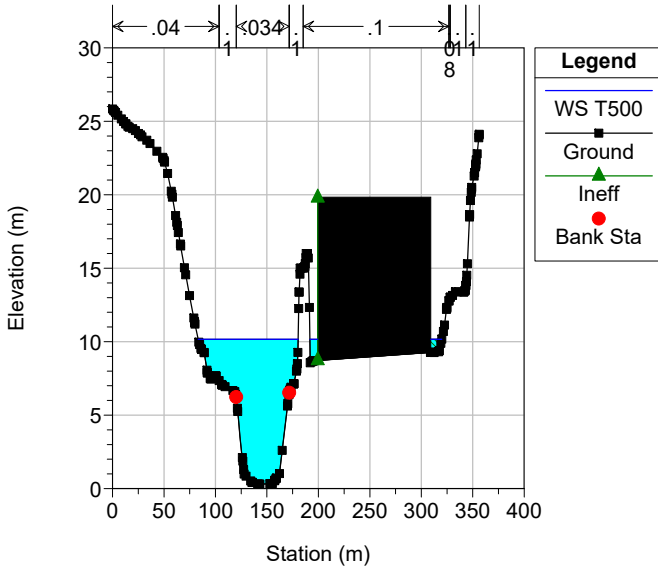
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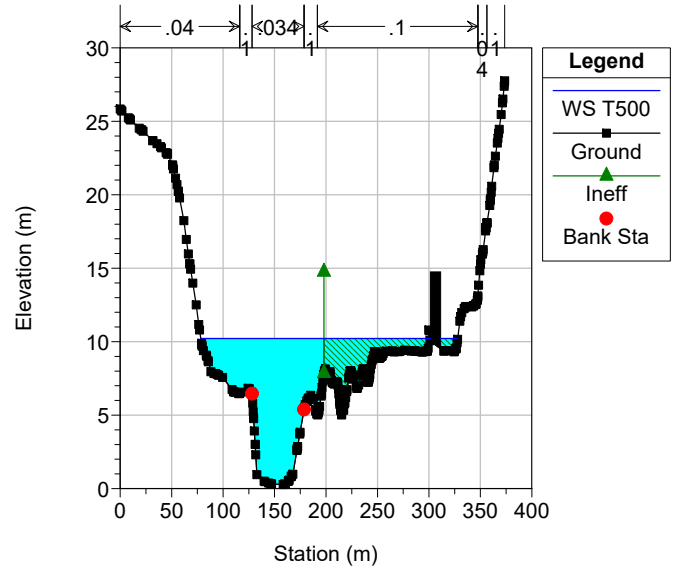
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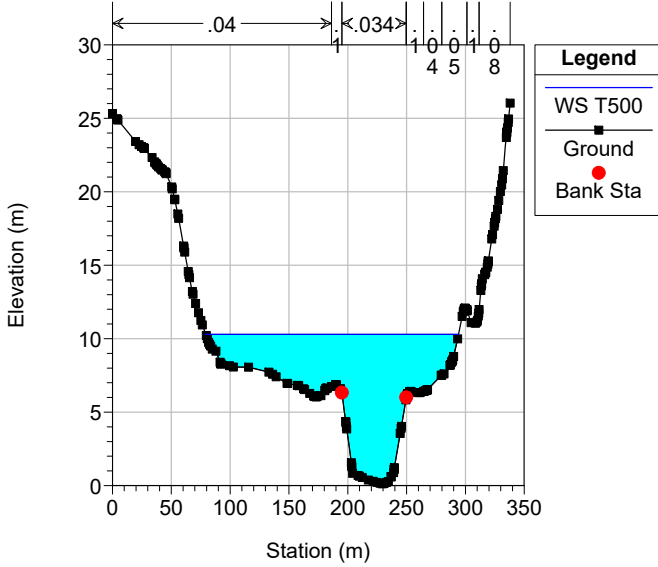
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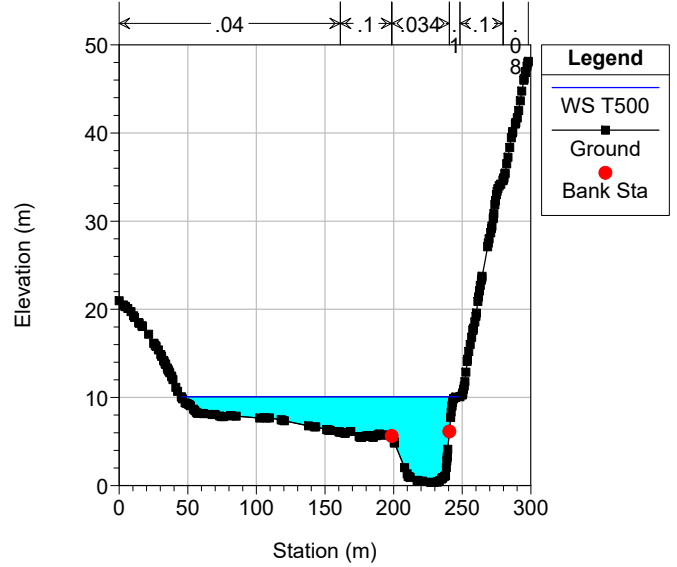
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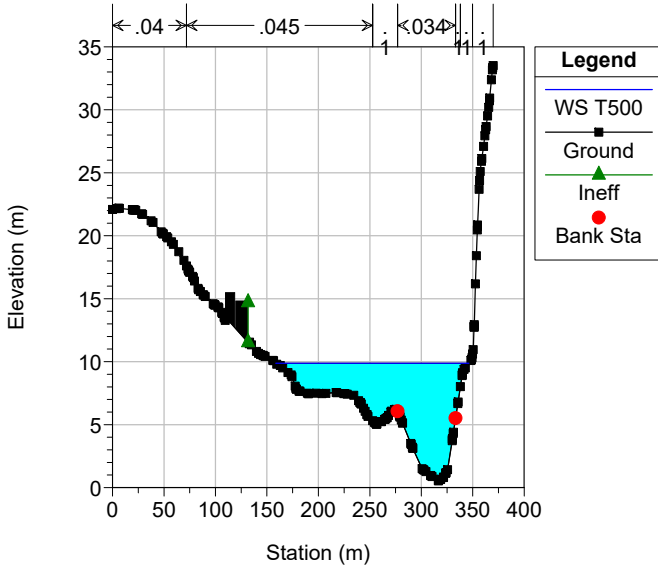
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 11729.66



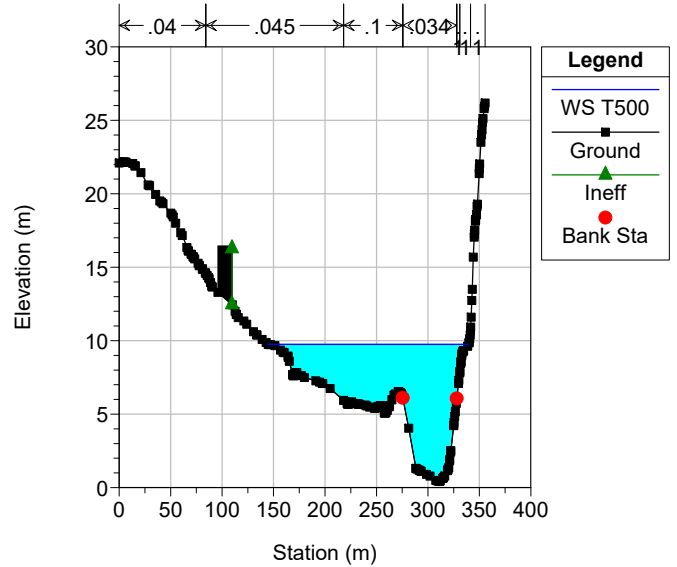
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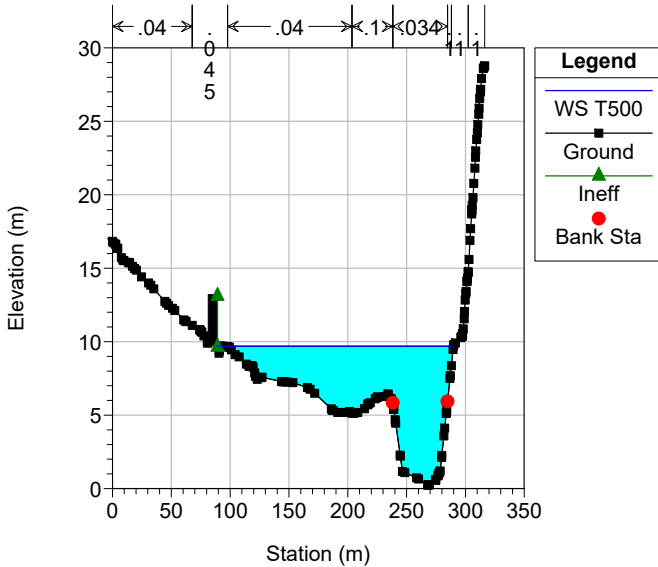
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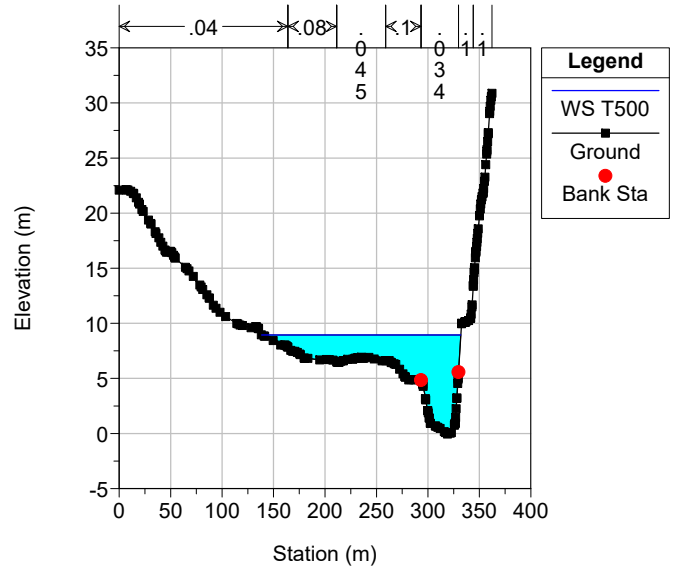
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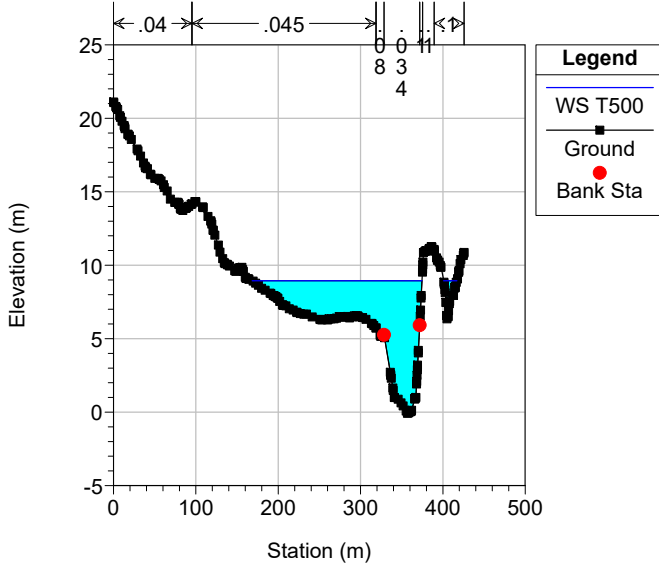
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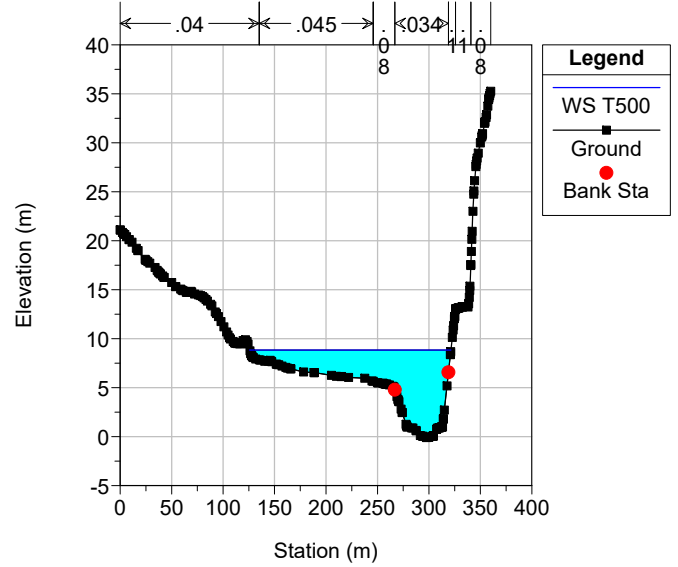
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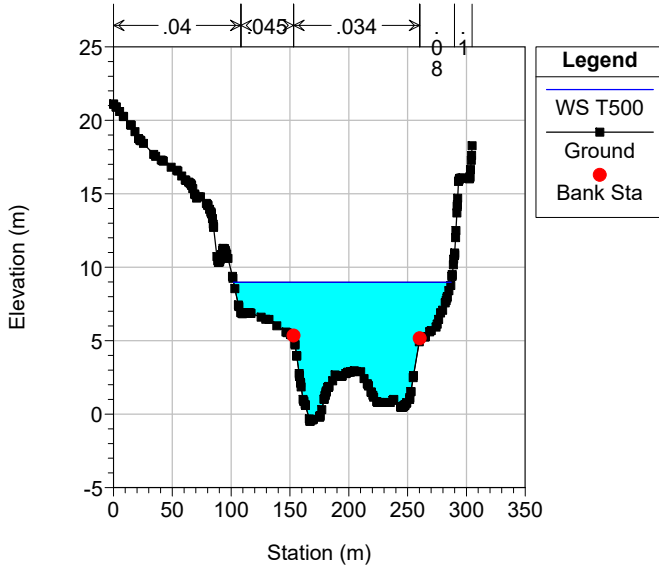
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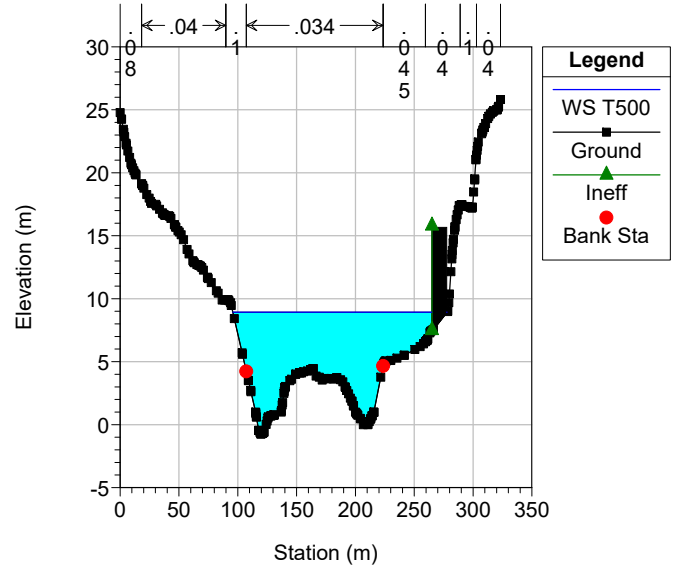
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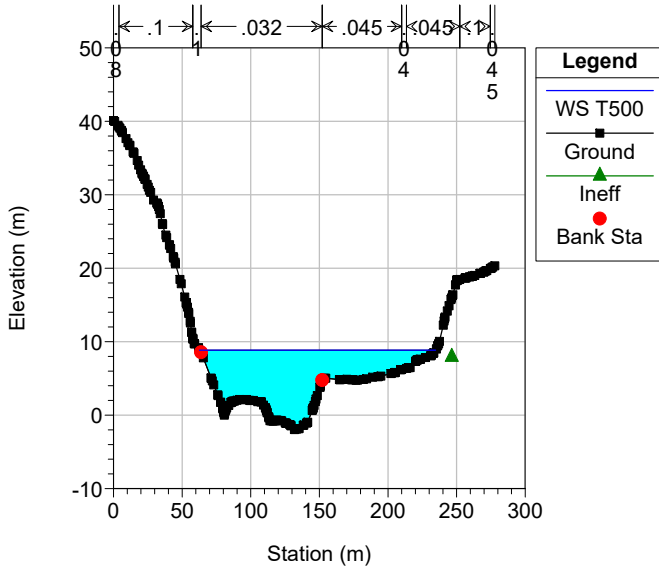
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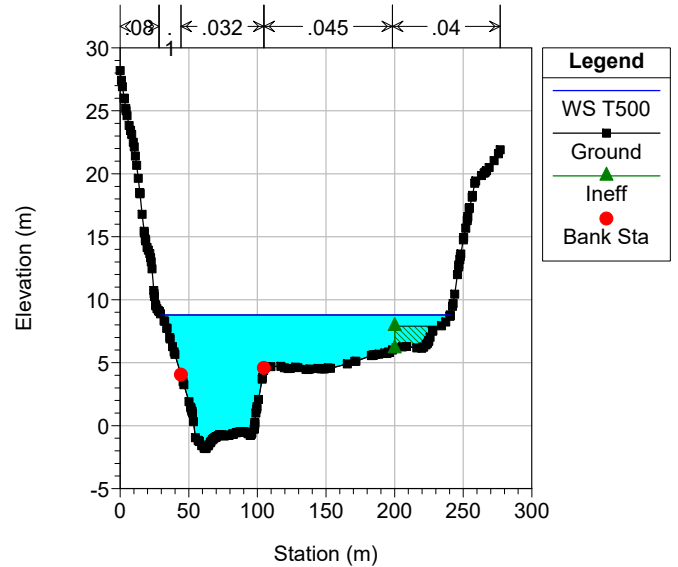
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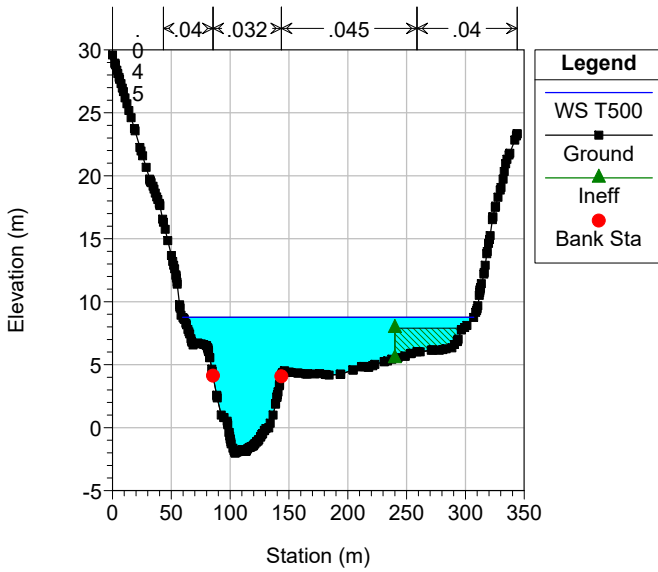
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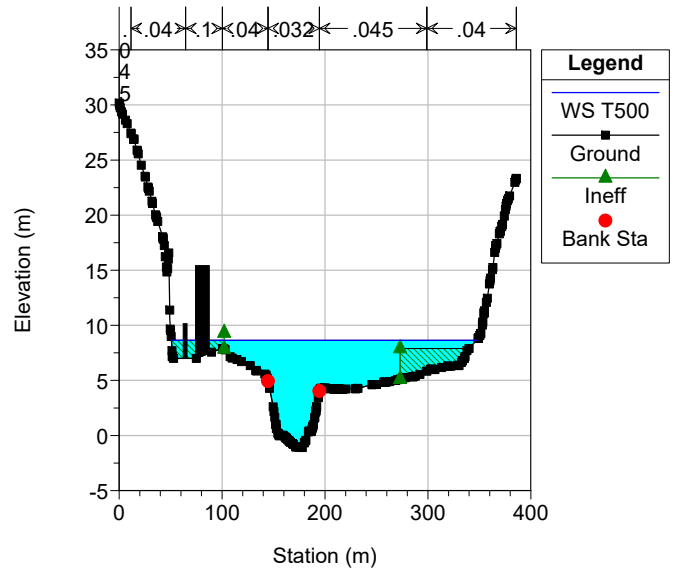
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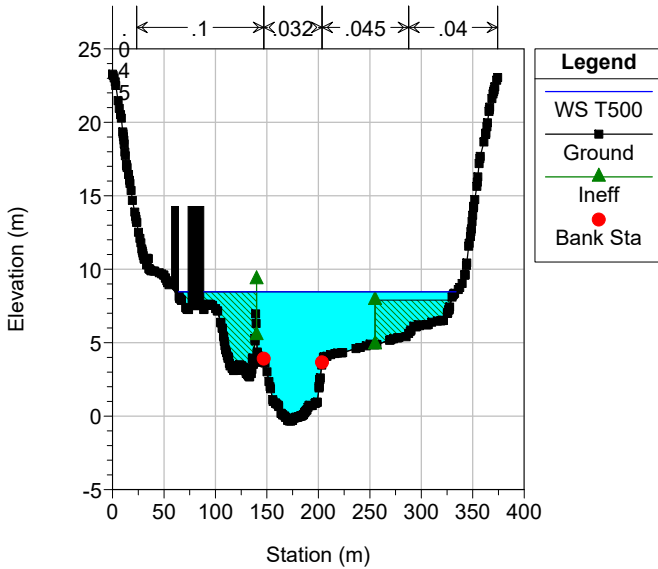
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
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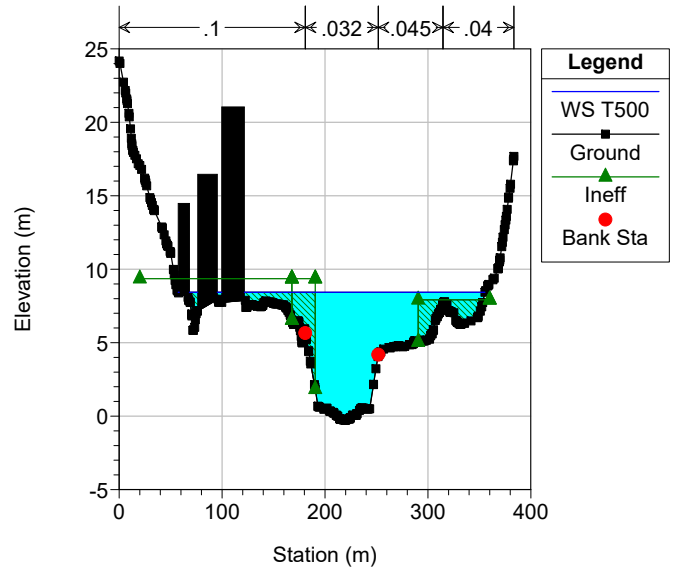
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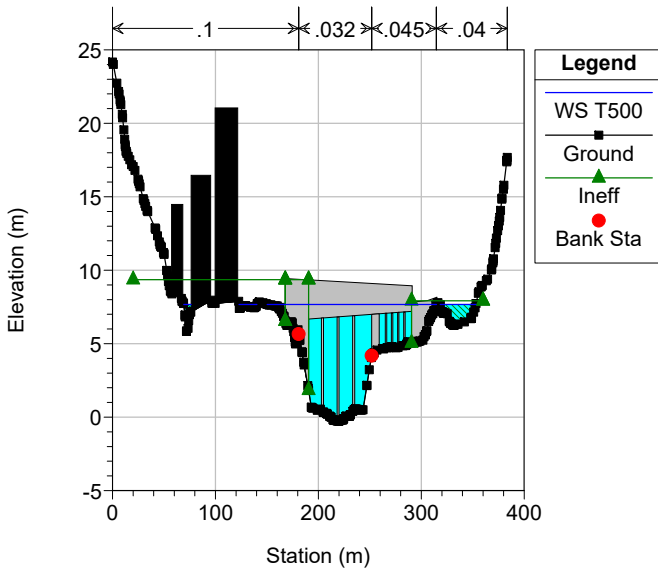
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
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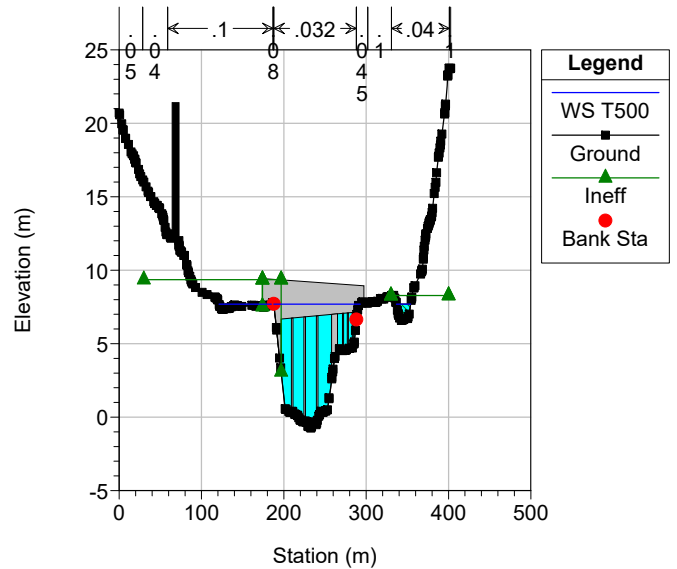
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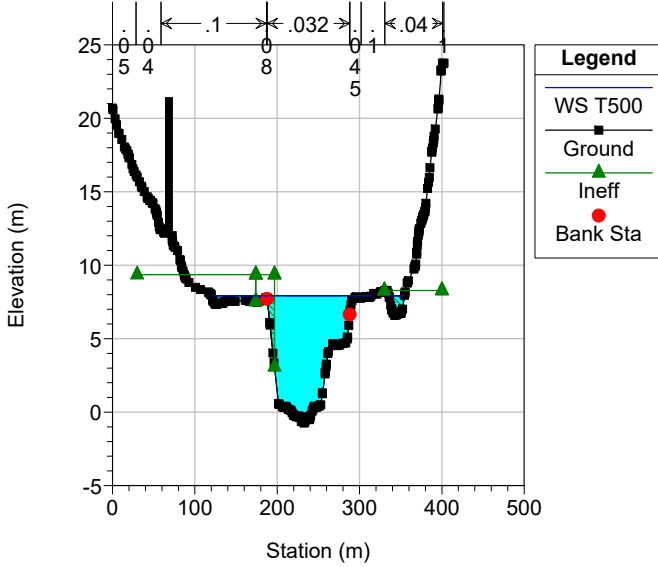
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 River = ORIA Reach = ORIA-2REGATA RS = 10048.87 BR E112



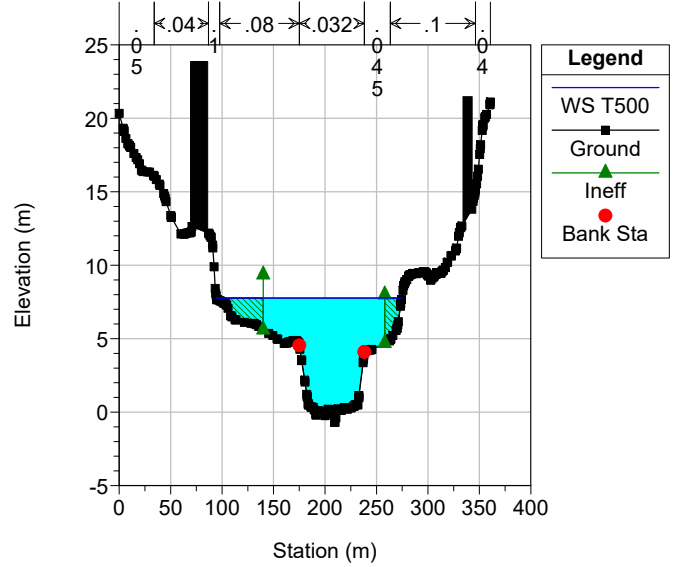
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
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 River = ORIA Reach = ORIA-2REGATA RS = 10048.87 BR E112



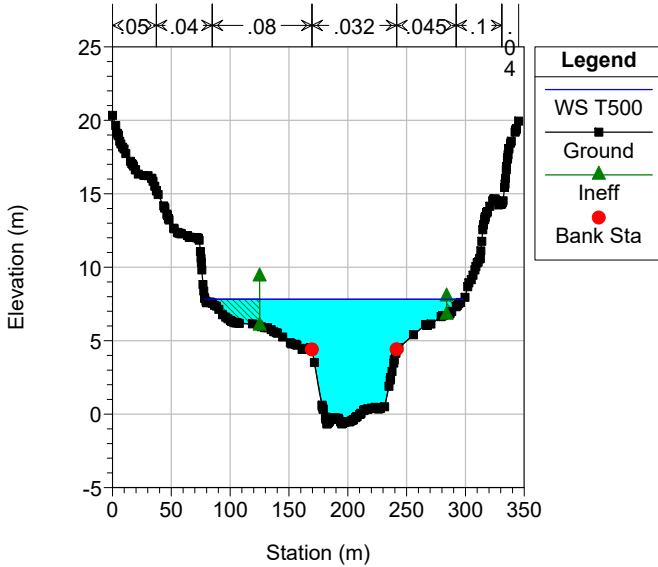
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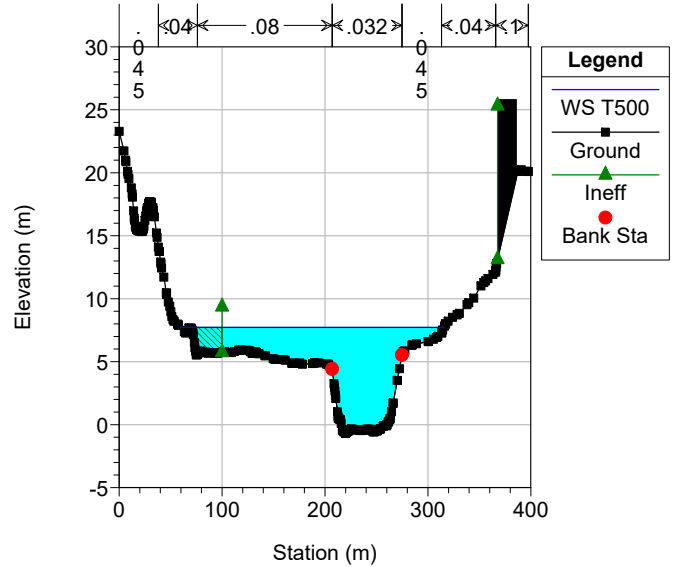
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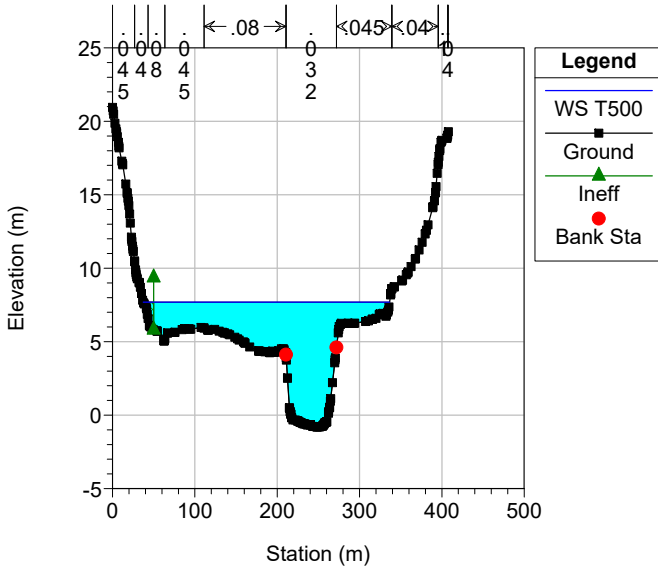
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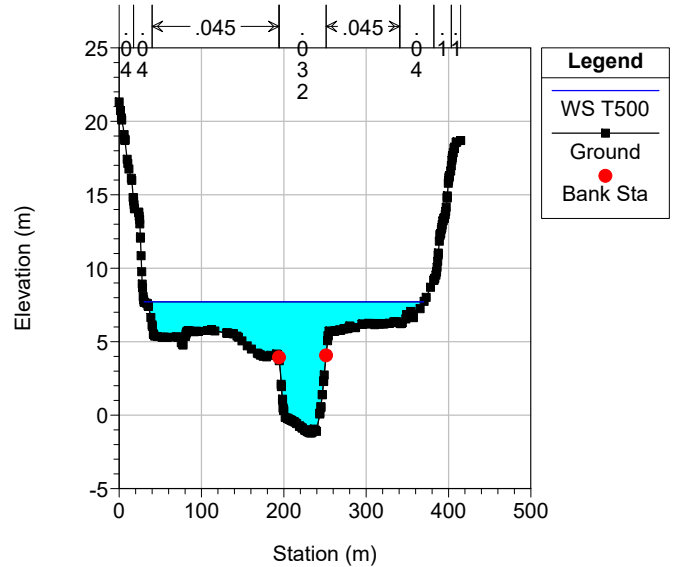
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9843.386



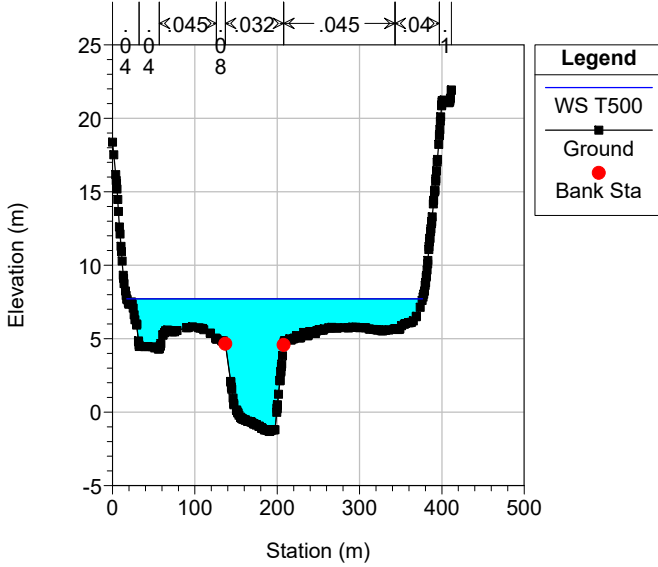
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9748.673



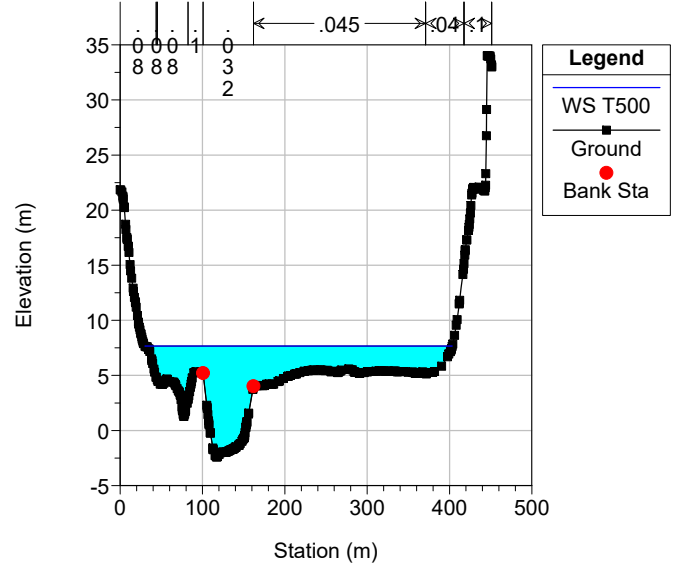
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9660.880



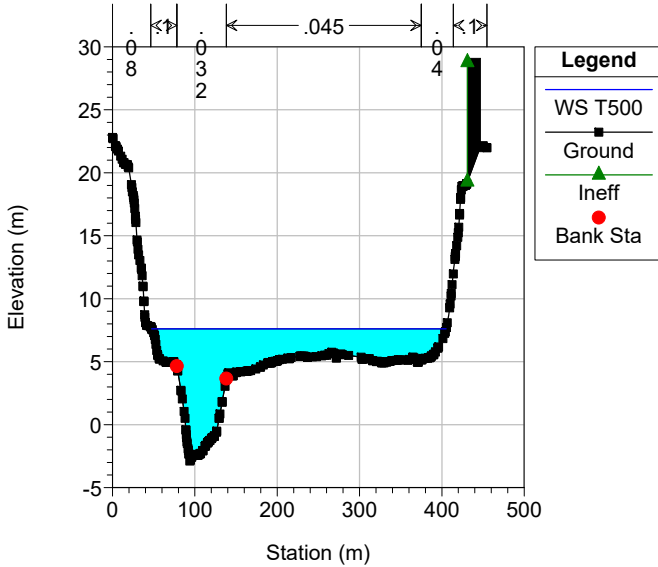
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9541.047



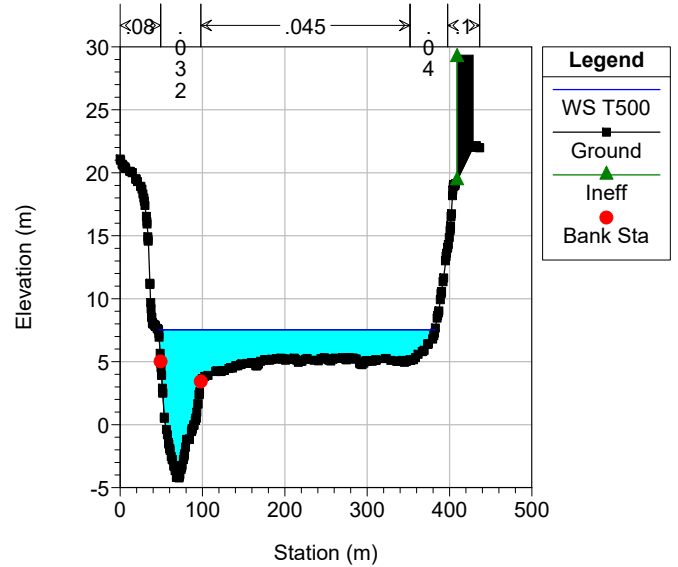
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9379.213



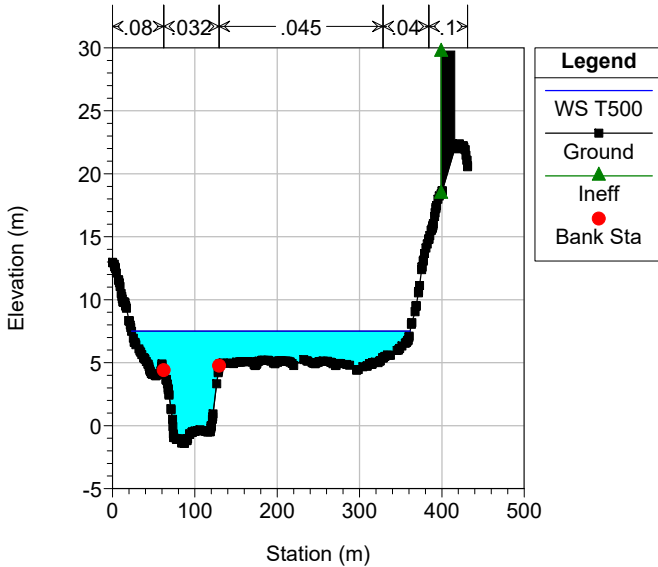
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9304.015



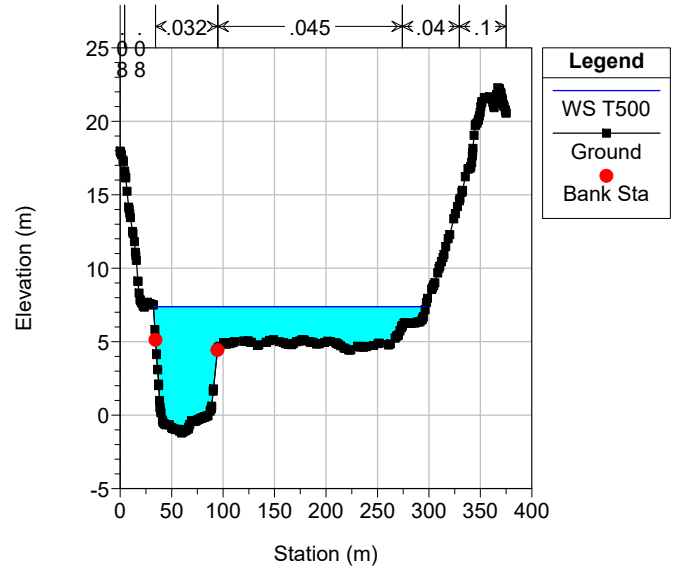
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9180.456



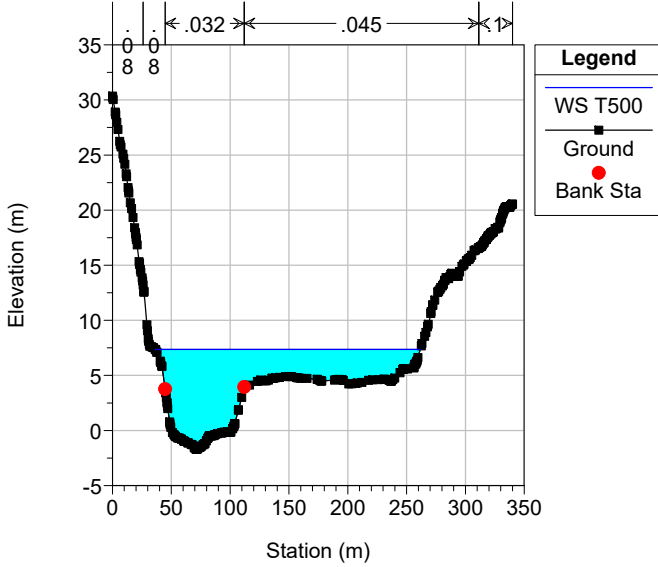
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9082.134



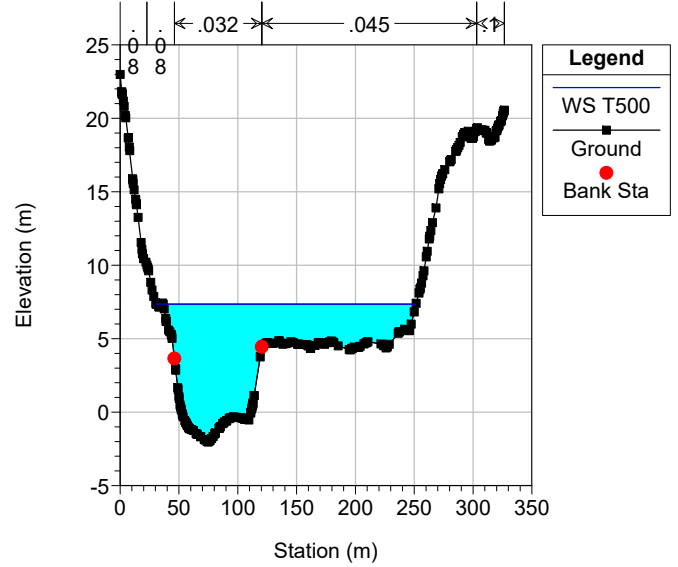
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 9037.875



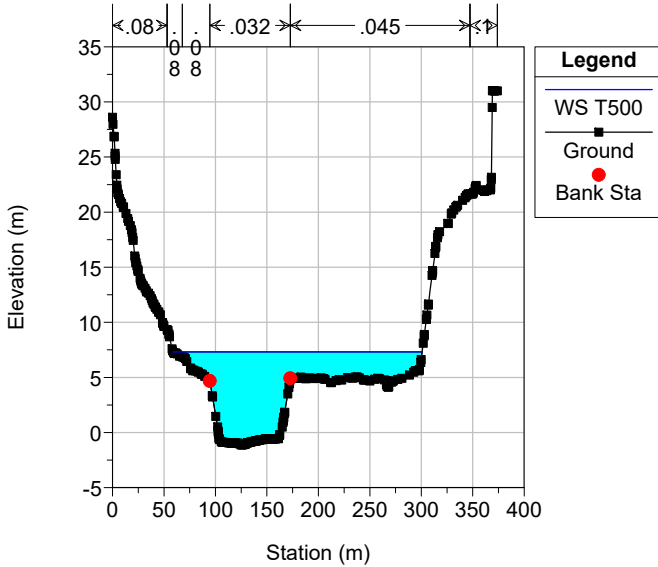
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8965.871



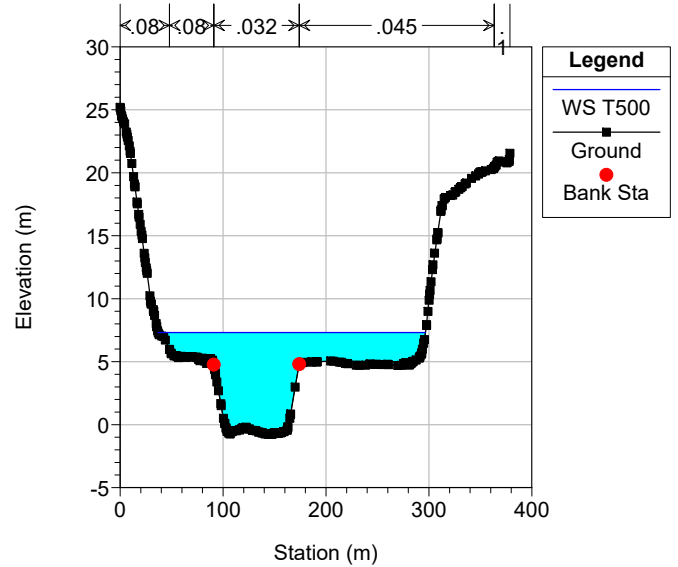
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8924.898



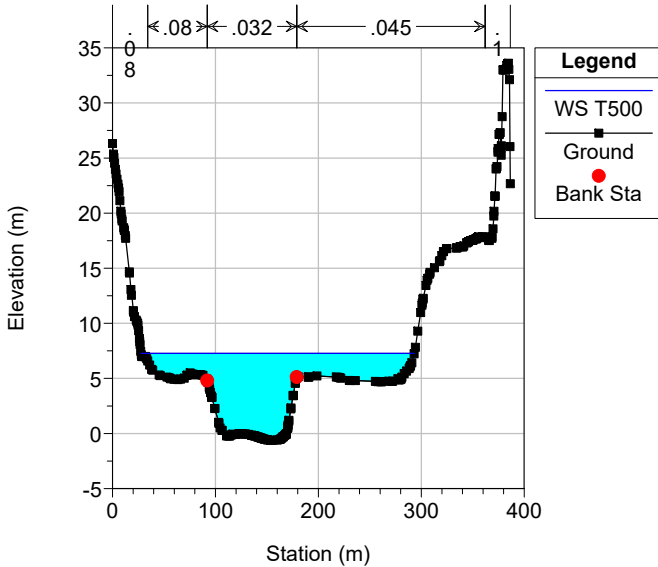
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8858.508



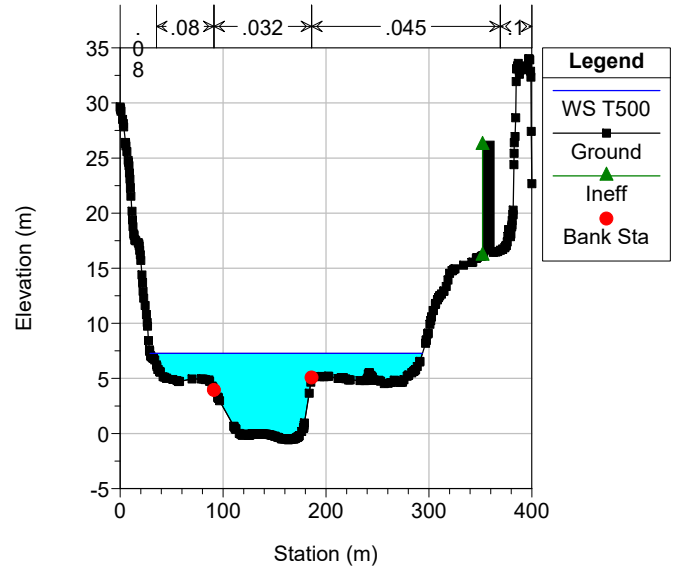
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8808.497



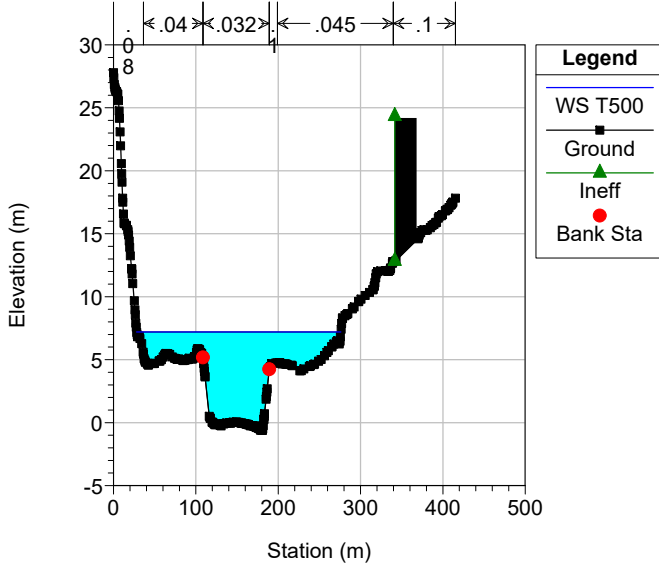
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8757.154



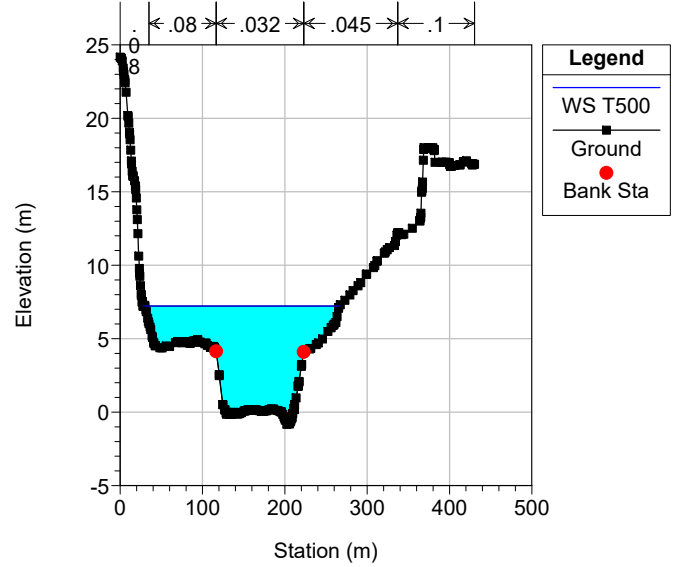
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 8705.003



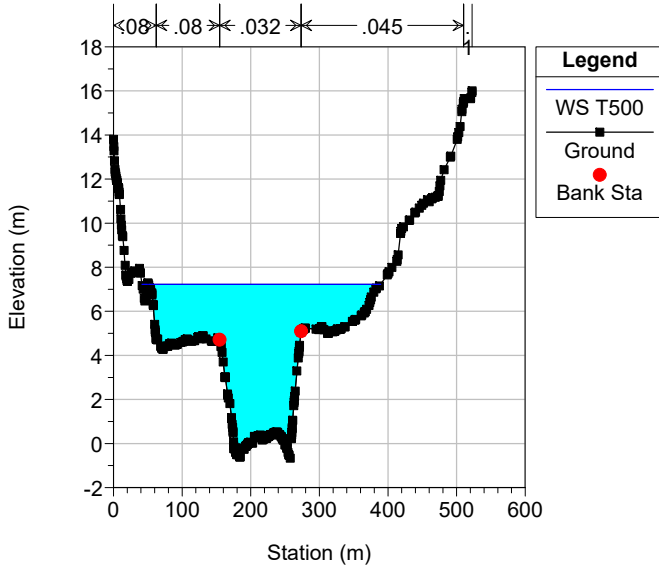
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8654.991



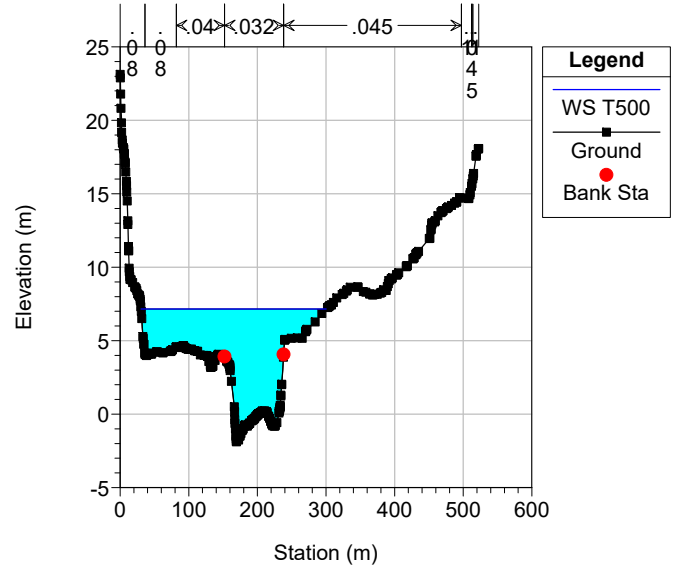
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8604.684



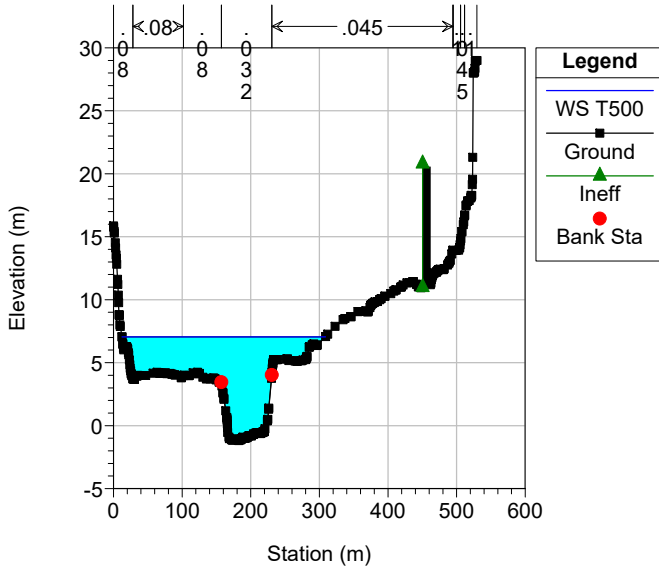
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8540.668



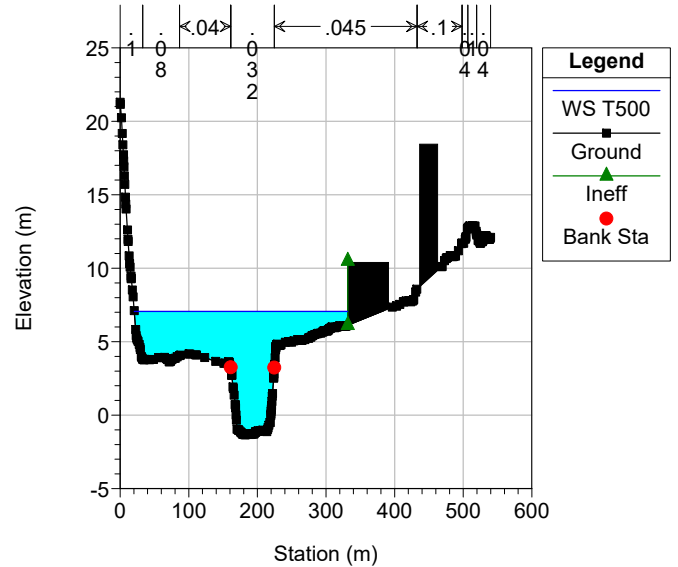
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8487.078



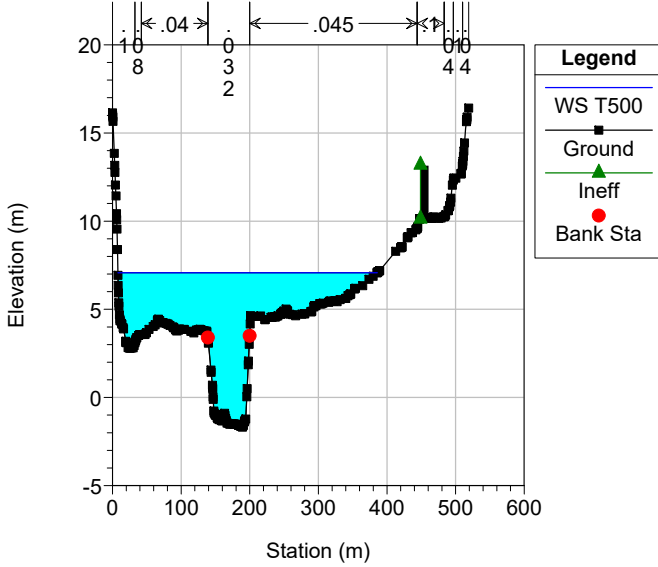
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 River = ORIA Reach = ORIA-2REGATA RS = 8424.546



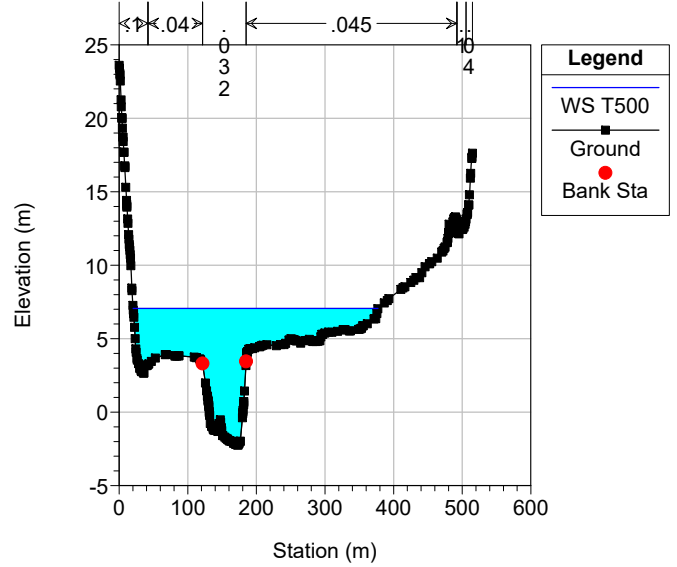
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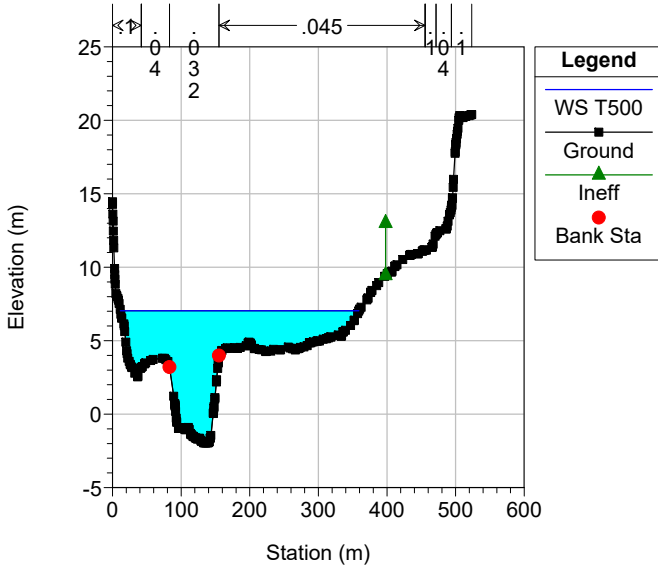
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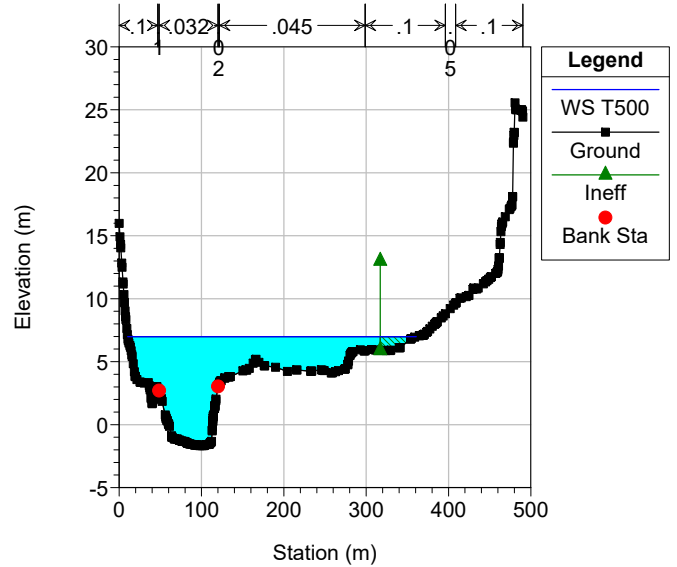
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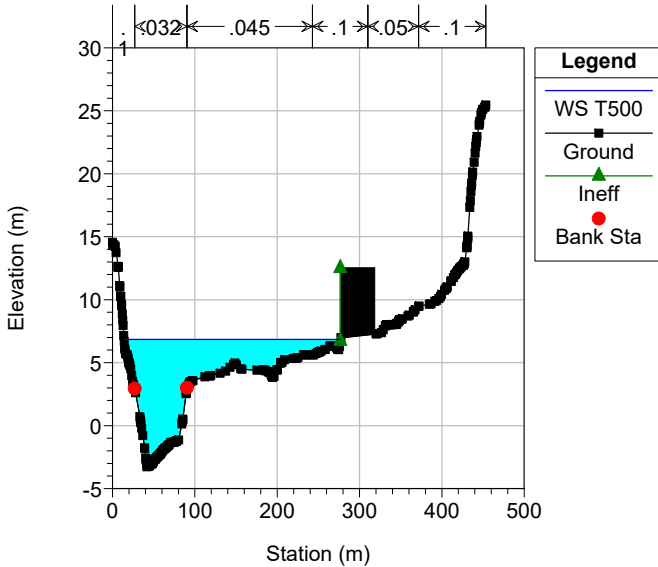
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 River = ORIA Reach = ORIA-2REGATA RS = 8222.697



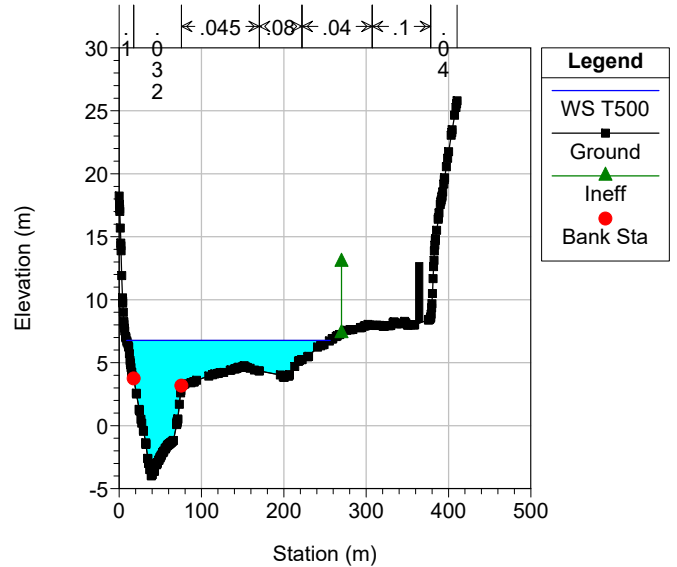
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 River = ORIA Reach = ORIA-2REGATA RS = 8172.645



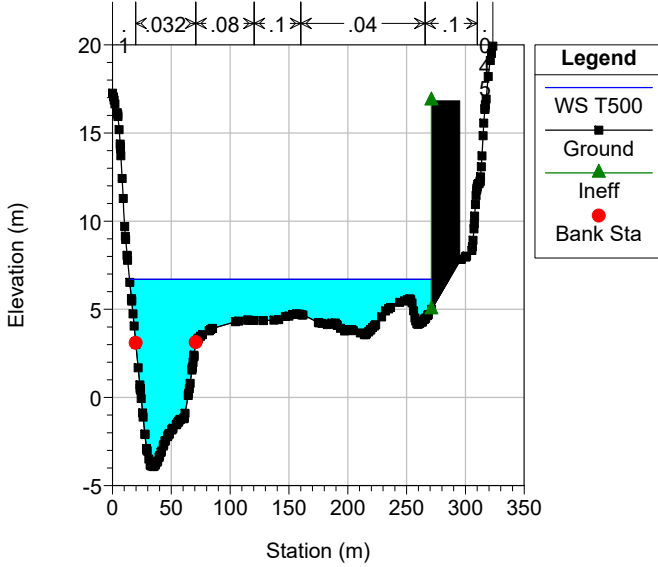
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 8101.262



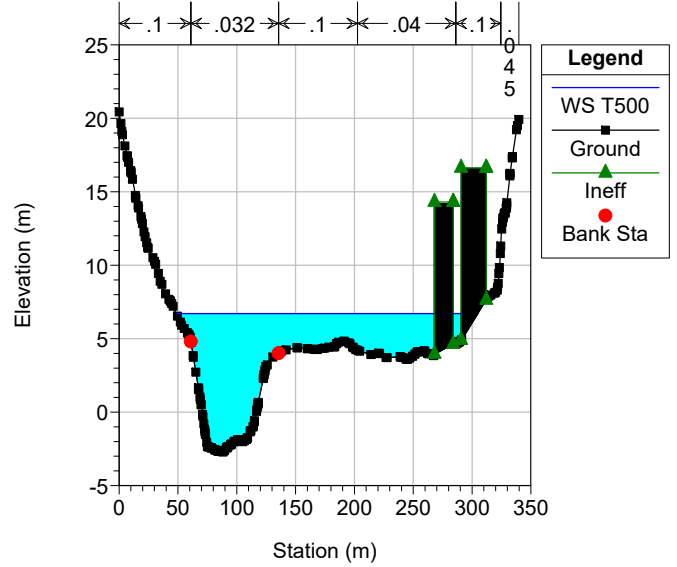
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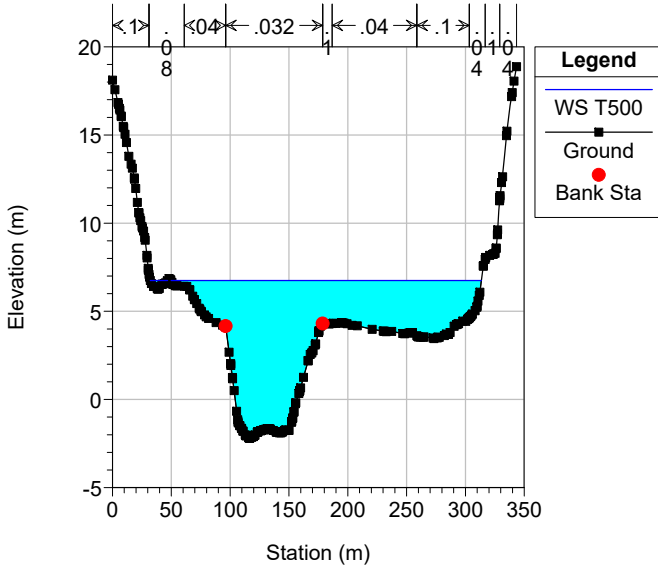
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 River = ORIA Reach = ORIA-2REGATA RS = 8008.937



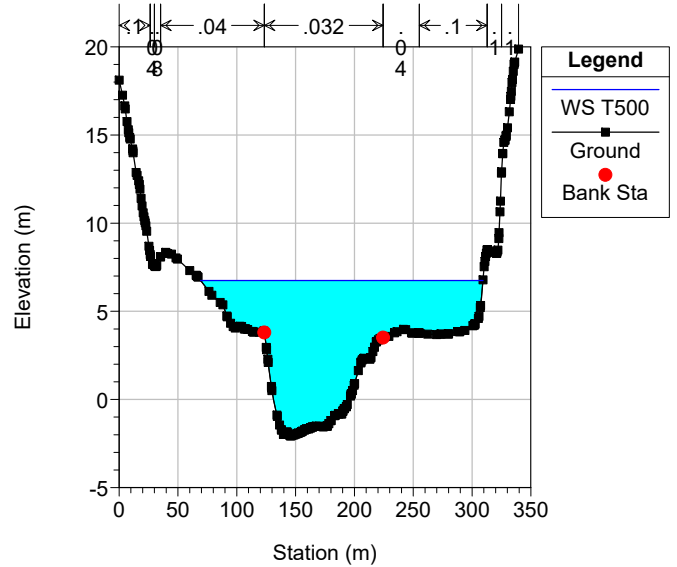
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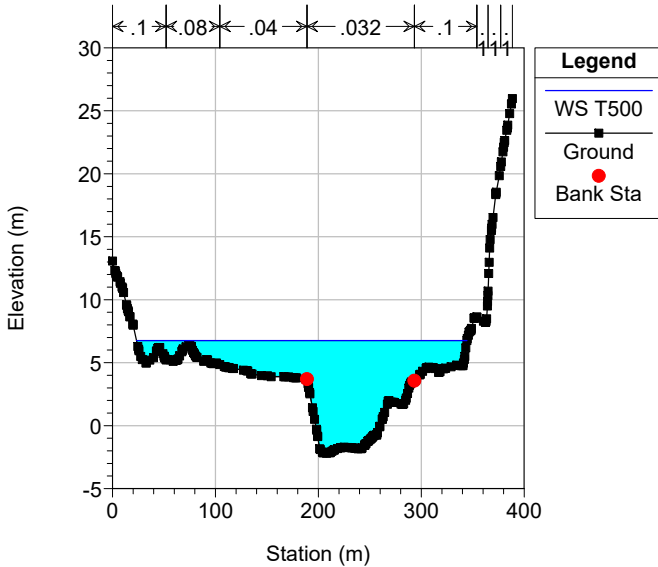
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 River = ORIA Reach = ORIA-2REGATA RS = 7903.640



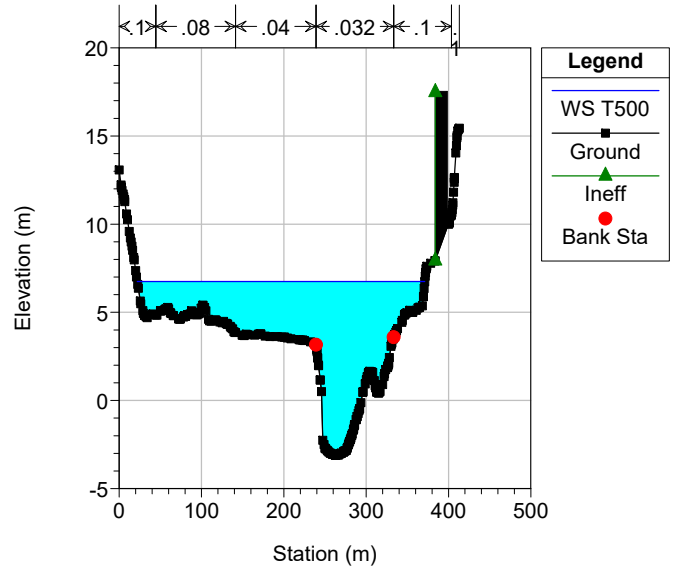
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 River = ORIA Reach = ORIA-2REGATA RS = 7847.759



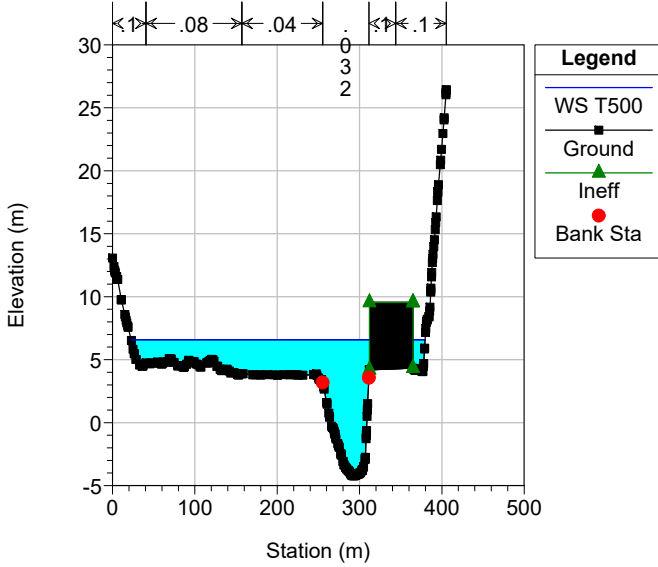
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 River = ORIA Reach = ORIA-2REGATA RS = 7801.729



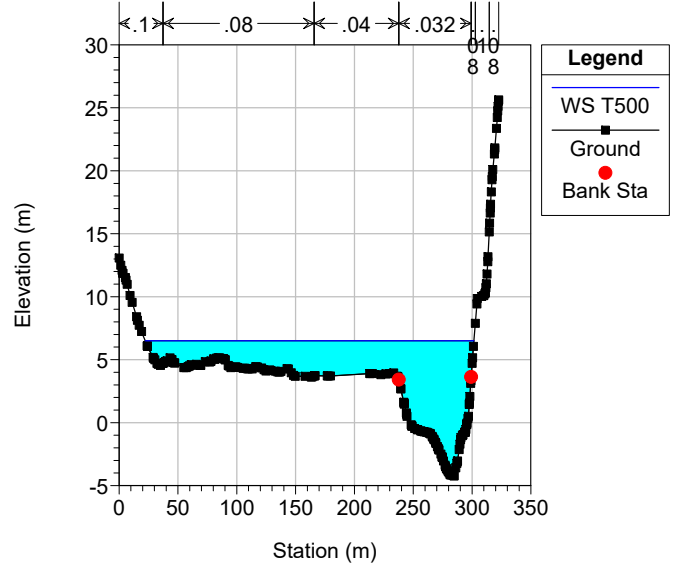
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
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 River = ORIA Reach = ORIA-2REGATA RS = 7741.837



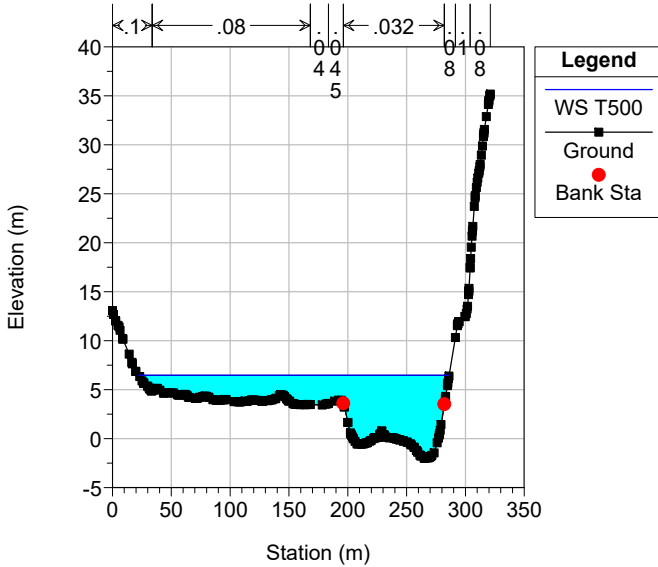
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 River = ORIA Reach = ORIA-2REGATA RS = 7673.066



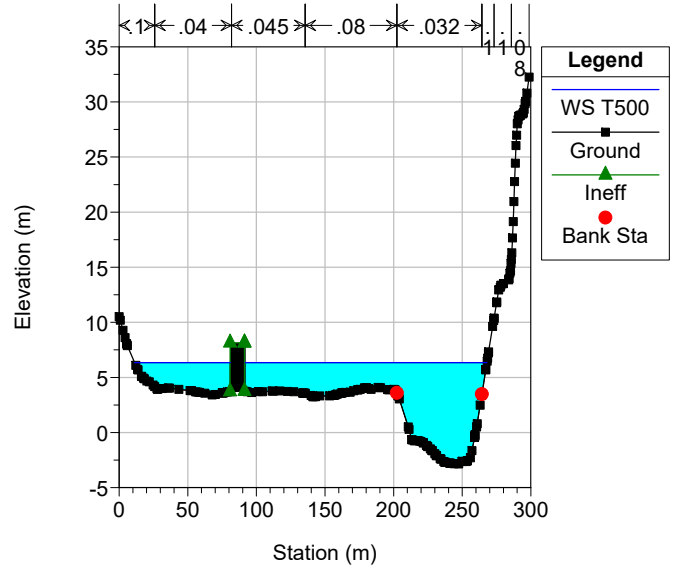
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7612.982



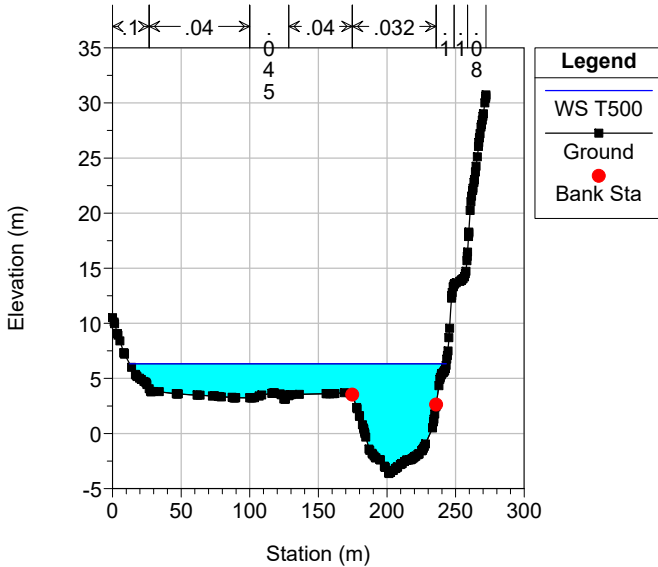
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 River = ORIA Reach = ORIA-2REGATA RS = 7489.045



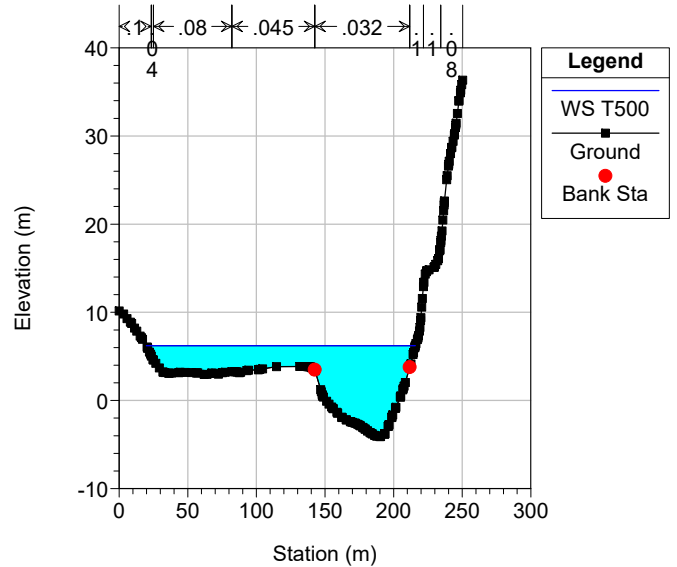
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 River = ORIA Reach = ORIA-2REGATA RS = 7379.956



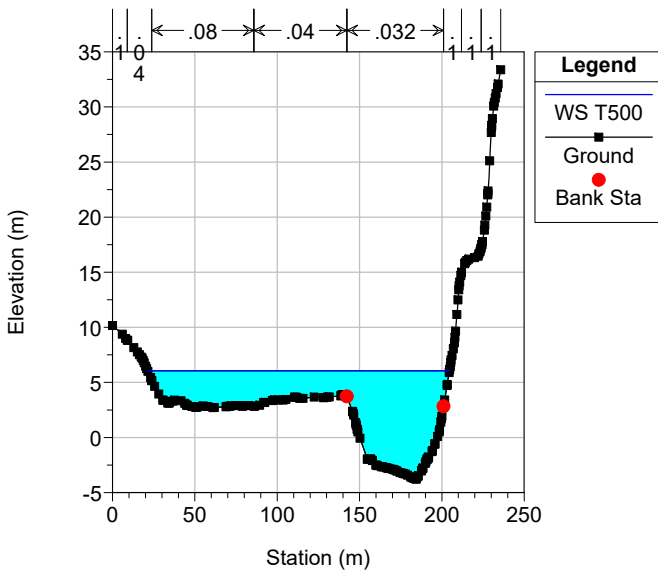
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 River = ORIA Reach = ORIA-2REGATA RS = 7284.814



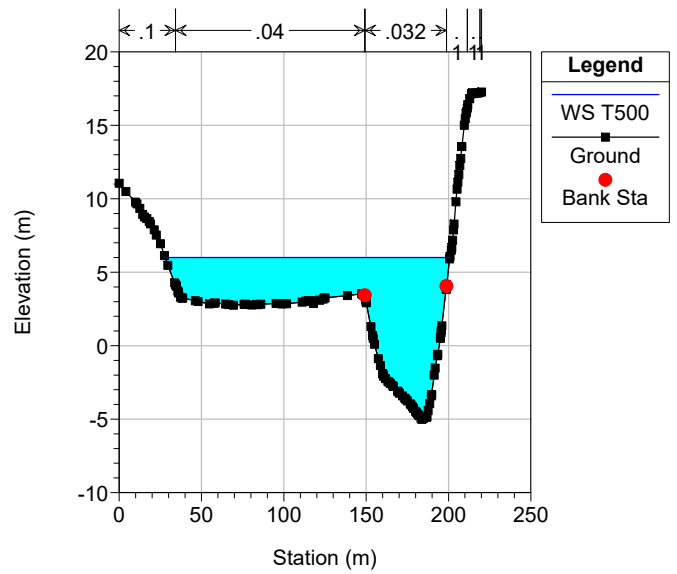
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 7169.117



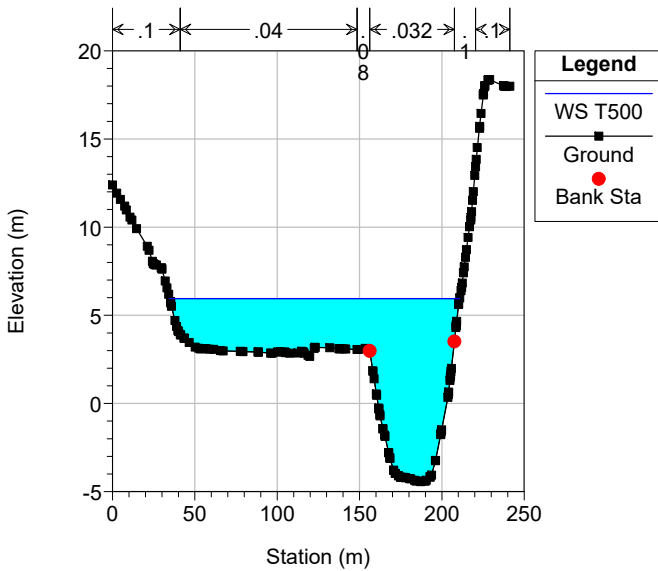
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 River = ORIA Reach = ORIA-2REGATA RS = 7053.360



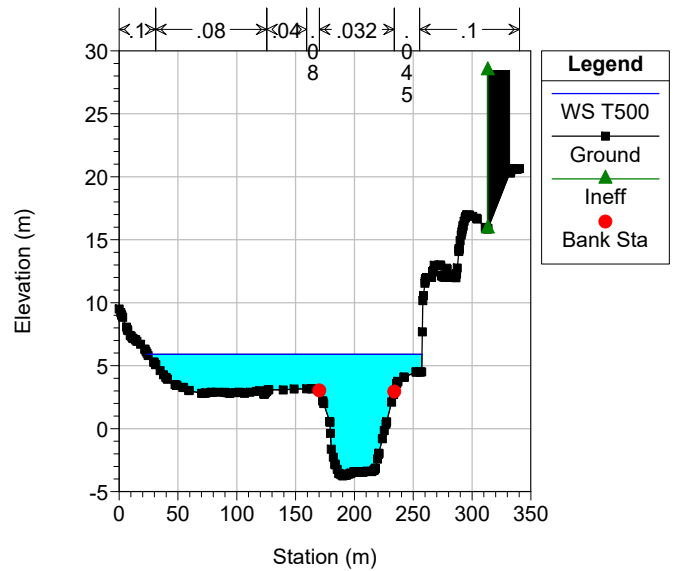
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 River = ORIA Reach = ORIA-2REGATA RS = 6948.222



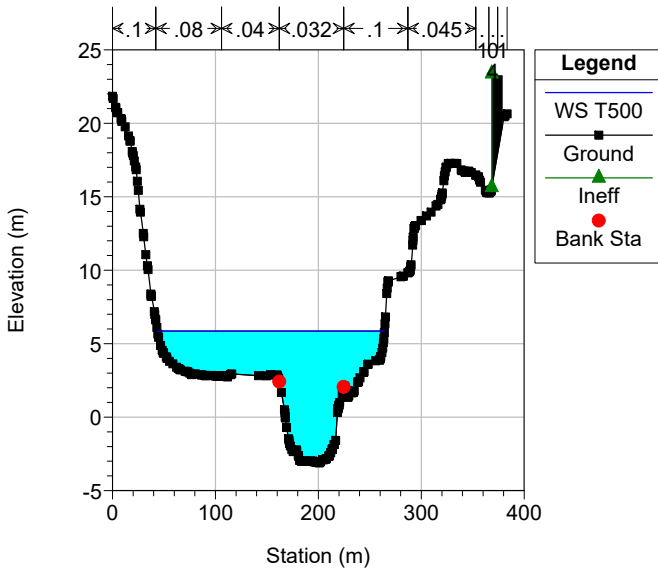
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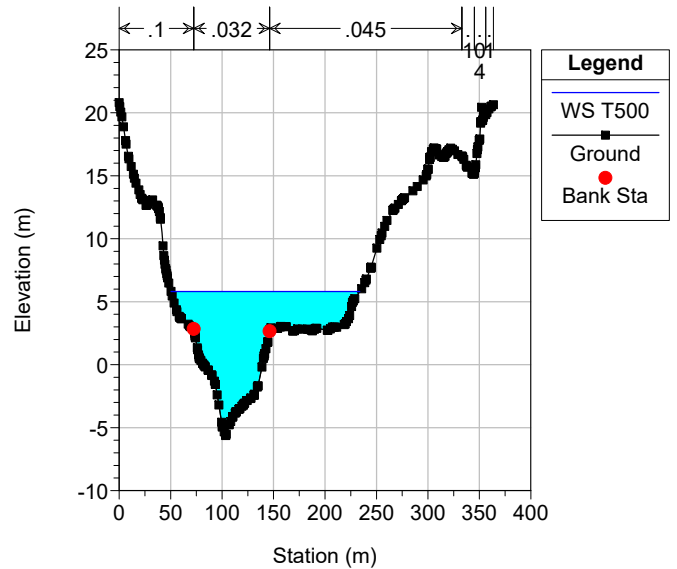
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 River = ORIA Reach = ORIA-2REGATA RS = 6746.670



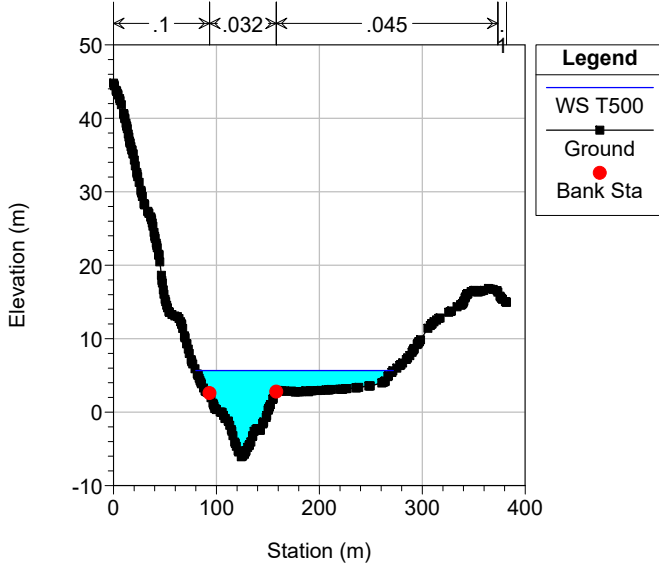
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 River = ORIA Reach = ORIA-2REGATA RS = 6662.602



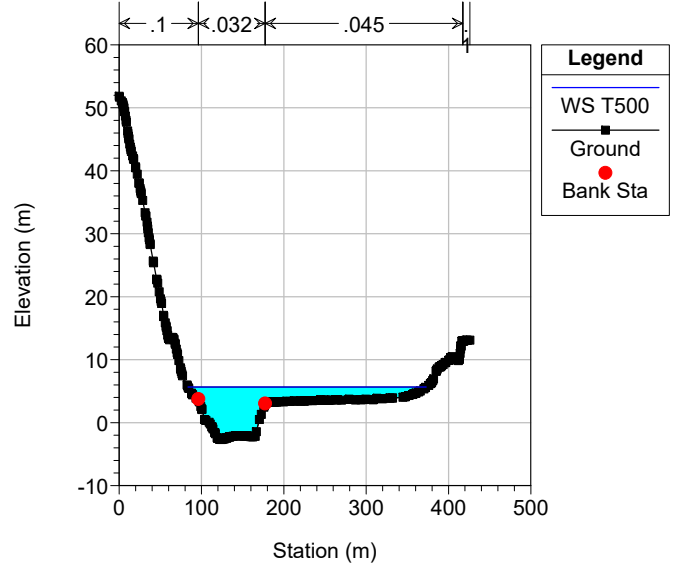
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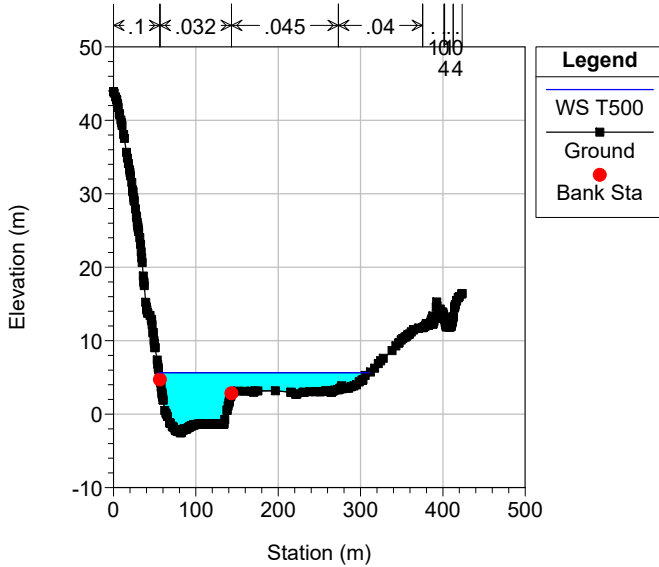
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 River = ORIA Reach = ORIA-2REGATA RS = 6431.793



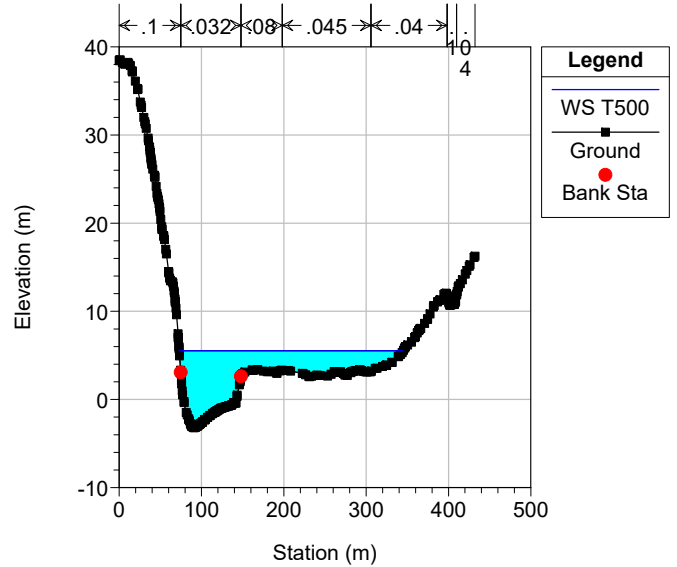
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6304.601



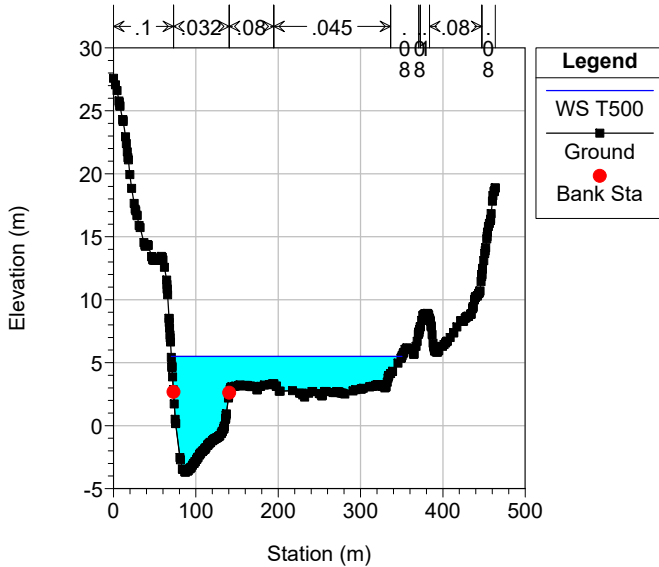
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 River = ORIA Reach = ORIA-2REGATA RS = 6189.018



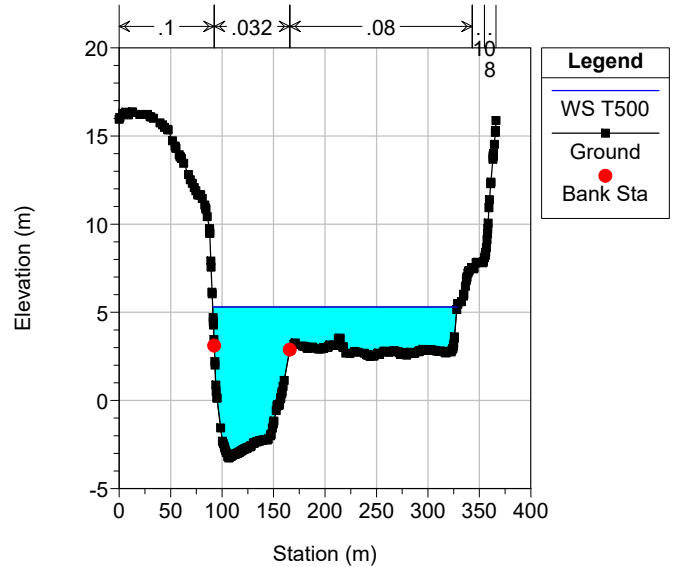
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
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 River = ORIA Reach = ORIA-2REGATA RS = 6080.500



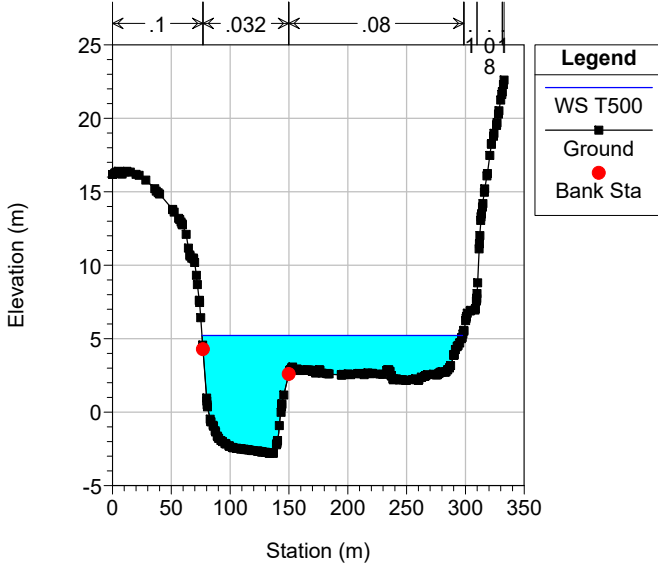
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 6008.231



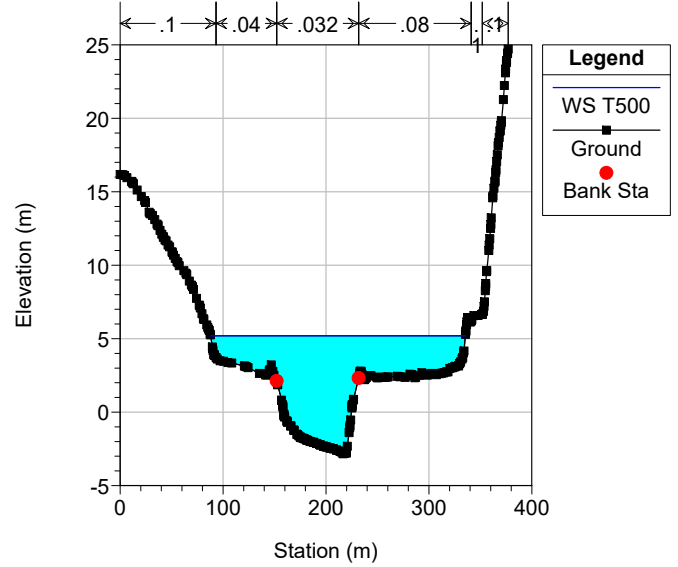
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 River = ORIA Reach = ORIA-2REGATA RS = 5871.649



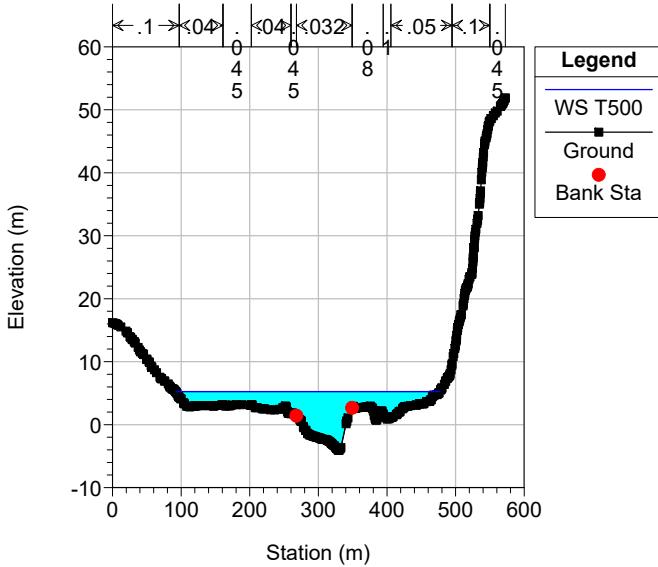
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5790.657



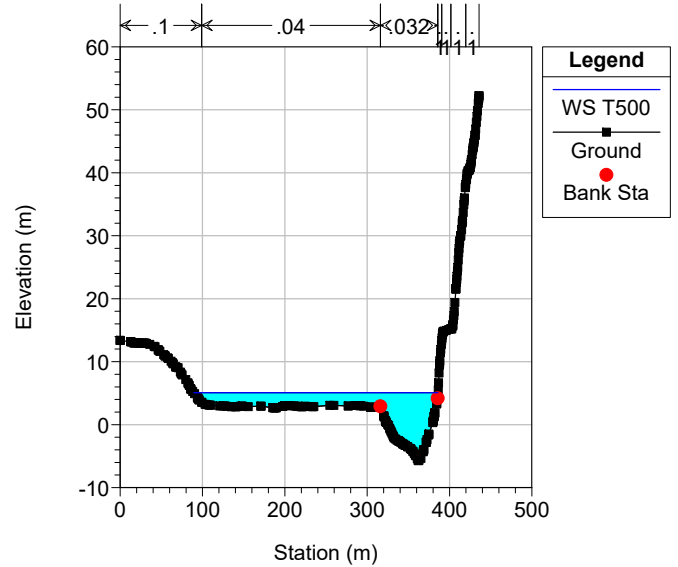
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5682.440



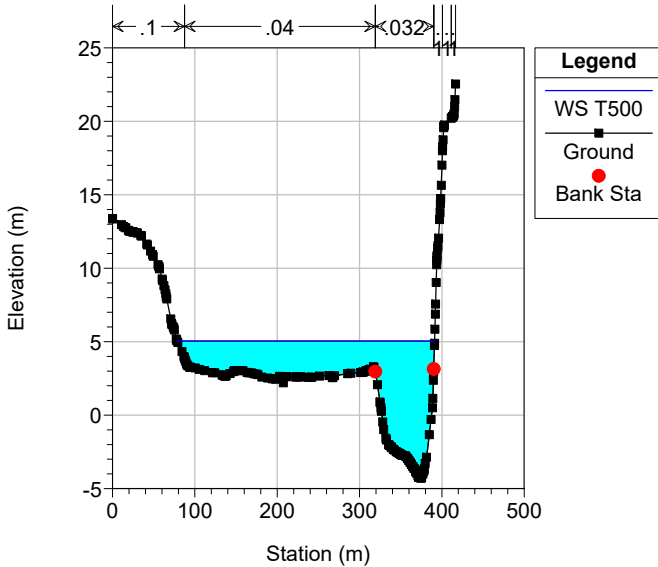
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River = ORIA Reach = ORIA-2REGATA RS = 5556.492



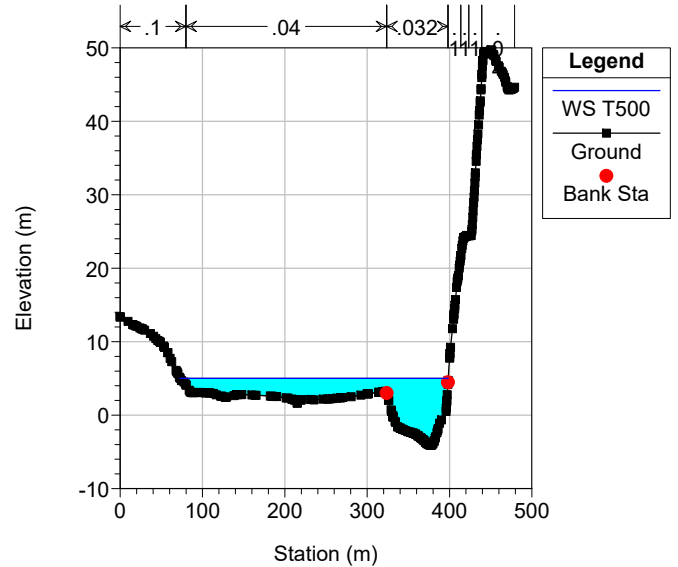
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Geom: T500+ REGATA FUT Flow: T500+REGATA
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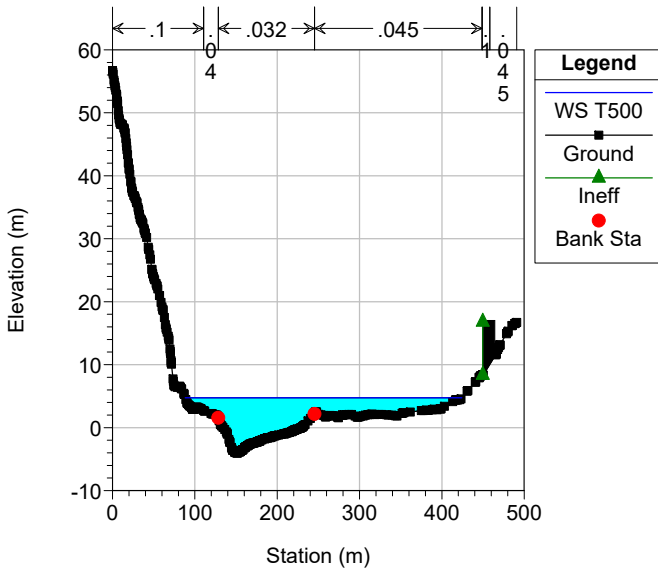
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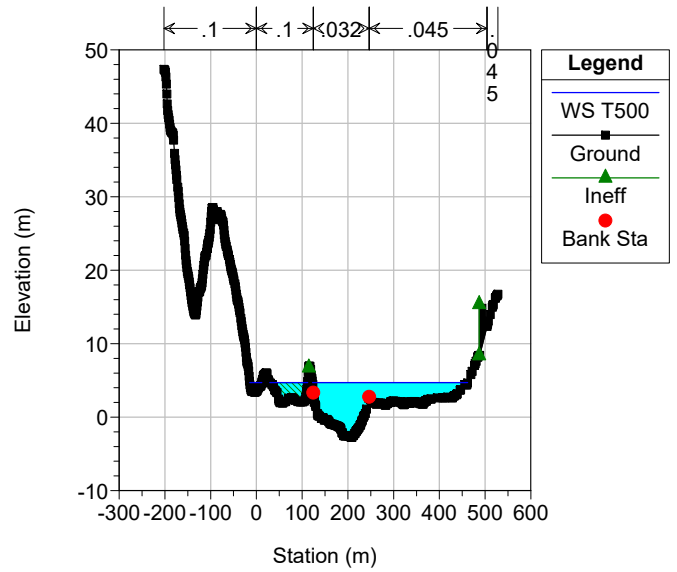
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 5179.899



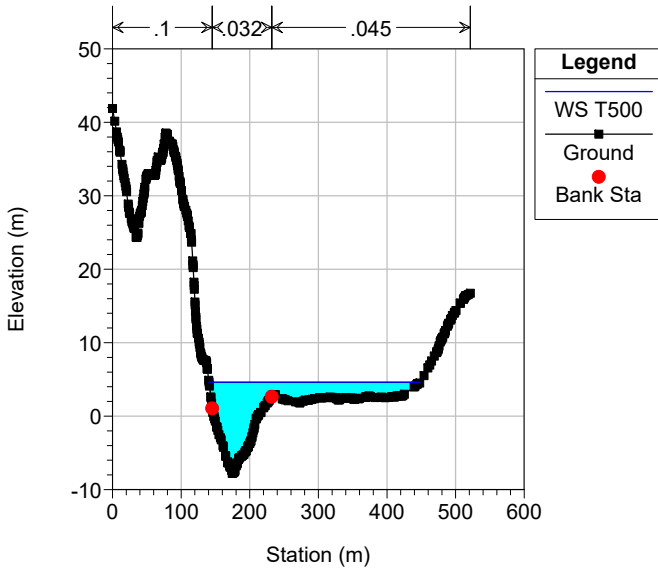
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4356.233



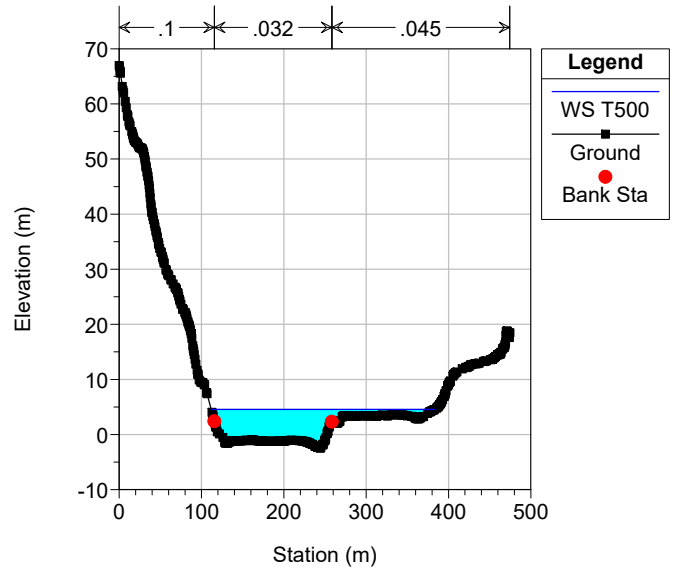
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4259.779



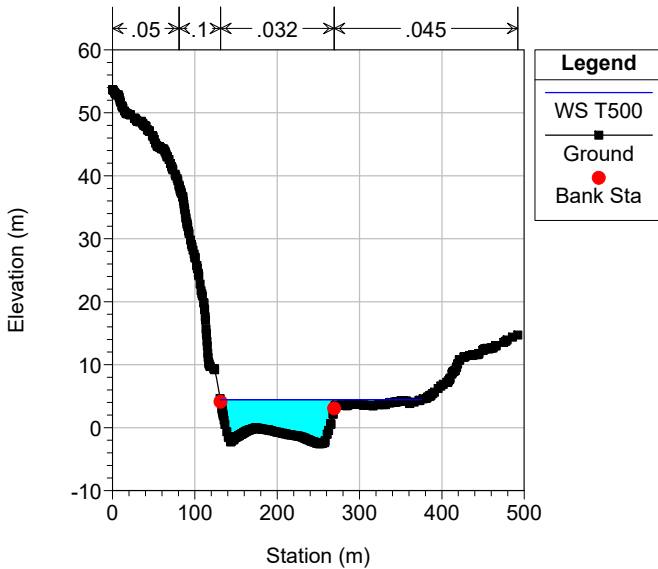
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 4158.449



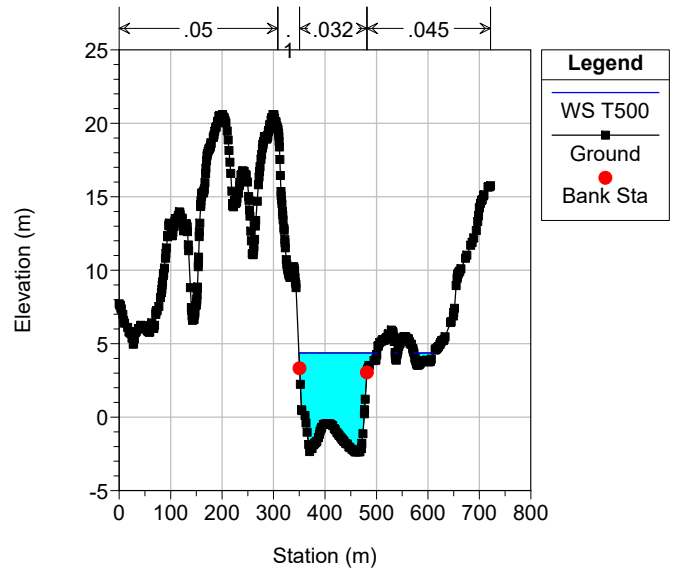
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3974.194



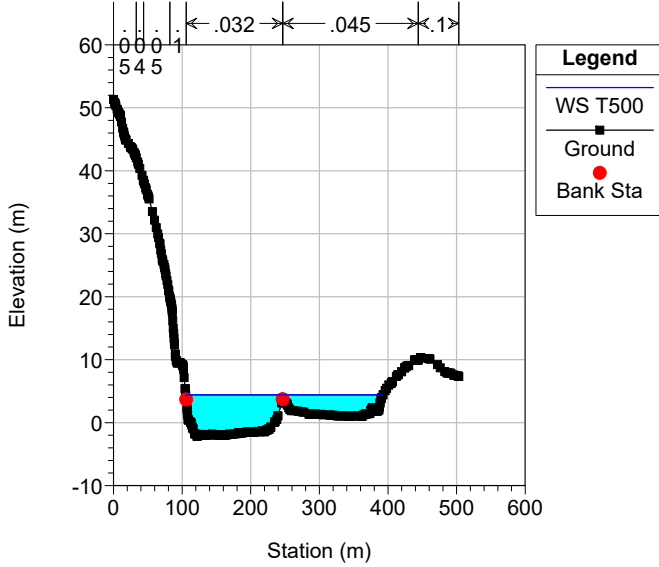
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3886.724



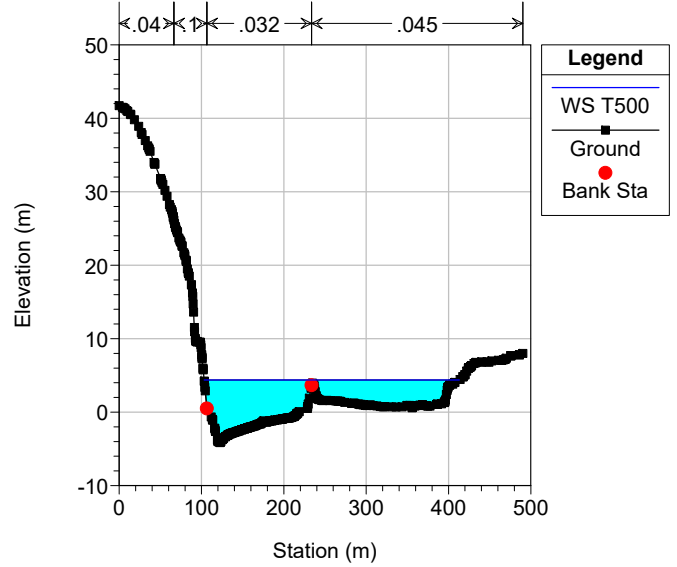
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3808.914



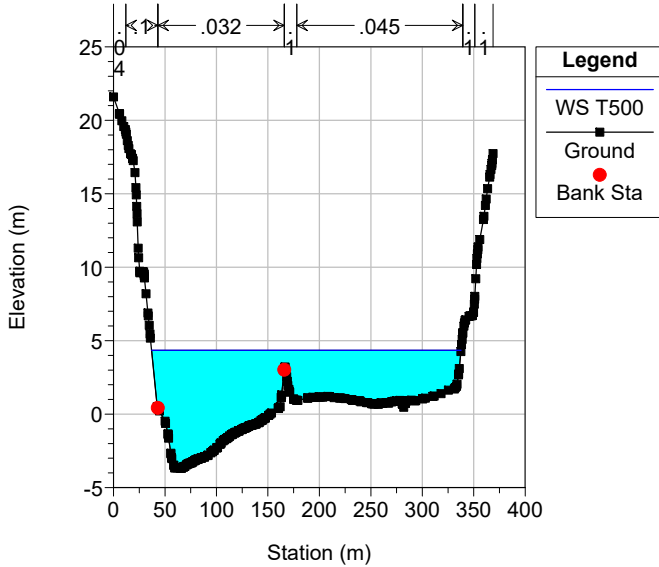
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3658.406



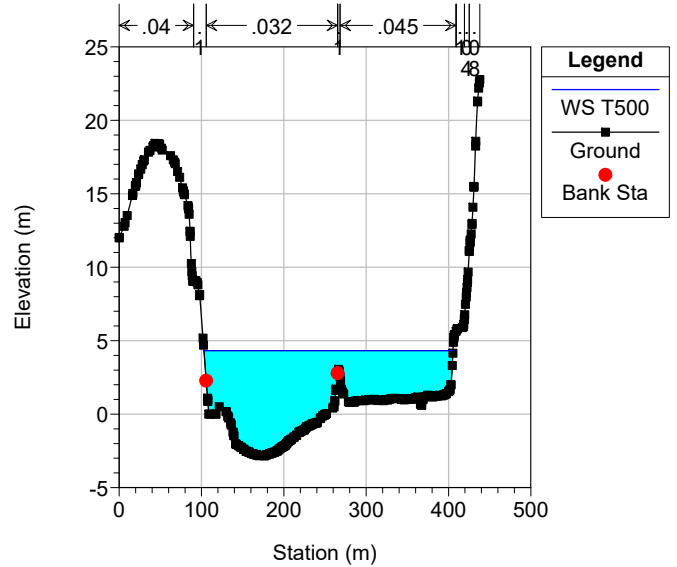
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3566.720



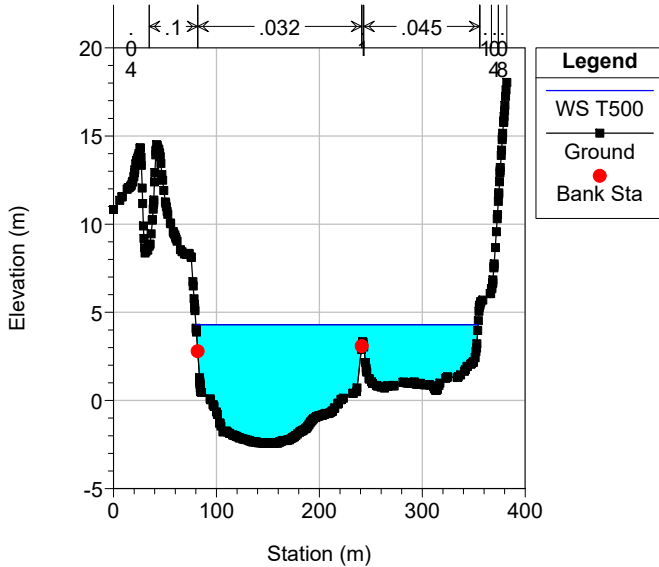
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3442.677



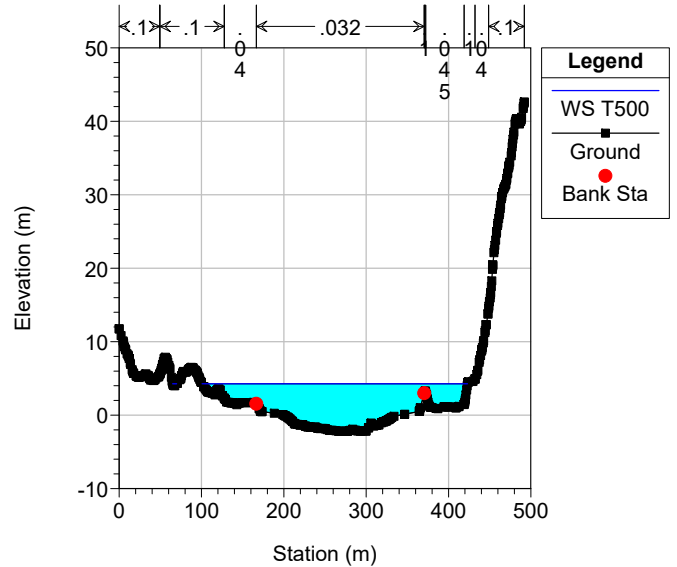
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3337.678



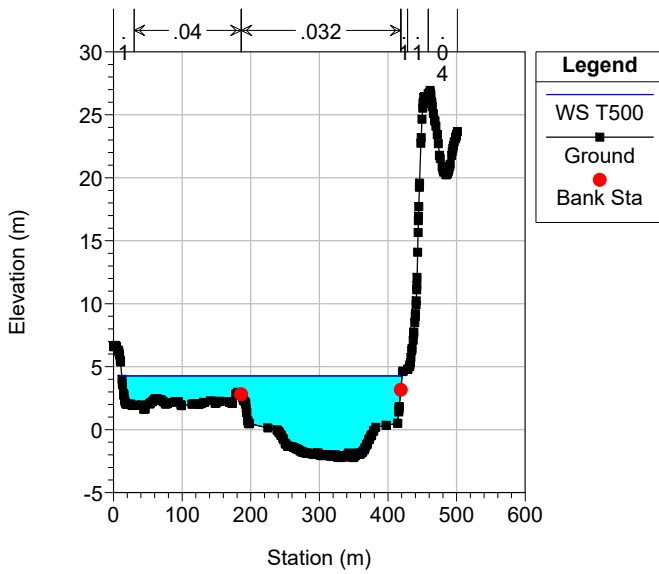
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3270.399



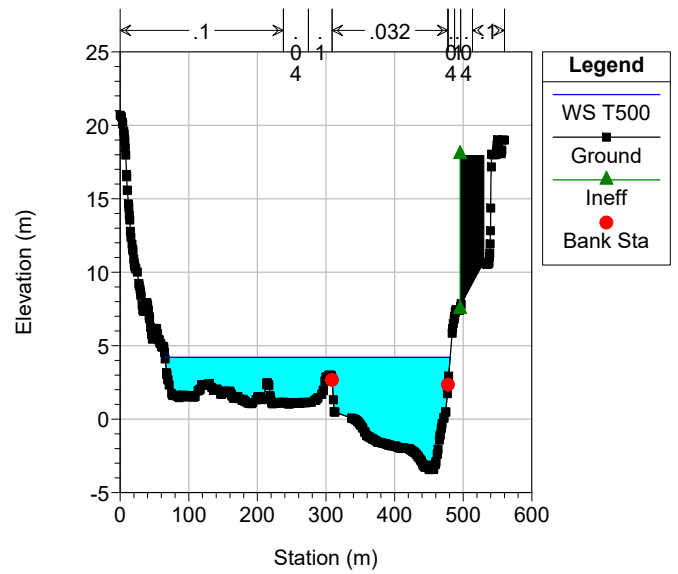
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3154.791



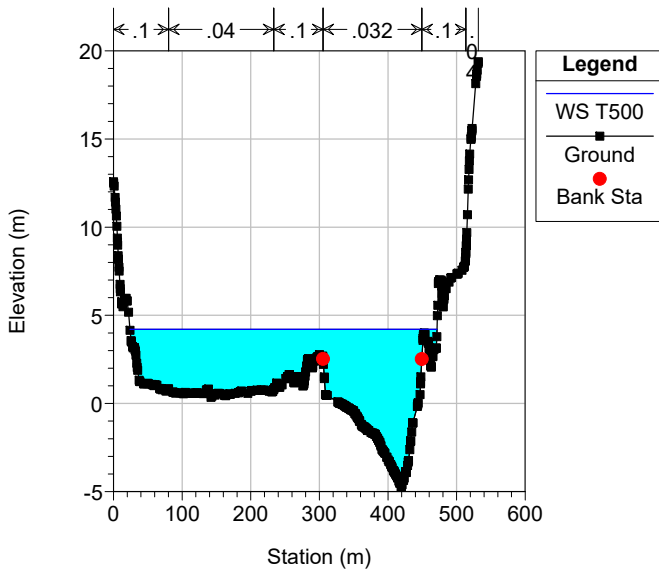
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 3051.658



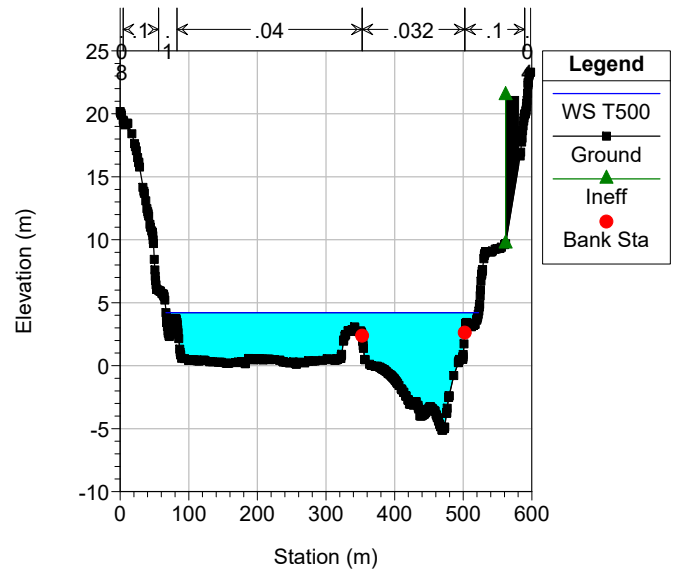
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2911.274



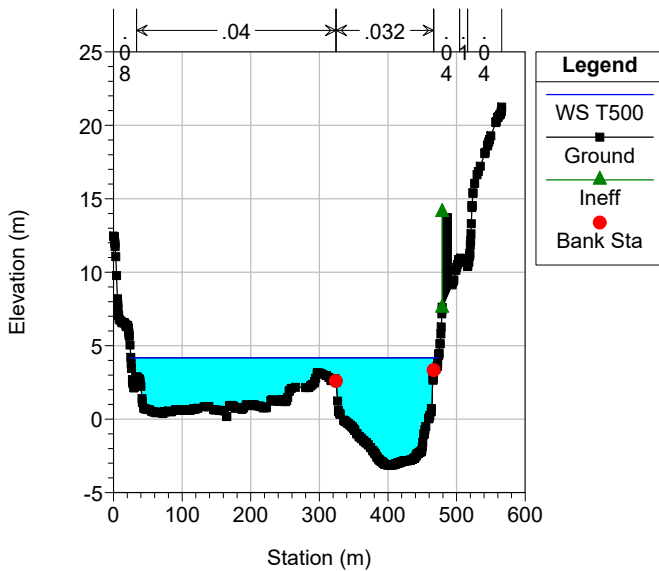
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2822.969



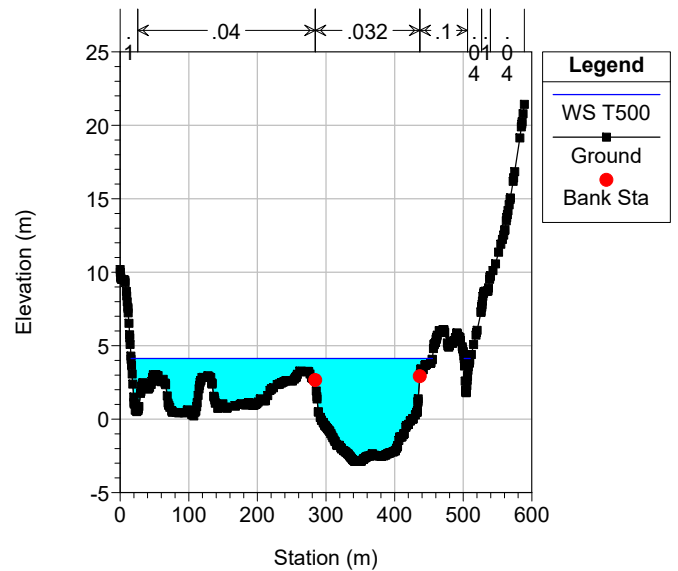
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2720.568



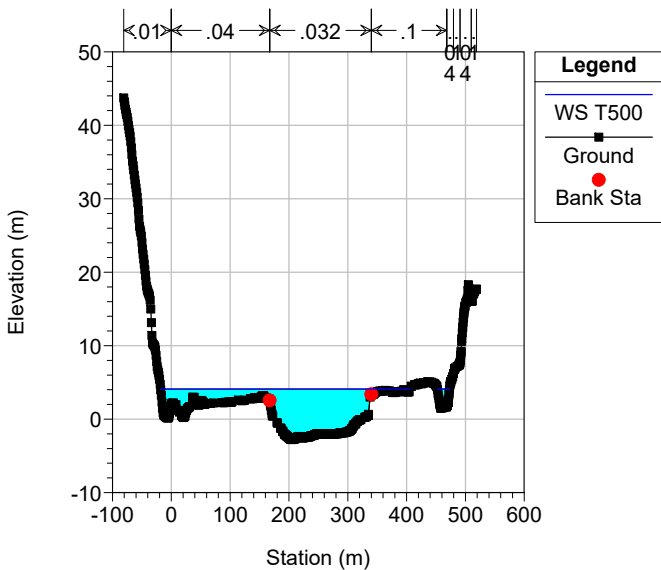
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2634.605



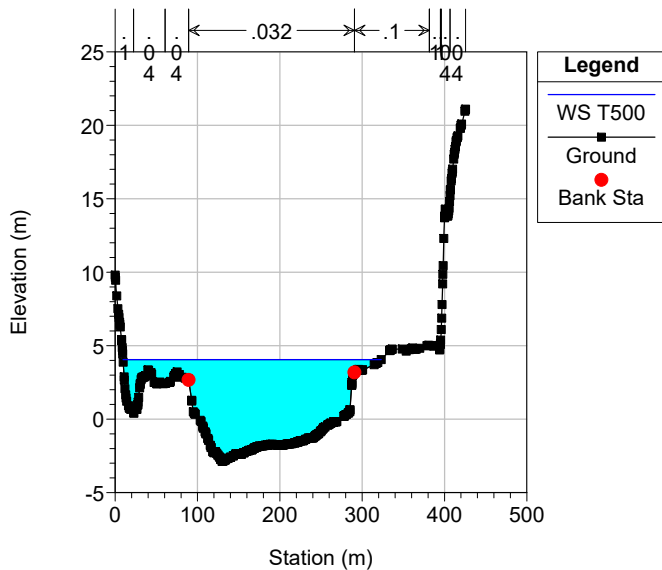
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2544.922



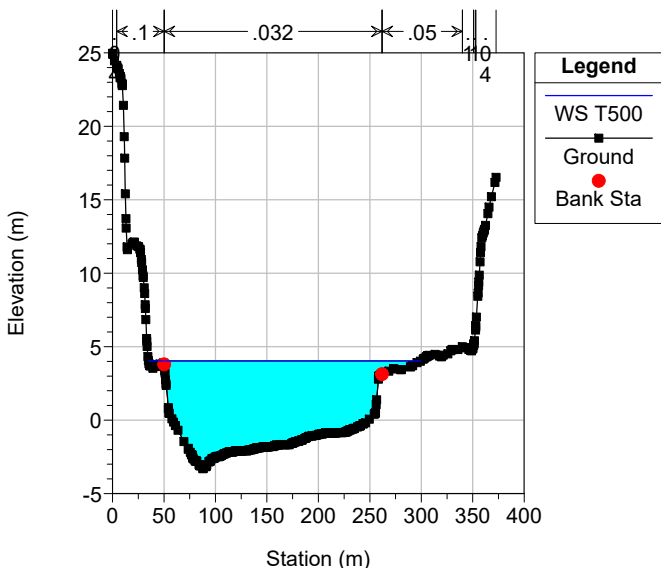
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2427.927



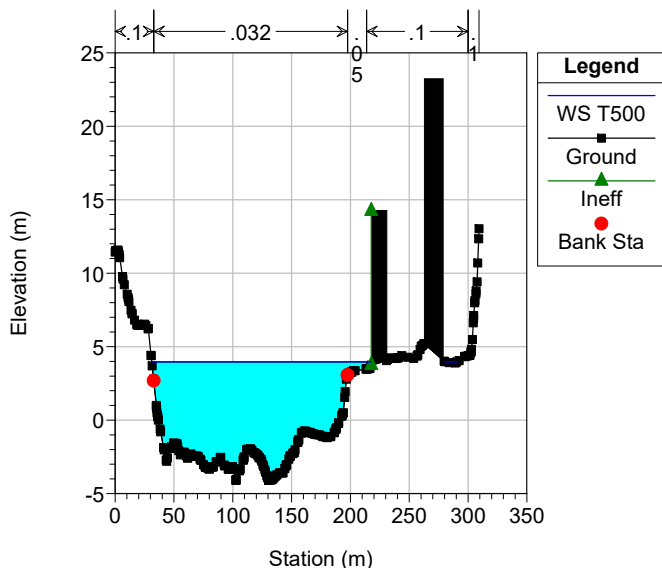
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 River = ORIA Reach = ORIA-2REGATA RS = 2339.462



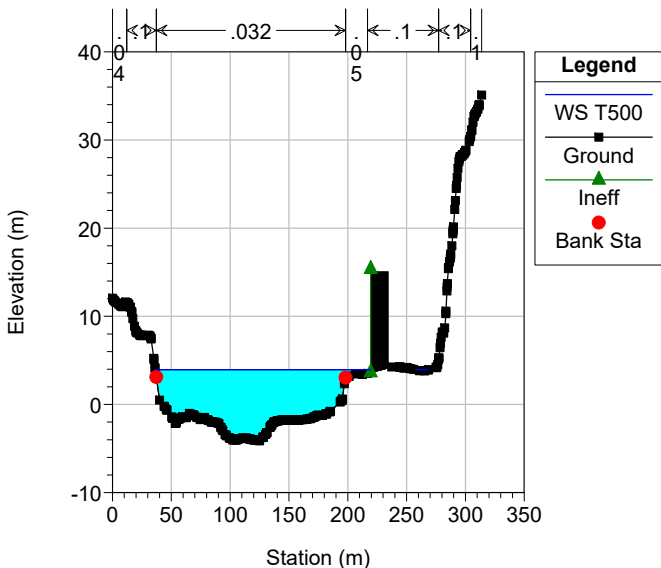
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 River = ORIA Reach = ORIA-2REGATA RS = 2269.400



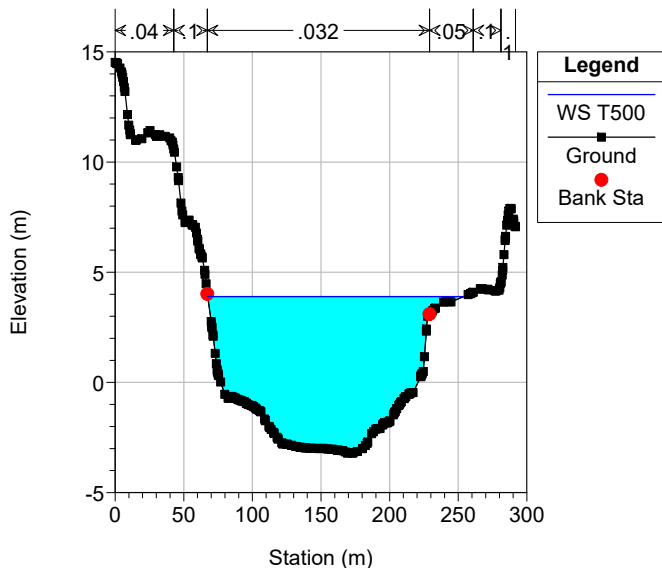
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 River = ORIA Reach = ORIA-2REGATA RS = 2161.252



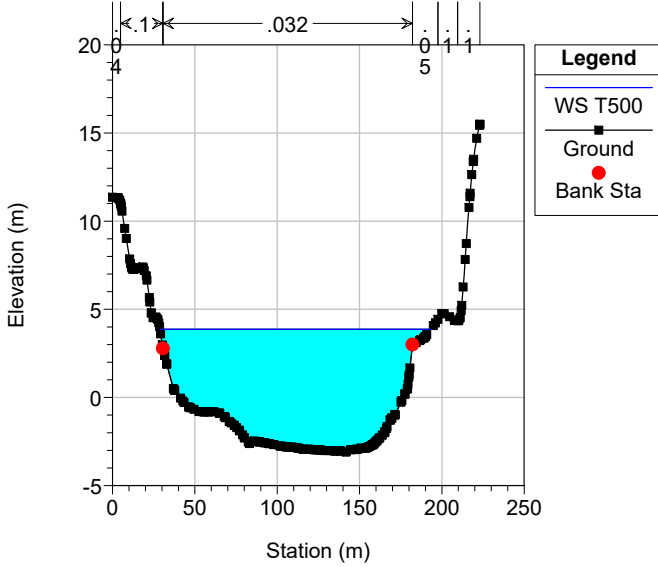
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 2119.406



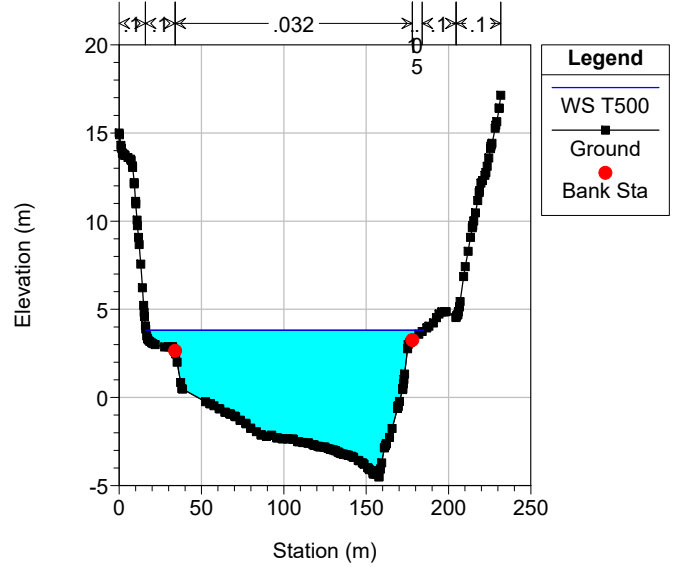
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 River = ORIA Reach = ORIA-2REGATA RS = 2058.987



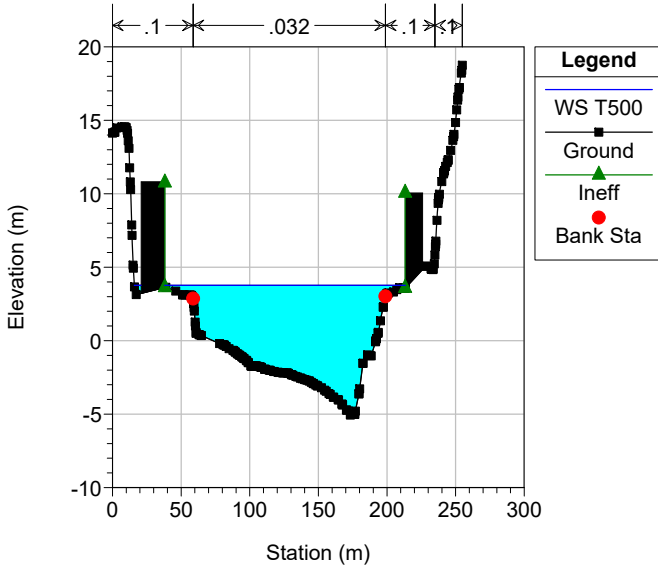
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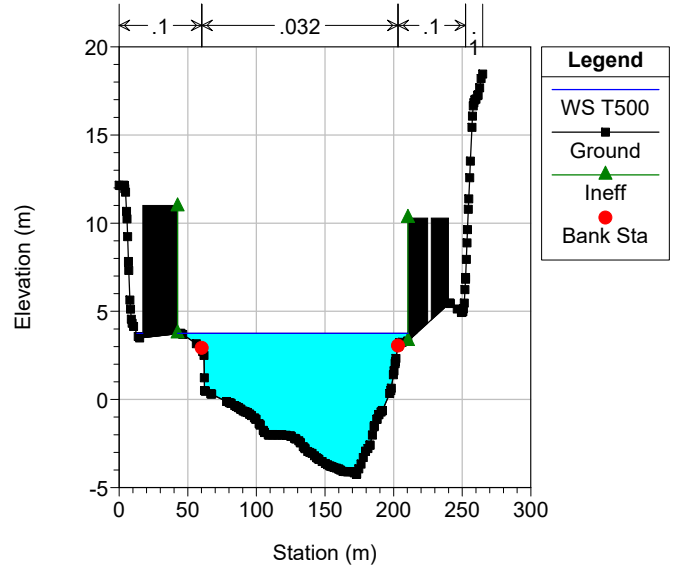
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 River = ORIA Reach = ORIA-2REGATA RS = 1983.467



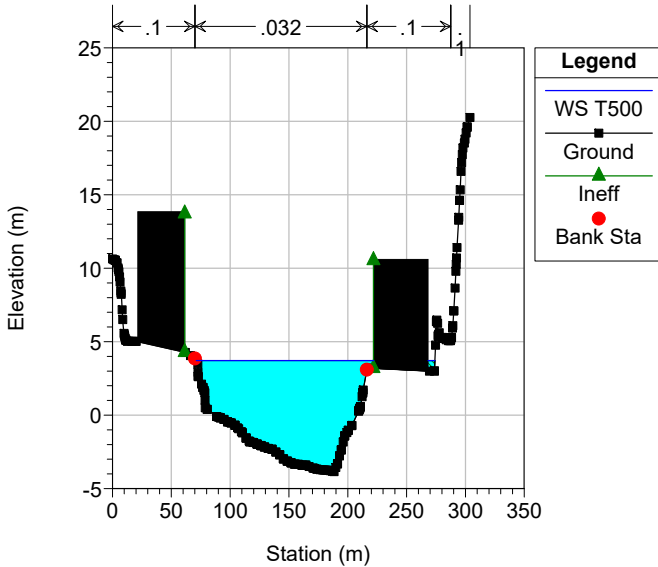
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 River = ORIA Reach = ORIA-2REGATA RS = 1935.376



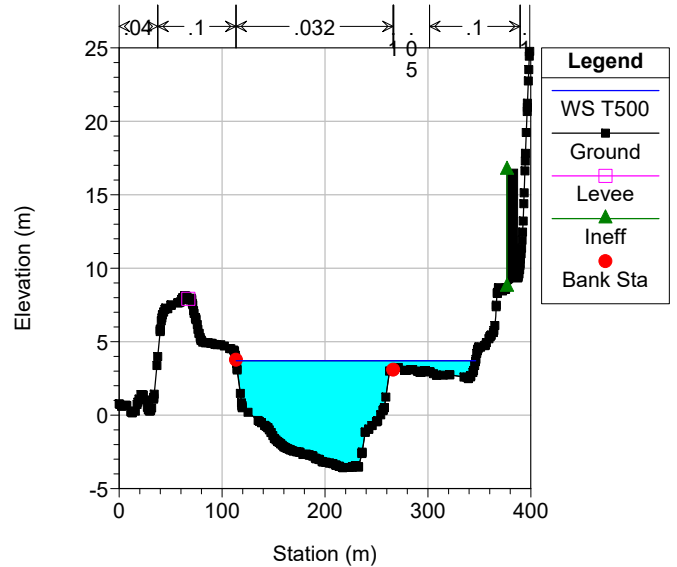
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1884.235



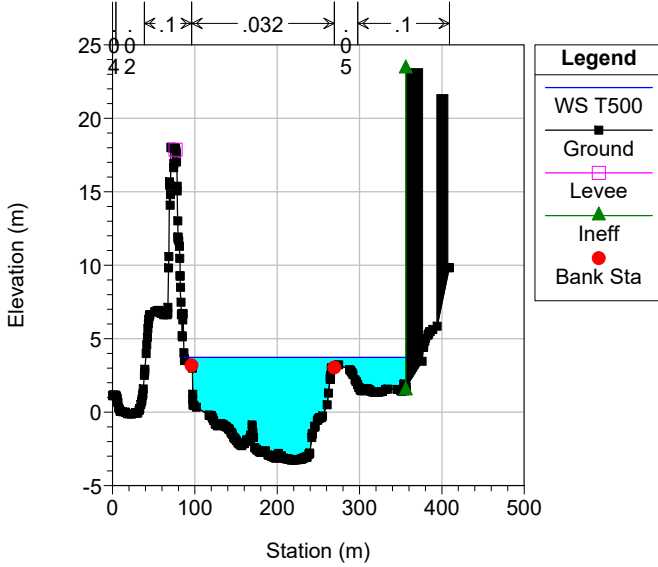
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1831.032



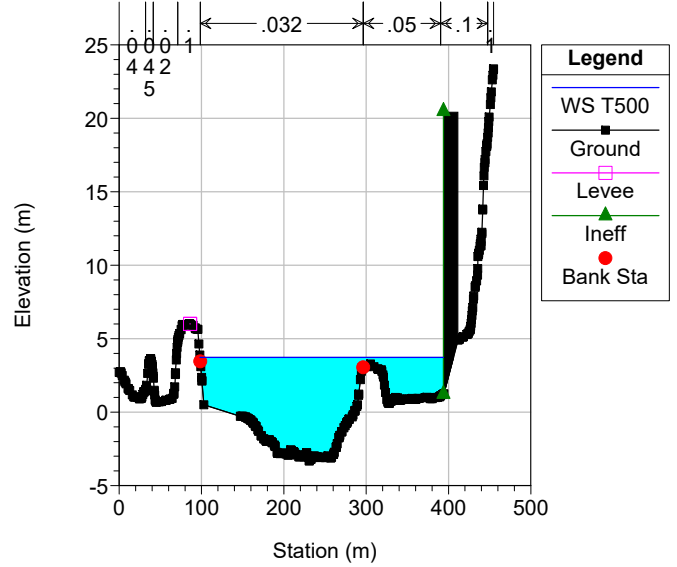
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1779.842



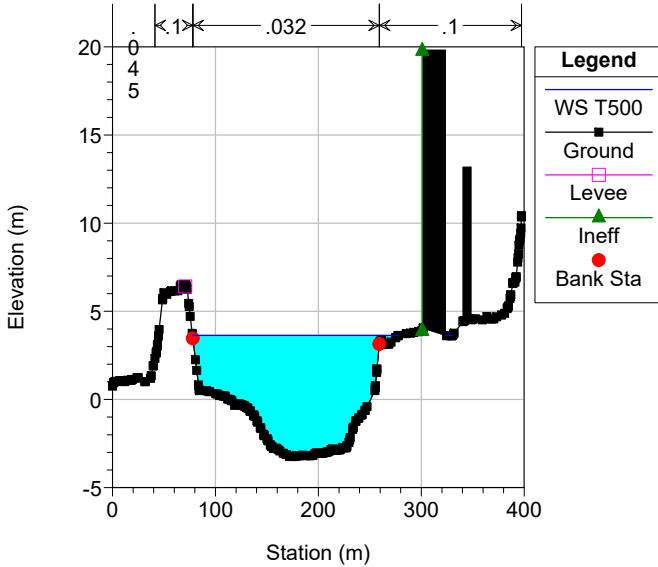
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1730.022



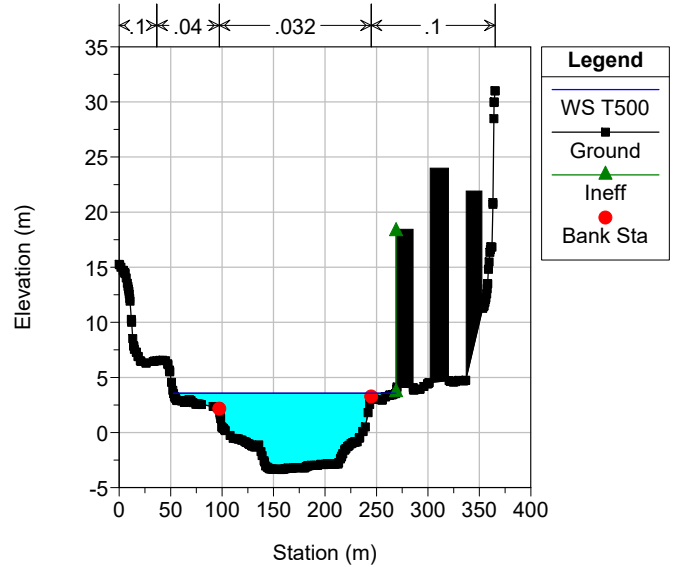
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 River = ORIA Reach = ORIA-2REGATA RS = 1661.702



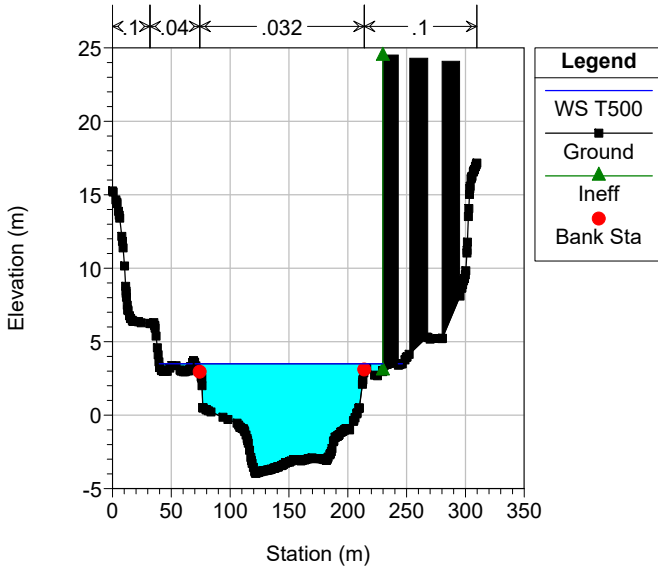
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1578.735



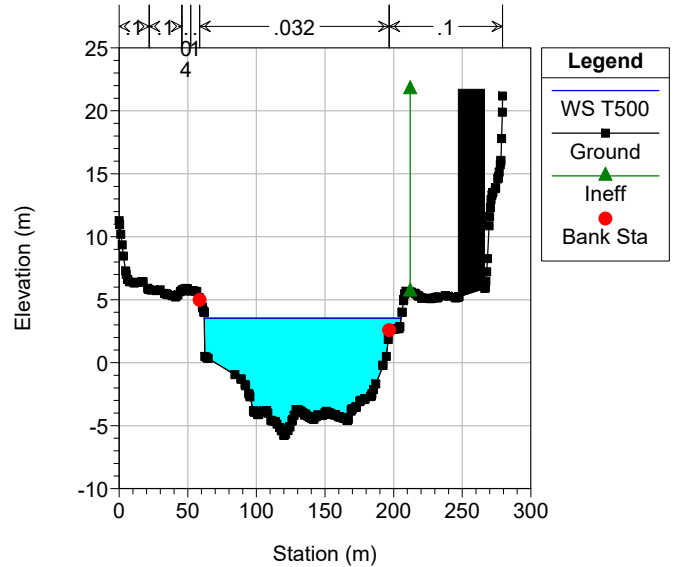
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 River = ORIA Reach = ORIA-2REGATA RS = 1553.596



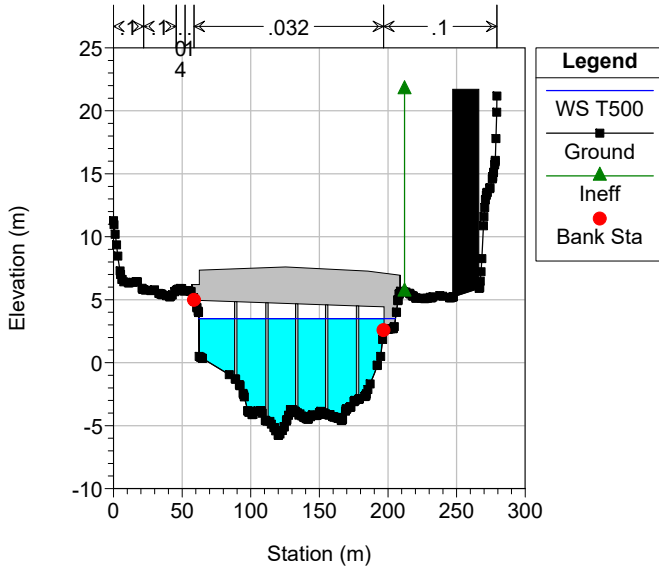
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 River = ORIA Reach = ORIA-2REGATA RS = 1514.229



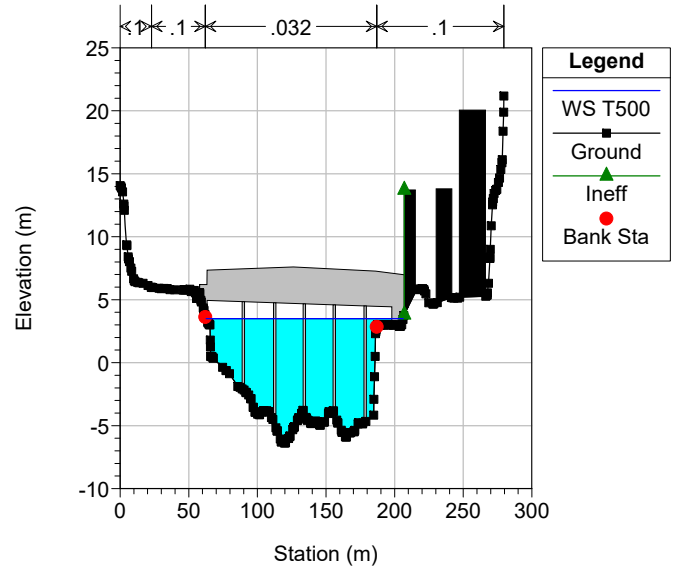
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 River = ORIA Reach = ORIA-2REGATA RS = 1477.101



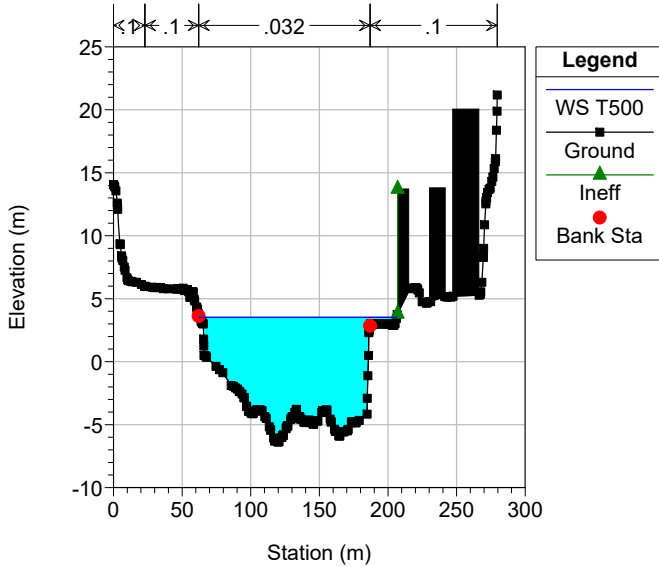
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
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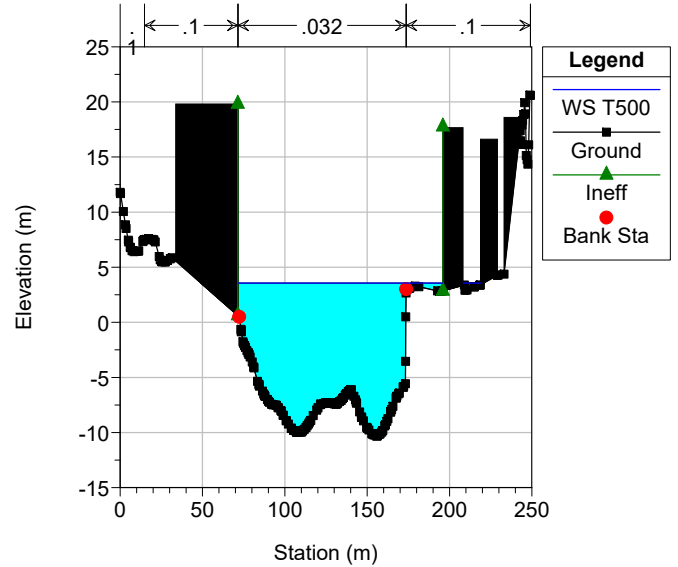
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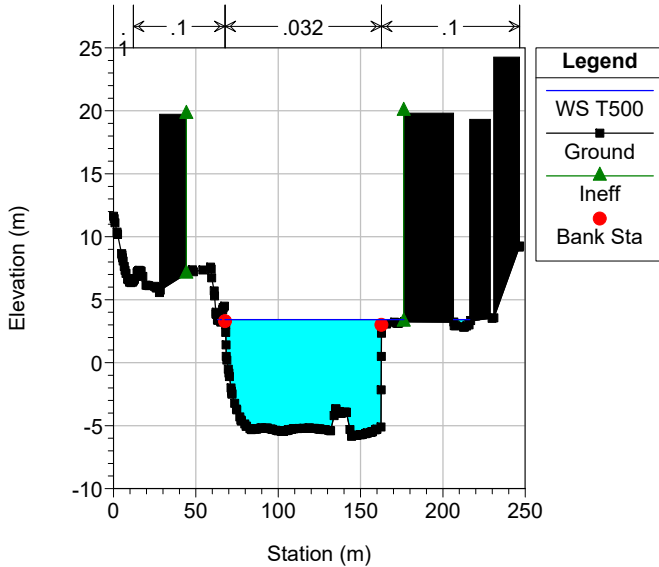
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-2REGATA RS = 1465.333



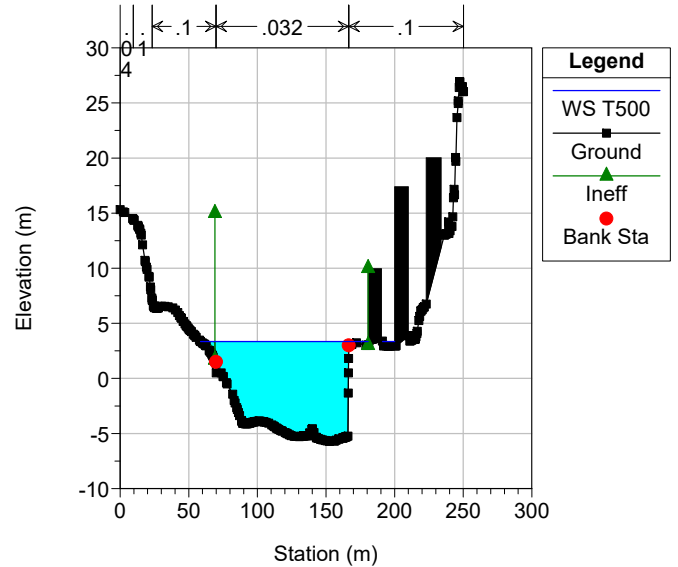
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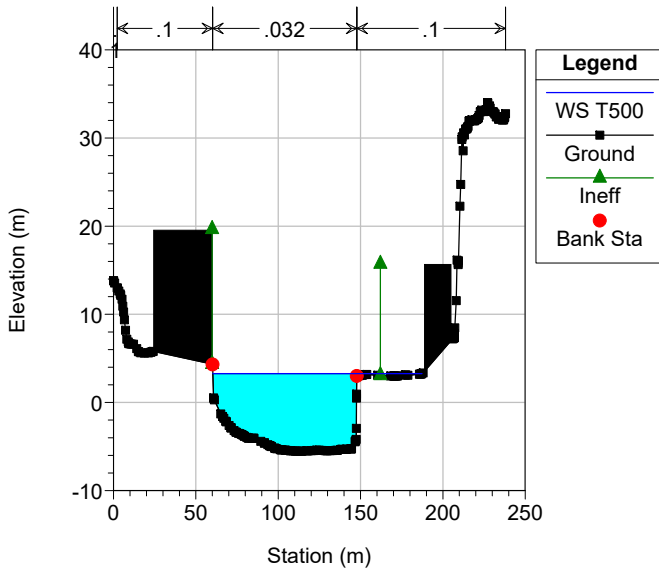
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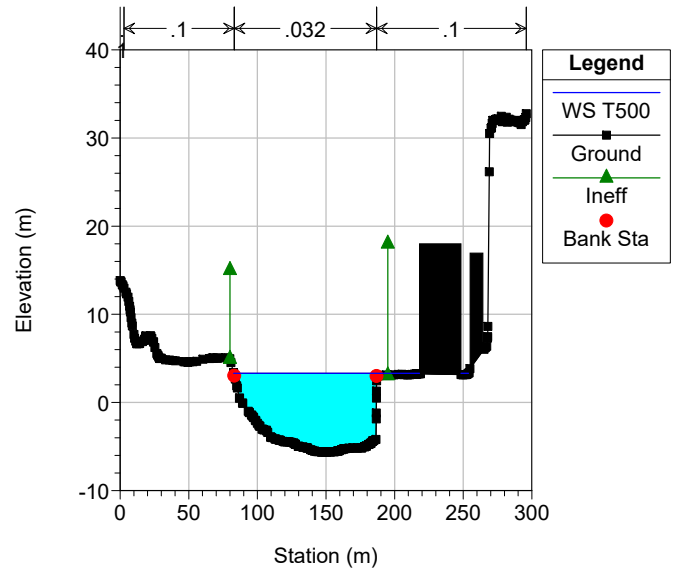
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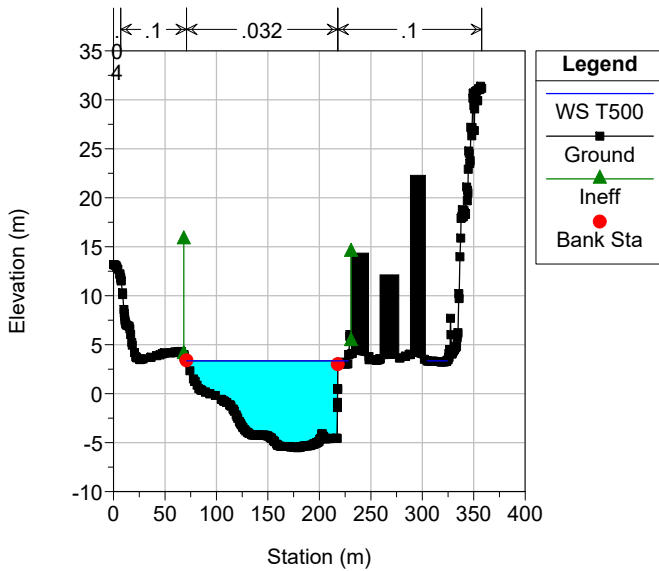
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1286.482



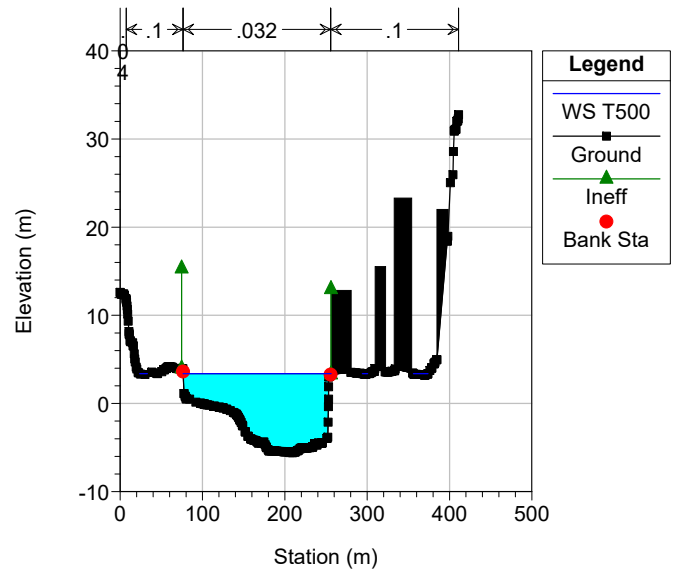
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1241.408



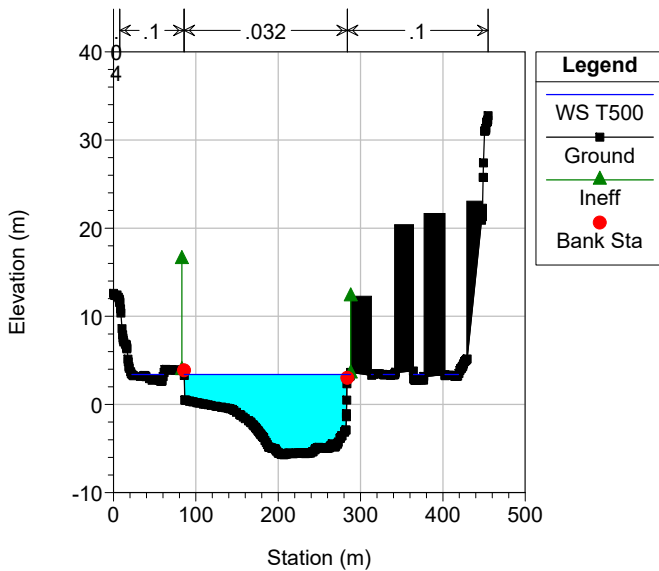
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1194.451



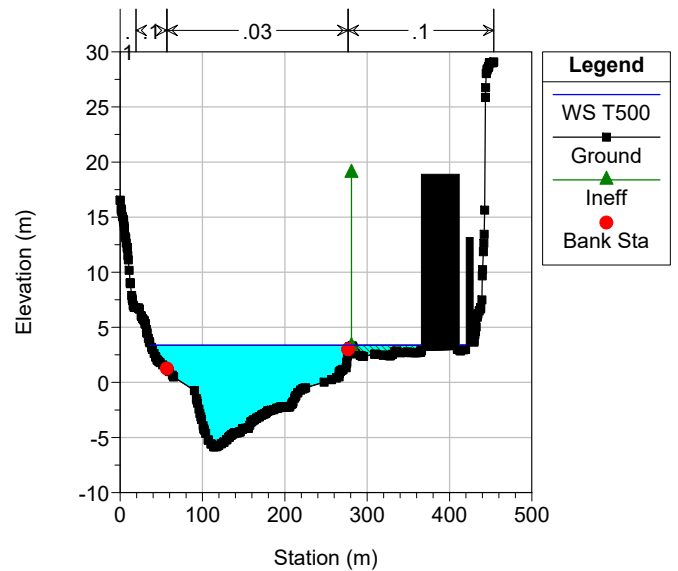
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1156.984



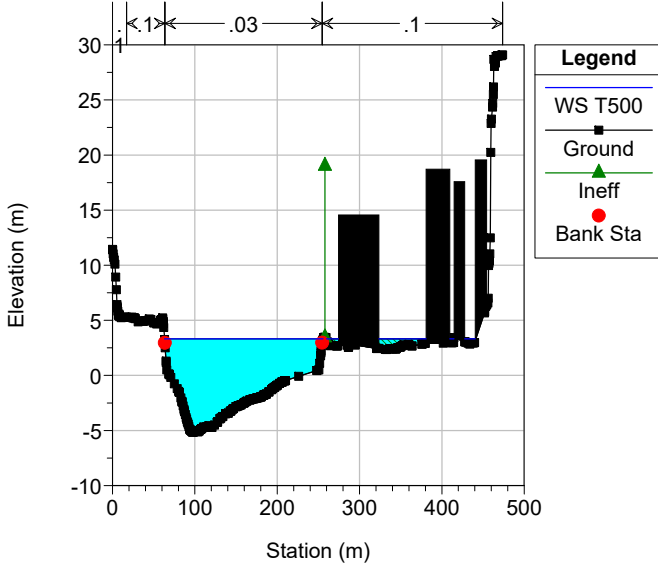
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-2REGATA RS = 1133.869



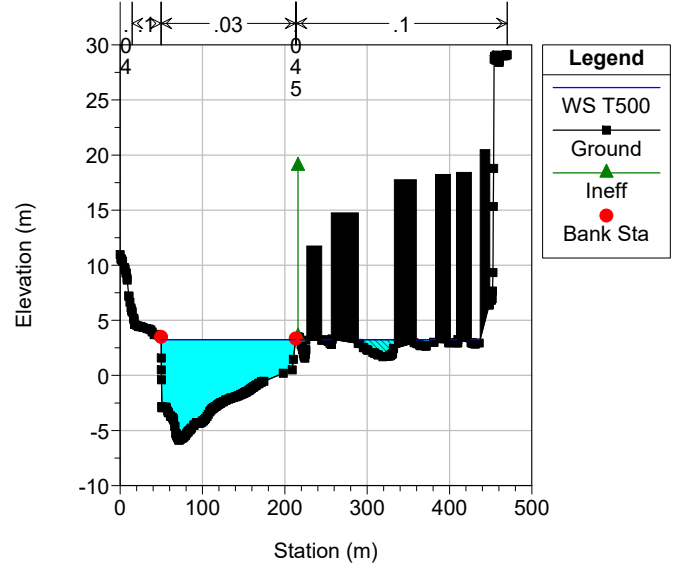
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Geom: T500+ REGATA FUT Flow: T500+REGATA
River = ORIA Reach = ORIA-1 RS = 1037.507



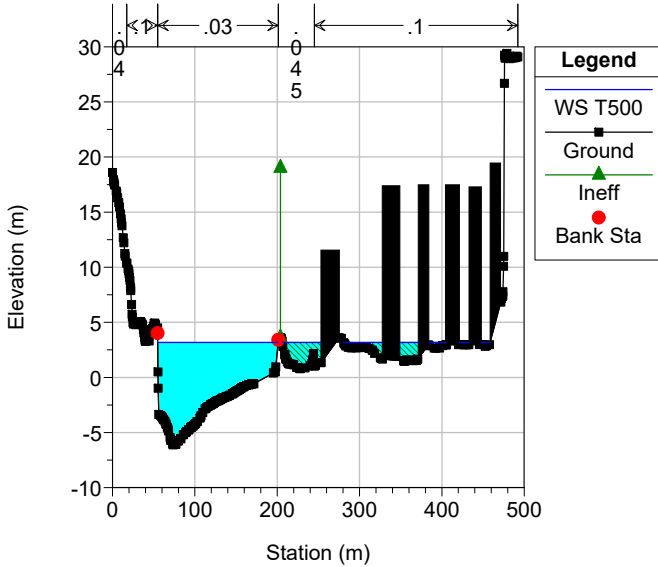
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
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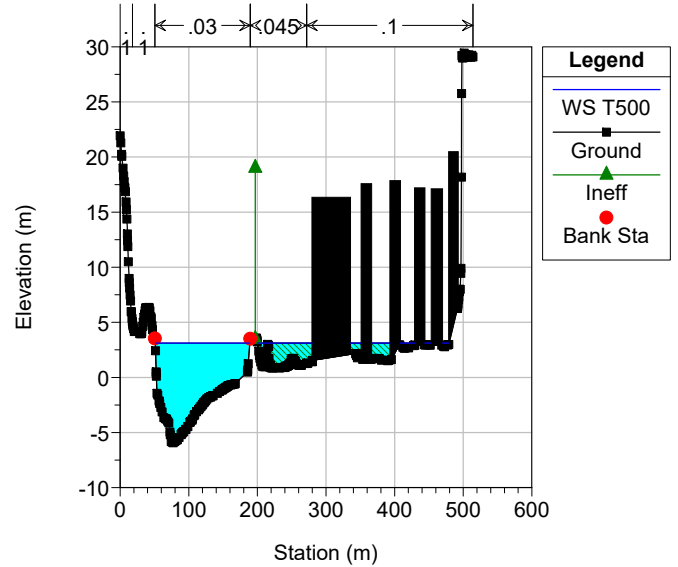
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 935.5785



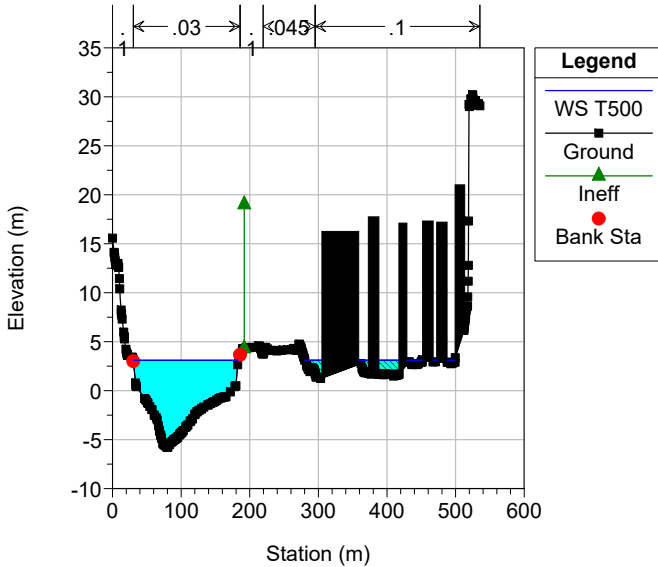
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 886.6628



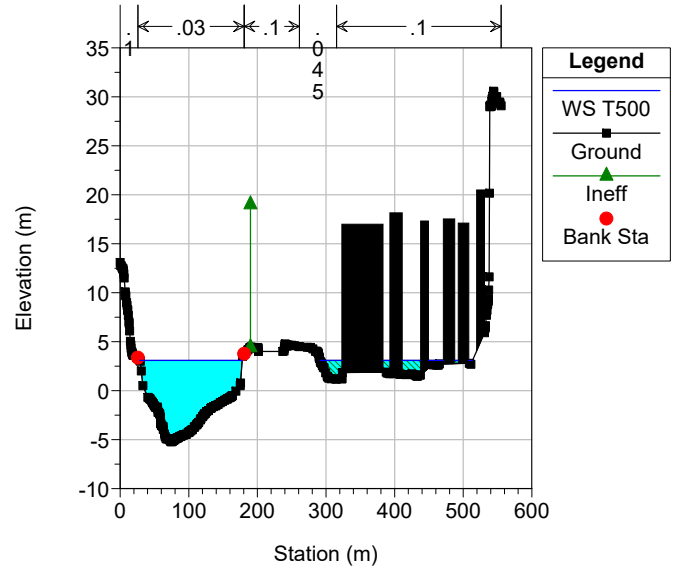
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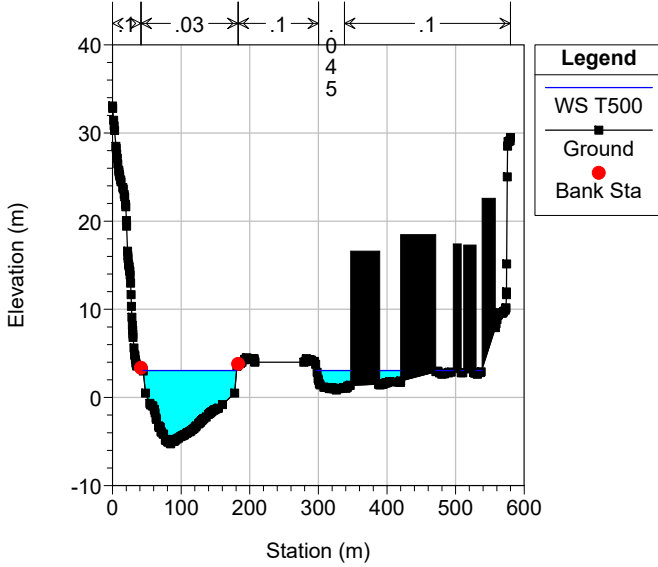
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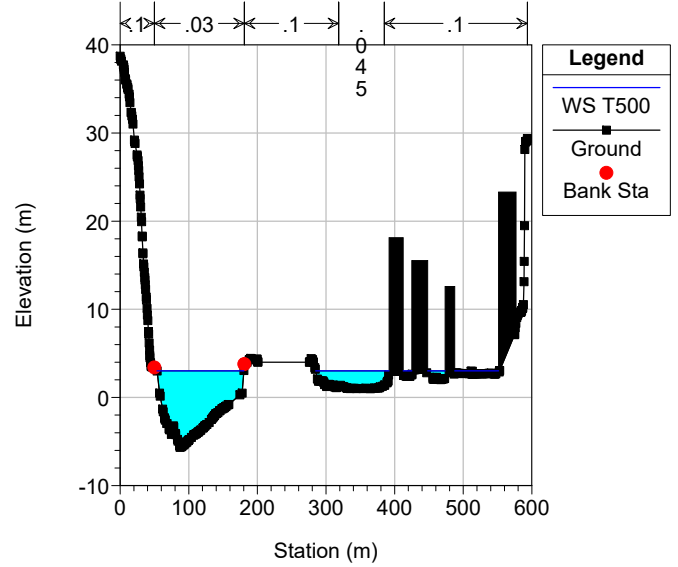
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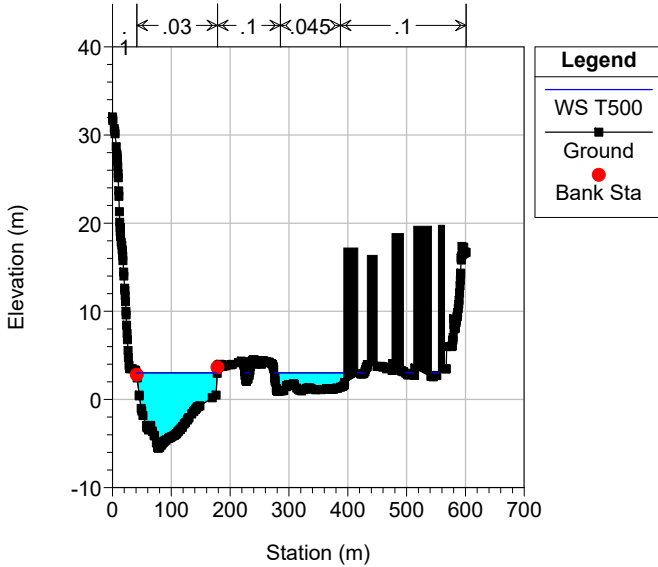
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 River = ORIA Reach = ORIA-1 RS = 704.7355



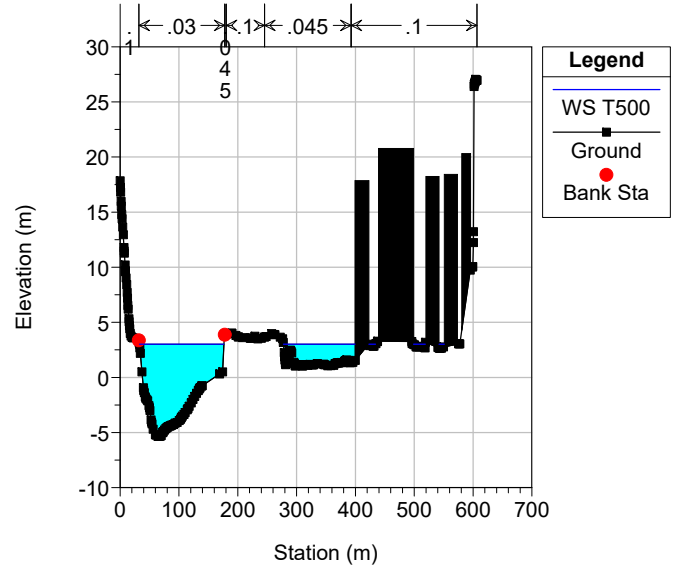
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 654.5527



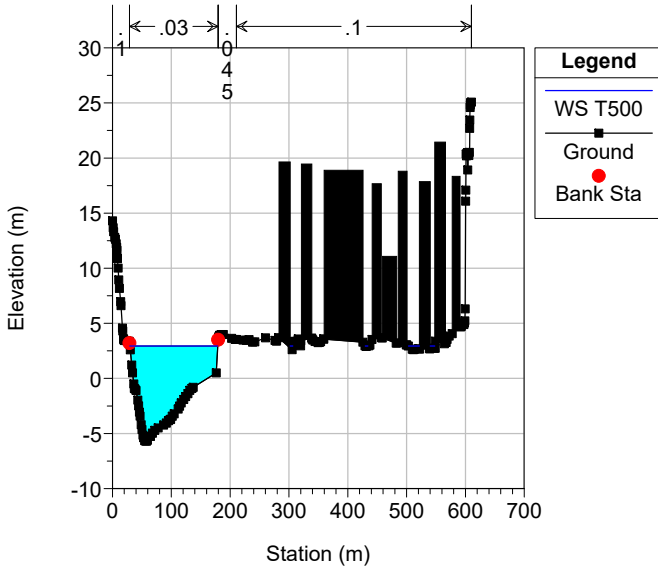
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 605.1155



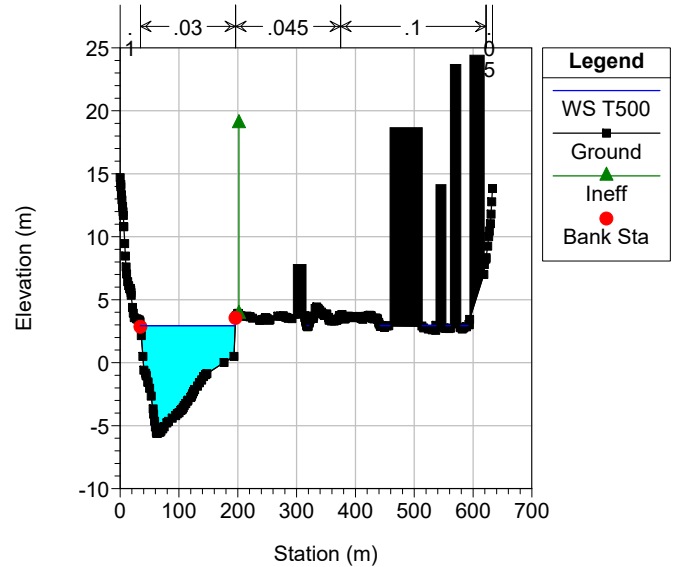
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 556.4642



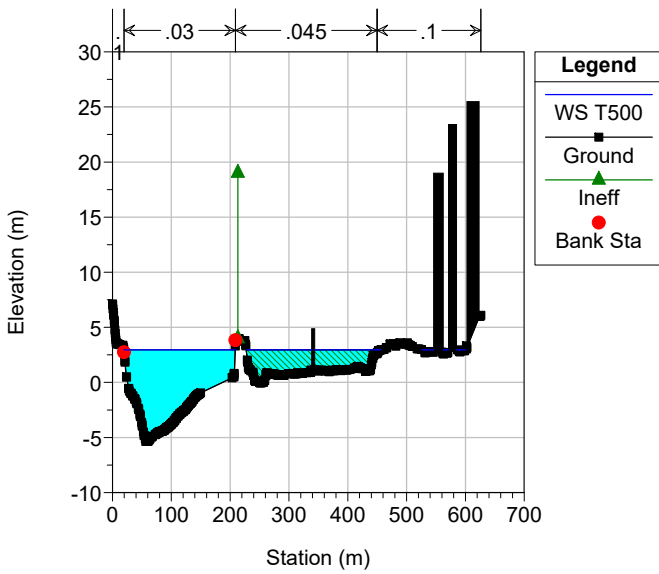
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 513.2202



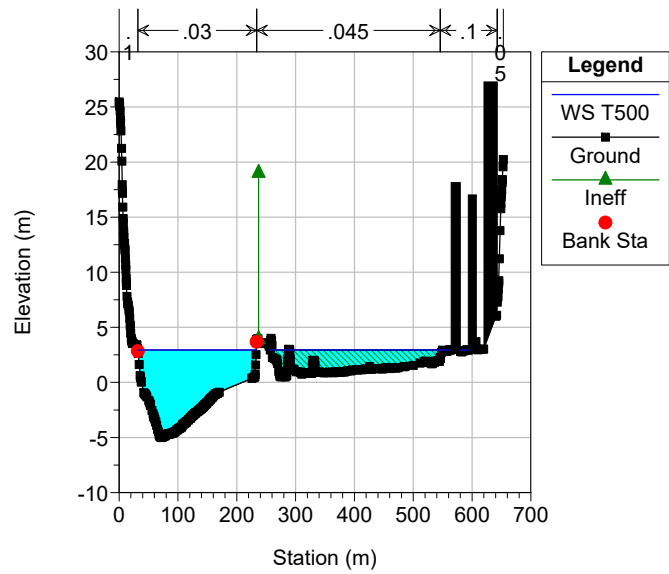
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 481.5066



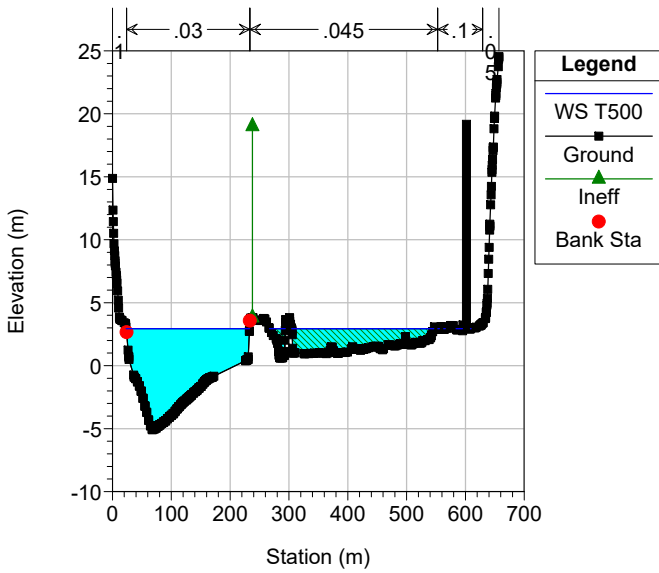
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 416.8413



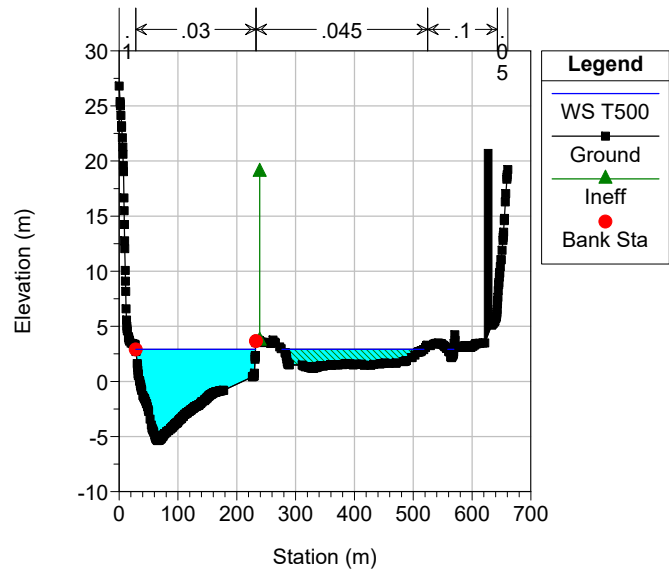
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 366.8122



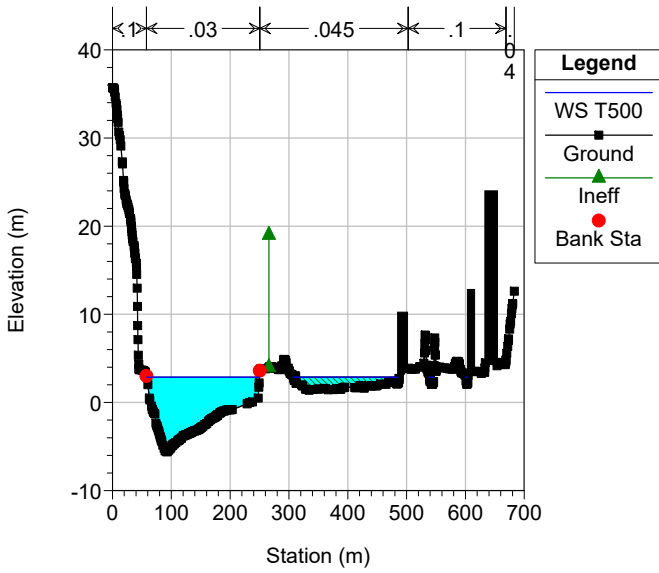
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 316.8093



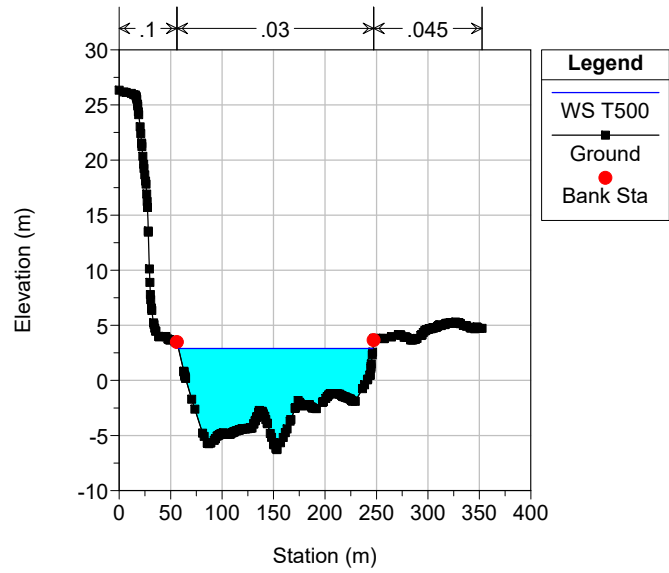
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 266.78



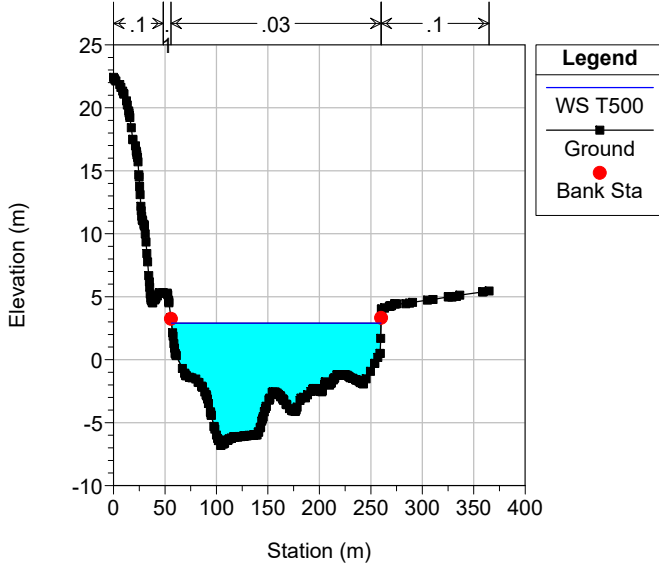
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 River = ORIA Reach = ORIA-1 RS = 216.6627



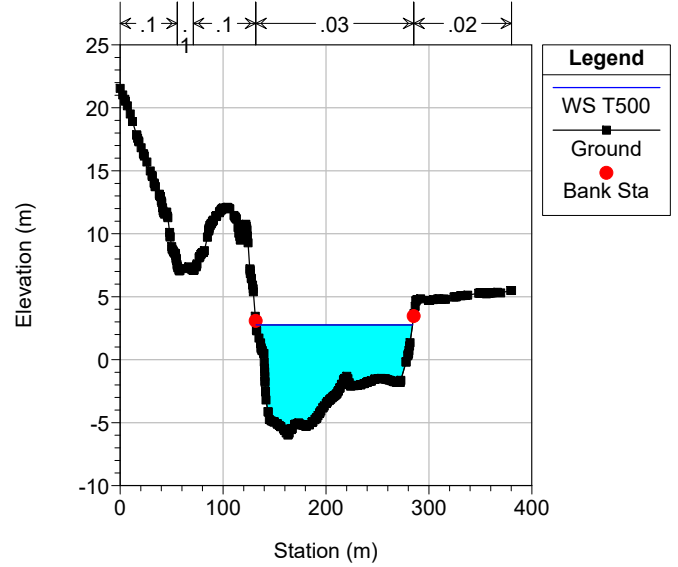
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 184.1351



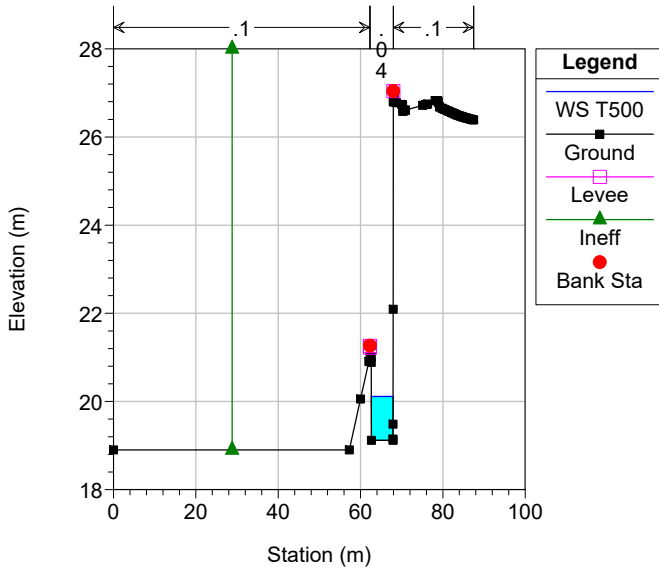
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 146.8827



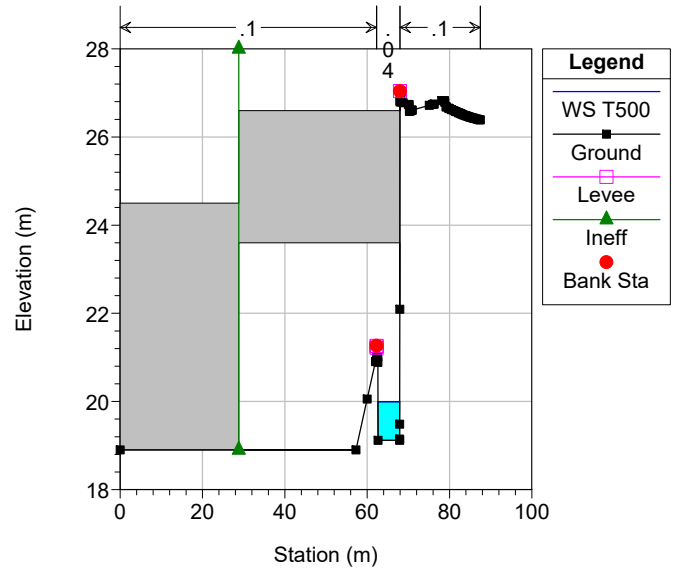
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = ORIA Reach = ORIA-1 RS = 93.1843



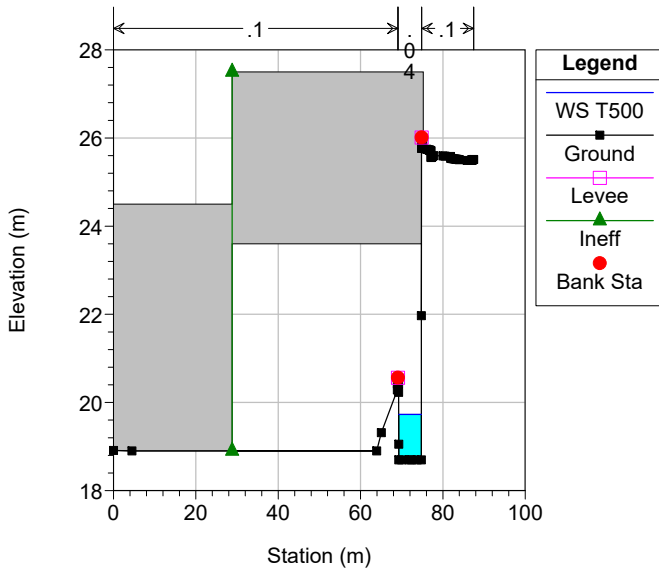
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 545.70 E-3 ANT



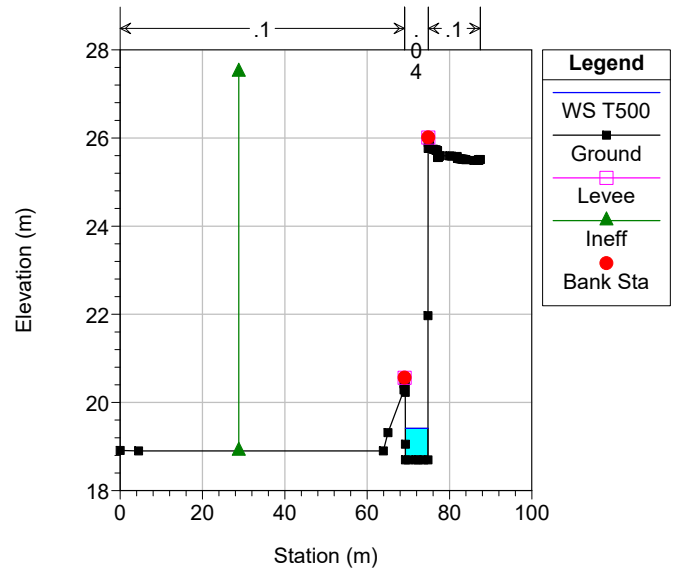
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 541.8 BR



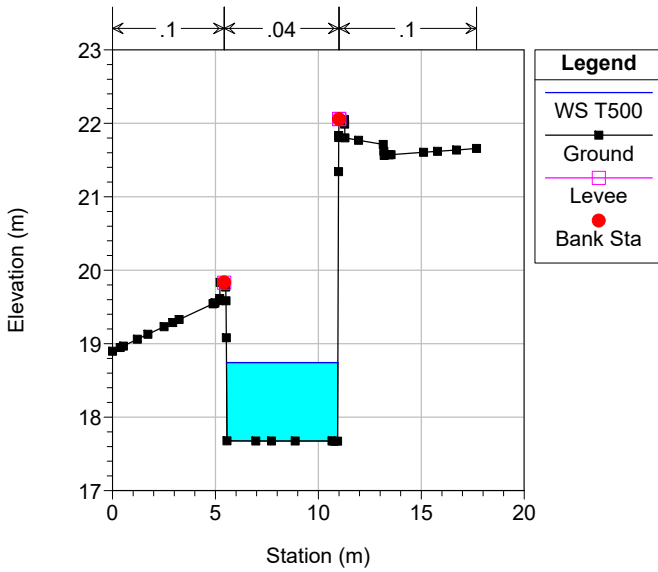
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 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 541.8 BR



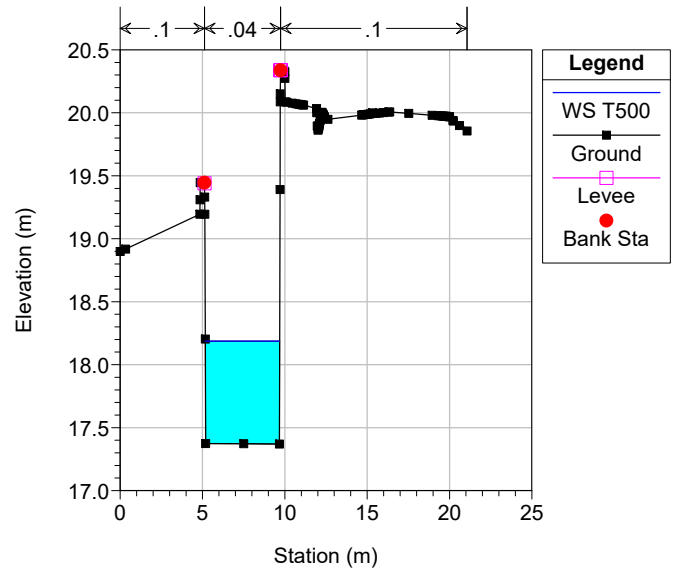
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 505.706 E-3 POS



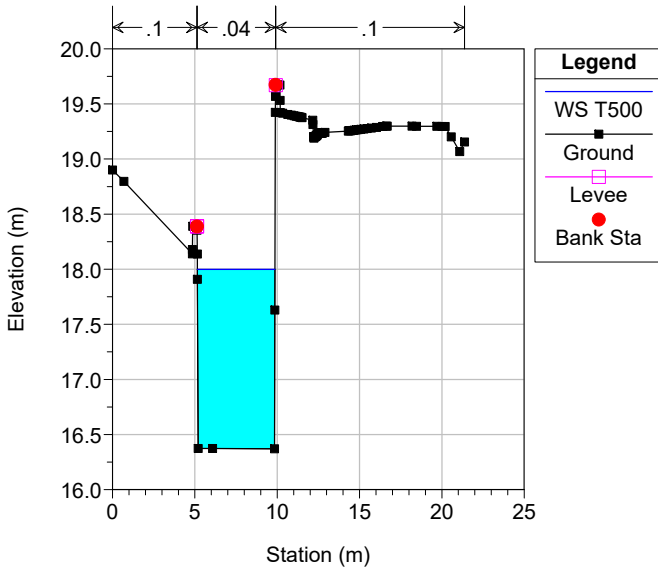
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 458.679 PR-6



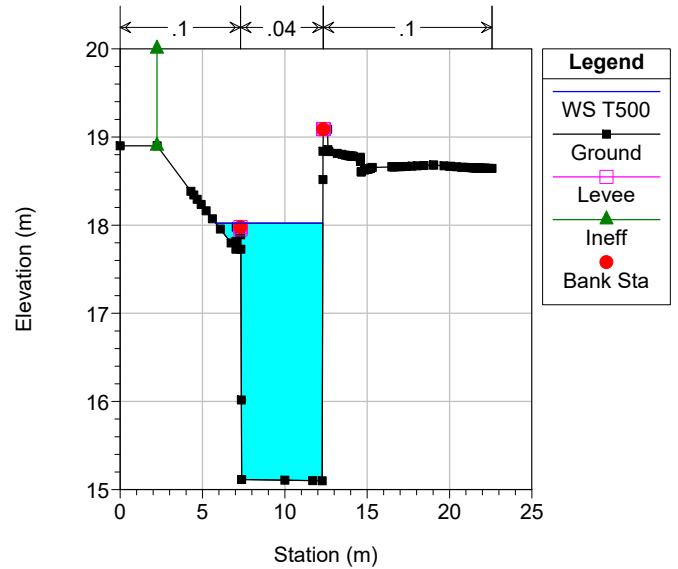
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 435.279 PR-5



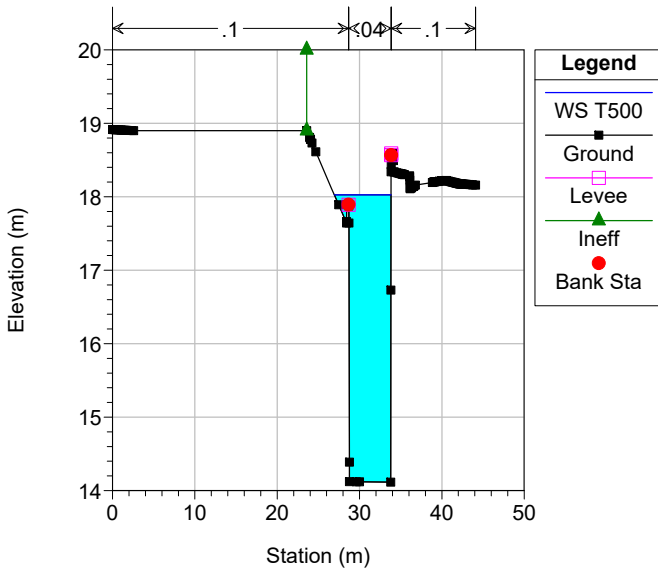
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 415.790 PR-4



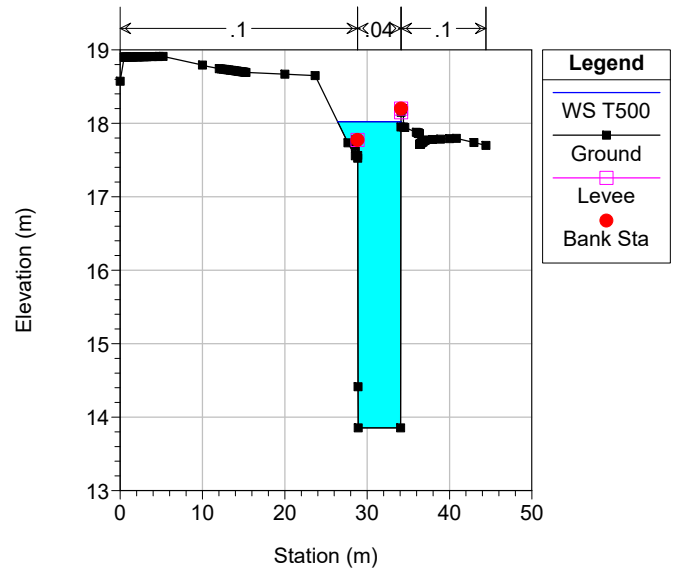
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 395.461 PR-3



Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 375.242 PR-2



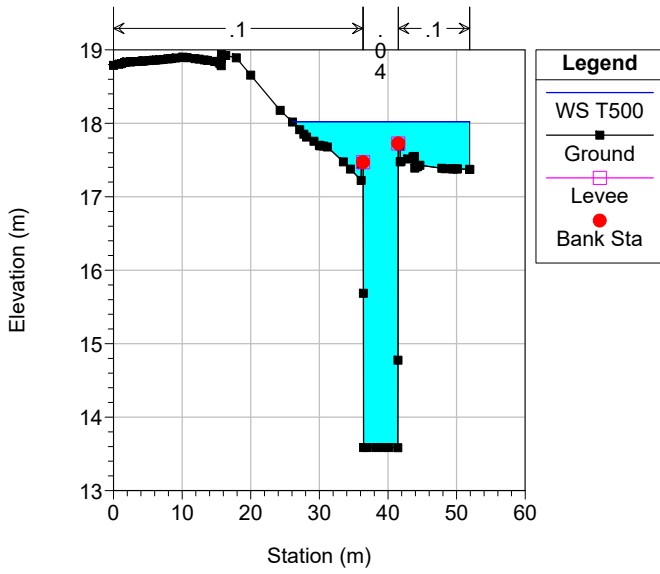
Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT
 Geom: T500+ REGATA FUT Flow: T500+REGATA
 River = RegataURBIL Reach = RegataURBIL RS = 355.242 E-2 ANT



Usurbil_Orio ZAPATEGI 200304 Plan: T500REG FUT

Geom: T500+ REGATA FUT Flow: T500+REGATA

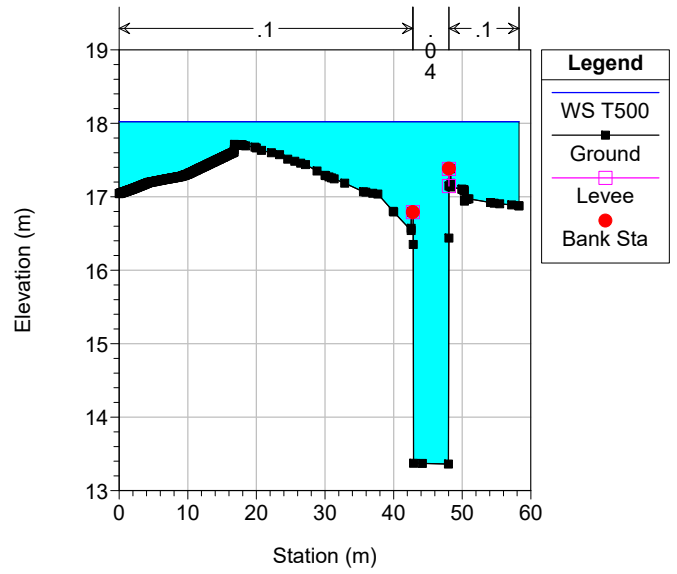
River = RegataURBIL Reach = RegataURBIL RS = 337.683 E-2 POS



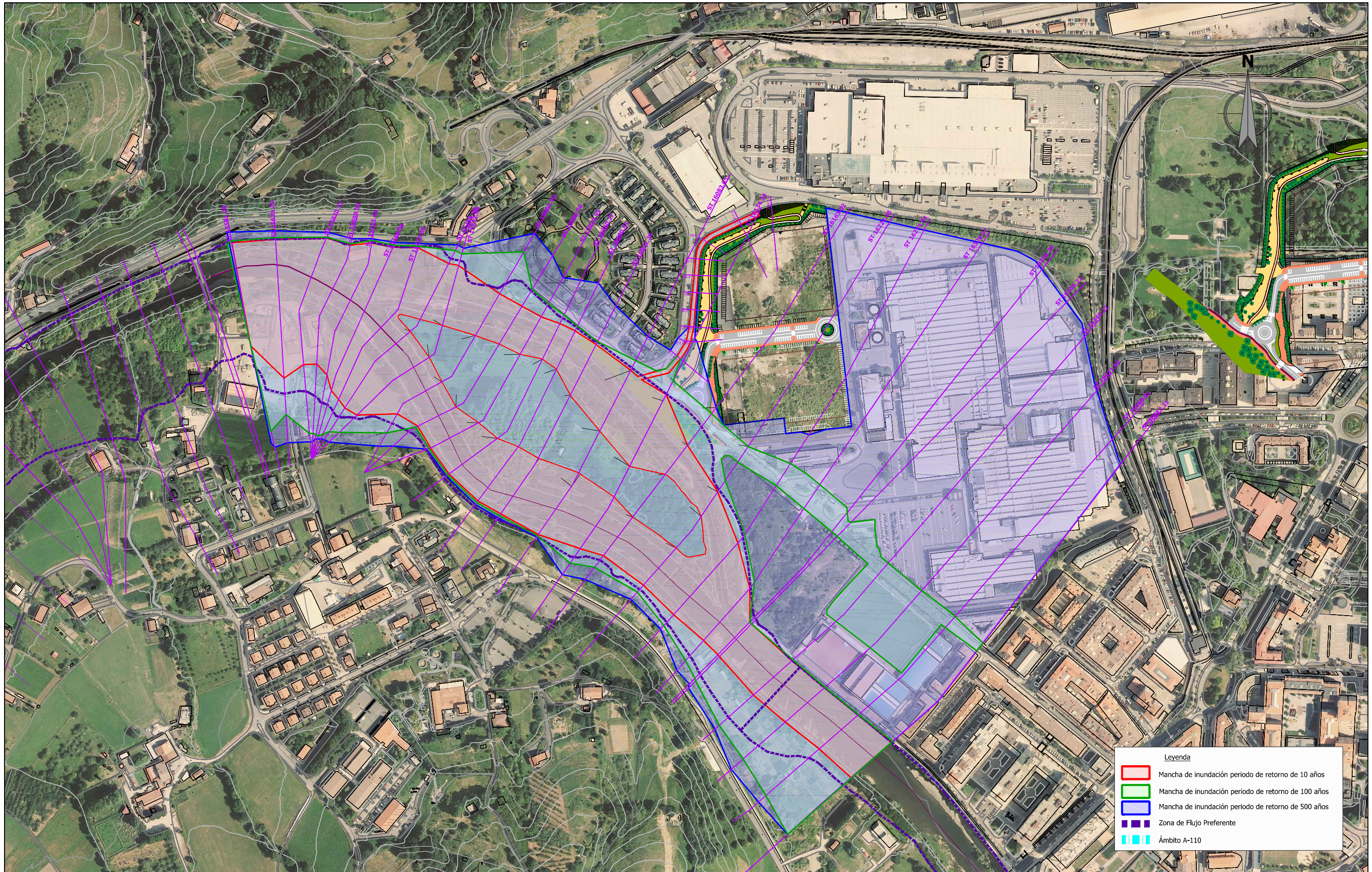
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Geom: T500+ REGATA FUT Flow: T500+REGATA

River = RegataURBIL Reach = RegataURBIL RS = 315.921 E-1 ANT



10.- PLANOS DE LAS MANCHAS DE INUNDACIÓN. ESTADO FUTURO

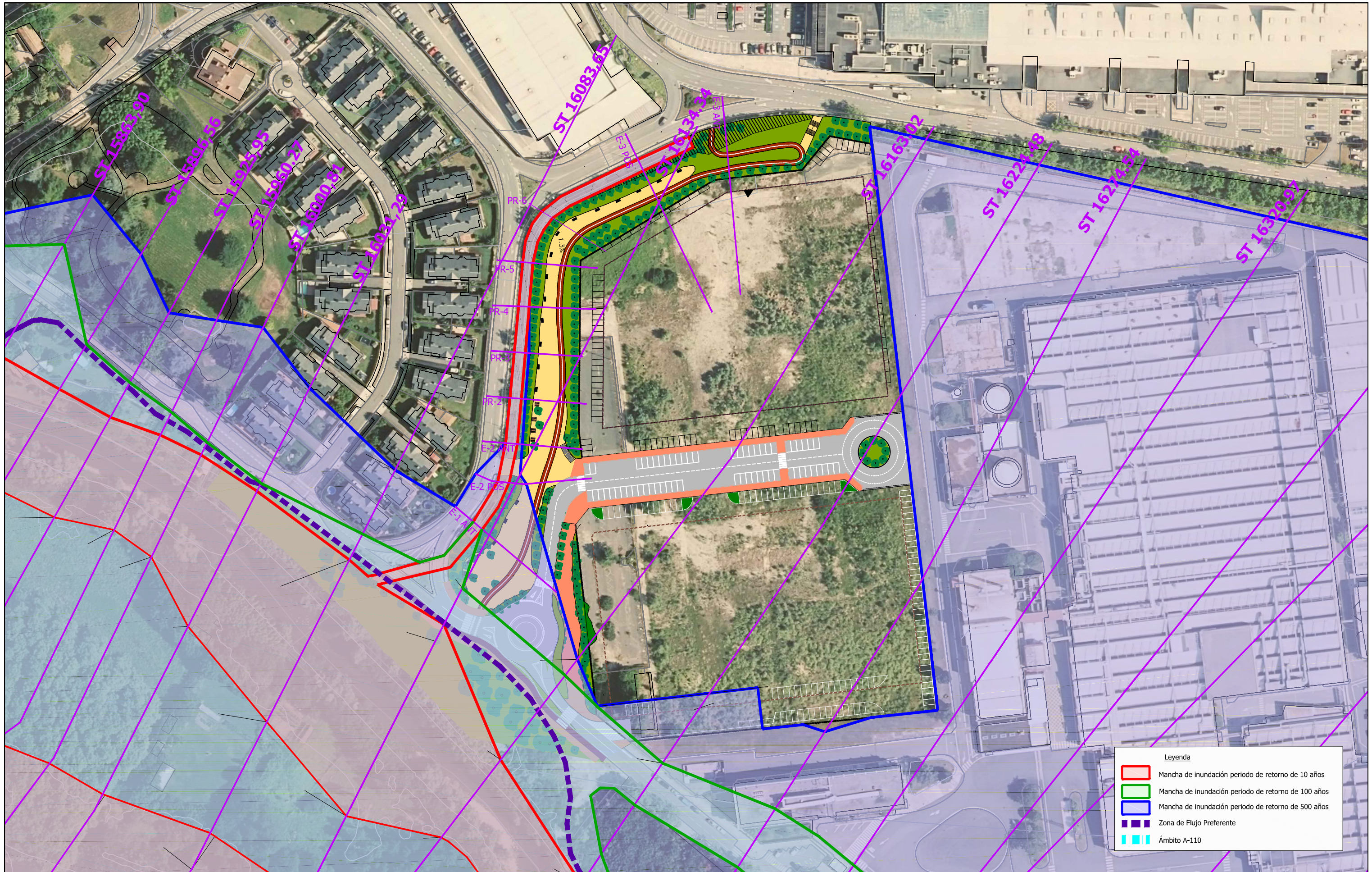


Leyenda

	Mancha de inundación periodo de retorno de 10 años
	Mancha de inundación periodo de retorno de 100 años
	Mancha de inundación periodo de retorno de 500 años
	Zona de Flujo Preferente
	Ámbito A-110



ENCARGO	USURBILGO A-110 ZAPATEGI EREMJAREN URBANIZAZIO EGITASMOA PROYECTO DE URBANIZACIÓN A-110 ZAPATEGI DE USURBIL		
TITULO	GEROKO UHOLDE EREMUAK MANCHAS DE INUNDACIÓN FUTURAS	PLANO Nº A1.01	REVISION A
CLIENTE	GUREAK LANEAN // BALFER	PROYECTO Nº 21.056	ESCALAS A3 - 1/4,000
JORGE LIZARRIBAR INGENIERIA, S.L. (943 - 37.40.52)		FECHA 08/11/2021	NOMBRE J.L.S.



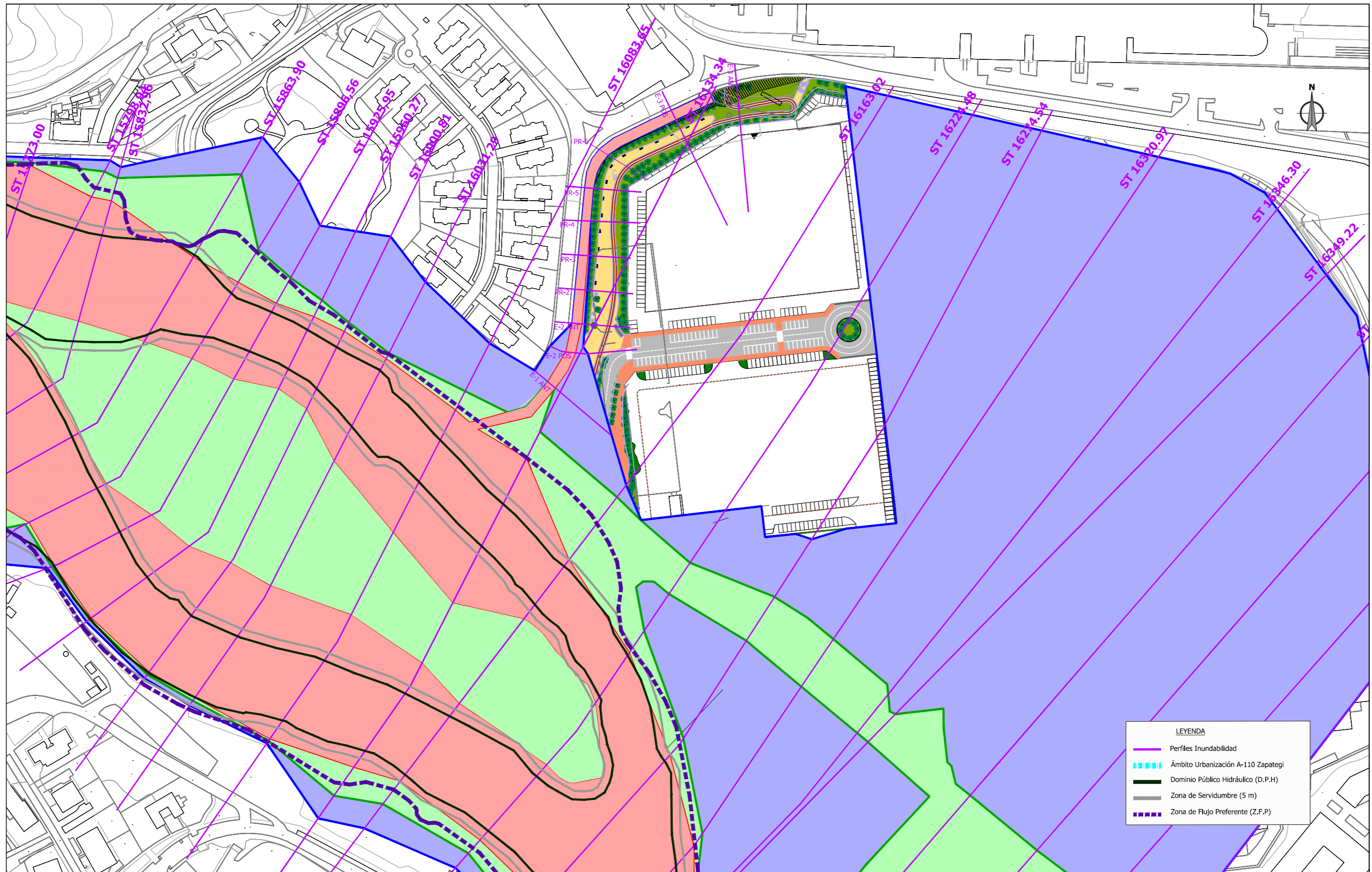
Leyenda

	Mancha de inundación periodo de retorno de 10 años
	Mancha de inundación periodo de retorno de 100 años
	Mancha de inundación periodo de retorno de 500 años
	Zona de Flujo Preferente
	Ámbito A-110



ENCARGO	USURBILGO A-110 ZAPATEGI EREMUAREN URBANIZAZIO EGITASMOA PROYECTO DE URBANIZACIÓN A-110 ZAPATEGI DE USURBIL		
TÍTULO	GEROKO UHOLDE EREMUAK MANCHAS DE INUNDACIÓN FUTURAS	PLANO Nº A1.02	REVISIÓN A
CLIENTE	GUREAK LANEAN // BALFER	PROYECTO Nº 21.056	ESCALAS A3 - 1/1,500
JORGE LIZARRIBAR INGENIERIA, S.L. (943 - 37.40.52)	FECHA 08/11/2021	NOMBRE J.L.S.	

11.- PLANTA Y PERFILES TRANSVERSALES DE LA ZONA DE URBANIZACIÓN EN ESTADO ACTUAL-FUTURO CON INDICACIÓN DE D.P.H, ZONA DE SERVIDUMBRE Y ZONA DE FLUJO PREFERENTE

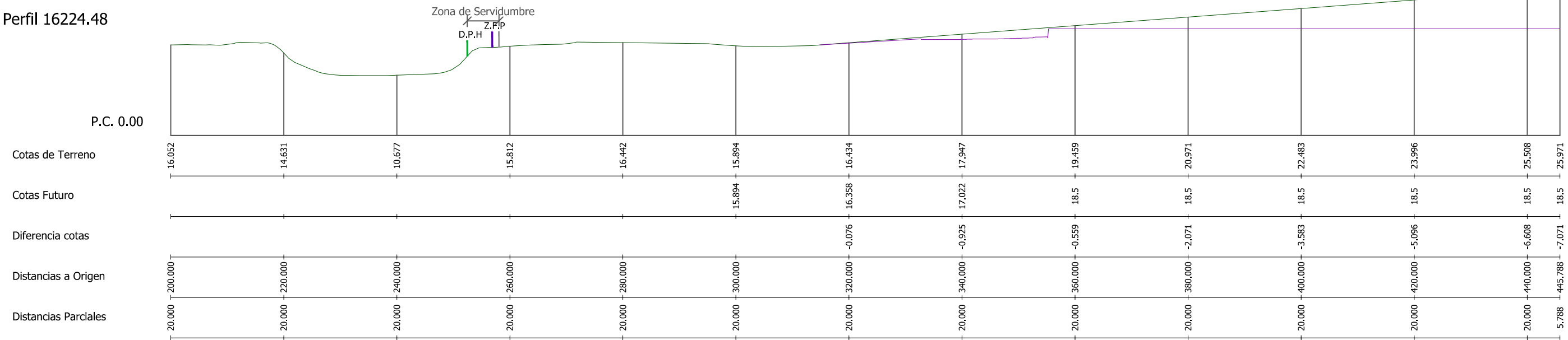


ENCARGO		USURBILGO A-110 ZAPATEGI EREMUAREN URBANIZAZIO EGITASMOA PROYECTO DE URBANIZACIÓN A-110 ZAPATEGI DE USURBIL	
TÍTULO	PLANTA SITUACIÓN D.P.H, ZONA SERVIDUMBRE Y Z.F.P	PLANO Nº	REVISIÓN
		A2,01	A
CLIENTE	GUREAK LANEAN // BALFER	PROYECTO Nº	21.056
		ESCALAS	A3 - 1/2000
JORGE LIZARRIBAR INGENIERIA, S.L. (943 - 37.40.52)		FECHA	NOMBRE
		08/11/2021	J.L.S.



Perfil 16224.48

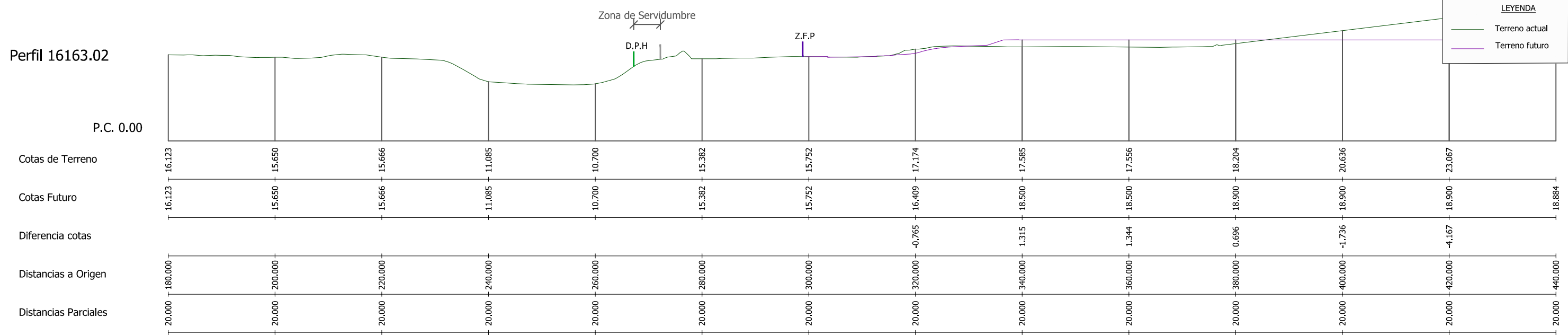
LEYENDA
 — Terreno actual
 — Terreno futuro



ENCARGO	USURBILGO A-110 ZAPATEGI EREMUAREN URBANIZAZIO EGITASMOA PROYECTO DE URBANIZACIÓN A-110 ZAPATEGI DE USURBIL		
TITULO	PERFILES TRANSVERSALES D.P.H, ZONA SERVIDUMBRE Y Z.F.P	PLANO Nº A2.01	REVISION A
CLIENTE	GUREAK LANEAN // BALFER	PROYECTO Nº 21.056	ESCALAS A3 - S/E
JORGE LIZARRIBAR INGENIERIA, S.L. (943 - 37.40.52)		FECHA 08/11/2021	NOMBRE J.L.S.



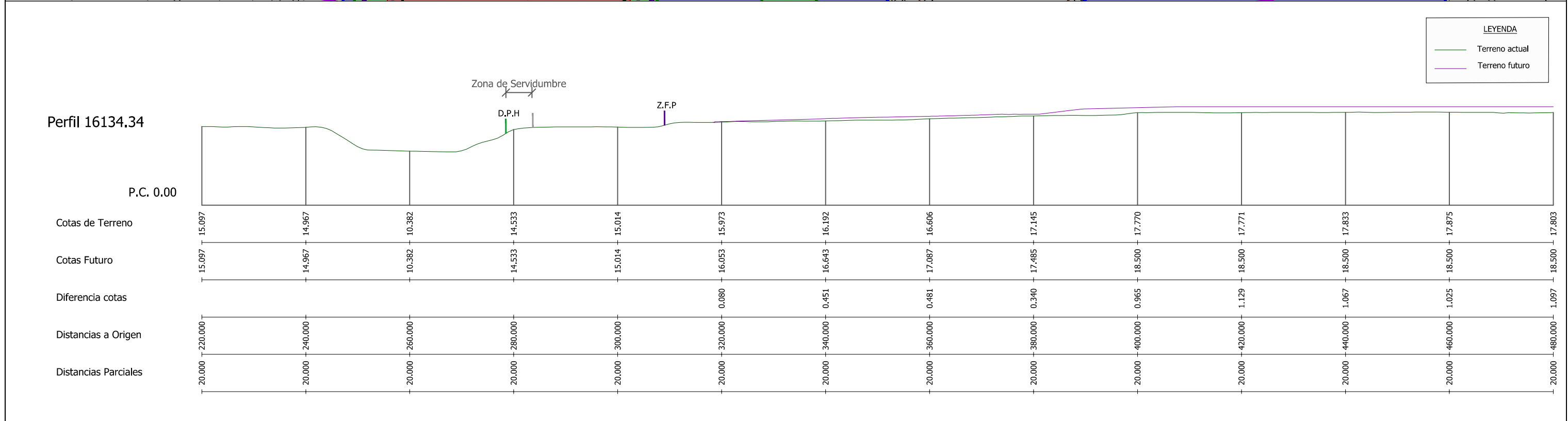
Perfil 16163.02



Escala longitudinal: 1/750



ENCARGO USURBILGO A-110 ZAPATEGI EREMUAREN URBANIZAZIO EGITASMOA		REVISION	
PROYECTO DE URBANIZACIÓN A-110 ZAPATEGI DE USURBIL		PLANO Nº	A
TITULO PERFILES TRANSVERSALES D.P.H, ZONA SERVIDUMBRE Y Z.F.P		A2.03	21.056
CLIENTE GUREAK LANEAN // BALFER		PROYECTO Nº	ESCALAS
		A3 - S/E	
JORGE LIZARRIBAR INGENIERIA, S.L. (943 - 37.40.52)		FECHA	NOMBRE
		08/11/2021	J.L.S.



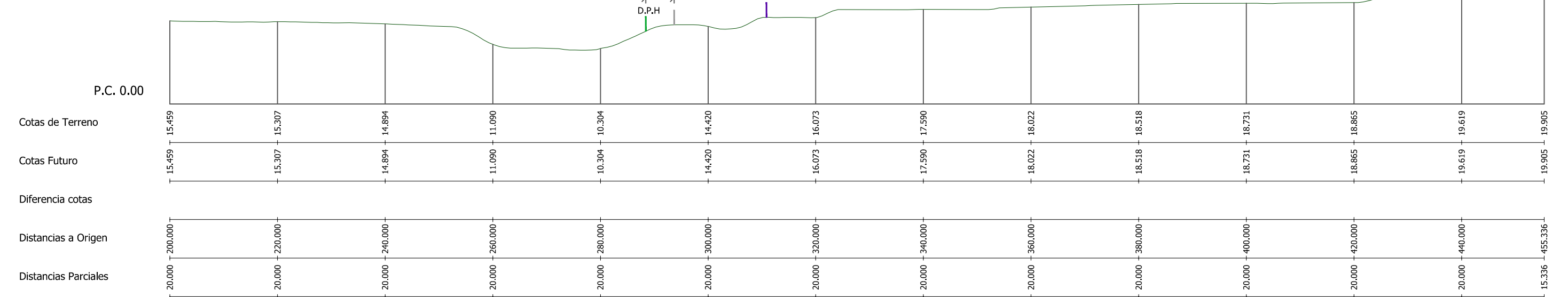
Escala longitudinal: 1/750



ENCARGO	USURBILGO A-110 ZAPATEGI EREMUREN URBANIZAZIO EGITASMOA		
TITULO	PROYECTO DE URBANIZACIÓN A-110 ZAPATEGI DE USURBIL		
	PERFILES TRANSVERSALES	PLANO Nº	REVISION
	D.P.H, ZONA SERVIDUMBRE Y Z.F.P	A2.04	A
CLIENTE	GUREAK LANEAN // BALFER	PROYECTO Nº	21.056
		ESCALAS	A3 - S/E
JORGE LIZARRIBAR INGENIERIA, S.L. (943 - 37.40.52)	FECHA	NOMBRE	
	08/11/2021	J.L.S.	



Perfil 16083.65

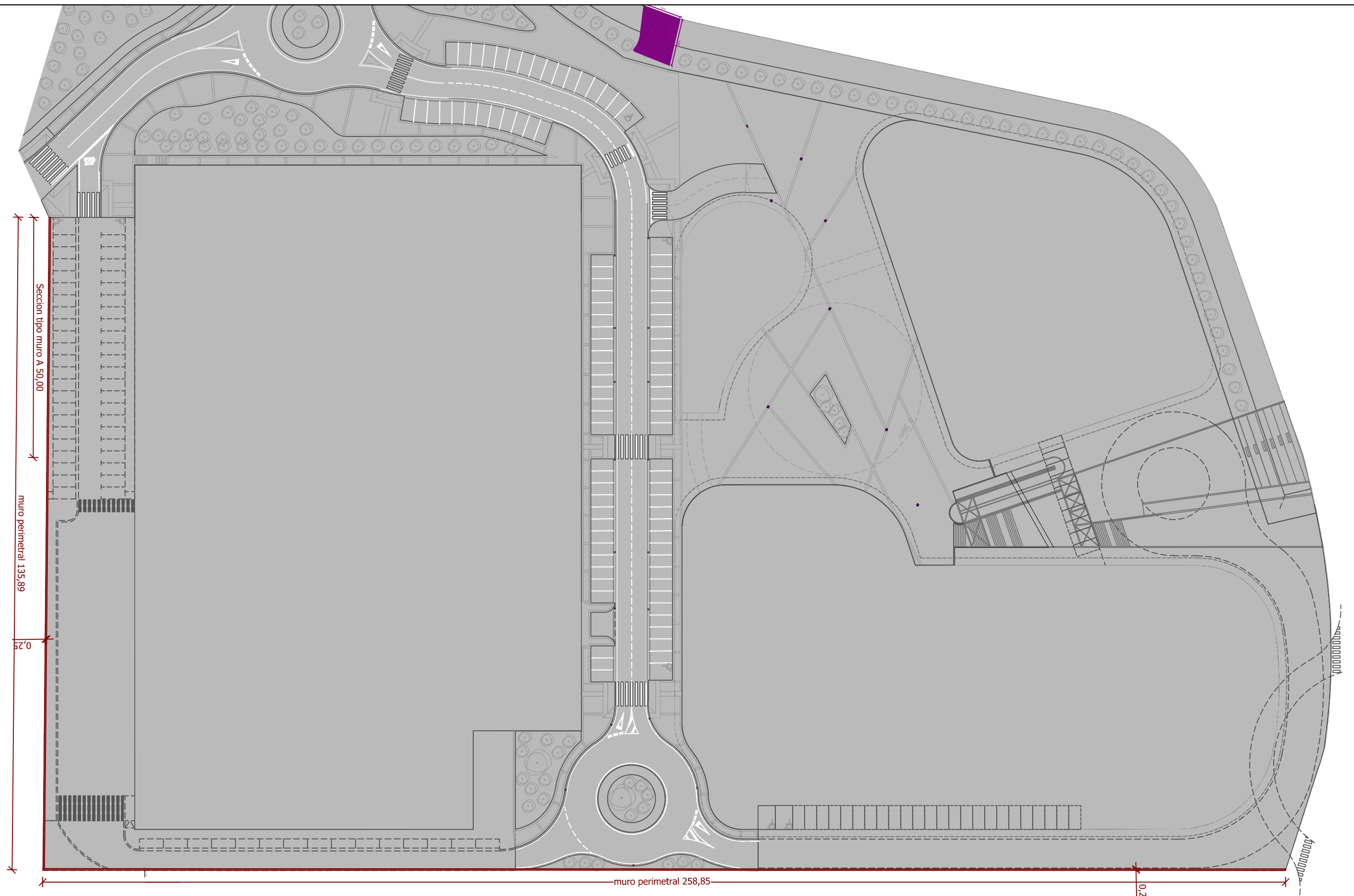


Escala longitudinal: 1/750



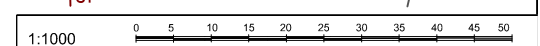
ENCARGO	USURBILGO A-110 ZAPATEGI EREMUREN URBANIZAZIO EGITASMOA		
TITULO	PROYECTO DE URBANIZACIÓN A-110 ZAPATEGI DE USURBIL		
	PERFILES TRANSVERSALES D.P.H, ZONA SERVIDUMBRE Y Z.F.P	PLANO Nº A2.05	REVISION A
CLIENTE	GUREAK LANEAN // BALFER	PROYECTO Nº 21.056	ESCALAS A3 - S/E
	JORGE LIZARRIBAR INGENIERIA, S.L. (943 - 37.40.52)	FECHA 08/11/2021	NOMBRE J.L.S.

12.- UBICACIÓN MURO PERIMETRAL

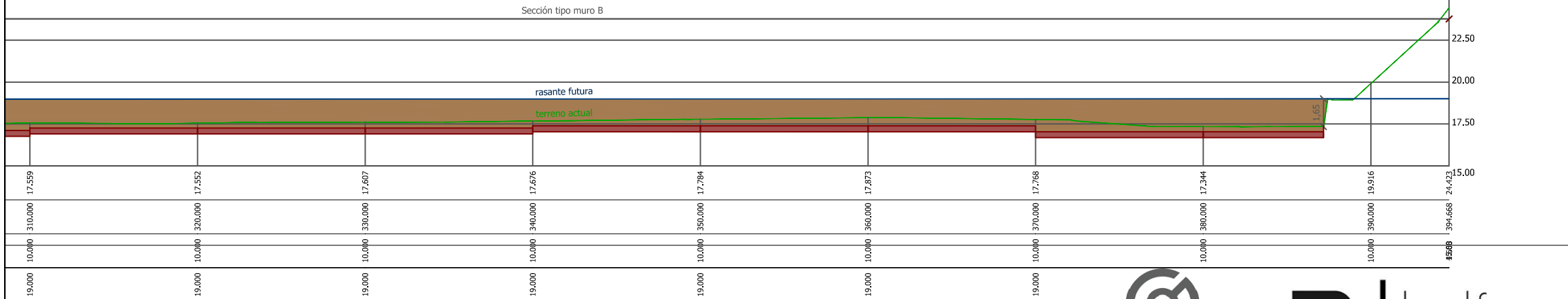
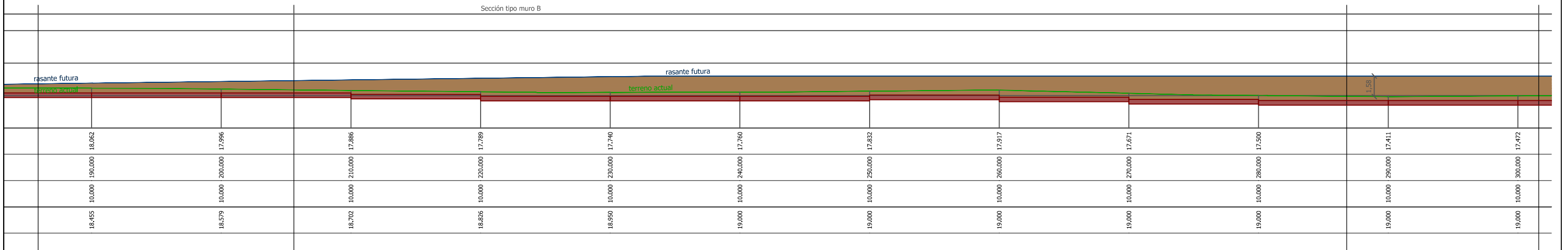
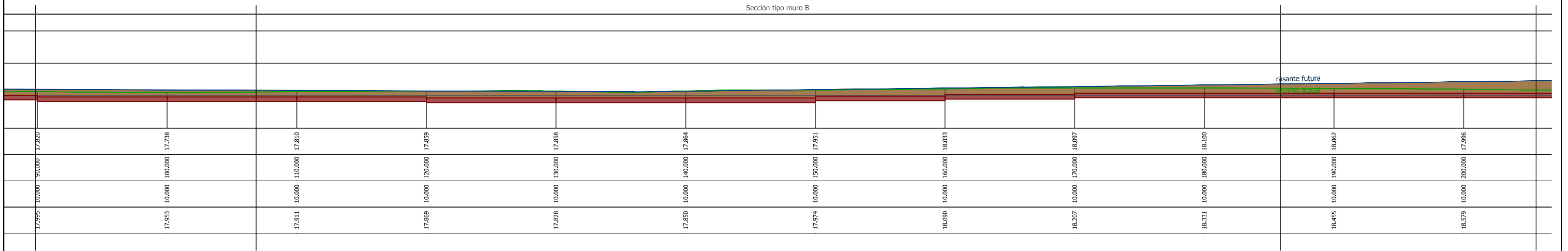
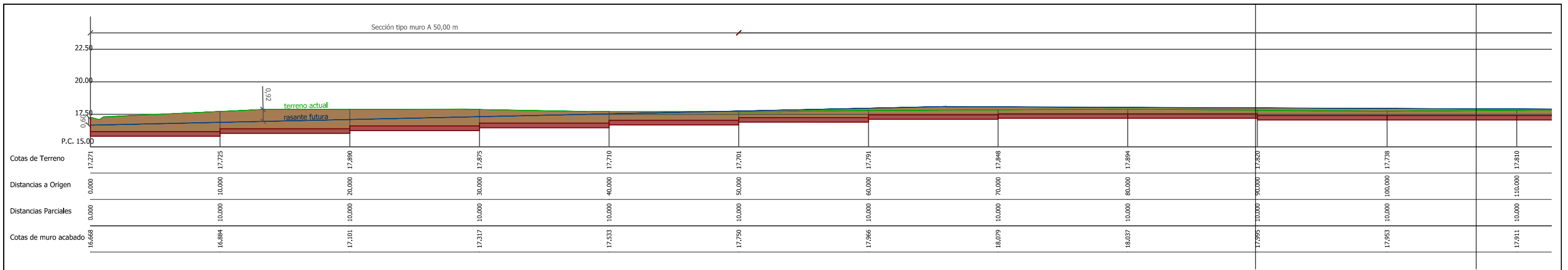


Sección tipo muro A 50,00
 muro perimetral 135,89
 0,25

muro perimetral 258,85
 0,25



ENCARGO		USURBILGO A-110 ZAPATEGI EREMUAREN URBANIZAZIO EGITASMOA PROYECTO DE URBANIZACIÓN A-110 ZAPATEGI DE USURBIL	
TITULO	FABRIKA OBRAK OBRAS DE FÁBRICA	PLANO Nº	REVISION
		A3.01	A
CLIENTE	GUREAK LANEAN // BALFER	PROYECTO Nº	21.056
		ESCALAS	A3 - S/E
	JORGE LIZARRIBAR INGENIERIA, S.L. (943 - 37.40.52)	FECHA	NOMBRE
		08/11/2021	J.L.S.



ENCARGO	USURBILGO A-110 ZAPATEGI EREMUAREN URBANIZAZIO EGITASMOA PROYECTO DE URBANIZACIÓN A-110 ZAPATEGI DE USURBIL		
TITULO	FABRIKA OBRAK OBRAS DE FÁBRICA	PLANO Nº A3.02	REVISION A
CLIENTE	GUREAK LANEAN // BALFER	PROYECTO Nº 21.056	ESCALAS A3 - S/E
JORGE LIZARRIBAR INGENIERIA, S.L. (943 - 37.40.52)	FECHA 08/11/2021	NOMBRE J.L.S.	