



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA

ESCUELA TÉCNICA SUPERIOR
DE INGENIEROS DE CAMINOS,
CANALES Y PUERTOS



Análisis de la problemática de inundabilidad en el
municipio de Aldaia (Valencia) y propuesta de soluciones.

Anejo Nº3:

Solución propuesta

Trabajo final de grado

Titulación: Grado en Ingeniería de Obras Públicas

Curso: 2015/16

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ÍNDICE

Índice de las Figuras	1
1. Introducción	3
2. Situación Q=2,5	3
3. Situación Q=5	10
4. Situación Q=10	17
5. Situación Q=15	24
6. Situación Q=25	31
7. Situación Q=50	38
8. Situación Q=75	45
9. Situación Q=100	52
10. Situación Q=115	59
11. Situación Q=117	66
12. Situación Q=120	73
13. Situación Q=130	80
14. Situación Q=150	87
15. Situación Q=175	94
16. Conclusiones.....	100

Índice de las Figuras

Figura 2.1. Sección longitudinal de la solución propuesta para $Q = 2.5\text{m}^3/\text{seg.}$	3
Figura 3.1. Sección longitudinal de la solución propuesta para $Q = 5\text{m}^3/\text{seg.}$	10
Figura 4.1. Sección longitudinal de la solución propuesta para $Q = 10\text{m}^3/\text{seg.}$	17
Figura 5.1. Sección longitudinal de la solución propuesta para $Q = 15\text{m}^3/\text{seg.}$	24
Figura 6.1. Sección longitudinal de la solución propuesta para $Q = 25\text{m}^3/\text{seg.}$	31
Figura 7.1. Sección longitudinal de la solución propuesta para $Q = 50\text{m}^3/\text{seg.}$	38
Figura 8.1. Sección longitudinal de la solución propuesta para $Q = 75\text{m}^3/\text{seg.}$	45
Figura 9.1. Sección longitudinal de la solución propuesta para $Q = 100\text{m}^3/\text{seg.}$	52
Figura 10.1. Sección longitudinal de la solución propuesta para $Q = 115\text{m}^3/\text{seg.}$	59
Figura 11.1. Sección longitudinal de la solución propuesta para $Q = 117\text{m}^3/\text{seg.}$	66
Figura 12.1. Sección longitudinal de la solución propuesta para $Q = 120\text{m}^3/\text{seg.}$	73
Figura 13.1. Sección longitudinal de la solución propuesta para $Q = 130\text{m}^3/\text{seg.}$	80
Figura 14.1. Sección longitudinal de la solución propuesta para $Q = 150\text{m}^3/\text{seg.}$	87
Figura 15.1. Sección longitudinal de la solución propuesta para $Q = 175\text{m}^3/\text{seg.}$	94

Análisis de la problemática de inundabilidad en el municipio del Aldaia y propuesta de soluciones.

Figura 16.1. Tormenta por bloques de la tormenta de diseño límite para la solución adoptada.
..... 100

Análisis de la problemática de inundabilidad en el municipio del Aldaia y propuesta de soluciones.

1. Introducción

En este documento se van a mostrar todos los aspectos que deben ser ampliados para una mejor comprensión del estudio hidráulico. Se mostrarán las secciones transversales principales para cada caudal estudiado y una tabla resumen de todas las secciones transversales para cada caudal estudiado.

Los caudales con los que hemos calculado los aspectos más importantes de la lámina libre son los siguientes: 2.5, 5, 10, 15, 25, 50, 75, 100, 115, 117 (que es el caudal límite), 120, 130, 150 y $175 \text{ m}^3/\text{seg}$.

2. Situación $Q=2,5$

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de $2,5 \text{ m}^3/\text{seg}$.

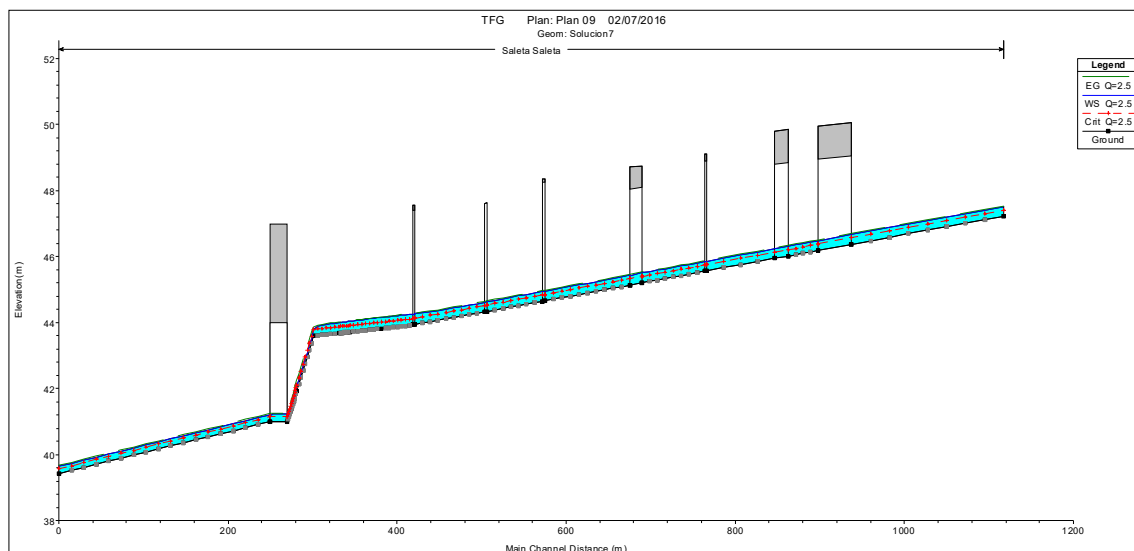
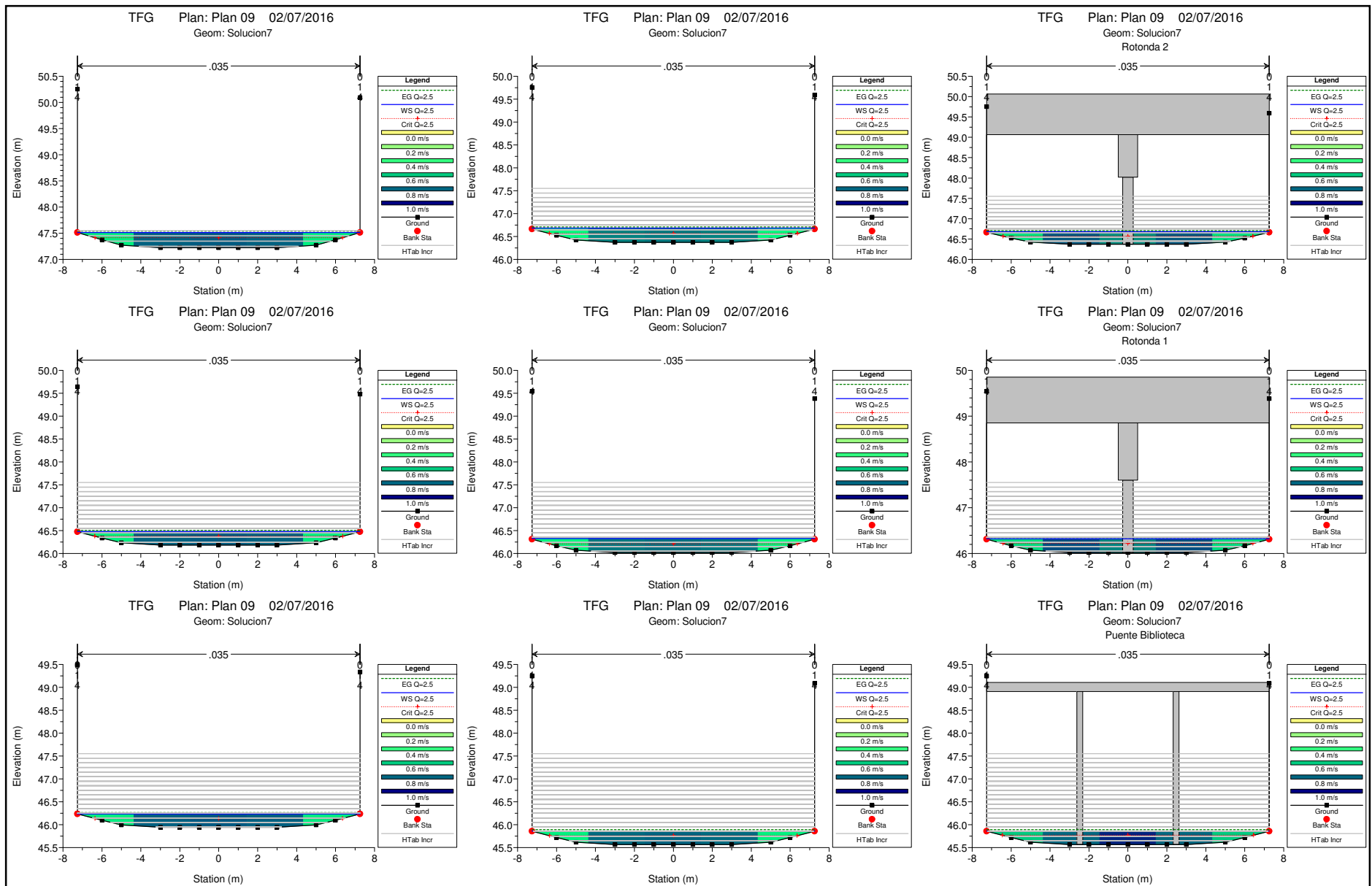
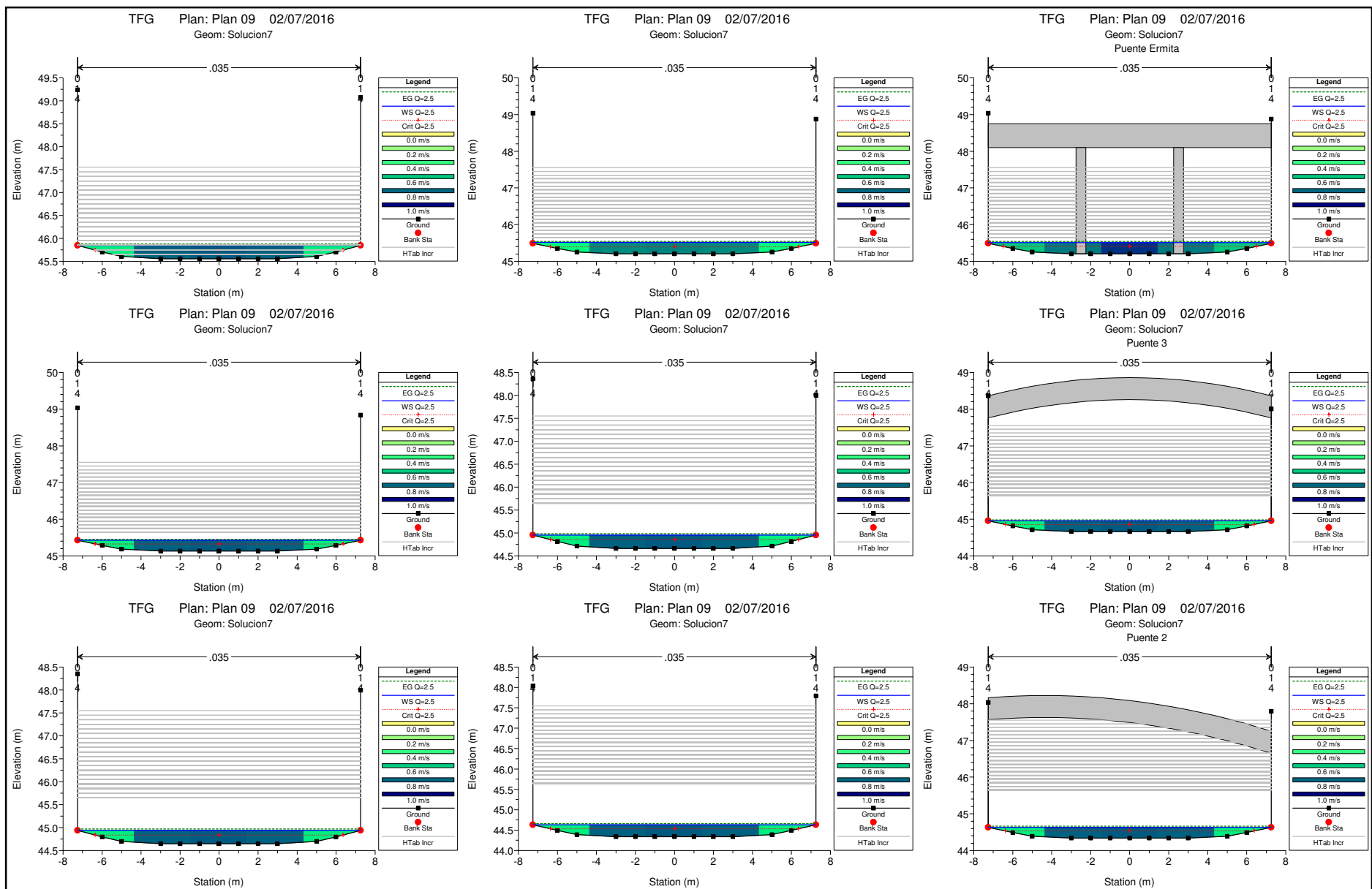
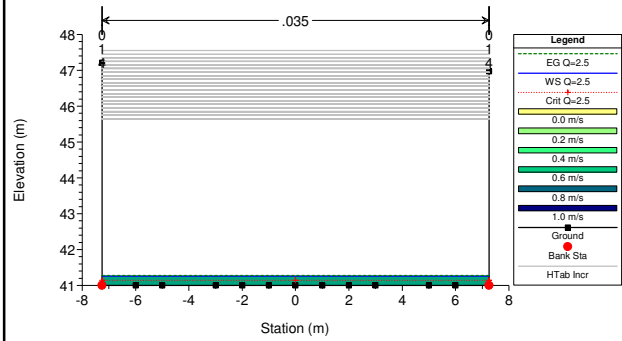


Figura 2.1. Sección longitudinal de la solución propuesta para $Q = 2.5 \text{ m}^3/\text{seg}$.

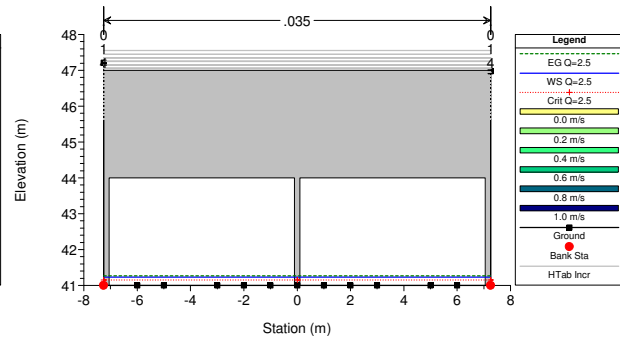




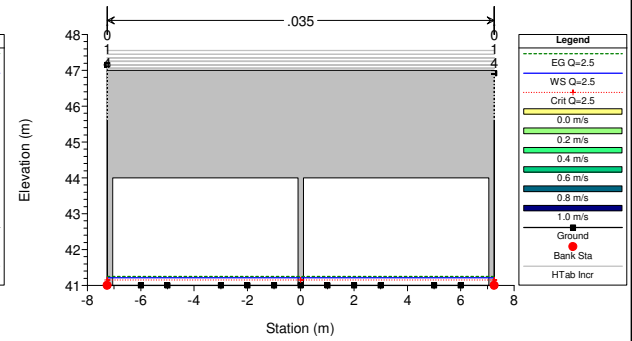
TFG Plan: Plan 09 02/07/2016
Geom: Solucion7



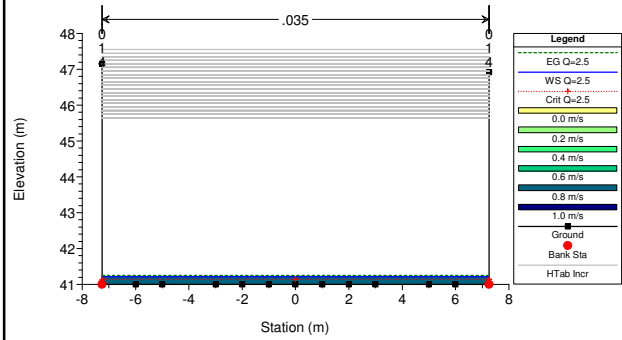
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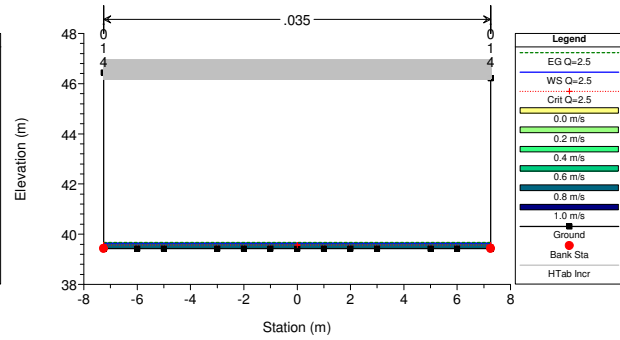
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TFG Plan: Plan 09 02/07/2016
Geom: Solucion7



TFG Plan: Plan 09 02/07/2016
Geom: Solucion7



HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=2.5

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	Q=2.5	2.50	47.22	47.51	47.41	47.54	0.004707	0.74	3.37	14.50	0.49
Saleta	21.875*	Q=2.5	2.50	47.12	47.41	47.31	47.44	0.004730	0.74	3.37	14.50	0.49
Saleta	21.750*	Q=2.5	2.50	47.01	47.30	47.20	47.33	0.004703	0.74	3.38	14.50	0.49
Saleta	21.625*	Q=2.5	2.50	46.91	47.20	47.10	47.22	0.004778	0.74	3.36	14.50	0.49
Saleta	21.500*	Q=2.5	2.50	46.80	47.09	46.99	47.12	0.004710	0.74	3.37	14.50	0.49
Saleta	21.375*	Q=2.5	2.50	46.69	46.98	46.88	47.01	0.004722	0.74	3.37	14.50	0.49
Saleta	21.250*	Q=2.5	2.50	46.59	46.88	46.78	46.91	0.004697	0.74	3.38	14.50	0.49
Saleta	21.125*	Q=2.5	2.50	46.48	46.77	46.67	46.80	0.004576	0.73	3.40	14.50	0.48
Saleta	21	Q=2.5	2.50	46.37	46.68	46.56	46.71	0.003614	0.68	3.65	14.50	0.44
Saleta	20		Bridge									
Saleta	19	Q=2.5	2.50	46.19	46.48	46.38	46.51	0.004671	0.74	3.38	14.50	0.49
Saleta	18.750*	Q=2.5	2.50	46.14	46.44	46.33	46.46	0.004613	0.74	3.40	14.50	0.49
Saleta	18.500*	Q=2.5	2.50	46.10	46.40	46.29	46.42	0.004537	0.73	3.41	14.50	0.48
Saleta	18.250*	Q=2.5	2.50	46.06	46.36	46.25	46.39	0.004266	0.72	3.48	14.50	0.47
Saleta	18	Q=2.5	2.50	46.02	46.32	46.21	46.35	0.003923	0.70	3.56	14.50	0.45
Saleta	17		Bridge									
Saleta	16	Q=2.5	2.50	45.94	46.24	46.14	46.26	0.004749	0.74	3.37	14.50	0.49
Saleta	15.750*	Q=2.5	2.50	45.85	46.14	46.04	46.17	0.004698	0.74	3.38	14.50	0.49
Saleta	15.500*	Q=2.5	2.50	45.76	46.05	45.95	46.08	0.004694	0.74	3.38	14.50	0.49
Saleta	15.250*	Q=2.5	2.50	45.66	45.95	45.85	45.98	0.004695	0.74	3.38	14.50	0.49
Saleta	15	Q=2.5	2.50	45.57	45.86	45.76	45.89	0.004347	0.72	3.46	14.50	0.47
Saleta	14		Bridge									
Saleta	13	Q=2.5	2.50	45.56	45.85	45.75	45.88	0.004696	0.74	3.38	14.50	0.49
Saleta	12.875*	Q=2.5	2.50	45.51	45.80	45.70	45.83	0.004764	0.74	3.36	14.50	0.49
Saleta	12.750*	Q=2.5	2.50	45.47	45.76	45.66	45.79	0.004683	0.74	3.38	14.50	0.49
Saleta	12.625*	Q=2.5	2.50	45.42	45.71	45.61	45.74	0.004686	0.74	3.38	14.50	0.49
Saleta	12.500*	Q=2.5	2.50	45.38	45.67	45.57	45.70	0.004643	0.74	3.39	14.50	0.49
Saleta	12.375*	Q=2.5	2.50	45.34	45.63	45.53	45.66	0.004574	0.73	3.40	14.50	0.48
Saleta	12.250*	Q=2.5	2.50	45.29	45.59	45.48	45.61	0.004306	0.72	3.47	14.50	0.47
Saleta	12.125*	Q=2.5	2.50	45.25	45.55	45.44	45.58	0.003940	0.70	3.56	14.50	0.45
Saleta	12	Q=2.5	2.50	45.20	45.52	45.39	45.54	0.003383	0.67	3.73	14.50	0.42
Saleta	11		Bridge									
Saleta	10	Q=2.5	2.50	45.14	45.43	45.33	45.46	0.004706	0.74	3.38	14.50	0.49
Saleta	9.9600*	Q=2.5	2.50	45.09	45.38	45.28	45.41	0.004723	0.74	3.37	14.50	0.49
Saleta	9.9200*	Q=2.5	2.50	45.04	45.33	45.23	45.36	0.004775	0.74	3.36	14.50	0.49
Saleta	9.8800*	Q=2.5	2.50	44.99	45.29	45.18	45.31	0.004697	0.74	3.38	14.50	0.49
Saleta	9.8400*	Q=2.5	2.50	44.95	45.24	45.14	45.27	0.004698	0.74	3.38	14.50	0.49
Saleta	9.8000*	Q=2.5	2.50	44.90	45.19	45.09	45.22	0.004704	0.74	3.38	14.50	0.49
Saleta	9.7600*	Q=2.5	2.50	44.85	45.14	45.04	45.17	0.004721	0.74	3.37	14.50	0.49
Saleta	9.7200*	Q=2.5	2.50	44.81	45.10	45.00	45.13	0.004717	0.74	3.37	14.50	0.49
Saleta	9.6800*	Q=2.5	2.50	44.76	45.05	44.95	45.08	0.004758	0.74	3.36	14.50	0.49
Saleta	9.6400*	Q=2.5	2.50	44.71	45.00	44.90	45.03	0.004697	0.74	3.38	14.50	0.49
Saleta	9.6	Q=2.5	2.50	44.66	44.96	44.85	44.98	0.004714	0.74	3.37	14.50	0.49
Saleta	9.5		Bridge									
Saleta	9.4	Q=2.5	2.50	44.65	44.94	44.84	44.97	0.004713	0.74	3.37	14.50	0.49
Saleta	9.2429*	Q=2.5	2.50	44.60	44.90	44.79	44.92	0.004739	0.74	3.37	14.50	0.49
Saleta	9.0857*	Q=2.5	2.50	44.56	44.85	44.75	44.88	0.004708	0.74	3.37	14.50	0.49
Saleta	8.9286*	Q=2.5	2.50	44.52	44.81	44.71	44.84	0.004674	0.74	3.38	14.50	0.49
Saleta	8.7714*	Q=2.5	2.50	44.47	44.76	44.66	44.79	0.004741	0.74	3.37	14.50	0.49
Saleta	8.6143*	Q=2.5	2.50	44.43	44.72	44.62	44.75	0.004724	0.74	3.37	14.50	0.49
Saleta	8.4571*	Q=2.5	2.50	44.38	44.68	44.58	44.70	0.004715	0.74	3.37	14.50	0.49
Saleta	8.3	Q=2.5	2.50	44.34	44.63	44.53	44.66	0.004697	0.74	3.38	14.50	0.49
Saleta	8.2		Bridge									
Saleta	8.1	Q=2.5	2.50	44.32	44.62	44.52	44.64	0.004696	0.74	3.38	14.50	0.49
Saleta	8.0889*	Q=2.5	2.50	44.28	44.57	44.47	44.60	0.004713	0.74	3.37	14.50	0.49
Saleta	8.0778*	Q=2.5	2.50	44.24	44.53	44.43	44.56	0.004708	0.74	3.37	14.50	0.49
Saleta	8.0667*	Q=2.5	2.50	44.20	44.49	44.39	44.52	0.004690	0.74	3.38	14.50	0.49
Saleta	8.0556*	Q=2.5	2.50	44.15	44.45	44.34	44.47	0.004647	0.74	3.39	14.50	0.49
Saleta	8.0444*	Q=2.5	2.50	44.11	44.40	44.30	44.43	0.004543	0.73	3.41	14.50	0.48
Saleta	8.0333*	Q=2.5	2.50	44.07	44.36	44.26	44.39	0.004352	0.72	3.46	14.50	0.47
Saleta	8.0222*	Q=2.5	2.50	44.02	44.33	44.21	44.35	0.004004	0.71	3.54	14.50	0.46
Saleta	8.0111*	Q=2.5	2.50	43.98	44.29	44.17	44.32	0.003469	0.68	3.70	14.50	0.43
Saleta	8	Q=2.5	2.50	43.94	44.27	44.13	44.29	0.002802	0.63	3.94	14.50	0.39
Saleta	7.5		Bridge									
Saleta	7	Q=2.5	2.50	43.93	44.26	44.12	44.28	0.002834	0.64	3.93	14.50	0.39
Saleta	6.8750*	Q=2.5	2.50	43.91	44.24	44.11	44.27	0.002829	0.64	3.93	14.50	0.39
Saleta	6.7500*	Q=2.5	2.50	43.90	44.23	44.09	44.25	0.002839	0.64	3.93	14.50	0.39
Saleta	6.6250*	Q=2.5	2.50	43.89	44.22	44.08	44.24	0.002859	0.64	3.92	14.50	0.39
Saleta	6.5000*	Q=2.5	2.50	43.88	44.20	44.07	44.23	0.002833	0.64	3.93	14.50	0.39
Saleta	6.3750*	Q=2.5	2.50	43.86	44.19	44.05	44.21	0.002842	0.64	3.93	14.50	0.39
Saleta	6.2500*	Q=2.5	2.50	43.85	44.18	44.04	44.20	0.002866	0.64	3.92	14.50	0.39
Saleta	6.1250*	Q=2.5	2.50	43.84	44.16	44.03	44.19	0.002881	0.64	3.91	14.50	0.39
Saleta	6	Q=2.5	2.50	43.82	44.15	44.01	44.17	0.002872	0.64	3.91	14.50	0.39
Saleta	5.8750*	Q=2.5	2.50	43.81	44.14	44.00	44.16	0.002876	0.64	3.91	14.50	0.39
Saleta	5.7500*	Q=2.5	2.50	43.80	44.12	43.99	44.14	0.002907	0.64	3.90	14.50	0.39
Saleta	5.6250*	Q=2.5	2.50	43.78	44.11	43.97	44.13	0.002933	0.64	3.89	14.50	0.40
Saleta	5.5000*	Q=2.5	2.50	43.77	44.10	43.96	44.12	0.002922	0.64	3.89	14.50	0.40
Saleta	5.3750*	Q=2.5	2.50	43.76	44.08	43.95	44.10	0.002954	0.64	3.88	14.50	0.40
Saleta	5.2500*	Q=2.5	2.50	43.74	44.07	43.93	44.09	0.003003	0.65	3.86	14.50	0.40
Saleta	5.1250*	Q=2.5	2.50	43.73	44.05	43.92	44.08	0.003006	0.65	3.86	14.50	0.40
Saleta	5	Q=2.5	2.50	43.72	44.04	43.91	44.06	0.003073	0.65	3.84	14.50	0.40
Saleta	4.8333*	Q=2.5	2.50	43.71	44.03	43.90	44.05	0.003101	0.65	3.83	14.50	0.41
Saleta	4.6667*	Q=2.5	2.50	43.70	44.03	43.89	44.05	0.003132	0.66	3.81	14.50	0.41

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=2.5 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	Q=2.5	2.50	43.70	44.02	43.89	44.04	0.003169	0.66	3.80	14.50	0.41
Saleta	4.3333*	Q=2.5	2.50	43.69	44.01	43.88	44.03	0.003211	0.66	3.79	14.50	0.41
Saleta	4.1667*	Q=2.5	2.50	43.69	44.00	43.88	44.03	0.003269	0.66	3.76	14.50	0.42
Saleta	4	Q=2.5	2.50	43.68	44.00	43.87	44.02	0.003293	0.67	3.76	14.50	0.42
Saleta	3.8333*	Q=2.5	2.50	43.67	43.98	43.86	44.00	0.003425	0.67	3.71	14.50	0.42
Saleta	3.6667*	Q=2.5	2.50	43.65	43.96	43.84	43.99	0.003638	0.69	3.65	14.50	0.44
Saleta	3.5000*	Q=2.5	2.50	43.64	43.94	43.83	43.97	0.003966	0.70	3.55	14.50	0.45
Saleta	3.3333*	Q=2.5	2.50	43.62	43.92	43.81	43.94	0.004531	0.73	3.41	14.50	0.48
Saleta	3.1667*	Q=2.5	2.50	43.61	43.89	43.80	43.92	0.005557	0.78	3.19	14.30	0.53
Saleta	3	Q=2.5	2.50	43.59	43.79	43.79	43.86	0.022614	1.25	2.00	12.72	1.01
Saleta	2.8750*	Q=2.5	2.50	43.38	43.51	43.58	43.74	0.115613	2.13	1.17	11.45	2.12
Saleta	2.7500*	Q=2.5	2.50	43.18	43.31	43.37	43.49	0.075067	1.85	1.35	11.75	1.74
Saleta	2.6250*	Q=2.5	2.50	42.97	43.10	43.16	43.29	0.084022	1.92	1.30	11.67	1.83
Saleta	2.5000*	Q=2.5	2.50	42.76	42.89	42.95	43.08	0.082154	1.91	1.31	11.68	1.82
Saleta	2.3750*	Q=2.5	2.50	42.55	42.68	42.74	42.87	0.084745	1.92	1.30	11.66	1.84
Saleta	2.2500*	Q=2.5	2.50	42.34	42.47	42.53	42.66	0.084270	1.92	1.30	11.66	1.84
Saleta	2.1250*	Q=2.5	2.50	42.13	42.26	42.32	42.45	0.084270	1.92	1.30	11.66	1.84
Saleta	2	Q=2.5	2.50	41.92	42.06	42.11	42.24	0.084270	1.92	1.30	11.66	1.84
Saleta	1.9167*	Q=2.5	2.50	41.85	41.97	42.03	42.16	0.088840	1.93	1.29	11.98	1.88
Saleta	1.8333*	Q=2.5	2.50	41.77	41.89	41.95	42.08	0.088835	1.91	1.31	12.36	1.87
Saleta	1.7500*	Q=2.5	2.50	41.69	41.81	41.86	41.99	0.089260	1.89	1.32	12.74	1.87
Saleta	1.6667*	Q=2.5	2.50	41.61	41.73	41.78	41.91	0.093213	1.89	1.32	13.07	1.90
Saleta	1.5833*	Q=2.5	2.50	41.54	41.65	41.70	41.82	0.091245	1.86	1.35	13.46	1.88
Saleta	1.5000*	Q=2.5	2.50	41.46	41.57	41.62	41.74	0.091020	1.84	1.36	13.83	1.87
Saleta	1.4167*	Q=2.5	2.50	41.38	41.49	41.54	41.66	0.090450	1.81	1.38	14.22	1.86
Saleta	1.3333*	Q=2.5	2.50	41.31	41.41	41.46	41.57	0.089445	1.79	1.39	14.50	1.85
Saleta	1.2500*	Q=2.5	2.50	41.23	41.33	41.38	41.49	0.086546	1.78	1.41	14.50	1.82
Saleta	1.1667*	Q=2.5	2.50	41.15	41.25	41.30	41.41	0.086259	1.77	1.41	14.50	1.82
Saleta	1.0833*	Q=2.5	2.50	41.08	41.18	41.22	41.33	0.082756	1.75	1.43	14.50	1.78
Saleta	1	Q=2.5	2.50	41.00	41.25	41.14	41.28	0.003481	0.68	3.69	14.50	0.43
Saleta	0.9		Culvert									
Saleta	0.7	Q=2.5	2.50	41.00	41.21	41.14	41.25	0.006208	0.81	3.10	14.50	0.56
Saleta	0.69412*	Q=2.5	2.50	40.91	41.12	41.05	41.15	0.006396	0.81	3.08	14.50	0.56
Saleta	0.68824*	Q=2.5	2.50	40.81	41.03	40.96	41.06	0.006224	0.81	3.10	14.50	0.56
Saleta	0.68235*	Q=2.5	2.50	40.72	40.94	40.87	40.97	0.006352	0.81	3.08	14.50	0.56
Saleta	0.67647*	Q=2.5	2.50	40.63	40.84	40.77	40.88	0.006255	0.81	3.10	14.50	0.56
Saleta	0.67059*	Q=2.5	2.50	40.54	40.75	40.68	40.78	0.006336	0.81	3.08	14.50	0.56
Saleta	0.66471*	Q=2.5	2.50	40.45	40.66	40.59	40.69	0.006290	0.81	3.09	14.50	0.56
Saleta	0.65882*	Q=2.5	2.50	40.35	40.57	40.50	40.60	0.006235	0.81	3.10	14.50	0.56
Saleta	0.65294*	Q=2.5	2.50	40.26	40.47	40.41	40.51	0.006360	0.81	3.08	14.50	0.56
Saleta	0.64706*	Q=2.5	2.50	40.17	40.38	40.31	40.41	0.006236	0.81	3.10	14.50	0.56
Saleta	0.64118*	Q=2.5	2.50	40.08	40.29	40.22	40.32	0.006359	0.81	3.08	14.50	0.56
Saleta	0.63529*	Q=2.5	2.50	39.98	40.20	40.13	40.23	0.006238	0.81	3.10	14.50	0.56
Saleta	0.62941*	Q=2.5	2.50	39.89	40.10	40.04	40.14	0.006357	0.81	3.08	14.50	0.56
Saleta	0.62353*	Q=2.5	2.50	39.80	40.01	39.94	40.04	0.006244	0.81	3.10	14.50	0.56
Saleta	0.61765*	Q=2.5	2.50	39.71	39.92	39.85	39.95	0.006350	0.81	3.08	14.50	0.56
Saleta	0.61176*	Q=2.5	2.50	39.61	39.83	39.76	39.86	0.006258	0.81	3.10	14.50	0.56
Saleta	0.60588*	Q=2.5	2.50	39.52	39.73	39.67	39.77	0.006262	0.81	3.10	14.50	0.56
Saleta	0.6	Q=2.5	2.50	39.43	39.64	39.57	39.68	0.006001	0.80	3.14	14.50	0.55

Análisis de la problemática de inundabilidad en el municipio del Aldaia y propuesta de soluciones.

3. Situación Q=5

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 5 m³/seg.

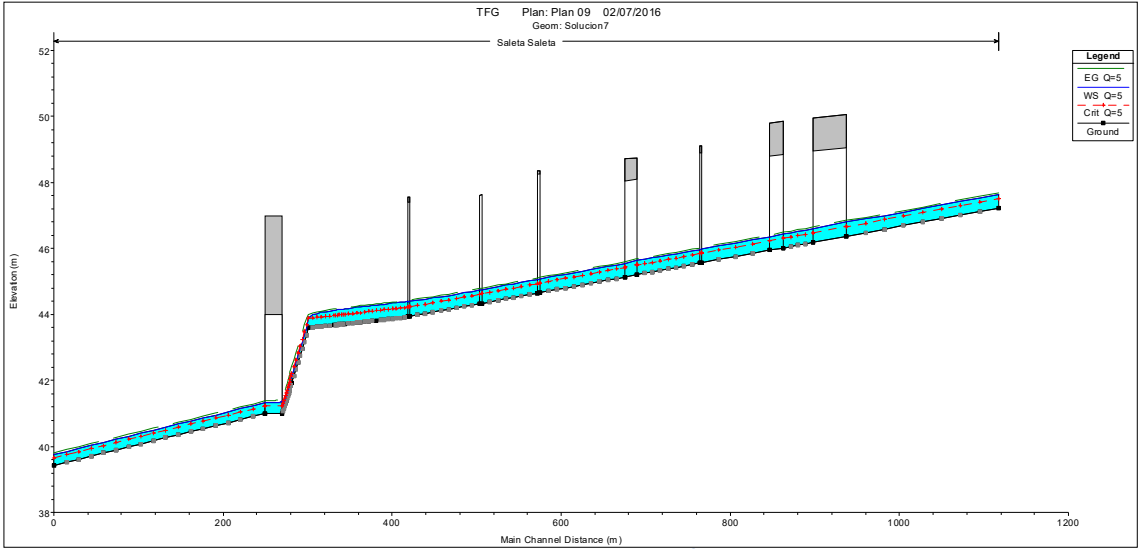
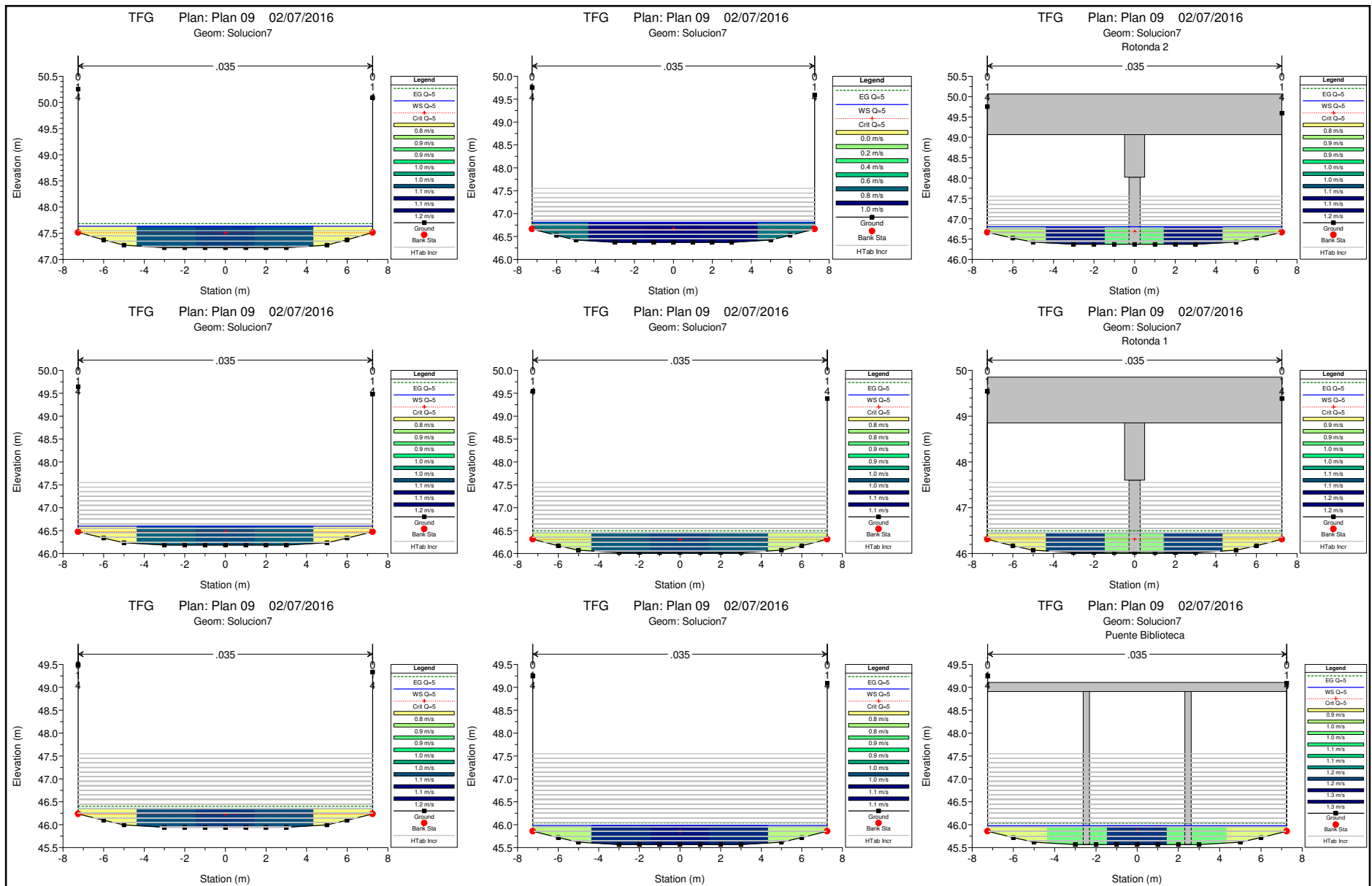
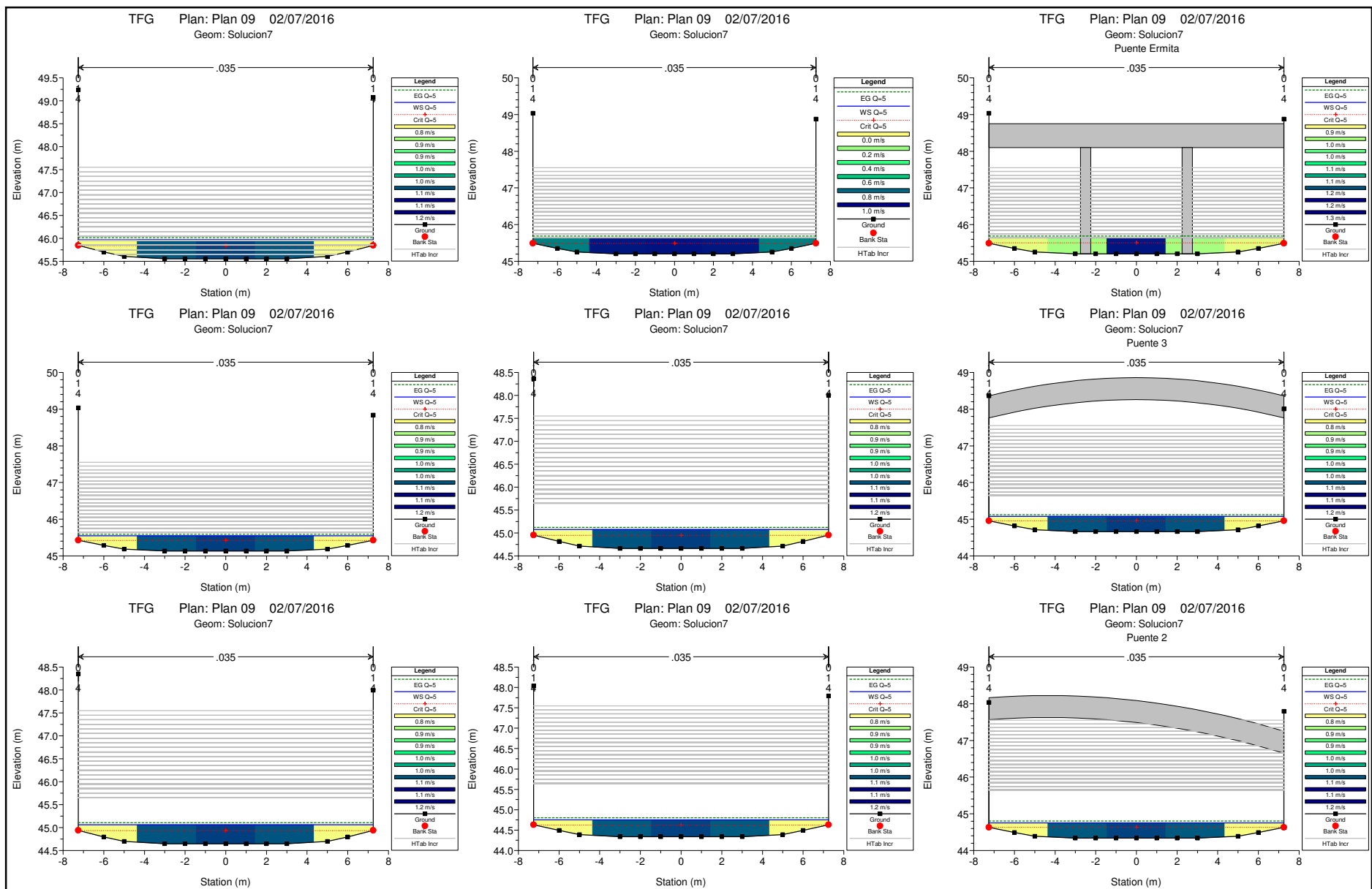
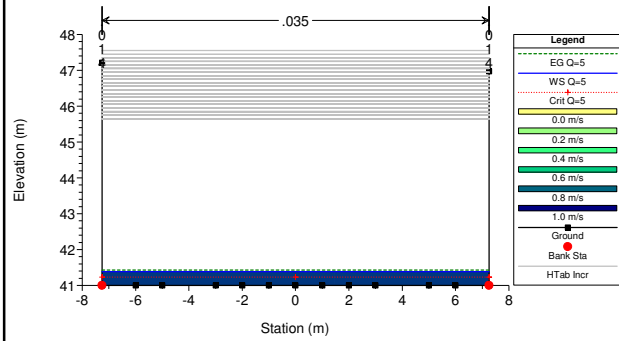


Figura 3.1. Sección longitudinal de la solución propuesta para Q = 5m³/seg.

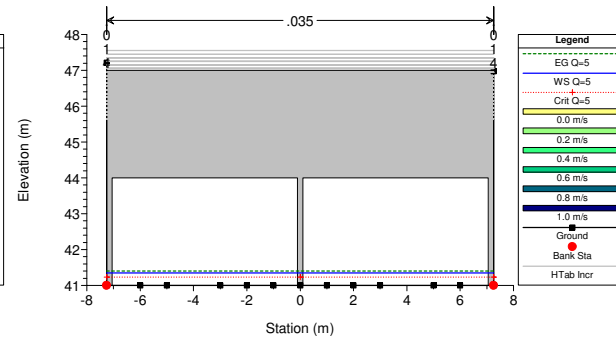




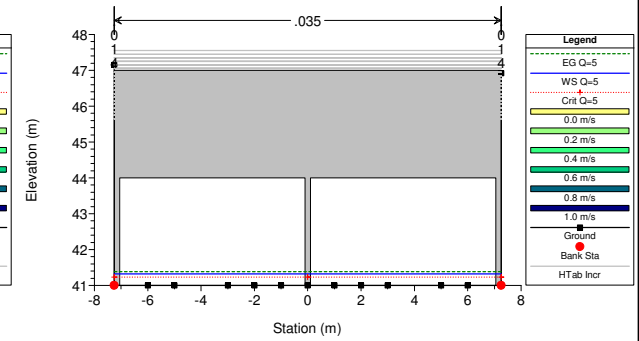
TFG Plan: Plan 09 02/07/2016
Geom: Solucion7



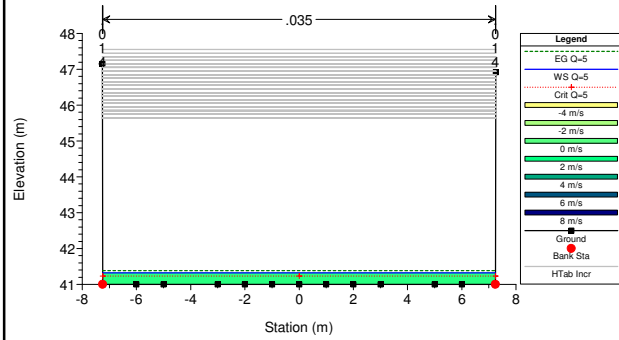
TFG Plan: Plan 09 02/07/2016
Geom: Solucion7



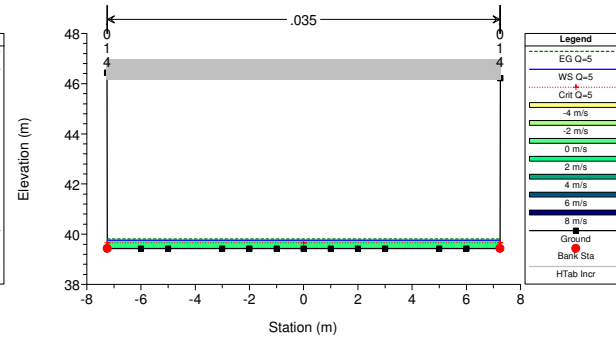
TFG Plan: Plan 09 02/07/2016
Geom: Solucion7



TFG Plan: Plan 09 02/07/2016
Geom: Solucion7



TFG Plan: Plan 09 02/07/2016
Geom: Solucion7



HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=5

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	Q=5	5.00	47.22	47.63	47.51	47.68	0.004714	0.98	5.11	14.50	0.53
Saleta	21.875*	Q=5	5.00	47.12	47.53	47.40	47.58	0.004709	0.98	5.11	14.50	0.53
Saleta	21.750*	Q=5	5.00	47.01	47.42	47.30	47.47	0.004718	0.98	5.11	14.50	0.53
Saleta	21.625*	Q=5	5.00	46.91	47.32	47.19	47.36	0.004755	0.98	5.10	14.50	0.53
Saleta	21.500*	Q=5	5.00	46.80	47.21	47.09	47.26	0.004714	0.98	5.11	14.50	0.53
Saleta	21.375*	Q=5	5.00	46.69	47.10	46.98	47.15	0.004713	0.98	5.11	14.50	0.53
Saleta	21.250*	Q=5	5.00	46.59	47.00	46.87	47.05	0.004634	0.97	5.14	14.50	0.52
Saleta	21.125*	Q=5	5.00	46.48	46.90	46.77	46.95	0.004382	0.96	5.23	14.50	0.51
Saleta	21	Q=5	5.00	46.37	46.81	46.66	46.85	0.003716	0.91	5.49	14.50	0.47
Saleta	20		Bridge									
Saleta	19	Q=5	5.00	46.19	46.60	46.47	46.65	0.004585	0.97	5.16	14.50	0.52
Saleta	18.750*	Q=5	5.00	46.14	46.56	46.43	46.61	0.004508	0.96	5.18	14.50	0.52
Saleta	18.500*	Q=5	5.00	46.10	46.52	46.39	46.57	0.004416	0.96	5.21	14.50	0.51
Saleta	18.250*	Q=5	5.00	46.06	46.48	46.35	46.53	0.004206	0.95	5.29	14.50	0.50
Saleta	18	Q=5	5.00	46.02	46.45	46.31	46.49	0.003982	0.93	5.38	14.50	0.49
Saleta	17		Bridge									
Saleta	16	Q=5	5.00	45.94	46.36	46.23	46.40	0.004731	0.98	5.11	14.50	0.53
Saleta	15.750*	Q=5	5.00	45.85	46.26	46.14	46.31	0.004697	0.98	5.12	14.50	0.52
Saleta	15.500*	Q=5	5.00	45.76	46.17	46.04	46.22	0.004685	0.98	5.12	14.50	0.52
Saleta	15.250*	Q=5	5.00	45.66	46.08	45.95	46.12	0.004617	0.97	5.14	14.50	0.52
Saleta	15	Q=5	5.00	45.57	45.99	45.85	46.03	0.004360	0.96	5.23	14.50	0.51
Saleta	14		Bridge									
Saleta	13	Q=5	5.00	45.56	45.97	45.84	46.02	0.004679	0.98	5.12	14.50	0.52
Saleta	12.875*	Q=5	5.00	45.51	45.92	45.80	45.97	0.004699	0.98	5.12	14.50	0.53
Saleta	12.750*	Q=5	5.00	45.47	45.88	45.75	45.93	0.004621	0.97	5.14	14.50	0.52
Saleta	12.625*	Q=5	5.00	45.42	45.84	45.71	45.89	0.004580	0.97	5.16	14.50	0.52
Saleta	12.500*	Q=5	5.00	45.38	45.80	45.67	45.84	0.004493	0.96	5.19	14.50	0.51
Saleta	12.375*	Q=5	5.00	45.34	45.75	45.62	45.80	0.004373	0.96	5.23	14.50	0.51
Saleta	12.250*	Q=5	5.00	45.29	45.72	45.58	45.76	0.004123	0.94	5.32	14.50	0.50
Saleta	12.125*	Q=5	5.00	45.25	45.68	45.53	45.72	0.003839	0.92	5.44	14.50	0.48
Saleta	12	Q=5	5.00	45.20	45.65	45.49	45.69	0.003473	0.89	5.60	14.50	0.46
Saleta	11		Bridge									
Saleta	10	Q=5	5.00	45.14	45.55	45.42	45.60	0.004709	0.98	5.11	14.50	0.53
Saleta	9.9600*	Q=5	5.00	45.09	45.50	45.38	45.55	0.004724	0.98	5.11	14.50	0.53
Saleta	9.9200*	Q=5	5.00	45.04	45.45	45.33	45.50	0.004750	0.98	5.10	14.50	0.53
Saleta	9.8800*	Q=5	5.00	44.99	45.41	45.28	45.45	0.004698	0.98	5.12	14.50	0.53
Saleta	9.8400*	Q=5	5.00	44.95	45.36	45.23	45.41	0.004701	0.98	5.12	14.50	0.53
Saleta	9.8000*	Q=5	5.00	44.90	45.31	45.19	45.36	0.004707	0.98	5.12	14.50	0.53
Saleta	9.7600*	Q=5	5.00	44.85	45.26	45.14	45.31	0.004720	0.98	5.11	14.50	0.53
Saleta	9.7200*	Q=5	5.00	44.81	45.22	45.09	45.27	0.004718	0.98	5.11	14.50	0.53
Saleta	9.6800*	Q=5	5.00	44.76	45.17	45.05	45.22	0.004739	0.98	5.10	14.50	0.53
Saleta	9.6400*	Q=5	5.00	44.71	45.12	45.00	45.17	0.004699	0.98	5.12	14.50	0.53
Saleta	9.6	Q=5	5.00	44.66	45.08	44.95	45.12	0.004711	0.98	5.11	14.50	0.53
Saleta	9.5		Bridge									
Saleta	9.4	Q=5	5.00	44.65	45.06	44.93	45.11	0.004712	0.98	5.11	14.50	0.53
Saleta	9.2429*	Q=5	5.00	44.60	45.02	44.89	45.06	0.004724	0.98	5.11	14.50	0.53
Saleta	9.0857*	Q=5	5.00	44.56	44.97	44.85	45.02	0.004701	0.98	5.12	14.50	0.53
Saleta	8.9286*	Q=5	5.00	44.52	44.93	44.80	44.98	0.004682	0.98	5.12	14.50	0.52
Saleta	8.7714*	Q=5	5.00	44.47	44.88	44.76	44.93	0.004725	0.98	5.11	14.50	0.53
Saleta	8.6143*	Q=5	5.00	44.43	44.84	44.72	44.89	0.004708	0.98	5.12	14.50	0.53
Saleta	8.4571*	Q=5	5.00	44.38	44.80	44.67	44.85	0.004691	0.98	5.12	14.50	0.52
Saleta	8.3	Q=5	5.00	44.34	44.75	44.63	44.80	0.004666	0.97	5.13	14.50	0.52
Saleta	8.2		Bridge									
Saleta	8.1	Q=5	5.00	44.32	44.74	44.61	44.79	0.004662	0.97	5.13	14.50	0.52
Saleta	8.0889*	Q=5	5.00	44.28	44.69	44.57	44.74	0.004647	0.97	5.13	14.50	0.52
Saleta	8.0778*	Q=5	5.00	44.24	44.65	44.53	44.70	0.004601	0.97	5.15	14.50	0.52
Saleta	8.0667*	Q=5	5.00	44.20	44.61	44.48	44.66	0.004526	0.97	5.18	14.50	0.52
Saleta	8.0556*	Q=5	5.00	44.15	44.57	44.44	44.62	0.004410	0.96	5.22	14.50	0.51
Saleta	8.0444*	Q=5	5.00	44.11	44.53	44.40	44.58	0.004235	0.95	5.28	14.50	0.50
Saleta	8.0333*	Q=5	5.00	44.07	44.50	44.35	44.54	0.003986	0.93	5.38	14.50	0.49
Saleta	8.0222*	Q=5	5.00	44.02	44.46	44.31	44.51	0.003656	0.91	5.52	14.50	0.47
Saleta	8.0111*	Q=5	5.00	43.98	44.43	44.27	44.47	0.003253	0.87	5.71	14.50	0.45
Saleta	8	Q=5	5.00	43.94	44.41	44.22	44.44	0.002800	0.84	5.98	14.50	0.42
Saleta	7.5		Bridge									
Saleta	7	Q=5	5.00	43.93	44.40	44.22	44.43	0.002872	0.84	5.93	14.50	0.42
Saleta	6.8750*	Q=5	5.00	43.91	44.38	44.20	44.42	0.002874	0.84	5.93	14.50	0.42
Saleta	6.7500*	Q=5	5.00	43.90	44.37	44.19	44.41	0.002887	0.84	5.92	14.50	0.42
Saleta	6.6250*	Q=5	5.00	43.89	44.36	44.18	44.39	0.002907	0.85	5.91	14.50	0.42
Saleta	6.5000*	Q=5	5.00	43.88	44.34	44.16	44.38	0.002897	0.85	5.92	14.50	0.42
Saleta	6.3750*	Q=5	5.00	43.86	44.33	44.15	44.36	0.002913	0.85	5.91	14.50	0.42
Saleta	6.2500*	Q=5	5.00	43.85	44.31	44.14	44.35	0.002939	0.85	5.89	14.50	0.43
Saleta	6.1250*	Q=5	5.00	43.84	44.30	44.12	44.34	0.002960	0.85	5.88	14.50	0.43
Saleta	6	Q=5	5.00	43.82	44.29	44.11	44.32	0.002965	0.85	5.88	14.50	0.43
Saleta	5.8750*	Q=5	5.00	43.81	44.27	44.10	44.31	0.002982	0.85	5.87	14.50	0.43
Saleta	5.7500*	Q=5	5.00	43.80	44.26	44.08	44.30	0.003021	0.86	5.84	14.50	0.43
Saleta	5.6250*	Q=5	5.00	43.78	44.24	44.07	44.28	0.003056	0.86	5.82	14.50	0.43
Saleta	5.5000*	Q=5	5.00	43.77	44.23	44.06	44.27	0.003067	0.86	5.82	14.50	0.43
Saleta	5.3750*	Q=5	5.00	43.76	44.21	44.04	44.25	0.003113	0.86	5.79	14.50	0.44
Saleta	5.2500*	Q=5	5.00	43.74	44.20	44.03	44.24	0.003174	0.87	5.76	14.50	0.44
Saleta	5.1250*	Q=5	5.00	43.73	44.18	44.02	44.22	0.003206	0.87	5.74	14.50	0.44
Saleta	5	Q=5	5.00	43.72	44.17	44.00	44.21	0.003290	0.88	5.70	14.50	0.45
Saleta	4.8333*	Q=5	5.00	43.71	44.16	44.00	44.20	0.003327	0.88	5.68	14.50	0.45
Saleta	4.6667*	Q=5	5.00	43.70	44.15	43.99	44.19	0.003369	0.88	5.66	14.50	0.45

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=5 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	Q=5	5.00	43.70	44.15	43.99	44.19	0.003415	0.89	5.63	14.50	0.45
Saleta	4.3333*	Q=5	5.00	43.69	44.14	43.98	44.18	0.003468	0.89	5.61	14.50	0.46
Saleta	4.1667*	Q=5	5.00	43.69	44.13	43.97	44.17	0.003533	0.90	5.58	14.50	0.46
Saleta	4	Q=5	5.00	43.68	44.12	43.97	44.16	0.003573	0.90	5.56	14.50	0.46
Saleta	3.8333*	Q=5	5.00	43.67	44.10	43.95	44.14	0.003737	0.91	5.48	14.50	0.47
Saleta	3.6667*	Q=5	5.00	43.65	44.08	43.94	44.12	0.003977	0.93	5.38	14.50	0.49
Saleta	3.5000*	Q=5	5.00	43.64	44.06	43.92	44.10	0.004322	0.95	5.25	14.50	0.51
Saleta	3.3333*	Q=5	5.00	43.62	44.03	43.91	44.08	0.004867	0.99	5.06	14.50	0.53
Saleta	3.1667*	Q=5	5.00	43.61	44.00	43.90	44.05	0.005880	1.04	4.79	14.50	0.58
Saleta	3	Q=5	5.00	43.59	43.88	43.88	44.00	0.019925	1.51	3.31	14.45	1.01
Saleta	2.8750*	Q=5	5.00	43.38	43.58	43.67	43.89	0.086556	2.46	2.03	12.76	1.97
Saleta	2.7500*	Q=5	5.00	43.18	43.37	43.46	43.67	0.083154	2.43	2.06	12.80	1.94
Saleta	2.6250*	Q=5	5.00	42.97	43.16	43.25	43.46	0.083157	2.43	2.06	12.80	1.94
Saleta	2.5000*	Q=5	5.00	42.76	42.95	43.05	43.26	0.083800	2.44	2.05	12.79	1.94
Saleta	2.3750*	Q=5	5.00	42.55	42.74	42.84	43.05	0.083199	2.43	2.06	12.80	1.94
Saleta	2.2500*	Q=5	5.00	42.34	42.53	42.63	42.84	0.083106	2.43	2.06	12.80	1.94
Saleta	2.1250*	Q=5	5.00	42.13	42.33	42.42	42.63	0.083807	2.44	2.05	12.79	1.95
Saleta	2	Q=5	5.00	41.92	42.12	42.21	42.42	0.083557	2.44	2.05	12.79	1.94
Saleta	1.9167*	Q=5	5.00	41.85	42.03	42.12	42.34	0.087651	2.45	2.04	13.07	1.98
Saleta	1.8333*	Q=5	5.00	41.77	41.95	42.04	42.25	0.090309	2.45	2.04	13.38	2.00
Saleta	1.7500*	Q=5	5.00	41.69	41.87	41.95	42.17	0.090640	2.43	2.06	13.73	2.00
Saleta	1.6667*	Q=5	5.00	41.61	41.78	41.87	42.08	0.091314	2.41	2.08	14.07	2.00
Saleta	1.5833*	Q=5	5.00	41.54	41.70	41.79	42.00	0.093713	2.41	2.08	14.40	2.02
Saleta	1.5000*	Q=5	5.00	41.46	41.62	41.70	41.91	0.092465	2.39	2.09	14.50	2.01
Saleta	1.4167*	Q=5	5.00	41.38	41.54	41.62	41.83	0.090630	2.37	2.11	14.50	1.99
Saleta	1.3333*	Q=5	5.00	41.31	41.46	41.54	41.74	0.089061	2.36	2.12	14.50	1.97
Saleta	1.2500*	Q=5	5.00	41.23	41.38	41.46	41.66	0.087213	2.35	2.13	14.50	1.96
Saleta	1.1667*	Q=5	5.00	41.15	41.30	41.38	41.58	0.086357	2.34	2.14	14.50	1.95
Saleta	1.0833*	Q=5	5.00	41.08	41.23	41.31	41.50	0.084016	2.32	2.15	14.50	1.92
Saleta	1	Q=5	5.00	41.00	41.39	41.23	41.43	0.003471	0.89	5.60	14.50	0.46
Saleta	0.9		Culvert									
Saleta	0.7	Q=5	5.00	41.00	41.32	41.23	41.38	0.006247	1.06	4.70	14.50	0.60
Saleta	0.69412*	Q=5	5.00	40.91	41.23	41.14	41.29	0.006338	1.07	4.68	14.50	0.60
Saleta	0.68824*	Q=5	5.00	40.81	41.14	41.04	41.20	0.006246	1.06	4.70	14.50	0.60
Saleta	0.68235*	Q=5	5.00	40.72	41.05	40.95	41.10	0.006319	1.07	4.68	14.50	0.60
Saleta	0.67647*	Q=5	5.00	40.63	40.95	40.86	41.01	0.006265	1.07	4.69	14.50	0.60
Saleta	0.67059*	Q=5	5.00	40.54	40.86	40.77	40.92	0.006319	1.07	4.68	14.50	0.60
Saleta	0.66471*	Q=5	5.00	40.45	40.77	40.67	40.83	0.006262	1.07	4.69	14.50	0.60
Saleta	0.65882*	Q=5	5.00	40.35	40.68	40.58	40.73	0.006264	1.07	4.69	14.50	0.60
Saleta	0.65294*	Q=5	5.00	40.26	40.58	40.49	40.64	0.006319	1.07	4.68	14.50	0.60
Saleta	0.64706*	Q=5	5.00	40.17	40.49	40.40	40.55	0.006265	1.07	4.69	14.50	0.60
Saleta	0.64118*	Q=5	5.00	40.08	40.40	40.30	40.46	0.006319	1.07	4.68	14.50	0.60
Saleta	0.63529*	Q=5	5.00	39.98	40.31	40.21	40.36	0.006264	1.07	4.69	14.50	0.60
Saleta	0.62941*	Q=5	5.00	39.89	40.21	40.12	40.27	0.006319	1.07	4.68	14.50	0.60
Saleta	0.62353*	Q=5	5.00	39.80	40.12	40.03	40.18	0.006264	1.07	4.69	14.50	0.60
Saleta	0.61765*	Q=5	5.00	39.71	40.03	39.93	40.09	0.006318	1.07	4.68	14.50	0.60
Saleta	0.61176*	Q=5	5.00	39.61	39.94	39.84	39.99	0.006257	1.07	4.69	14.50	0.60
Saleta	0.60588*	Q=5	5.00	39.52	39.85	39.75	39.90	0.006211	1.06	4.70	14.50	0.60
Saleta	0.6	Q=5	5.00	39.43	39.76	39.66	39.81	0.006000	1.05	4.75	14.50	0.59

Análisis de la problemática de inundabilidad en el municipio del Aldaia y propuesta de soluciones.

4. Situación Q=10

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 10 m³/seg.

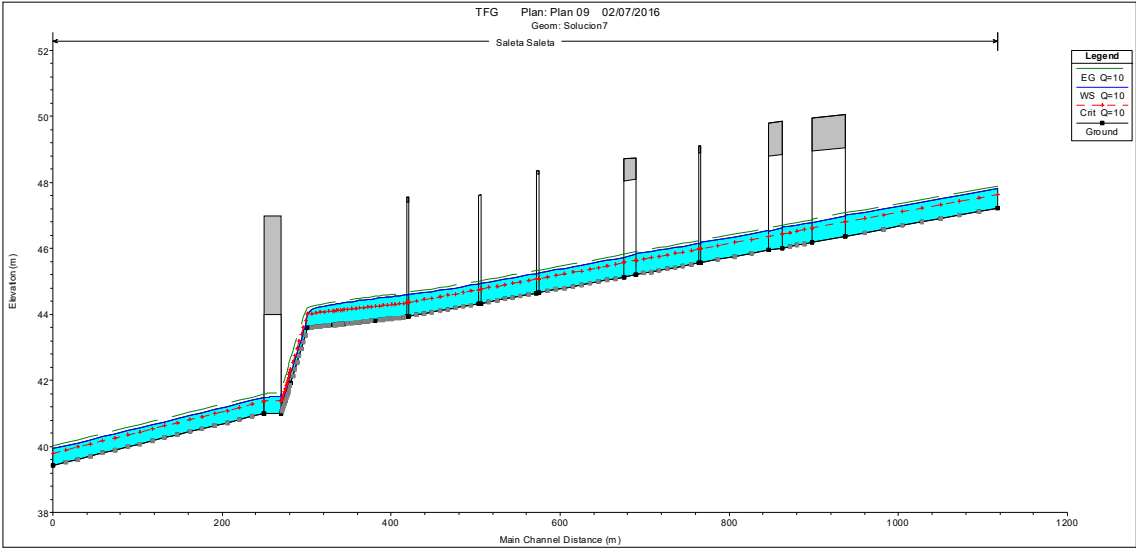


Figura 4.1. Sección longitudinal de la solución propuesta para Q = 10m³/seg.

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=10

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	Q=10	10.00	47.22	47.82	47.64	47.90	0.004711	1.29	7.75	14.50	0.56
Saleta	21.875*	Q=10	10.00	47.12	47.71	47.54	47.80	0.004707	1.29	7.75	14.50	0.56
Saleta	21.750*	Q=10	10.00	47.01	47.60	47.43	47.69	0.004719	1.29	7.75	14.50	0.56
Saleta	21.625*	Q=10	10.00	46.91	47.50	47.33	47.58	0.004729	1.29	7.74	14.50	0.56
Saleta	21.500*	Q=10	10.00	46.80	47.39	47.22	47.48	0.004679	1.29	7.77	14.50	0.56
Saleta	21.375*	Q=10	10.00	46.69	47.29	47.11	47.37	0.004614	1.28	7.80	14.50	0.56
Saleta	21.250*	Q=10	10.00	46.59	47.19	47.01	47.27	0.004472	1.27	7.87	14.50	0.55
Saleta	21.125*	Q=10	10.00	46.48	47.09	46.90	47.17	0.004171	1.24	8.04	14.50	0.53
Saleta	21	Q=10	10.00	46.37	47.01	46.80	47.08	0.003658	1.20	8.36	14.50	0.50
Saleta	20		Bridge									
Saleta	19	Q=10	10.00	46.19	46.79	46.61	46.87	0.004471	1.27	7.87	14.50	0.55
Saleta	18.750*	Q=10	10.00	46.14	46.75	46.57	46.83	0.004394	1.26	7.91	14.50	0.55
Saleta	18.500*	Q=10	10.00	46.10	46.71	46.52	46.79	0.004304	1.26	7.96	14.50	0.54
Saleta	18.250*	Q=10	10.00	46.06	46.68	46.48	46.75	0.004147	1.24	8.05	14.50	0.53
Saleta	18	Q=10	10.00	46.02	46.64	46.44	46.72	0.003995	1.23	8.14	14.50	0.52
Saleta	17		Bridge									
Saleta	16	Q=10	10.00	45.94	46.54	46.37	46.62	0.004703	1.29	7.76	14.50	0.56
Saleta	15.750*	Q=10	10.00	45.85	46.44	46.27	46.53	0.004661	1.29	7.78	14.50	0.56
Saleta	15.500*	Q=10	10.00	45.76	46.35	46.18	46.44	0.004610	1.28	7.80	14.50	0.56
Saleta	15.250*	Q=10	10.00	45.66	46.26	46.08	46.34	0.004510	1.27	7.85	14.50	0.55
Saleta	15	Q=10	10.00	45.57	46.18	45.99	46.26	0.004274	1.25	7.98	14.50	0.54
Saleta	14		Bridge									
Saleta	13	Q=10	10.00	45.56	46.15	45.98	46.24	0.004594	1.28	7.81	14.50	0.56
Saleta	12.875*	Q=10	10.00	45.51	46.11	45.93	46.19	0.004572	1.28	7.82	14.50	0.56
Saleta	12.750*	Q=10	10.00	45.47	46.07	45.89	46.15	0.004481	1.27	7.87	14.50	0.55
Saleta	12.625*	Q=10	10.00	45.42	46.03	45.84	46.11	0.004412	1.26	7.91	14.50	0.55
Saleta	12.500*	Q=10	10.00	45.38	45.99	45.80	46.07	0.004305	1.26	7.96	14.50	0.54
Saleta	12.375*	Q=10	10.00	45.34	45.95	45.76	46.03	0.004176	1.24	8.04	14.50	0.53
Saleta	12.250*	Q=10	10.00	45.29	45.91	45.71	45.99	0.003975	1.23	8.16	14.50	0.52
Saleta	12.125*	Q=10	10.00	45.25	45.88	45.67	45.95	0.003760	1.21	8.29	14.50	0.51
Saleta	12	Q=10	10.00	45.20	45.84	45.62	45.92	0.003510	1.18	8.47	14.50	0.49
Saleta	11		Bridge									
Saleta	10	Q=10	10.00	45.14	45.73	45.56	45.81	0.004711	1.29	7.75	14.50	0.56
Saleta	9.9600*	Q=10	10.00	45.09	45.68	45.51	45.77	0.004720	1.29	7.75	14.50	0.56
Saleta	9.9200*	Q=10	10.00	45.04	45.63	45.46	45.72	0.004733	1.29	7.74	14.50	0.56
Saleta	9.8800*	Q=10	10.00	44.99	45.59	45.42	45.67	0.004700	1.29	7.76	14.50	0.56
Saleta	9.8400*	Q=10	10.00	44.95	45.54	45.37	45.63	0.004703	1.29	7.76	14.50	0.56
Saleta	9.8000*	Q=10	10.00	44.90	45.49	45.32	45.58	0.004707	1.29	7.75	14.50	0.56
Saleta	9.7600*	Q=10	10.00	44.85	45.45	45.27	45.53	0.004715	1.29	7.75	14.50	0.56
Saleta	9.7200*	Q=10	10.00	44.81	45.40	45.23	45.48	0.004712	1.29	7.75	14.50	0.56
Saleta	9.6800*	Q=10	10.00	44.76	45.35	45.18	45.44	0.004720	1.29	7.75	14.50	0.56
Saleta	9.6400*	Q=10	10.00	44.71	45.30	45.13	45.39	0.004692	1.29	7.76	14.50	0.56
Saleta	9.6	Q=10	10.00	44.66	45.26	45.09	45.34	0.004694	1.29	7.76	14.50	0.56
Saleta	9.5		Bridge									
Saleta	9.4	Q=10	10.00	44.65	45.24	45.07	45.33	0.004695	1.29	7.76	14.50	0.56
Saleta	9.2429*	Q=10	10.00	44.60	45.20	45.03	45.28	0.004694	1.29	7.76	14.50	0.56
Saleta	9.0857*	Q=10	10.00	44.56	45.15	44.98	45.24	0.004671	1.29	7.77	14.50	0.56
Saleta	8.9286*	Q=10	10.00	44.52	45.11	44.94	45.20	0.004649	1.29	7.78	14.50	0.56
Saleta	8.7714*	Q=10	10.00	44.47	45.07	44.89	45.15	0.004658	1.29	7.78	14.50	0.56
Saleta	8.6143*	Q=10	10.00	44.43	45.03	44.85	45.11	0.004625	1.28	7.79	14.50	0.56
Saleta	8.4571*	Q=10	10.00	44.38	44.98	44.81	45.07	0.004586	1.28	7.81	14.50	0.56
Saleta	8.3	Q=10	10.00	44.34	44.94	44.76	45.02	0.004536	1.28	7.84	14.50	0.55
Saleta	8.2		Bridge									
Saleta	8.1	Q=10	10.00	44.32	44.92	44.75	45.01	0.004521	1.27	7.85	14.50	0.55
Saleta	8.0889*	Q=10	10.00	44.28	44.88	44.70	44.97	0.004466	1.27	7.88	14.50	0.55
Saleta	8.0778*	Q=10	10.00	44.24	44.84	44.66	44.93	0.004378	1.26	7.92	14.50	0.55
Saleta	8.0667*	Q=10	10.00	44.20	44.81	44.62	44.89	0.004262	1.25	7.99	14.50	0.54
Saleta	8.0556*	Q=10	10.00	44.15	44.77	44.57	44.85	0.004115	1.24	8.07	14.50	0.53
Saleta	8.0444*	Q=10	10.00	44.11	44.73	44.53	44.81	0.003934	1.22	8.18	14.50	0.52
Saleta	8.0333*	Q=10	10.00	44.07	44.70	44.49	44.77	0.003710	1.20	8.33	14.50	0.51
Saleta	8.0222*	Q=10	10.00	44.02	44.67	44.45	44.74	0.003452	1.18	8.51	14.50	0.49
Saleta	8.0111*	Q=10	10.00	43.98	44.64	44.40	44.71	0.003167	1.15	8.73	14.50	0.47
Saleta	8	Q=10	10.00	43.94	44.62	44.36	44.68	0.002862	1.11	9.00	14.50	0.45
Saleta	7.5		Bridge									
Saleta	7	Q=10	10.00	43.93	44.60	44.35	44.67	0.002969	1.12	8.90	14.50	0.46
Saleta	6.8750*	Q=10	10.00	43.91	44.59	44.34	44.65	0.002980	1.12	8.89	14.50	0.46
Saleta	6.7500*	Q=10	10.00	43.90	44.57	44.32	44.64	0.003000	1.13	8.88	14.50	0.46
Saleta	6.6250*	Q=10	10.00	43.89	44.56	44.31	44.62	0.003025	1.13	8.85	14.50	0.46
Saleta	6.5000*	Q=10	10.00	43.88	44.54	44.30	44.61	0.003029	1.13	8.85	14.50	0.46
Saleta	6.3750*	Q=10	10.00	43.86	44.53	44.28	44.59	0.003054	1.13	8.83	14.50	0.46
Saleta	6.2500*	Q=10	10.00	43.85	44.51	44.27	44.58	0.003088	1.14	8.80	14.50	0.47
Saleta	6.1250*	Q=10	10.00	43.84	44.50	44.26	44.57	0.003119	1.14	8.77	14.50	0.47
Saleta	6	Q=10	10.00	43.82	44.48	44.24	44.55	0.003140	1.14	8.75	14.50	0.47
Saleta	5.8750*	Q=10	10.00	43.81	44.47	44.23	44.54	0.003171	1.15	8.73	14.50	0.47
Saleta	5.7500*	Q=10	10.00	43.80	44.45	44.22	44.52	0.003220	1.15	8.69	14.50	0.47
Saleta	5.6250*	Q=10	10.00	43.78	44.44	44.20	44.51	0.003269	1.16	8.65	14.50	0.48
Saleta	5.5000*	Q=10	10.00	43.77	44.42	44.19	44.49	0.003302	1.16	8.62	14.50	0.48
Saleta	5.3750*	Q=10	10.00	43.76	44.41	44.18	44.48	0.003365	1.17	8.57	14.50	0.48
Saleta	5.2500*	Q=10	10.00	43.74	44.39	44.16	44.46	0.003442	1.17	8.52	14.50	0.49
Saleta	5.1250*	Q=10	10.00	43.73	44.37	44.15	44.44	0.003500	1.18	8.47	14.50	0.49
Saleta	5	Q=10	10.00	43.72	44.35	44.14	44.43	0.003602	1.19	8.40	14.50	0.50
Saleta	4.8333*	Q=10	10.00	43.71	44.35	44.13	44.42	0.003650	1.20	8.37	14.50	0.50
Saleta	4.6667*	Q=10	10.00	43.70	44.34	44.13	44.41	0.003702	1.20	8.33	14.50	0.51

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=10 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	Q=10	10.00	43.70	44.33	44.12	44.40	0.003759	1.21	8.29	14.50	0.51
Saleta	4.3333*	Q=10	10.00	43.69	44.32	44.11	44.39	0.003822	1.21	8.25	14.50	0.51
Saleta	4.1667*	Q=10	10.00	43.69	44.31	44.11	44.39	0.003896	1.22	8.21	14.50	0.52
Saleta	4	Q=10	10.00	43.68	44.30	44.10	44.38	0.003953	1.22	8.17	14.50	0.52
Saleta	3.8333*	Q=10	10.00	43.67	44.28	44.09	44.36	0.004149	1.24	8.05	14.50	0.53
Saleta	3.6667*	Q=10	10.00	43.65	44.25	44.07	44.34	0.004418	1.27	7.90	14.50	0.55
Saleta	3.5000*	Q=10	10.00	43.64	44.23	44.06	44.31	0.004786	1.30	7.71	14.50	0.57
Saleta	3.3333*	Q=10	10.00	43.62	44.20	44.04	44.29	0.005334	1.34	7.47	14.50	0.60
Saleta	3.1667*	Q=10	10.00	43.61	44.16	44.03	44.26	0.006339	1.41	7.09	14.50	0.64
Saleta	3	Q=10	10.00	43.59	44.02	44.02	44.20	0.017113	1.90	5.26	14.50	1.01
Saleta	2.8750*	Q=10	10.00	43.38	43.69	43.81	44.10	0.066229	2.85	3.51	14.50	1.85
Saleta	2.7500*	Q=10	10.00	43.18	43.47	43.60	43.92	0.076441	2.98	3.36	14.50	1.97
Saleta	2.6250*	Q=10	10.00	42.97	43.25	43.39	43.72	0.080368	3.03	3.30	14.44	2.02
Saleta	2.5000*	Q=10	10.00	42.76	43.04	43.18	43.52	0.082667	3.06	3.27	14.39	2.05
Saleta	2.3750*	Q=10	10.00	42.55	42.83	42.97	43.31	0.082673	3.06	3.27	14.40	2.05
Saleta	2.2500*	Q=10	10.00	42.34	42.62	42.76	43.10	0.083532	3.07	3.26	14.39	2.06
Saleta	2.1250*	Q=10	10.00	42.13	42.41	42.55	42.89	0.083638	3.07	3.26	14.38	2.06
Saleta	2	Q=10	10.00	41.92	42.21	42.34	42.69	0.083639	3.07	3.26	14.38	2.06
Saleta	1.9167*	Q=10	10.00	41.85	42.12	42.26	42.61	0.087817	3.10	3.22	14.50	2.10
Saleta	1.8333*	Q=10	10.00	41.77	42.03	42.17	42.52	0.088280	3.11	3.22	14.50	2.11
Saleta	1.7500*	Q=10	10.00	41.69	41.95	42.09	42.44	0.088738	3.11	3.21	14.50	2.11
Saleta	1.6667*	Q=10	10.00	41.61	41.86	42.01	42.36	0.089047	3.12	3.21	14.50	2.12
Saleta	1.5833*	Q=10	10.00	41.54	41.78	41.92	42.27	0.089070	3.12	3.21	14.50	2.12
Saleta	1.5000*	Q=10	10.00	41.46	41.70	41.84	42.19	0.088316	3.11	3.22	14.50	2.11
Saleta	1.4167*	Q=10	10.00	41.38	41.62	41.76	42.11	0.089203	3.12	3.21	14.50	2.12
Saleta	1.3333*	Q=10	10.00	41.31	41.54	41.68	42.03	0.088829	3.12	3.21	14.50	2.11
Saleta	1.2500*	Q=10	10.00	41.23	41.46	41.60	41.95	0.087712	3.10	3.22	14.50	2.10
Saleta	1.1667*	Q=10	10.00	41.15	41.38	41.52	41.87	0.086894	3.09	3.23	14.50	2.09
Saleta	1.0833*	Q=10	10.00	41.08	41.30	41.44	41.78	0.085322	3.08	3.25	14.50	2.08
Saleta	1	Q=10	10.00	41.00	41.60	41.36	41.67	0.003230	1.15	8.67	14.50	0.48
Saleta	0.9		Culvert									
Saleta	0.7	Q=10	10.00	41.00	41.49	41.36	41.59	0.006262	1.41	7.11	14.50	0.64
Saleta	0.69412*	Q=10	10.00	40.91	41.40	41.27	41.50	0.006311	1.41	7.10	14.50	0.64
Saleta	0.68824*	Q=10	10.00	40.81	41.31	41.18	41.41	0.006258	1.41	7.11	14.50	0.64
Saleta	0.68235*	Q=10	10.00	40.72	41.21	41.09	41.31	0.006303	1.41	7.10	14.50	0.64
Saleta	0.67647*	Q=10	10.00	40.63	41.12	40.99	41.22	0.006272	1.41	7.11	14.50	0.64
Saleta	0.67059*	Q=10	10.00	40.54	41.03	40.90	41.13	0.006299	1.41	7.10	14.50	0.64
Saleta	0.66471*	Q=10	10.00	40.45	40.94	40.81	41.04	0.006262	1.41	7.11	14.50	0.64
Saleta	0.65882*	Q=10	10.00	40.35	40.84	40.72	40.94	0.006273	1.41	7.11	14.50	0.64
Saleta	0.65294*	Q=10	10.00	40.26	40.75	40.62	40.85	0.006304	1.41	7.10	14.50	0.64
Saleta	0.64706*	Q=10	10.00	40.17	40.66	40.53	40.76	0.006273	1.41	7.11	14.50	0.64
Saleta	0.64118*	Q=10	10.00	40.08	40.57	40.44	40.67	0.006304	1.41	7.10	14.50	0.64
Saleta	0.63529*	Q=10	10.00	39.98	40.47	40.35	40.57	0.006273	1.41	7.11	14.50	0.64
Saleta	0.62941*	Q=10	10.00	39.89	40.38	40.25	40.48	0.006302	1.41	7.10	14.50	0.64
Saleta	0.62353*	Q=10	10.00	39.80	40.29	40.16	40.39	0.006269	1.41	7.11	14.50	0.64
Saleta	0.61765*	Q=10	10.00	39.71	40.20	40.07	40.30	0.006285	1.41	7.10	14.50	0.64
Saleta	0.61176*	Q=10	10.00	39.61	40.10	39.98	40.20	0.006224	1.40	7.12	14.50	0.64
Saleta	0.60588*	Q=10	10.00	39.52	40.01	39.88	40.11	0.006166	1.40	7.14	14.50	0.64
Saleta	0.6	Q=10	10.00	39.43	39.93	39.79	40.02	0.006001	1.39	7.20	14.50	0.63

Análisis de la problemática de inundabilidad en el municipio del Aldaia y propuesta de soluciones.

5. Situación Q=15

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 15 m³/seg.

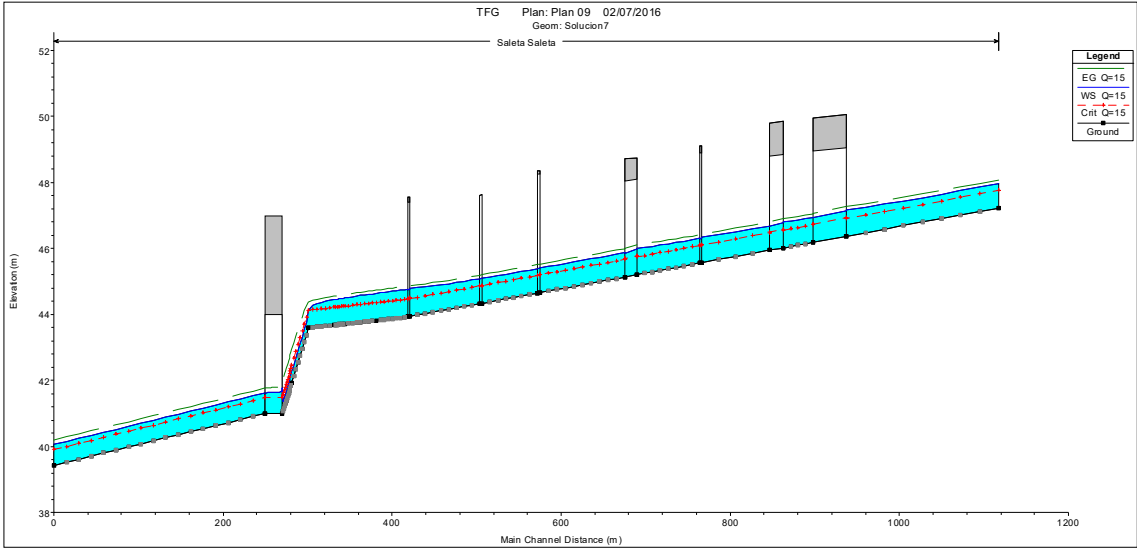
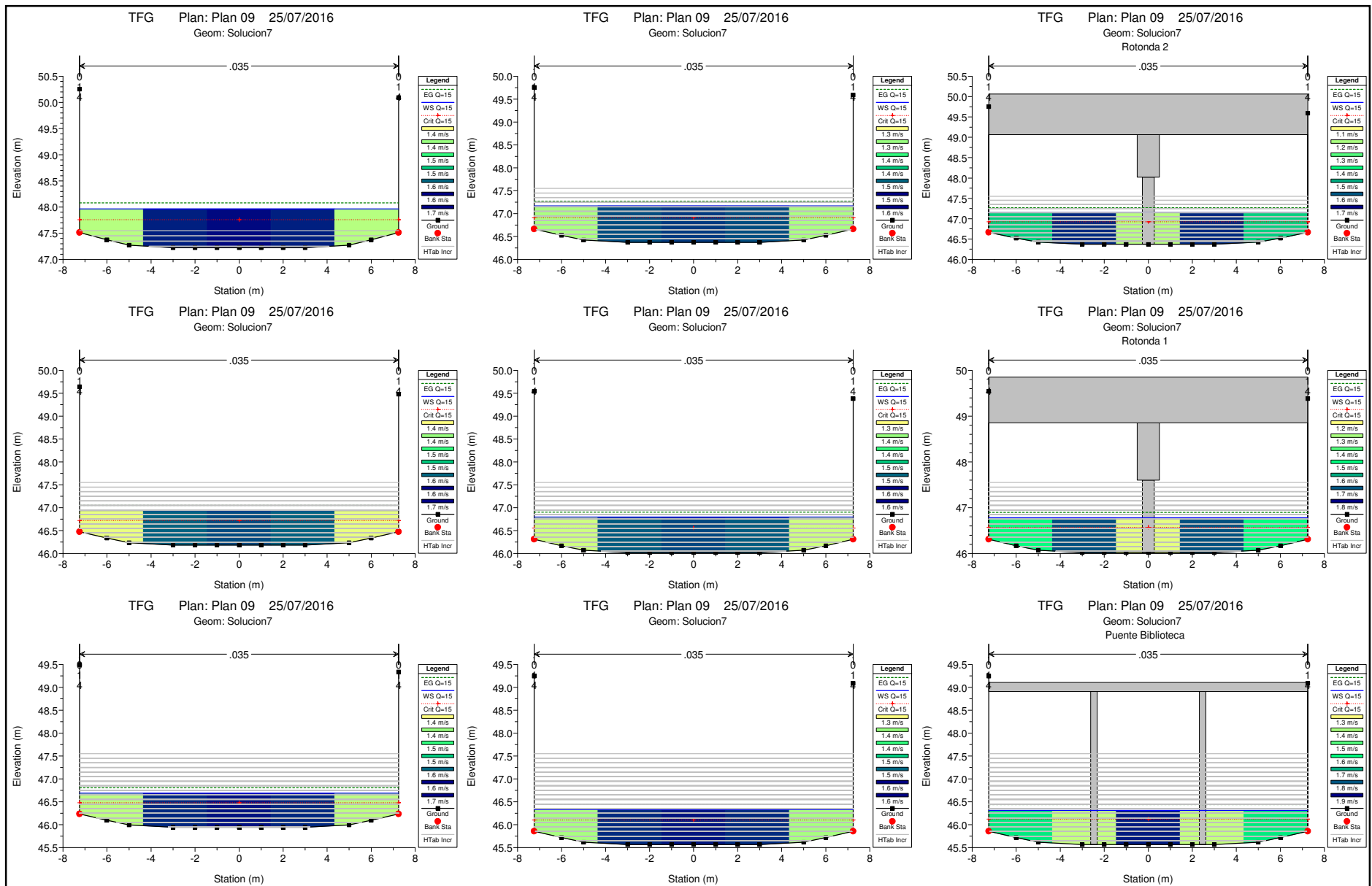
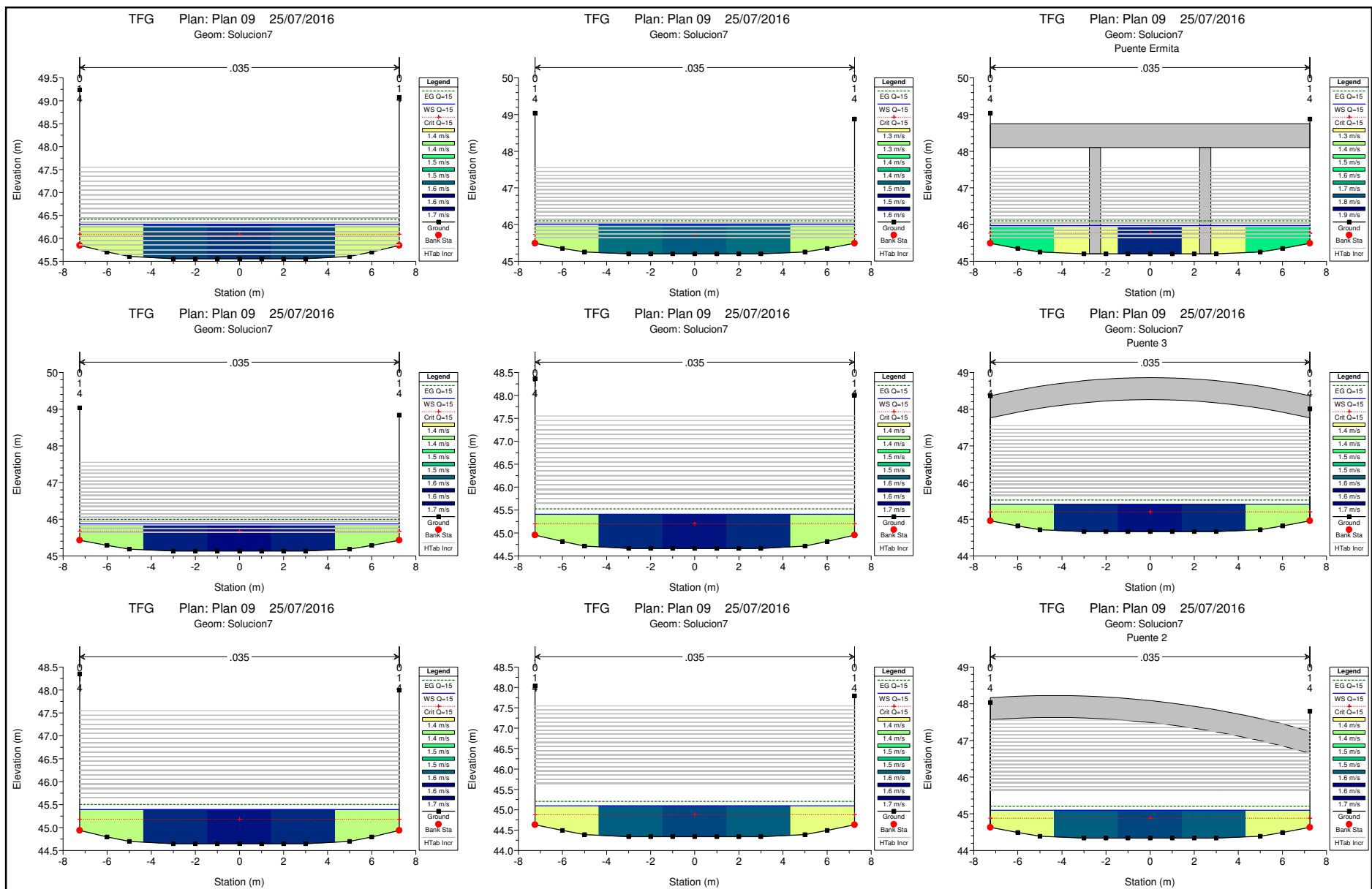
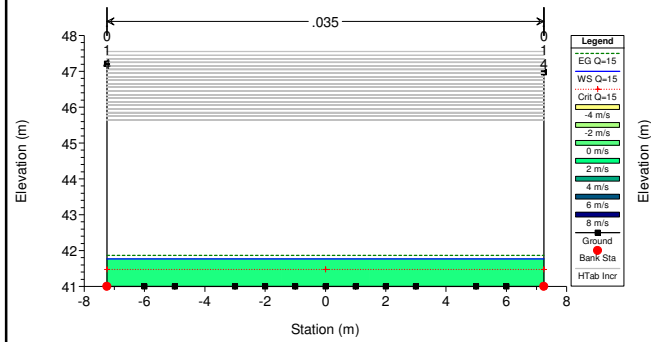


Figura 5.1. Sección longitudinal de la solución propuesta para Q =15m³/seg.

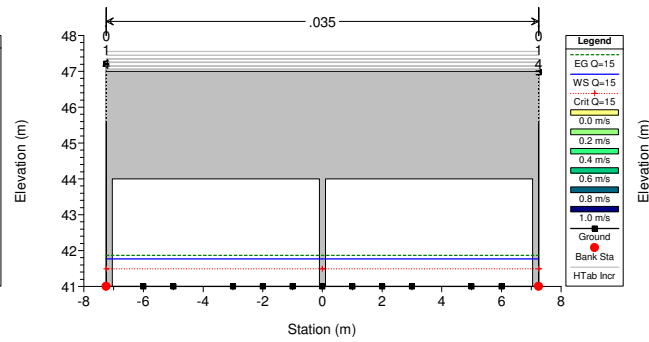




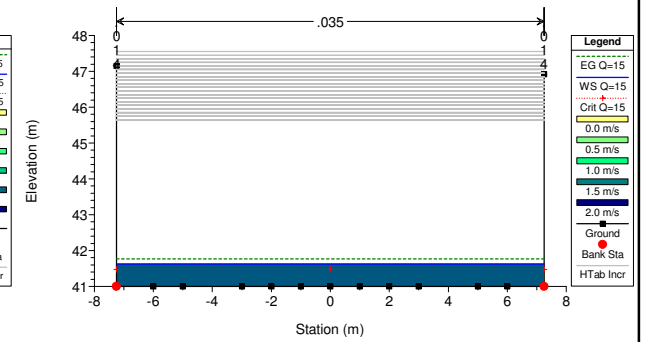
TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



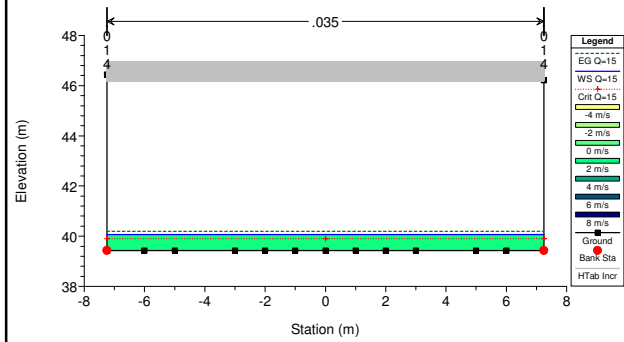
TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=15

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	Q=15	15.00	47.22	47.96	47.76	48.08	0.004702	1.52	9.89	14.50	0.59
Saleta	21.875*	Q=15	15.00	47.12	47.86	47.65	47.97	0.004707	1.52	9.89	14.50	0.59
Saleta	21.750*	Q=15	15.00	47.01	47.75	47.55	47.87	0.004701	1.52	9.89	14.50	0.59
Saleta	21.625*	Q=15	15.00	46.91	47.65	47.44	47.76	0.004687	1.51	9.90	14.50	0.59
Saleta	21.500*	Q=15	15.00	46.80	47.54	47.33	47.66	0.004618	1.51	9.95	14.50	0.58
Saleta	21.375*	Q=15	15.00	46.69	47.44	47.23	47.56	0.004525	1.50	10.01	14.50	0.58
Saleta	21.250*	Q=15	15.00	46.59	47.34	47.12	47.45	0.004353	1.48	10.12	14.50	0.57
Saleta	21.125*	Q=15	15.00	46.48	47.25	47.01	47.36	0.004063	1.45	10.34	14.50	0.55
Saleta	21	Q=15	15.00	46.37	47.17	46.91	47.27	0.003632	1.40	10.69	14.50	0.52
Saleta	20		Bridge									
Saleta	19	Q=15	15.00	46.19	46.94	46.72	47.05	0.004402	1.49	10.09	14.50	0.57
Saleta	18.750*	Q=15	15.00	46.14	46.90	46.68	47.01	0.004324	1.48	10.14	14.50	0.56
Saleta	18.500*	Q=15	15.00	46.10	46.87	46.64	46.98	0.004240	1.47	10.20	14.50	0.56
Saleta	18.250*	Q=15	15.00	46.06	46.83	46.60	46.94	0.004109	1.46	10.30	14.50	0.55
Saleta	18	Q=15	15.00	46.02	46.80	46.55	46.90	0.003986	1.44	10.39	14.50	0.54
Saleta	17		Bridge									
Saleta	16	Q=15	15.00	45.94	46.69	46.48	46.80	0.004667	1.51	9.91	14.50	0.58
Saleta	15.750*	Q=15	15.00	45.85	46.59	46.38	46.71	0.004613	1.51	9.95	14.50	0.58
Saleta	15.500*	Q=15	15.00	45.76	46.50	46.29	46.62	0.004542	1.50	10.00	14.50	0.58
Saleta	15.250*	Q=15	15.00	45.66	46.42	46.20	46.53	0.004423	1.49	10.07	14.50	0.57
Saleta	15	Q=15	15.00	45.57	46.33	46.10	46.44	0.004196	1.47	10.24	14.50	0.56
Saleta	14		Bridge									
Saleta	13	Q=15	15.00	45.56	46.31	46.09	46.42	0.004509	1.50	10.02	14.50	0.58
Saleta	12.875*	Q=15	15.00	45.51	46.26	46.05	46.38	0.004472	1.49	10.04	14.50	0.57
Saleta	12.750*	Q=15	15.00	45.47	46.22	46.00	46.33	0.004378	1.48	10.11	14.50	0.57
Saleta	12.625*	Q=15	15.00	45.42	46.18	45.96	46.29	0.004296	1.48	10.16	14.50	0.56
Saleta	12.500*	Q=15	15.00	45.38	46.14	45.91	46.25	0.004189	1.46	10.24	14.50	0.56
Saleta	12.375*	Q=15	15.00	45.34	46.11	45.87	46.21	0.004067	1.45	10.33	14.50	0.55
Saleta	12.250*	Q=15	15.00	45.29	46.07	45.82	46.18	0.003885	1.43	10.47	14.50	0.54
Saleta	12.125*	Q=15	15.00	45.25	46.04	45.78	46.14	0.003704	1.41	10.63	14.50	0.53
Saleta	12	Q=15	15.00	45.20	46.01	45.74	46.10	0.003501	1.39	10.81	14.50	0.51
Saleta	11		Bridge									
Saleta	10	Q=15	15.00	45.14	45.88	45.67	45.99	0.004709	1.52	9.89	14.50	0.59
Saleta	9.9600*	Q=15	15.00	45.09	45.83	45.62	45.95	0.004715	1.52	9.88	14.50	0.59
Saleta	9.9200*	Q=15	15.00	45.04	45.78	45.58	45.90	0.004723	1.52	9.88	14.50	0.59
Saleta	9.8800*	Q=15	15.00	44.99	45.74	45.53	45.85	0.004697	1.52	9.90	14.50	0.59
Saleta	9.8400*	Q=15	15.00	44.95	45.69	45.48	45.81	0.004697	1.52	9.90	14.50	0.59
Saleta	9.8000*	Q=15	15.00	44.90	45.64	45.43	45.76	0.004698	1.52	9.89	14.50	0.59
Saleta	9.7600*	Q=15	15.00	44.85	45.59	45.39	45.71	0.004699	1.52	9.89	14.50	0.59
Saleta	9.7200*	Q=15	15.00	44.81	45.55	45.34	45.66	0.004693	1.52	9.90	14.50	0.59
Saleta	9.6800*	Q=15	15.00	44.76	45.50	45.29	45.62	0.004693	1.52	9.90	14.50	0.59
Saleta	9.6400*	Q=15	15.00	44.71	45.45	45.25	45.57	0.004665	1.51	9.92	14.50	0.58
Saleta	9.6	Q=15	15.00	44.66	45.41	45.20	45.52	0.004659	1.51	9.92	14.50	0.58
Saleta	9.5		Bridge									
Saleta	9.4	Q=15	15.00	44.65	45.39	45.18	45.51	0.004657	1.51	9.92	14.50	0.58
Saleta	9.2429*	Q=15	15.00	44.60	45.35	45.14	45.46	0.004646	1.51	9.93	14.50	0.58
Saleta	9.0857*	Q=15	15.00	44.56	45.30	45.09	45.42	0.004617	1.51	9.95	14.50	0.58
Saleta	8.9286*	Q=15	15.00	44.52	45.26	45.05	45.38	0.004587	1.51	9.97	14.50	0.58
Saleta	8.7714*	Q=15	15.00	44.47	45.22	45.01	45.33	0.004576	1.50	9.97	14.50	0.58
Saleta	8.6143*	Q=15	15.00	44.43	45.18	44.96	45.29	0.004532	1.50	10.00	14.50	0.58
Saleta	8.4571*	Q=15	15.00	44.38	45.14	44.92	45.25	0.004481	1.49	10.04	14.50	0.57
Saleta	8.3	Q=15	15.00	44.34	45.09	44.88	45.21	0.004421	1.49	10.08	14.50	0.57
Saleta	8.2		Bridge									
Saleta	8.1	Q=15	15.00	44.32	45.08	44.86	45.19	0.004401	1.49	10.09	14.50	0.57
Saleta	8.0889*	Q=15	15.00	44.28	45.04	44.82	45.15	0.004327	1.48	10.14	14.50	0.56
Saleta	8.0778*	Q=15	15.00	44.24	45.00	44.77	45.11	0.004228	1.47	10.21	14.50	0.56
Saleta	8.0667*	Q=15	15.00	44.20	44.96	44.73	45.07	0.004109	1.46	10.30	14.50	0.55
Saleta	8.0556*	Q=15	15.00	44.15	44.93	44.69	45.04	0.003969	1.44	10.41	14.50	0.54
Saleta	8.0444*	Q=15	15.00	44.11	44.90	44.64	45.00	0.003799	1.42	10.55	14.50	0.53
Saleta	8.0333*	Q=15	15.00	44.07	44.86	44.60	44.96	0.003605	1.40	10.71	14.50	0.52
Saleta	8.0222*	Q=15	15.00	44.02	44.84	44.56	44.93	0.003392	1.37	10.91	14.50	0.51
Saleta	8.0111*	Q=15	15.00	43.98	44.81	44.52	44.90	0.003164	1.35	11.14	14.50	0.49
Saleta	8	Q=15	15.00	43.94	44.78	44.47	44.87	0.002921	1.31	11.41	14.50	0.47
Saleta	7.5		Bridge									
Saleta	7	Q=15	15.00	43.93	44.76	44.46	44.85	0.003058	1.33	11.25	14.50	0.48
Saleta	6.8750*	Q=15	15.00	43.91	44.75	44.45	44.84	0.003075	1.33	11.24	14.50	0.48
Saleta	6.7500*	Q=15	15.00	43.90	44.73	44.44	44.82	0.003099	1.34	11.21	14.50	0.49
Saleta	6.6250*	Q=15	15.00	43.89	44.72	44.42	44.81	0.003129	1.34	11.18	14.50	0.49
Saleta	6.5000*	Q=15	15.00	43.88	44.70	44.41	44.80	0.003140	1.34	11.17	14.50	0.49
Saleta	6.3750*	Q=15	15.00	43.86	44.69	44.40	44.78	0.003171	1.35	11.13	14.50	0.49
Saleta	6.2500*	Q=15	15.00	43.85	44.67	44.38	44.77	0.003209	1.35	11.09	14.50	0.49
Saleta	6.1250*	Q=15	15.00	43.84	44.66	44.37	44.75	0.003246	1.36	11.05	14.50	0.50
Saleta	6	Q=15	15.00	43.82	44.64	44.36	44.74	0.003275	1.36	11.03	14.50	0.50
Saleta	5.8750*	Q=15	15.00	43.81	44.63	44.34	44.72	0.003315	1.37	10.99	14.50	0.50
Saleta	5.7500*	Q=15	15.00	43.80	44.61	44.33	44.70	0.003370	1.37	10.93	14.50	0.50
Saleta	5.6250*	Q=15	15.00	43.78	44.59	44.32	44.69	0.003425	1.38	10.88	14.50	0.51
Saleta	5.5000*	Q=15	15.00	43.77	44.57	44.30	44.67	0.003469	1.38	10.84	14.50	0.51
Saleta	5.3750*	Q=15	15.00	43.76	44.56	44.29	44.66	0.003540	1.39	10.77	14.50	0.52
Saleta	5.2500*	Q=15	15.00	43.74	44.54	44.28	44.64	0.003624	1.40	10.70	14.50	0.52
Saleta	5.1250*	Q=15	15.00	43.73	44.52	44.26	44.62	0.003694	1.41	10.63	14.50	0.53
Saleta	5	Q=15	15.00	43.72	44.50	44.25	44.61	0.003804	1.42	10.54	14.50	0.53
Saleta	4.8333*	Q=15	15.00	43.71	44.49	44.24	44.60	0.003855	1.43	10.50	14.50	0.54
Saleta	4.6667*	Q=15	15.00	43.70	44.48	44.24	44.59	0.003911	1.43	10.45	14.50	0.54

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=15 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	Q=15	15.00	43.70	44.47	44.23	44.58	0.003972	1.44	10.41	14.50	0.54
Saleta	4.3333*	Q=15	15.00	43.69	44.46	44.23	44.57	0.004038	1.45	10.35	14.50	0.55
Saleta	4.1667*	Q=15	15.00	43.69	44.45	44.22	44.56	0.004115	1.46	10.30	14.50	0.55
Saleta	4	Q=15	15.00	43.68	44.44	44.21	44.55	0.004177	1.46	10.25	14.50	0.56
Saleta	3.8333*	Q=15	15.00	43.67	44.42	44.20	44.53	0.004380	1.48	10.10	14.50	0.57
Saleta	3.6667*	Q=15	15.00	43.65	44.39	44.19	44.51	0.004649	1.51	9.93	14.50	0.58
Saleta	3.5000*	Q=15	15.00	43.64	44.37	44.17	44.49	0.005007	1.55	9.71	14.50	0.60
Saleta	3.3333*	Q=15	15.00	43.62	44.33	44.16	44.46	0.005546	1.59	9.41	14.50	0.63
Saleta	3.1667*	Q=15	15.00	43.61	44.28	44.14	44.43	0.006567	1.68	8.95	14.50	0.68
Saleta	3	Q=15	15.00	43.59	44.13	44.13	44.37	0.015630	2.17	6.90	14.50	1.01
Saleta	2.8750*	Q=15	15.00	43.38	43.77	43.92	44.28	0.053767	3.15	4.76	14.50	1.76
Saleta	2.7500*	Q=15	15.00	43.18	43.54	43.71	44.12	0.067486	3.37	4.45	14.50	1.94
Saleta	2.6250*	Q=15	15.00	42.97	43.32	43.50	43.94	0.074704	3.48	4.31	14.50	2.04
Saleta	2.5000*	Q=15	15.00	42.76	43.11	43.29	43.75	0.078768	3.53	4.25	14.50	2.08
Saleta	2.3750*	Q=15	15.00	42.55	42.90	43.08	43.54	0.080981	3.56	4.21	14.50	2.11
Saleta	2.2500*	Q=15	15.00	42.34	42.69	42.87	43.34	0.081869	3.57	4.20	14.50	2.12
Saleta	2.1250*	Q=15	15.00	42.13	42.48	42.67	43.13	0.082656	3.58	4.19	14.50	2.13
Saleta	2	Q=15	15.00	41.92	42.27	42.46	42.93	0.083552	3.60	4.17	14.50	2.14
Saleta	1.9167*	Q=15	15.00	41.85	42.18	42.37	42.85	0.085898	3.63	4.14	14.50	2.17
Saleta	1.8333*	Q=15	15.00	41.77	42.09	42.29	42.77	0.086741	3.64	4.13	14.50	2.18
Saleta	1.7500*	Q=15	15.00	41.69	42.01	42.20	42.69	0.087473	3.65	4.11	14.50	2.19
Saleta	1.6667*	Q=15	15.00	41.61	41.92	42.12	42.60	0.088015	3.65	4.11	14.50	2.19
Saleta	1.5833*	Q=15	15.00	41.54	41.84	42.03	42.52	0.088280	3.66	4.10	14.50	2.19
Saleta	1.5000*	Q=15	15.00	41.46	41.76	41.95	42.44	0.087845	3.65	4.11	14.50	2.19
Saleta	1.4167*	Q=15	15.00	41.38	41.68	41.87	42.36	0.088603	3.66	4.10	14.50	2.20
Saleta	1.3333*	Q=15	15.00	41.31	41.60	41.79	42.28	0.088507	3.66	4.10	14.50	2.20
Saleta	1.2500*	Q=15	15.00	41.23	41.52	41.71	42.20	0.087774	3.65	4.11	14.50	2.19
Saleta	1.1667*	Q=15	15.00	41.15	41.44	41.63	42.12	0.087132	3.64	4.12	14.50	2.18
Saleta	1.0833*	Q=15	15.00	41.08	41.36	41.55	42.03	0.085888	3.63	4.14	14.50	2.17
Saleta	1	Q=15	15.00	41.00	41.77	41.48	41.86	0.003105	1.34	11.20	14.50	0.49
Saleta	0.9		Culvert									
Saleta	0.7	Q=15	15.00	41.00	41.63	41.48	41.76	0.006266	1.65	9.07	14.50	0.67
Saleta	0.69412*	Q=15	15.00	40.91	41.53	41.38	41.67	0.006302	1.66	9.05	14.50	0.67
Saleta	0.68824*	Q=15	15.00	40.81	41.44	41.29	41.58	0.006263	1.65	9.07	14.50	0.67
Saleta	0.68235*	Q=15	15.00	40.72	41.35	41.20	41.49	0.006297	1.66	9.06	14.50	0.67
Saleta	0.67647*	Q=15	15.00	40.63	41.26	41.11	41.39	0.006274	1.65	9.07	14.50	0.67
Saleta	0.67059*	Q=15	15.00	40.54	41.16	41.01	41.30	0.006292	1.66	9.06	14.50	0.67
Saleta	0.66471*	Q=15	15.00	40.45	41.07	40.92	41.21	0.006264	1.65	9.07	14.50	0.67
Saleta	0.65882*	Q=15	15.00	40.35	40.98	40.83	41.12	0.006276	1.65	9.06	14.50	0.67
Saleta	0.65294*	Q=15	15.00	40.26	40.89	40.74	41.03	0.006298	1.66	9.05	14.50	0.67
Saleta	0.64706*	Q=15	15.00	40.17	40.79	40.64	40.93	0.006275	1.65	9.06	14.50	0.67
Saleta	0.64118*	Q=15	15.00	40.08	40.70	40.55	40.84	0.006297	1.66	9.06	14.50	0.67
Saleta	0.63529*	Q=15	15.00	39.98	40.61	40.46	40.75	0.006273	1.65	9.07	14.50	0.67
Saleta	0.62941*	Q=15	15.00	39.89	40.52	40.37	40.66	0.006290	1.66	9.06	14.50	0.67
Saleta	0.62353*	Q=15	15.00	39.80	40.42	40.27	40.56	0.006259	1.65	9.07	14.50	0.67
Saleta	0.61765*	Q=15	15.00	39.71	40.33	40.18	40.47	0.006258	1.65	9.07	14.50	0.67
Saleta	0.61176*	Q=15	15.00	39.61	40.24	40.09	40.38	0.006198	1.65	9.10	14.50	0.66
Saleta	0.60588*	Q=15	15.00	39.52	40.15	40.00	40.29	0.006141	1.64	9.12	14.50	0.66
Saleta	0.6	Q=15	15.00	39.43	40.06	39.90	40.20	0.006003	1.63	9.19	14.50	0.66

Análisis de la problemática de inundabilidad en el municipio del Aldaia y propuesta de soluciones.

6. Situación Q=25

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 25 m³/seg.

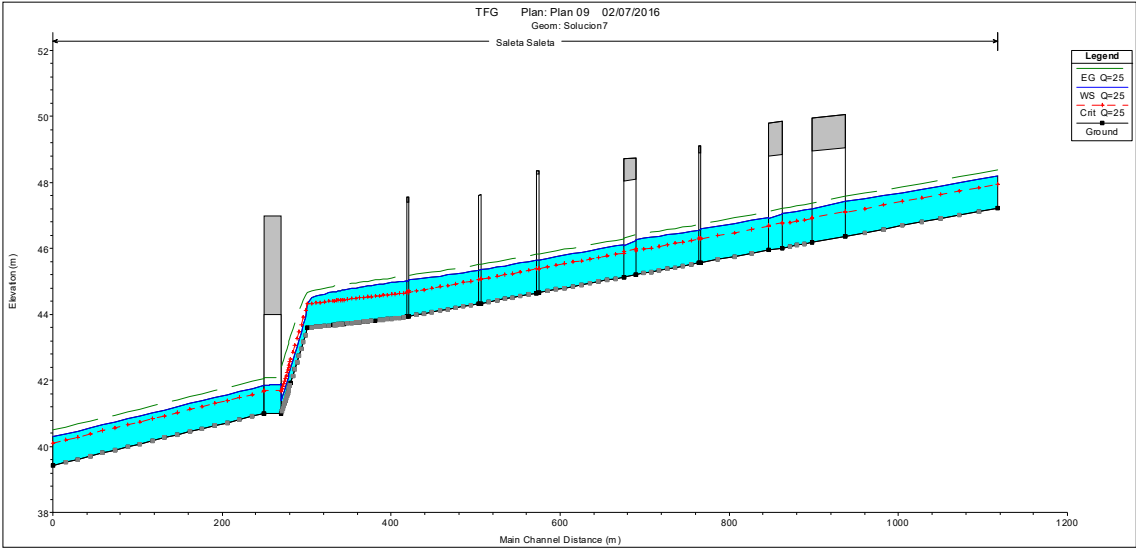
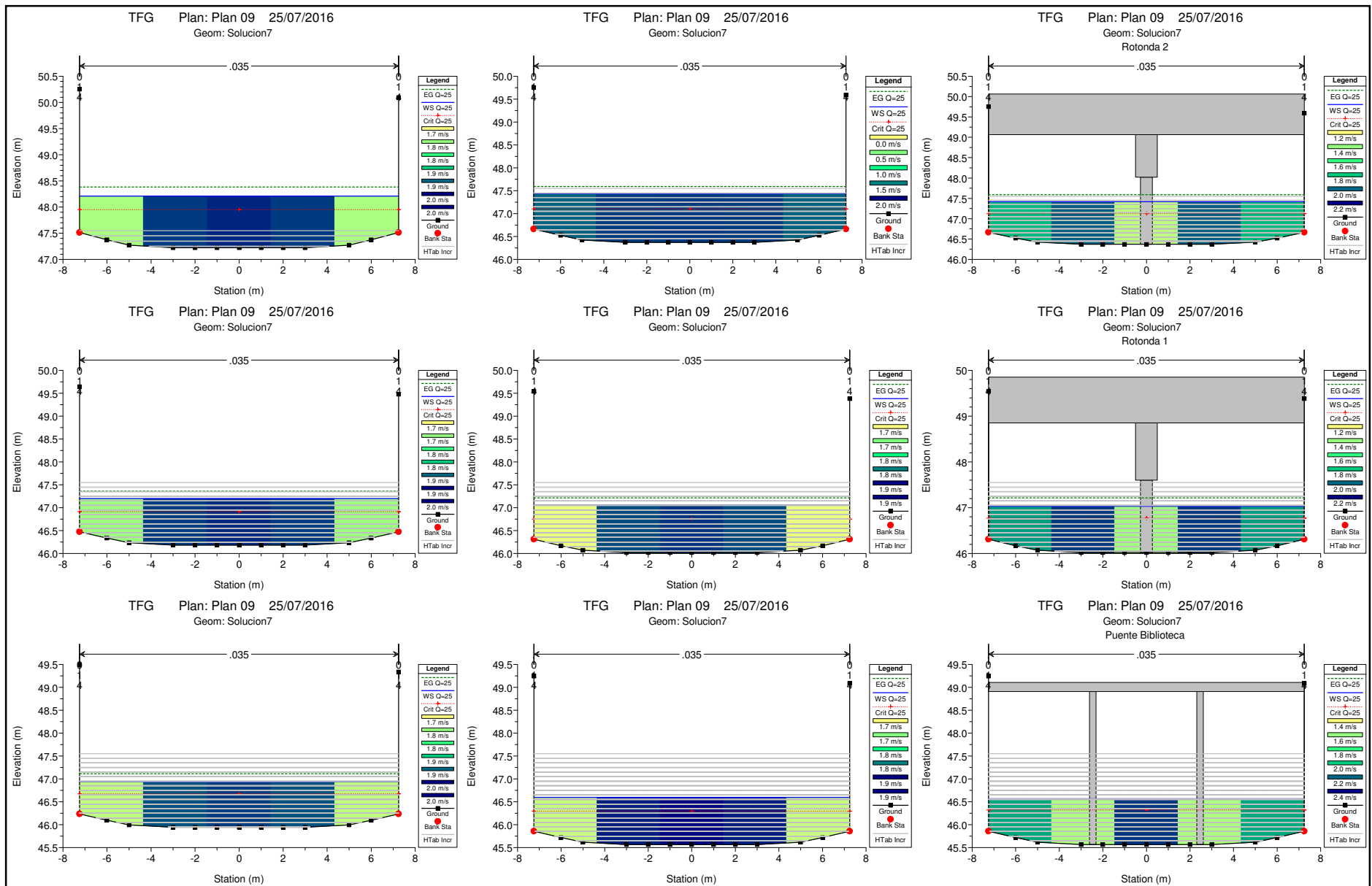
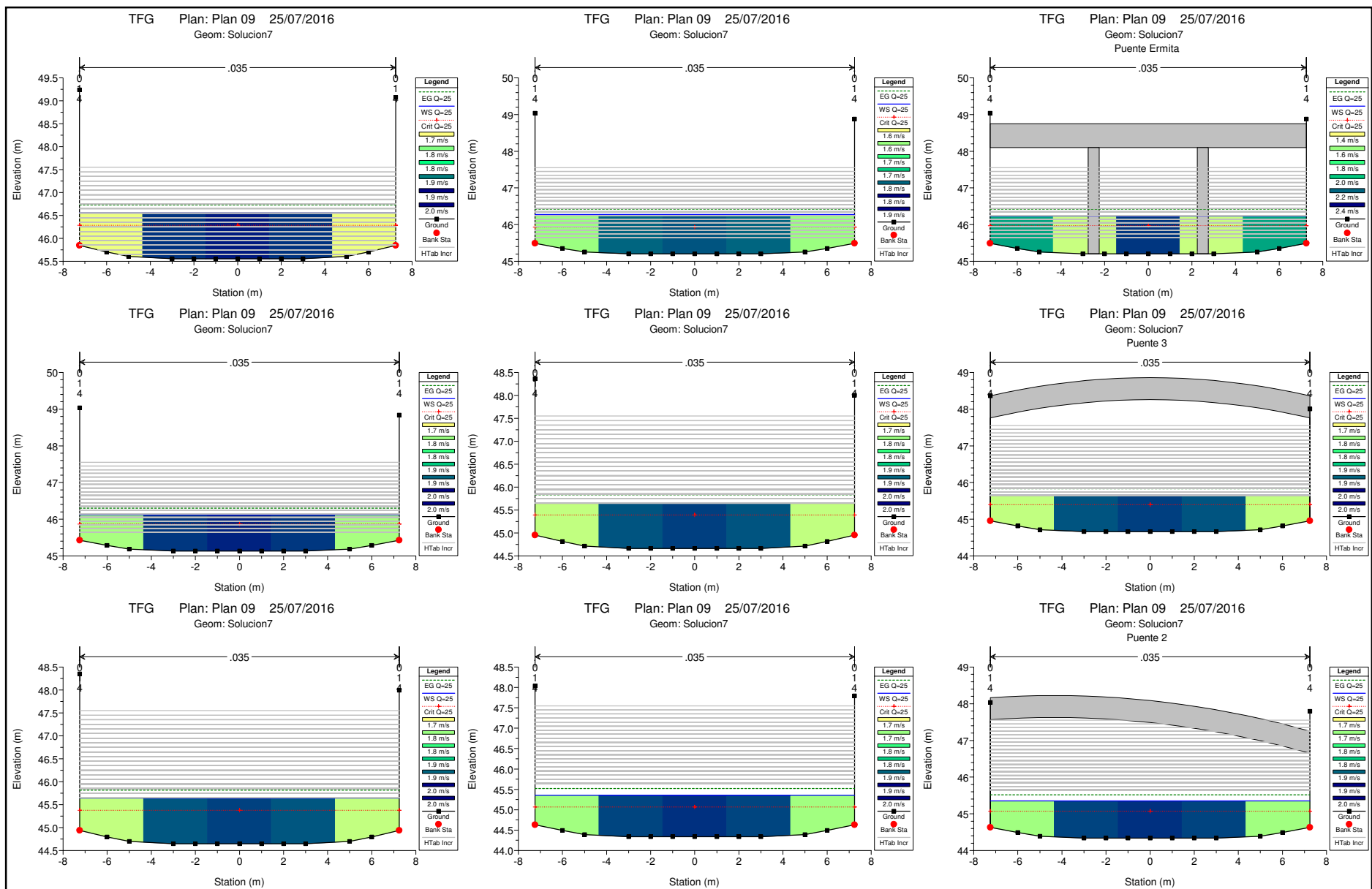
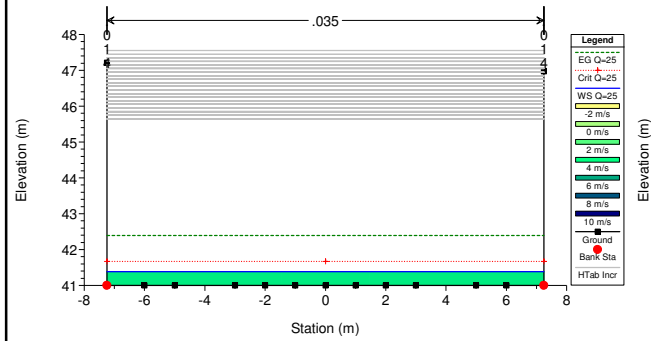


Figura 6.1. Sección longitudinal de la solución propuesta para Q = 25m³/seg.

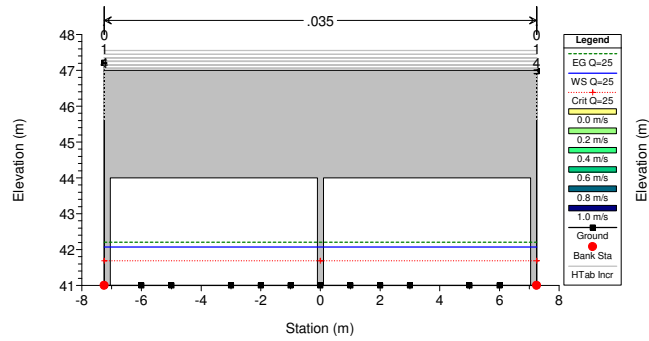




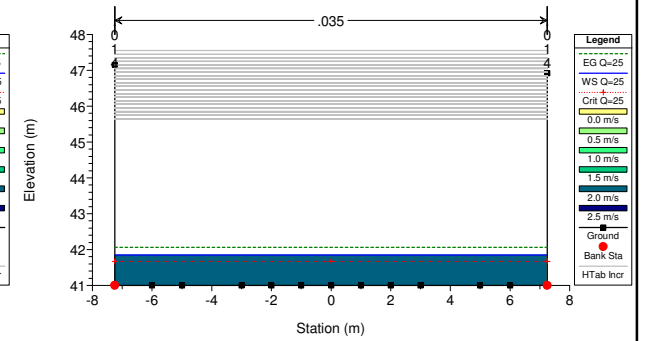
TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



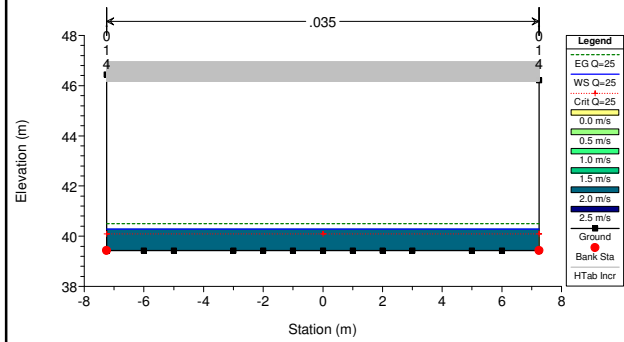
TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=25

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	Q=25	25.00	47.22	48.21	47.95	48.39	0.004683	1.86	13.46	14.50	0.62
Saleta	21.875*	Q=25	25.00	47.12	48.10	47.85	48.28	0.004665	1.86	13.47	14.50	0.61
Saleta	21.750*	Q=25	25.00	47.01	48.00	47.74	48.18	0.004642	1.85	13.49	14.50	0.61
Saleta	21.625*	Q=25	25.00	46.91	47.90	47.63	48.07	0.004599	1.85	13.53	14.50	0.61
Saleta	21.500*	Q=25	25.00	46.80	47.80	47.53	47.97	0.004502	1.84	13.62	14.50	0.61
Saleta	21.375*	Q=25	25.00	46.69	47.70	47.42	47.87	0.004376	1.82	13.73	14.50	0.60
Saleta	21.250*	Q=25	25.00	46.59	47.60	47.31	47.77	0.004182	1.80	13.92	14.50	0.59
Saleta	21.125*	Q=25	25.00	46.48	47.52	47.21	47.68	0.003908	1.76	14.21	14.50	0.57
Saleta	21	Q=25	25.00	46.37	47.44	47.10	47.59	0.003558	1.71	14.61	14.50	0.54
Saleta	20		Bridge									
Saleta	19	Q=25	25.00	46.19	47.20	46.91	47.36	0.004286	1.81	13.82	14.50	0.59
Saleta	18.750*	Q=25	25.00	46.14	47.16	46.87	47.33	0.004213	1.80	13.89	14.50	0.59
Saleta	18.500*	Q=25	25.00	46.10	47.12	46.83	47.29	0.004137	1.79	13.97	14.50	0.58
Saleta	18.250*	Q=25	25.00	46.06	47.09	46.79	47.25	0.004029	1.78	14.08	14.50	0.58
Saleta	18	Q=25	25.00	46.02	47.06	46.75	47.22	0.003931	1.76	14.18	14.50	0.57
Saleta	17		Bridge									
Saleta	16	Q=25	25.00	45.94	46.94	46.67	47.11	0.004589	1.85	13.54	14.50	0.61
Saleta	15.750*	Q=25	25.00	45.85	46.85	46.58	47.02	0.004512	1.84	13.61	14.50	0.61
Saleta	15.500*	Q=25	25.00	45.76	46.76	46.48	46.93	0.004417	1.83	13.69	14.50	0.60
Saleta	15.250*	Q=25	25.00	45.66	46.67	46.39	46.84	0.004275	1.81	13.83	14.50	0.59
Saleta	15	Q=25	25.00	45.57	46.59	46.30	46.76	0.004054	1.78	14.05	14.50	0.58
Saleta	14		Bridge									
Saleta	13	Q=25	25.00	45.56	46.56	46.28	46.73	0.004364	1.82	13.74	14.50	0.60
Saleta	12.875*	Q=25	25.00	45.51	46.52	46.24	46.69	0.004309	1.81	13.80	14.50	0.59
Saleta	12.750*	Q=25	25.00	45.47	46.48	46.20	46.65	0.004215	1.80	13.89	14.50	0.59
Saleta	12.625*	Q=25	25.00	45.42	46.45	46.15	46.61	0.004132	1.79	13.97	14.50	0.58
Saleta	12.500*	Q=25	25.00	45.38	46.41	46.11	46.57	0.004031	1.78	14.07	14.50	0.58
Saleta	12.375*	Q=25	25.00	45.34	46.37	46.06	46.53	0.003914	1.76	14.20	14.50	0.57
Saleta	12.250*	Q=25	25.00	45.29	46.34	46.02	46.49	0.003762	1.74	14.37	14.50	0.56
Saleta	12.125*	Q=25	25.00	45.25	46.31	45.97	46.46	0.003615	1.72	14.54	14.50	0.55
Saleta	12	Q=25	25.00	45.20	46.28	45.93	46.42	0.003457	1.70	14.74	14.50	0.54
Saleta	11		Bridge									
Saleta	10	Q=25	25.00	45.14	46.12	45.86	46.30	0.004695	1.86	13.45	14.50	0.62
Saleta	9.9600*	Q=25	25.00	45.09	46.07	45.82	46.25	0.004695	1.86	13.45	14.50	0.62
Saleta	9.9200*	Q=25	25.00	45.04	46.03	45.77	46.20	0.004695	1.86	13.45	14.50	0.62
Saleta	9.8800*	Q=25	25.00	44.99	45.98	45.72	46.16	0.004671	1.86	13.47	14.50	0.62
Saleta	9.8400*	Q=25	25.00	44.95	45.93	45.68	46.11	0.004666	1.86	13.47	14.50	0.61
Saleta	9.8000*	Q=25	25.00	44.90	45.89	45.63	46.06	0.004660	1.86	13.48	14.50	0.61
Saleta	9.7600*	Q=25	25.00	44.85	45.84	45.58	46.02	0.004653	1.85	13.48	14.50	0.61
Saleta	9.7200*	Q=25	25.00	44.81	45.80	45.53	45.97	0.004640	1.85	13.49	14.50	0.61
Saleta	9.6800*	Q=25	25.00	44.76	45.75	45.49	45.92	0.004629	1.85	13.50	14.50	0.61
Saleta	9.6400*	Q=25	25.00	44.71	45.70	45.44	45.88	0.004598	1.85	13.53	14.50	0.61
Saleta	9.6	Q=25	25.00	44.66	45.66	45.39	45.83	0.004581	1.85	13.55	14.50	0.61
Saleta	9.5		Bridge									
Saleta	9.4	Q=25	25.00	44.65	45.64	45.38	45.81	0.004575	1.84	13.55	14.50	0.61
Saleta	9.2429*	Q=25	25.00	44.60	45.60	45.33	45.77	0.004553	1.84	13.57	14.50	0.61
Saleta	9.0857*	Q=25	25.00	44.56	45.56	45.29	45.73	0.004518	1.84	13.60	14.50	0.61
Saleta	8.9286*	Q=25	25.00	44.52	45.52	45.24	45.69	0.004481	1.83	13.64	14.50	0.60
Saleta	8.7714*	Q=25	25.00	44.47	45.47	45.20	45.64	0.004455	1.83	13.66	14.50	0.60
Saleta	8.6143*	Q=25	25.00	44.43	45.43	45.16	45.60	0.004398	1.82	13.71	14.50	0.60
Saleta	8.4571*	Q=25	25.00	44.38	45.39	45.11	45.56	0.004334	1.82	13.77	14.50	0.59
Saleta	8.3	Q=25	25.00	44.34	45.35	45.07	45.52	0.004261	1.81	13.84	14.50	0.59
Saleta	8.2		Bridge									
Saleta	8.1	Q=25	25.00	44.32	45.34	45.05	45.51	0.004239	1.80	13.86	14.50	0.59
Saleta	8.0889*	Q=25	25.00	44.28	45.30	45.01	45.47	0.004161	1.79	13.94	14.50	0.58
Saleta	8.0778*	Q=25	25.00	44.24	45.27	44.97	45.43	0.004066	1.78	14.04	14.50	0.58
Saleta	8.0667*	Q=25	25.00	44.20	45.23	44.92	45.39	0.003960	1.77	14.15	14.50	0.57
Saleta	8.0556*	Q=25	25.00	44.15	45.20	44.88	45.35	0.003832	1.75	14.29	14.50	0.56
Saleta	8.0444*	Q=25	25.00	44.11	45.17	44.84	45.32	0.003691	1.73	14.45	14.50	0.55
Saleta	8.0333*	Q=25	25.00	44.07	45.14	44.80	45.28	0.003538	1.71	14.64	14.50	0.54
Saleta	8.0222*	Q=25	25.00	44.02	45.11	44.75	45.25	0.003375	1.68	14.85	14.50	0.53
Saleta	8.0111*	Q=25	25.00	43.98	45.08	44.71	45.22	0.003203	1.66	15.08	14.50	0.52
Saleta	8	Q=25	25.00	43.94	45.05	44.67	45.19	0.003023	1.63	15.34	14.50	0.51
Saleta	7.5		Bridge									
Saleta	7	Q=25	25.00	43.93	45.03	44.66	45.17	0.003208	1.66	15.07	14.50	0.52
Saleta	6.8750*	Q=25	25.00	43.91	45.01	44.64	45.15	0.003231	1.66	15.04	14.50	0.52
Saleta	6.7500*	Q=25	25.00	43.90	44.99	44.63	45.14	0.003261	1.67	15.00	14.50	0.52
Saleta	6.6250*	Q=25	25.00	43.89	44.98	44.62	45.12	0.003296	1.67	14.95	14.50	0.53
Saleta	6.5000*	Q=25	25.00	43.88	44.96	44.60	45.11	0.003317	1.68	14.92	14.50	0.53
Saleta	6.3750*	Q=25	25.00	43.86	44.95	44.59	45.09	0.003354	1.68	14.87	14.50	0.53
Saleta	6.2500*	Q=25	25.00	43.85	44.93	44.58	45.07	0.003398	1.69	14.81	14.50	0.53
Saleta	6.1250*	Q=25	25.00	43.84	44.91	44.56	45.06	0.003442	1.69	14.76	14.50	0.54
Saleta	6	Q=25	25.00	43.82	44.90	44.55	45.04	0.003481	1.70	14.71	14.50	0.54
Saleta	5.8750*	Q=25	25.00	43.81	44.88	44.54	45.03	0.003528	1.71	14.65	14.50	0.54
Saleta	5.7500*	Q=25	25.00	43.80	44.86	44.52	45.01	0.003590	1.72	14.57	14.50	0.55
Saleta	5.6250*	Q=25	25.00	43.78	44.84	44.51	44.99	0.003654	1.72	14.50	14.50	0.55
Saleta	5.5000*	Q=25	25.00	43.77	44.82	44.50	44.98	0.003709	1.73	14.43	14.50	0.55
Saleta	5.3750*	Q=25	25.00	43.76	44.80	44.48	44.96	0.003787	1.74	14.34	14.50	0.56
Saleta	5.2500*	Q=25	25.00	43.74	44.78	44.47	44.94	0.003879	1.76	14.24	14.50	0.57
Saleta	5.1250*	Q=25	25.00	43.73	44.76	44.46	44.92	0.003960	1.77	14.15	14.50	0.57
Saleta	5	Q=25	25.00	43.72	44.74	44.44	44.90	0.004077	1.78	14.03	14.50	0.58
Saleta	4.8333*	Q=25	25.00	43.71	44.73	44.44	44.90	0.004132	1.79	13.97	14.50	0.58
Saleta	4.6667*	Q=25	25.00	43.70	44.72	44.43	44.89	0.004191	1.80	13.91	14.50	0.59

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=25 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	Q=25	25.00	43.70	44.71	44.43	44.88	0.004255	1.81	13.85	14.50	0.59
Saleta	4.3333*	Q=25	25.00	43.69	44.70	44.42	44.87	0.004324	1.81	13.78	14.50	0.59
Saleta	4.1667*	Q=25	25.00	43.69	44.69	44.41	44.86	0.004401	1.82	13.71	14.50	0.60
Saleta	4	Q=25	25.00	43.68	44.68	44.41	44.85	0.004468	1.83	13.65	14.50	0.60
Saleta	3.8333*	Q=25	25.00	43.67	44.65	44.39	44.83	0.004673	1.86	13.46	14.50	0.62
Saleta	3.6667*	Q=25	25.00	43.65	44.62	44.38	44.80	0.004955	1.89	13.23	14.50	0.63
Saleta	3.5000*	Q=25	25.00	43.64	44.59	44.37	44.78	0.005325	1.93	12.95	14.50	0.65
Saleta	3.3333*	Q=25	25.00	43.62	44.55	44.35	44.75	0.005870	1.99	12.57	14.50	0.68
Saleta	3.1667*	Q=25	25.00	43.61	44.50	44.34	44.72	0.006748	2.07	12.06	14.50	0.73
Saleta	3	Q=25	25.00	43.59	44.32	44.32	44.66	0.013896	2.57	9.71	14.50	1.00
Saleta	2.8750*	Q=25	25.00	43.38	43.93	44.11	44.57	0.041055	3.56	7.02	14.50	1.64
Saleta	2.7500*	Q=25	25.00	43.18	43.68	43.90	44.44	0.054124	3.87	6.46	14.50	1.85
Saleta	2.6250*	Q=25	25.00	42.97	43.45	43.70	44.29	0.063512	4.06	6.15	14.50	1.99
Saleta	2.5000*	Q=25	25.00	42.76	43.23	43.49	44.12	0.069908	4.18	5.98	14.50	2.08
Saleta	2.3750*	Q=25	25.00	42.55	43.01	43.28	43.94	0.074235	4.26	5.87	14.50	2.14
Saleta	2.2500*	Q=25	25.00	42.34	42.80	43.07	43.74	0.076963	4.30	5.81	14.50	2.17
Saleta	2.1250*	Q=25	25.00	42.13	42.59	42.86	43.55	0.079102	4.34	5.76	14.50	2.20
Saleta	2	Q=25	25.00	41.92	42.38	42.65	43.35	0.080713	4.36	5.73	14.50	2.22
Saleta	1.9167*	Q=25	25.00	41.85	42.29	42.56	43.27	0.082729	4.40	5.69	14.50	2.24
Saleta	1.8333*	Q=25	25.00	41.77	42.20	42.48	43.19	0.083722	4.41	5.66	14.50	2.25
Saleta	1.7500*	Q=25	25.00	41.69	42.11	42.39	43.11	0.084671	4.43	5.65	14.50	2.27
Saleta	1.6667*	Q=25	25.00	41.61	42.03	42.31	43.03	0.085467	4.44	5.63	14.50	2.28
Saleta	1.5833*	Q=25	25.00	41.54	41.95	42.23	42.96	0.086034	4.45	5.62	14.50	2.28
Saleta	1.5000*	Q=25	25.00	41.46	41.86	42.14	42.88	0.086460	4.46	5.61	14.50	2.29
Saleta	1.4167*	Q=25	25.00	41.38	41.78	42.06	42.79	0.086362	4.46	5.61	14.50	2.29
Saleta	1.3333*	Q=25	25.00	41.31	41.70	41.98	42.72	0.086830	4.46	5.60	14.50	2.29
Saleta	1.2500*	Q=25	25.00	41.23	41.62	41.90	42.64	0.086728	4.46	5.60	14.50	2.29
Saleta	1.1667*	Q=25	25.00	41.15	41.54	41.83	42.56	0.086531	4.46	5.61	14.50	2.29
Saleta	1.0833*	Q=25	25.00	41.08	41.47	41.75	42.47	0.085617	4.45	5.62	14.50	2.28
Saleta	1	Q=25	25.00	41.00	41.39	41.67	42.39	0.085309	4.44	5.63	14.50	2.28
Saleta	0.9		Culvert									
Saleta	0.7	Q=25	25.00	41.00	41.85	41.67	42.06	0.006269	2.03	12.32	14.50	0.70
Saleta	0.69412*	Q=25	25.00	40.91	41.76	41.58	41.97	0.006294	2.03	12.30	14.50	0.70
Saleta	0.68824*	Q=25	25.00	40.81	41.66	41.48	41.87	0.006266	2.03	12.32	14.50	0.70
Saleta	0.68235*	Q=25	25.00	40.72	41.57	41.39	41.78	0.006292	2.03	12.31	14.50	0.70
Saleta	0.67647*	Q=25	25.00	40.63	41.48	41.30	41.69	0.006275	2.03	12.32	14.50	0.70
Saleta	0.67059*	Q=25	25.00	40.54	41.39	41.21	41.60	0.006287	2.03	12.31	14.50	0.70
Saleta	0.66471*	Q=25	25.00	40.45	41.29	41.11	41.50	0.006267	2.03	12.32	14.50	0.70
Saleta	0.65882*	Q=25	25.00	40.35	41.20	41.02	41.41	0.006277	2.03	12.32	14.50	0.70
Saleta	0.65294*	Q=25	25.00	40.26	41.11	40.93	41.32	0.006291	2.03	12.31	14.50	0.70
Saleta	0.64706*	Q=25	25.00	40.17	41.02	40.84	41.23	0.006274	2.03	12.32	14.50	0.70
Saleta	0.64118*	Q=25	25.00	40.08	40.93	40.75	41.14	0.006285	2.03	12.31	14.50	0.70
Saleta	0.63529*	Q=25	25.00	39.98	40.83	40.65	41.04	0.006264	2.03	12.32	14.50	0.70
Saleta	0.62941*	Q=25	25.00	39.89	40.74	40.56	40.95	0.006267	2.03	12.32	14.50	0.70
Saleta	0.62353*	Q=25	25.00	39.80	40.65	40.47	40.86	0.006236	2.03	12.34	14.50	0.70
Saleta	0.61765*	Q=25	25.00	39.71	40.56	40.38	40.77	0.006223	2.02	12.35	14.50	0.70
Saleta	0.61176*	Q=25	25.00	39.61	40.47	40.28	40.67	0.006169	2.02	12.38	14.50	0.70
Saleta	0.60588*	Q=25	25.00	39.52	40.38	40.19	40.58	0.006119	2.01	12.41	14.50	0.70
Saleta	0.6	Q=25	25.00	39.43	40.29	40.10	40.49	0.006002	2.00	12.48	14.50	0.69

Análisis de la problemática de inundabilidad en el municipio del Aldaia y propuesta de soluciones.

7. Situación Q=50

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 50 m³/seg.

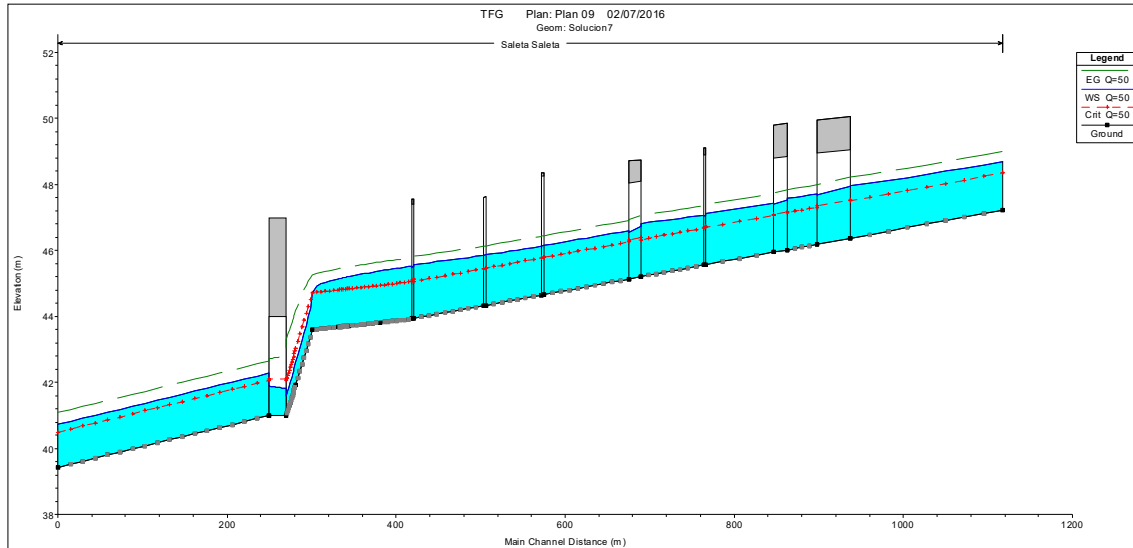


Figura 7.1. Sección longitudinal de la solución propuesta para Q = 50m³/seg.

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=50

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	Q=50	50.00	47.22	48.70	48.35	49.00	0.004589	2.44	20.52	14.50	0.65
Saleta	21.875*	Q=50	50.00	47.12	48.60	48.24	48.90	0.004542	2.43	20.58	14.50	0.65
Saleta	21.750*	Q=50	50.00	47.01	48.49	48.14	48.79	0.004484	2.42	20.66	14.50	0.65
Saleta	21.625*	Q=50	50.00	46.91	48.40	48.03	48.69	0.004393	2.41	20.79	14.50	0.64
Saleta	21.500*	Q=50	50.00	46.80	48.30	47.92	48.59	0.004258	2.38	20.99	14.50	0.63
Saleta	21.375*	Q=50	50.00	46.69	48.21	47.82	48.50	0.004099	2.36	21.23	14.50	0.62
Saleta	21.250*	Q=50	50.00	46.59	48.13	47.71	48.40	0.003901	2.32	21.54	14.50	0.61
Saleta	21.125*	Q=50	50.00	46.48	48.05	47.60	48.32	0.003666	2.28	21.95	14.50	0.59
Saleta	21	Q=50	50.00	46.37	47.98	47.50	48.23	0.003400	2.23	22.45	14.50	0.57
Saleta	20		Bridge									
Saleta	19	Q=50	50.00	46.19	47.71	47.31	47.99	0.004085	2.35	21.25	14.50	0.62
Saleta	18.750*	Q=50	50.00	46.14	47.68	47.27	47.95	0.004020	2.34	21.35	14.50	0.62
Saleta	18.500*	Q=50	50.00	46.10	47.64	47.23	47.92	0.003955	2.33	21.46	14.50	0.61
Saleta	18.250*	Q=50	50.00	46.06	47.61	47.19	47.88	0.003861	2.31	21.61	14.50	0.61
Saleta	18	Q=50	50.00	46.02	47.58	47.15	47.85	0.003777	2.30	21.76	14.50	0.60
Saleta	17		Bridge									
Saleta	16	Q=50	50.00	45.94	47.44	47.07	47.73	0.004392	2.40	20.79	14.50	0.64
Saleta	15.750*	Q=50	50.00	45.85	47.35	46.97	47.64	0.004280	2.39	20.95	14.50	0.63
Saleta	15.500*	Q=50	50.00	45.76	47.27	46.88	47.56	0.004151	2.36	21.15	14.50	0.63
Saleta	15.250*	Q=50	50.00	45.66	47.20	46.79	47.47	0.003992	2.34	21.40	14.50	0.61
Saleta	15	Q=50	50.00	45.57	47.12	46.69	47.39	0.003791	2.30	21.73	14.50	0.60
Saleta	14		Bridge									
Saleta	13	Q=50	50.00	45.56	47.08	46.68	47.36	0.004106	2.36	21.22	14.50	0.62
Saleta	12.875*	Q=50	50.00	45.51	47.04	46.64	47.32	0.004045	2.35	21.31	14.50	0.62
Saleta	12.750*	Q=50	50.00	45.47	47.01	46.59	47.28	0.003951	2.33	21.46	14.50	0.61
Saleta	12.625*	Q=50	50.00	45.42	46.97	46.55	47.24	0.003865	2.31	21.60	14.50	0.61
Saleta	12.500*	Q=50	50.00	45.38	46.94	46.50	47.21	0.003769	2.30	21.77	14.50	0.60
Saleta	12.375*	Q=50	50.00	45.34	46.91	46.46	47.17	0.003671	2.28	21.94	14.50	0.59
Saleta	12.250*	Q=50	50.00	45.29	46.88	46.41	47.14	0.003553	2.26	22.16	14.50	0.58
Saleta	12.125*	Q=50	50.00	45.25	46.85	46.37	47.10	0.003443	2.24	22.37	14.50	0.57
Saleta	12	Q=50	50.00	45.20	46.82	46.33	47.07	0.003328	2.21	22.60	14.50	0.57
Saleta	11		Bridge									
Saleta	10	Q=50	50.00	45.14	46.61	46.26	46.91	0.004626	2.44	20.47	14.50	0.66
Saleta	9.9600*	Q=50	50.00	45.09	46.56	46.21	46.86	0.004618	2.44	20.48	14.50	0.66
Saleta	9.9200*	Q=50	50.00	45.04	46.51	46.17	46.82	0.004609	2.44	20.49	14.50	0.66
Saleta	9.8800*	Q=50	50.00	44.99	46.47	46.12	46.77	0.004584	2.44	20.53	14.50	0.65
Saleta	9.8400*	Q=50	50.00	44.95	46.42	46.07	46.72	0.004570	2.43	20.55	14.50	0.65
Saleta	9.8000*	Q=50	50.00	44.90	46.38	46.02	46.68	0.004555	2.43	20.57	14.50	0.65
Saleta	9.7600*	Q=50	50.00	44.85	46.33	45.98	46.63	0.004539	2.43	20.59	14.50	0.65
Saleta	9.7200*	Q=50	50.00	44.81	46.29	45.93	46.59	0.004517	2.43	20.62	14.50	0.65
Saleta	9.6800*	Q=50	50.00	44.76	46.24	45.88	46.54	0.004496	2.42	20.65	14.50	0.65
Saleta	9.6400*	Q=50	50.00	44.71	46.20	45.84	46.49	0.004455	2.42	20.70	14.50	0.65
Saleta	9.6	Q=50	50.00	44.66	46.15	45.79	46.45	0.004429	2.41	20.74	14.50	0.64
Saleta	9.5		Bridge									
Saleta	9.4	Q=50	50.00	44.65	46.14	45.77	46.43	0.004420	2.41	20.75	14.50	0.64
Saleta	9.2429*	Q=50	50.00	44.60	46.10	45.73	46.39	0.004391	2.40	20.79	14.50	0.64
Saleta	9.0857*	Q=50	50.00	44.56	46.06	45.68	46.35	0.004346	2.40	20.86	14.50	0.64
Saleta	8.9286*	Q=50	50.00	44.52	46.02	45.64	46.31	0.004299	2.39	20.93	14.50	0.64
Saleta	8.7714*	Q=50	50.00	44.47	45.98	45.60	46.27	0.004260	2.38	20.98	14.50	0.63
Saleta	8.6143*	Q=50	50.00	44.43	45.94	45.55	46.23	0.004202	2.37	21.07	14.50	0.63
Saleta	8.4571*	Q=50	50.00	44.38	45.90	45.51	46.19	0.004142	2.36	21.16	14.50	0.62
Saleta	8.3	Q=50	50.00	44.34	45.87	45.47	46.15	0.004076	2.35	21.26	14.50	0.62
Saleta	8.2		Bridge									
Saleta	8.1	Q=50	50.00	44.32	45.85	45.45	46.13	0.004057	2.35	21.29	14.50	0.62
Saleta	8.0889*	Q=50	50.00	44.28	45.82	45.41	46.09	0.003990	2.34	21.40	14.50	0.61
Saleta	8.0778*	Q=50	50.00	44.24	45.78	45.36	46.06	0.003906	2.32	21.54	14.50	0.61
Saleta	8.0667*	Q=50	50.00	44.20	45.75	45.32	46.02	0.003815	2.31	21.69	14.50	0.60
Saleta	8.0556*	Q=50	50.00	44.15	45.72	45.28	45.99	0.003718	2.29	21.86	14.50	0.59
Saleta	8.0444*	Q=50	50.00	44.11	45.69	45.23	45.95	0.003616	2.27	22.04	14.50	0.59
Saleta	8.0333*	Q=50	50.00	44.07	45.66	45.19	45.92	0.003508	2.25	22.24	14.50	0.58
Saleta	8.0222*	Q=50	50.00	44.02	45.63	45.15	45.88	0.003396	2.23	22.46	14.50	0.57
Saleta	8.0111*	Q=50	50.00	43.98	45.60	45.11	45.85	0.003280	2.20	22.69	14.50	0.56
Saleta	8	Q=50	50.00	43.94	45.58	45.06	45.82	0.003159	2.18	22.95	14.50	0.55
Saleta	7.5		Bridge									
Saleta	7	Q=50	50.00	43.93	45.53	45.05	45.78	0.003447	2.24	22.36	14.50	0.58
Saleta	6.8750*	Q=50	50.00	43.91	45.51	45.04	45.77	0.003476	2.24	22.30	14.50	0.58
Saleta	6.7500*	Q=50	50.00	43.90	45.49	45.03	45.75	0.003511	2.25	22.24	14.50	0.58
Saleta	6.6250*	Q=50	50.00	43.89	45.48	45.01	45.74	0.003551	2.26	22.16	14.50	0.58
Saleta	6.5000*	Q=50	50.00	43.88	45.46	45.00	45.72	0.003580	2.26	22.11	14.50	0.58
Saleta	6.3750*	Q=50	50.00	43.86	45.44	44.99	45.70	0.003622	2.27	22.03	14.50	0.59
Saleta	6.2500*	Q=50	50.00	43.85	45.42	44.97	45.69	0.003670	2.28	21.94	14.50	0.59
Saleta	6.1250*	Q=50	50.00	43.84	45.40	44.96	45.67	0.003719	2.29	21.86	14.50	0.60
Saleta	6	Q=50	50.00	43.82	45.38	44.95	45.65	0.003764	2.30	21.78	14.50	0.60
Saleta	5.8750*	Q=50	50.00	43.81	45.36	44.93	45.63	0.003817	2.31	21.69	14.50	0.60
Saleta	5.7500*	Q=50	50.00	43.80	45.34	44.92	45.62	0.003881	2.32	21.58	14.50	0.61
Saleta	5.6250*	Q=50	50.00	43.78	45.32	44.91	45.60	0.003948	2.33	21.47	14.50	0.61
Saleta	5.5000*	Q=50	50.00	43.77	45.30	44.89	45.58	0.004008	2.34	21.37	14.50	0.62
Saleta	5.3750*	Q=50	50.00	43.76	45.28	44.88	45.56	0.004088	2.35	21.25	14.50	0.62
Saleta	5.2500*	Q=50	50.00	43.74	45.26	44.87	45.54	0.004177	2.37	21.11	14.50	0.63
Saleta	5.1250*	Q=50	50.00	43.73	45.23	44.85	45.52	0.004260	2.38	20.98	14.50	0.63
Saleta	5	Q=50	50.00	43.72	45.21	44.84	45.50	0.004380	2.40	20.81	14.50	0.64
Saleta	4.8333*	Q=50	50.00	43.71	45.20	44.83	45.50	0.004432	2.41	20.74	14.50	0.64
Saleta	4.6667*	Q=50	50.00	43.70	45.19	44.83	45.49	0.004487	2.42	20.66	14.50	0.65

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=50 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	Q=50	50.00	43.70	45.18	44.82	45.48	0.004546	2.43	20.58	14.50	0.65
Saleta	4.3333*	Q=50	50.00	43.69	45.16	44.82	45.47	0.004608	2.44	20.49	14.50	0.66
Saleta	4.1667*	Q=50	50.00	43.69	45.15	44.81	45.46	0.004677	2.45	20.40	14.50	0.66
Saleta	4	Q=50	50.00	43.68	45.14	44.80	45.45	0.004737	2.46	20.33	14.50	0.66
Saleta	3.8333*	Q=50	50.00	43.67	45.11	44.79	45.42	0.004932	2.49	20.08	14.50	0.68
Saleta	3.6667*	Q=50	50.00	43.65	45.07	44.78	45.40	0.005190	2.53	19.78	14.50	0.69
Saleta	3.5000*	Q=50	50.00	43.64	45.03	44.76	45.37	0.005518	2.58	19.42	14.50	0.71
Saleta	3.3333*	Q=50	50.00	43.62	44.99	44.75	45.34	0.005977	2.64	18.96	14.50	0.74
Saleta	3.1667*	Q=50	50.00	43.61	44.93	44.73	45.31	0.006691	2.73	18.33	14.50	0.78
Saleta	3	Q=50	50.00	43.59	44.72	44.72	45.25	0.011793	3.23	15.46	14.50	1.00
Saleta	2.8750*	Q=50	50.00	43.38	44.26	44.51	45.17	0.028825	4.23	11.82	14.50	1.50
Saleta	2.7500*	Q=50	50.00	43.18	43.98	44.30	45.07	0.038695	4.62	10.82	14.50	1.71
Saleta	2.6250*	Q=50	50.00	42.97	43.73	44.09	44.95	0.046899	4.89	10.22	14.50	1.86
Saleta	2.5000*	Q=50	50.00	42.76	43.49	43.88	44.82	0.053637	5.09	9.81	14.50	1.98
Saleta	2.3750*	Q=50	50.00	42.55	43.26	43.67	44.67	0.059162	5.25	9.53	14.50	2.07
Saleta	2.2500*	Q=50	50.00	42.34	43.04	43.46	44.51	0.063535	5.36	9.33	14.50	2.13
Saleta	2.1250*	Q=50	50.00	42.13	42.82	43.26	44.34	0.067266	5.45	9.17	14.50	2.19
Saleta	2	Q=50	50.00	41.92	42.60	43.05	44.16	0.070327	5.53	9.05	14.50	2.23
Saleta	1.9167*	Q=50	50.00	41.85	42.51	42.96	44.09	0.072065	5.57	8.98	14.50	2.26
Saleta	1.8333*	Q=50	50.00	41.77	42.43	42.87	44.03	0.073570	5.60	8.93	14.50	2.28
Saleta	1.7500*	Q=50	50.00	41.69	42.34	42.79	43.96	0.075115	5.64	8.87	14.50	2.30
Saleta	1.6667*	Q=50	50.00	41.61	42.25	42.70	43.89	0.076420	5.67	8.82	14.50	2.32
Saleta	1.5833*	Q=50	50.00	41.54	42.16	42.62	43.81	0.077248	5.69	8.79	14.50	2.33
Saleta	1.5000*	Q=50	50.00	41.46	42.08	42.54	43.74	0.078033	5.70	8.77	14.50	2.34
Saleta	1.4167*	Q=50	50.00	41.38	42.00	42.46	43.66	0.078746	5.72	8.74	14.50	2.35
Saleta	1.3333*	Q=50	50.00	41.31	41.92	42.38	43.59	0.079367	5.73	8.72	14.50	2.36
Saleta	1.2500*	Q=50	50.00	41.23	41.83	42.30	43.52	0.079858	5.74	8.70	14.50	2.37
Saleta	1.1667*	Q=50	50.00	41.15	41.76	42.22	43.44	0.080289	5.75	8.69	14.50	2.37
Saleta	1.0833*	Q=50	50.00	41.08	41.68	42.14	43.37	0.080649	5.76	8.68	14.50	2.38
Saleta	1	Q=50	50.00	41.00	41.60	42.06	43.29	0.080706	5.76	8.68	14.50	2.38
Saleta	0.9		Culvert									
Saleta	0.7	Q=50	50.00	41.00	42.29	42.06	42.65	0.006270	2.68	18.67	14.50	0.75
Saleta	0.69412*	Q=50	50.00	40.91	42.19	41.97	42.56	0.006286	2.68	18.66	14.50	0.75
Saleta	0.68824*	Q=50	50.00	40.81	42.10	41.88	42.47	0.006268	2.68	18.67	14.50	0.75
Saleta	0.68235*	Q=50	50.00	40.72	42.01	41.79	42.38	0.006284	2.68	18.66	14.50	0.75
Saleta	0.67647*	Q=50	50.00	40.63	41.92	41.69	42.28	0.006272	2.68	18.67	14.50	0.75
Saleta	0.67059*	Q=50	50.00	40.54	41.83	41.60	42.19	0.006278	2.68	18.66	14.50	0.75
Saleta	0.66471*	Q=50	50.00	40.45	41.73	41.51	42.10	0.006265	2.68	18.68	14.50	0.75
Saleta	0.65882*	Q=50	50.00	40.35	41.64	41.42	42.01	0.006268	2.68	18.67	14.50	0.75
Saleta	0.65294*	Q=50	50.00	40.26	41.55	41.32	41.91	0.006271	2.68	18.67	14.50	0.75
Saleta	0.64706*	Q=50	50.00	40.17	41.46	41.23	41.82	0.006256	2.68	18.69	14.50	0.75
Saleta	0.64118*	Q=50	50.00	40.08	41.36	41.14	41.73	0.006254	2.68	18.69	14.50	0.75
Saleta	0.63529*	Q=50	50.00	39.98	41.27	41.05	41.64	0.006233	2.67	18.70	14.50	0.75
Saleta	0.62941*	Q=50	50.00	39.89	41.18	40.95	41.55	0.006226	2.67	18.71	14.50	0.75
Saleta	0.62353*	Q=50	50.00	39.80	41.09	40.86	41.45	0.006196	2.67	18.74	14.50	0.75
Saleta	0.61765*	Q=50	50.00	39.71	41.00	40.77	41.36	0.006177	2.67	18.76	14.50	0.75
Saleta	0.61176*	Q=50	50.00	39.61	40.91	40.68	41.27	0.006133	2.66	18.80	14.50	0.75
Saleta	0.60588*	Q=50	50.00	39.52	40.82	40.58	41.18	0.006094	2.66	18.83	14.50	0.74
Saleta	0.6	Q=50	50.00	39.43	40.73	40.49	41.09	0.006004	2.64	18.92	14.50	0.74

Análisis de la problemática de inundabilidad en el municipio del Aldaia y propuesta de soluciones.

8. Situación Q=75

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 75 m³/seg.

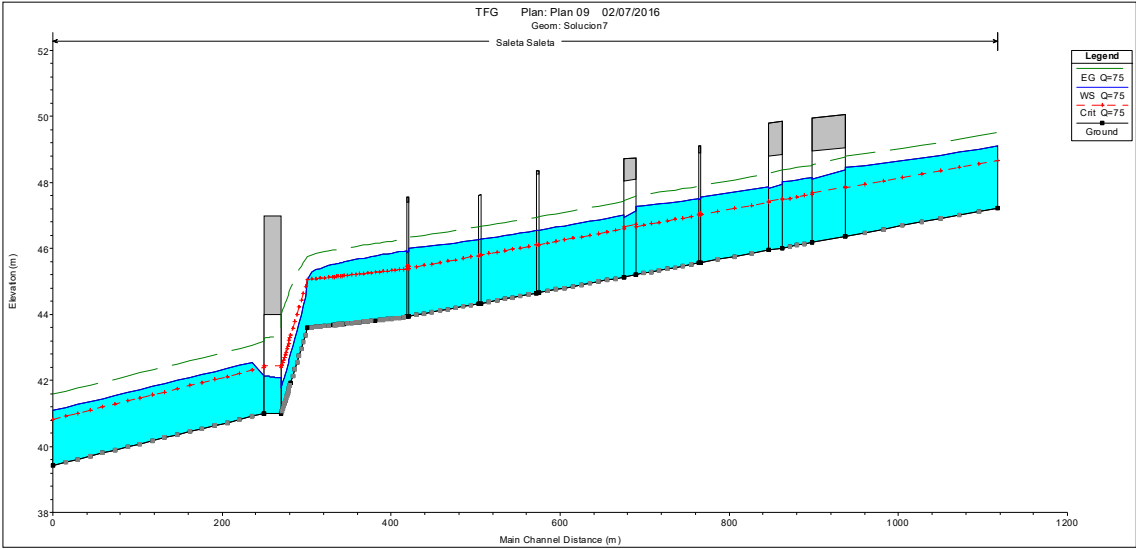


Figura 8.1. Sección longitudinal de la solución propuesta para Q = 75m³/seg.

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=75

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	Q=75	75.00	47.22	49.10	48.68	49.51	0.004444	2.84	26.43	14.50	0.67
Saleta	21.875*	Q=75	75.00	47.12	49.01	48.57	49.41	0.004363	2.82	26.57	14.50	0.67
Saleta	21.750*	Q=75	75.00	47.01	48.91	48.47	49.32	0.004264	2.80	26.76	14.50	0.66
Saleta	21.625*	Q=75	75.00	46.91	48.83	48.36	49.22	0.004140	2.78	26.99	14.50	0.65
Saleta	21.500*	Q=75	75.00	46.80	48.74	48.25	49.12	0.003980	2.75	27.31	14.50	0.64
Saleta	21.375*	Q=75	75.00	46.69	48.66	48.15	49.03	0.003804	2.71	27.69	14.50	0.63
Saleta	21.250*	Q=75	75.00	46.59	48.58	48.04	48.95	0.003605	2.67	28.14	14.50	0.61
Saleta	21.125*	Q=75	75.00	46.48	48.52	47.94	48.86	0.003387	2.62	28.67	14.50	0.59
Saleta	21	Q=75	75.00	46.37	48.45	47.83	48.79	0.003155	2.56	29.28	14.50	0.58
Saleta	20		Bridge									
Saleta	19	Q=75	75.00	46.19	48.14	47.64	48.52	0.003863	2.72	27.56	14.50	0.63
Saleta	18.750*	Q=75	75.00	46.14	48.11	47.60	48.49	0.003791	2.71	27.72	14.50	0.63
Saleta	18.500*	Q=75	75.00	46.10	48.08	47.56	48.45	0.003719	2.69	27.88	14.50	0.62
Saleta	18.250*	Q=75	75.00	46.06	48.06	47.52	48.42	0.003633	2.67	28.07	14.50	0.61
Saleta	18	Q=75	75.00	46.02	48.03	47.48	48.39	0.003555	2.65	28.26	14.50	0.61
Saleta	17		Bridge									
Saleta	16	Q=75	75.00	45.94	47.86	47.40	48.25	0.004210	2.79	26.86	14.50	0.66
Saleta	15.750*	Q=75	75.00	45.85	47.78	47.31	48.17	0.004087	2.77	27.10	14.50	0.65
Saleta	15.500*	Q=75	75.00	45.76	47.70	47.21	48.09	0.003950	2.74	27.38	14.50	0.64
Saleta	15.250*	Q=75	75.00	45.66	47.63	47.12	48.01	0.003795	2.71	27.71	14.50	0.63
Saleta	15	Q=75	75.00	45.57	47.57	47.02	47.93	0.003611	2.67	28.12	14.50	0.61
Saleta	14		Bridge									
Saleta	13	Q=75	75.00	45.56	47.51	47.01	47.89	0.003923	2.73	27.43	14.50	0.63
Saleta	12.875*	Q=75	75.00	45.51	47.47	46.97	47.85	0.003855	2.72	27.58	14.50	0.63
Saleta	12.750*	Q=75	75.00	45.47	47.44	46.92	47.81	0.003769	2.70	27.76	14.50	0.62
Saleta	12.625*	Q=75	75.00	45.42	47.41	46.88	47.78	0.003690	2.68	27.94	14.50	0.62
Saleta	12.500*	Q=75	75.00	45.38	47.38	46.83	47.74	0.003605	2.67	28.14	14.50	0.61
Saleta	12.375*	Q=75	75.00	45.34	47.35	46.79	47.71	0.003518	2.65	28.34	14.50	0.60
Saleta	12.250*	Q=75	75.00	45.29	47.32	46.75	47.67	0.003419	2.62	28.59	14.50	0.60
Saleta	12.125*	Q=75	75.00	45.25	47.29	46.70	47.64	0.003327	2.60	28.82	14.50	0.59
Saleta	12	Q=75	75.00	45.20	47.27	46.66	47.61	0.003232	2.58	29.08	14.50	0.58
Saleta	11		Bridge									
Saleta	10	Q=75	75.00	45.14	47.00	46.59	47.42	0.004564	2.86	26.21	14.50	0.68
Saleta	9.9600*	Q=75	75.00	45.09	46.96	46.54	47.37	0.004552	2.86	26.24	14.50	0.68
Saleta	9.9200*	Q=75	75.00	45.04	46.91	46.50	47.33	0.004539	2.86	26.26	14.50	0.68
Saleta	9.8800*	Q=75	75.00	44.99	46.87	46.45	47.28	0.004509	2.85	26.31	14.50	0.68
Saleta	9.8400*	Q=75	75.00	44.95	46.82	46.40	47.24	0.004492	2.85	26.34	14.50	0.67
Saleta	9.8000*	Q=75	75.00	44.90	46.78	46.36	47.19	0.004474	2.84	26.37	14.50	0.67
Saleta	9.7600*	Q=75	75.00	44.85	46.73	46.31	47.14	0.004455	2.84	26.41	14.50	0.67
Saleta	9.7200*	Q=75	75.00	44.81	46.69	46.26	47.10	0.004431	2.84	26.45	14.50	0.67
Saleta	9.6800*	Q=75	75.00	44.76	46.64	46.21	47.05	0.004408	2.83	26.49	14.50	0.67
Saleta	9.6400*	Q=75	75.00	44.71	46.60	46.17	47.01	0.004368	2.82	26.56	14.50	0.67
Saleta	9.6	Q=75	75.00	44.66	46.56	46.12	46.96	0.004335	2.82	26.62	14.50	0.66
Saleta	9.5		Bridge									
Saleta	9.4	Q=75	75.00	44.65	46.54	46.10	46.95	0.004326	2.82	26.64	14.50	0.66
Saleta	9.2429*	Q=75	75.00	44.60	46.50	46.06	46.91	0.004291	2.81	26.70	14.50	0.66
Saleta	9.0857*	Q=75	75.00	44.56	46.47	46.02	46.87	0.004248	2.80	26.79	14.50	0.66
Saleta	8.9286*	Q=75	75.00	44.52	46.43	45.97	46.82	0.004204	2.79	26.87	14.50	0.65
Saleta	8.7714*	Q=75	75.00	44.47	46.39	45.93	46.78	0.004165	2.78	26.94	14.50	0.65
Saleta	8.6143*	Q=75	75.00	44.43	46.35	45.88	46.74	0.004114	2.77	27.05	14.50	0.65
Saleta	8.4571*	Q=75	75.00	44.38	46.32	45.84	46.71	0.004052	2.76	27.17	14.50	0.64
Saleta	8.3	Q=75	75.00	44.34	46.28	45.80	46.67	0.003986	2.75	27.30	14.50	0.64
Saleta	8.2		Bridge									
Saleta	8.1	Q=75	75.00	44.32	46.27	45.78	46.65	0.003965	2.74	27.35	14.50	0.64
Saleta	8.0889*	Q=75	75.00	44.28	46.24	45.74	46.62	0.003899	2.73	27.48	14.50	0.63
Saleta	8.0778*	Q=75	75.00	44.24	46.20	45.69	46.58	0.003826	2.71	27.64	14.50	0.63
Saleta	8.0667*	Q=75	75.00	44.20	46.17	45.65	46.54	0.003748	2.70	27.81	14.50	0.62
Saleta	8.0556*	Q=75	75.00	44.15	46.14	45.61	46.51	0.003668	2.68	27.99	14.50	0.62
Saleta	8.0444*	Q=75	75.00	44.11	46.11	45.57	46.47	0.003584	2.66	28.19	14.50	0.61
Saleta	8.0333*	Q=75	75.00	44.07	46.08	45.52	46.44	0.003496	2.64	28.40	14.50	0.60
Saleta	8.0222*	Q=75	75.00	44.02	46.06	45.48	46.41	0.003406	2.62	28.62	14.50	0.60
Saleta	8.0111*	Q=75	75.00	43.98	46.03	45.44	46.37	0.003314	2.60	28.86	14.50	0.59
Saleta	8	Q=75	75.00	43.94	46.00	45.39	46.34	0.003217	2.58	29.12	14.50	0.58
Saleta	7.5		Bridge									
Saleta	7	Q=75	75.00	43.93	45.93	45.38	46.29	0.003595	2.66	28.16	14.50	0.61
Saleta	6.8750*	Q=75	75.00	43.91	45.91	45.37	46.27	0.003627	2.67	28.09	14.50	0.61
Saleta	6.7500*	Q=75	75.00	43.90	45.89	45.36	46.26	0.003663	2.68	28.00	14.50	0.62
Saleta	6.6250*	Q=75	75.00	43.89	45.87	45.34	46.24	0.003703	2.69	27.91	14.50	0.62
Saleta	6.5000*	Q=75	75.00	43.88	45.85	45.33	46.22	0.003735	2.69	27.84	14.50	0.62
Saleta	6.3750*	Q=75	75.00	43.86	45.83	45.32	46.21	0.003778	2.70	27.74	14.50	0.62
Saleta	6.2500*	Q=75	75.00	43.85	45.81	45.30	46.19	0.003827	2.71	27.64	14.50	0.63
Saleta	6.1250*	Q=75	75.00	43.84	45.79	45.29	46.17	0.003875	2.72	27.53	14.50	0.63
Saleta	6	Q=75	75.00	43.82	45.77	45.28	46.15	0.003921	2.73	27.44	14.50	0.63
Saleta	5.8750*	Q=75	75.00	43.81	45.75	45.26	46.14	0.003974	2.74	27.33	14.50	0.64
Saleta	5.7500*	Q=75	75.00	43.80	45.73	45.25	46.12	0.004037	2.76	27.20	14.50	0.64
Saleta	5.6250*	Q=75	75.00	43.78	45.71	45.24	46.10	0.004101	2.77	27.07	14.50	0.65
Saleta	5.5000*	Q=75	75.00	43.77	45.69	45.22	46.08	0.004161	2.78	26.95	14.50	0.65
Saleta	5.3750*	Q=75	75.00	43.76	45.66	45.21	46.06	0.004236	2.80	26.81	14.50	0.66
Saleta	5.2500*	Q=75	75.00	43.74	45.64	45.20	46.04	0.004329	2.82	26.63	14.50	0.66
Saleta	5.1250*	Q=75	75.00	43.73	45.61	45.18	46.02	0.004408	2.83	26.49	14.50	0.67
Saleta	5	Q=75	75.00	43.72	45.59	45.17	46.00	0.004520	2.85	26.29	14.50	0.68
Saleta	4.8333*	Q=75	75.00	43.71	45.58	45.17	45.99	0.004568	2.86	26.21	14.50	0.68
Saleta	4.6667*	Q=75	75.00	43.70	45.56	45.16	45.98	0.004618	2.87	26.12	14.50	0.68

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=75 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	Q=75	75.00	43.70	45.55	45.15	45.98	0.004671	2.88	26.03	14.50	0.69
Saleta	4.3333*	Q=75	75.00	43.69	45.54	45.15	45.97	0.004727	2.89	25.94	14.50	0.69
Saleta	4.1667*	Q=75	75.00	43.69	45.53	45.14	45.96	0.004788	2.90	25.84	14.50	0.69
Saleta	4	Q=75	75.00	43.68	45.51	45.14	45.95	0.004842	2.91	25.75	14.50	0.70
Saleta	3.8333*	Q=75	75.00	43.67	45.48	45.12	45.92	0.005028	2.95	25.46	14.50	0.71
Saleta	3.6667*	Q=75	75.00	43.65	45.44	45.11	45.90	0.005257	2.98	25.13	14.50	0.72
Saleta	3.5000*	Q=75	75.00	43.64	45.40	45.09	45.87	0.005556	3.03	24.71	14.50	0.74
Saleta	3.3333*	Q=75	75.00	43.62	45.35	45.08	45.84	0.005965	3.10	24.19	14.50	0.77
Saleta	3.1667*	Q=75	75.00	43.61	45.29	45.06	45.81	0.006573	3.19	23.50	14.50	0.80
Saleta	3	Q=75	75.00	43.59	45.05	45.05	45.75	0.010778	3.70	20.26	14.50	1.00
Saleta	2.8750*	Q=75	75.00	43.38	44.55	44.84	45.67	0.023655	4.69	16.00	14.50	1.42
Saleta	2.7500*	Q=75	75.00	43.18	44.25	44.63	45.58	0.031534	5.11	14.68	14.50	1.62
Saleta	2.6250*	Q=75	75.00	42.97	43.98	44.42	45.48	0.038236	5.41	13.86	14.50	1.77
Saleta	2.5000*	Q=75	75.00	42.76	43.73	44.21	45.36	0.044089	5.65	13.28	14.50	1.89
Saleta	2.3750*	Q=75	75.00	42.55	43.49	44.00	45.23	0.049251	5.84	12.84	14.50	1.98
Saleta	2.2500*	Q=75	75.00	42.34	43.26	43.80	45.09	0.053774	6.00	12.51	14.50	2.06
Saleta	2.1250*	Q=75	75.00	42.13	43.03	43.59	44.95	0.057628	6.12	12.25	14.50	2.13
Saleta	2	Q=75	75.00	41.92	42.81	43.38	44.79	0.061067	6.23	12.04	14.50	2.18
Saleta	1.9167*	Q=75	75.00	41.85	42.72	43.29	44.73	0.062757	6.28	11.94	14.50	2.21
Saleta	1.8333*	Q=75	75.00	41.77	42.63	43.21	44.67	0.064289	6.33	11.85	14.50	2.23
Saleta	1.7500*	Q=75	75.00	41.69	42.54	43.12	44.61	0.065732	6.37	11.77	14.50	2.26
Saleta	1.6667*	Q=75	75.00	41.61	42.45	43.04	44.54	0.067063	6.41	11.70	14.50	2.28
Saleta	1.5833*	Q=75	75.00	41.54	42.36	42.95	44.48	0.068402	6.45	11.63	14.50	2.30
Saleta	1.5000*	Q=75	75.00	41.46	42.27	42.87	44.42	0.069600	6.48	11.57	14.50	2.32
Saleta	1.4167*	Q=75	75.00	41.38	42.19	42.79	44.35	0.070659	6.51	11.52	14.50	2.33
Saleta	1.3333*	Q=75	75.00	41.31	42.11	42.71	44.28	0.071399	6.53	11.48	14.50	2.34
Saleta	1.2500*	Q=75	75.00	41.23	42.02	42.63	44.21	0.072077	6.55	11.45	14.50	2.35
Saleta	1.1667*	Q=75	75.00	41.15	41.94	42.55	44.14	0.072724	6.57	11.42	14.50	2.36
Saleta	1.0833*	Q=75	75.00	41.08	41.86	42.47	44.07	0.073330	6.59	11.39	14.50	2.37
Saleta	1	Q=75	75.00	41.00	41.78	42.39	44.00	0.073877	6.60	11.36	14.50	2.38
Saleta	0.9		Culvert									
Saleta	0.7	Q=75	75.00	41.00	42.14	42.39	43.19	0.020960	4.52	16.58	14.50	1.35
Saleta	0.69412*	Q=75	75.00	40.91	42.55	42.30	43.06	0.006280	3.15	23.80	14.50	0.79
Saleta	0.68824*	Q=75	75.00	40.81	42.46	42.21	42.96	0.006266	3.15	23.82	14.50	0.78
Saleta	0.68235*	Q=75	75.00	40.72	42.36	42.12	42.87	0.006277	3.15	23.81	14.50	0.79
Saleta	0.67647*	Q=75	75.00	40.63	42.27	42.02	42.78	0.006266	3.15	23.82	14.50	0.78
Saleta	0.67059*	Q=75	75.00	40.54	42.18	41.93	42.69	0.006268	3.15	23.82	14.50	0.78
Saleta	0.66471*	Q=75	75.00	40.45	42.09	41.84	42.59	0.006256	3.15	23.83	14.50	0.78
Saleta	0.65882*	Q=75	75.00	40.35	42.00	41.75	42.50	0.006256	3.15	23.83	14.50	0.78
Saleta	0.65294*	Q=75	75.00	40.26	41.90	41.65	42.41	0.006255	3.15	23.83	14.50	0.78
Saleta	0.64706*	Q=75	75.00	40.17	41.81	41.56	42.32	0.006240	3.14	23.85	14.50	0.78
Saleta	0.64118*	Q=75	75.00	40.08	41.72	41.47	42.23	0.006235	3.14	23.85	14.50	0.78
Saleta	0.63529*	Q=75	75.00	39.98	41.63	41.38	42.13	0.006215	3.14	23.88	14.50	0.78
Saleta	0.62941*	Q=75	75.00	39.89	41.54	41.28	42.04	0.006206	3.14	23.89	14.50	0.78
Saleta	0.62353*	Q=75	75.00	39.80	41.45	41.19	41.95	0.006179	3.14	23.92	14.50	0.78
Saleta	0.61765*	Q=75	75.00	39.71	41.36	41.10	41.86	0.006161	3.13	23.94	14.50	0.78
Saleta	0.61176*	Q=75	75.00	39.61	41.27	41.01	41.77	0.006115	3.13	23.99	14.50	0.78
Saleta	0.60588*	Q=75	75.00	39.52	41.18	40.91	41.67	0.006083	3.12	24.03	14.50	0.77
Saleta	0.6	Q=75	75.00	39.43	41.09	40.82	41.59	0.006002	3.11	24.13	14.50	0.77

Análisis de la problemática de inundabilidad en el municipio del Aldaia y propuesta de soluciones.

9. Situación Q=100

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 100 m³/seg.

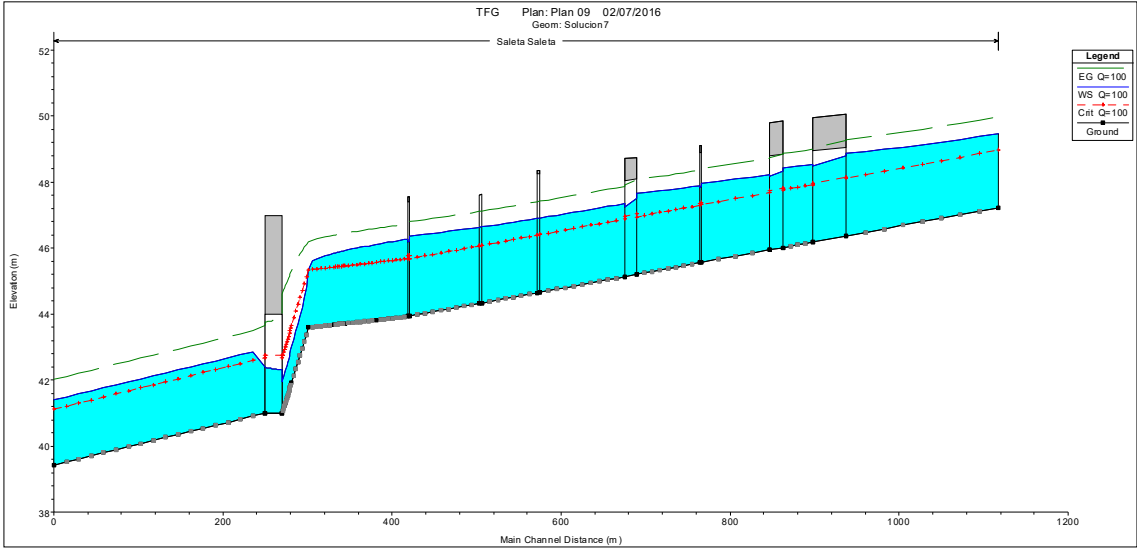


Figura 9.1. Sección longitudinal de la solución propuesta para Q = 100m³/seg.

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=100

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	Q=100	100.00	47.22	49.47	48.97	49.98	0.004283	3.15	31.75	14.50	0.68
Saleta	21.875*	Q=100	100.00	47.12	49.38	48.86	49.88	0.004181	3.13	31.99	14.50	0.67
Saleta	21.750*	Q=100	100.00	47.01	49.29	48.76	49.78	0.004063	3.10	32.26	14.50	0.66
Saleta	21.625*	Q=100	100.00	46.91	49.21	48.65	49.69	0.003924	3.07	32.60	14.50	0.65
Saleta	21.500*	Q=100	100.00	46.80	49.13	48.54	49.60	0.003760	3.03	33.02	14.50	0.64
Saleta	21.375*	Q=100	100.00	46.69	49.06	48.44	49.51	0.003585	2.99	33.49	14.50	0.63
Saleta	21.250*	Q=100	100.00	46.59	48.99	48.33	49.43	0.003397	2.94	34.04	14.50	0.61
Saleta	21.125*	Q=100	100.00	46.48	48.93	48.23	49.35	0.003199	2.89	34.66	14.50	0.60
Saleta	21	Q=100	100.00	46.37	48.87	48.12	49.28	0.002995	2.83	35.35	14.50	0.58
Saleta	20		Bridge									
Saleta	19	Q=100	100.00	46.19	48.54	47.93	49.00	0.003677	3.01	33.24	14.50	0.63
Saleta	18.750*	Q=100	100.00	46.14	48.51	47.89	48.96	0.003608	2.99	33.43	14.50	0.63
Saleta	18.500*	Q=100	100.00	46.10	48.48	47.85	48.93	0.003540	2.97	33.62	14.50	0.62
Saleta	18.250*	Q=100	100.00	46.06	48.45	47.81	48.90	0.003462	2.95	33.85	14.50	0.62
Saleta	18	Q=100	100.00	46.02	48.43	47.77	48.87	0.003390	2.94	34.06	14.50	0.61
Saleta	17		Bridge									
Saleta	16	Q=100	100.00	45.94	48.23	47.69	48.72	0.004047	3.10	32.30	14.50	0.66
Saleta	15.750*	Q=100	100.00	45.85	48.16	47.60	48.64	0.003920	3.07	32.61	14.50	0.65
Saleta	15.500*	Q=100	100.00	45.76	48.09	47.50	48.56	0.003783	3.03	32.96	14.50	0.64
Saleta	15.250*	Q=100	100.00	45.66	48.02	47.41	48.48	0.003634	3.00	33.36	14.50	0.63
Saleta	15	Q=100	100.00	45.57	47.96	47.31	48.40	0.003465	2.96	33.84	14.50	0.62
Saleta	14		Bridge									
Saleta	13	Q=100	100.00	45.56	47.89	47.30	48.36	0.003777	3.03	32.97	14.50	0.64
Saleta	12.875*	Q=100	100.00	45.51	47.86	47.26	48.32	0.003712	3.02	33.15	14.50	0.64
Saleta	12.750*	Q=100	100.00	45.47	47.83	47.21	48.28	0.003633	3.00	33.36	14.50	0.63
Saleta	12.625*	Q=100	100.00	45.42	47.80	47.17	48.25	0.003560	2.98	33.57	14.50	0.63
Saleta	12.500*	Q=100	100.00	45.38	47.77	47.12	48.21	0.003482	2.96	33.79	14.50	0.62
Saleta	12.375*	Q=100	100.00	45.34	47.74	47.08	48.18	0.003404	2.94	34.02	14.50	0.61
Saleta	12.250*	Q=100	100.00	45.29	47.71	47.04	48.15	0.003317	2.92	34.28	14.50	0.61
Saleta	12.125*	Q=100	100.00	45.25	47.69	46.99	48.11	0.003236	2.90	34.54	14.50	0.60
Saleta	12	Q=100	100.00	45.20	47.66	46.95	48.08	0.003153	2.87	34.81	14.50	0.59
Saleta	11		Bridge									
Saleta	10	Q=100	100.00	45.14	47.35	46.88	47.87	0.004509	3.20	31.27	14.50	0.70
Saleta	9.9600*	Q=100	100.00	45.09	47.31	46.83	47.83	0.004495	3.20	31.30	14.50	0.69
Saleta	9.9200*	Q=100	100.00	45.04	47.26	46.79	47.78	0.004480	3.19	31.33	14.50	0.69
Saleta	9.8800*	Q=100	100.00	44.99	47.22	46.74	47.73	0.004450	3.19	31.39	14.50	0.69
Saleta	9.8400*	Q=100	100.00	44.95	47.17	46.69	47.69	0.004432	3.18	31.43	14.50	0.69
Saleta	9.8000*	Q=100	100.00	44.90	47.13	46.65	47.64	0.004413	3.18	31.47	14.50	0.69
Saleta	9.7600*	Q=100	100.00	44.85	47.09	46.60	47.60	0.004388	3.17	31.52	14.50	0.69
Saleta	9.7200*	Q=100	100.00	44.81	47.04	46.55	47.55	0.004358	3.17	31.59	14.50	0.68
Saleta	9.6800*	Q=100	100.00	44.76	47.00	46.50	47.51	0.004329	3.16	31.65	14.50	0.68
Saleta	9.6400*	Q=100	100.00	44.71	46.96	46.46	47.46	0.004290	3.15	31.74	14.50	0.68
Saleta	9.6	Q=100	100.00	44.66	46.92	46.41	47.42	0.004256	3.14	31.81	14.50	0.68
Saleta	9.5		Bridge									
Saleta	9.4	Q=100	100.00	44.65	46.90	46.39	47.40	0.004247	3.14	31.84	14.50	0.68
Saleta	9.2429*	Q=100	100.00	44.60	46.86	46.35	47.36	0.004212	3.13	31.91	14.50	0.67
Saleta	9.0857*	Q=100	100.00	44.56	46.83	46.31	47.32	0.004170	3.12	32.01	14.50	0.67
Saleta	8.9286*	Q=100	100.00	44.52	46.79	46.26	47.28	0.004128	3.11	32.11	14.50	0.67
Saleta	8.7714*	Q=100	100.00	44.47	46.75	46.22	47.24	0.004092	3.11	32.19	14.50	0.67
Saleta	8.6143*	Q=100	100.00	44.43	46.72	46.17	47.20	0.004035	3.09	32.33	14.50	0.66
Saleta	8.4571*	Q=100	100.00	44.38	46.68	46.13	47.17	0.003978	3.08	32.47	14.50	0.66
Saleta	8.3	Q=100	100.00	44.34	46.65	46.09	47.13	0.003917	3.07	32.62	14.50	0.65
Saleta	8.2		Bridge									
Saleta	8.1	Q=100	100.00	44.32	46.64	46.07	47.11	0.003898	3.06	32.66	14.50	0.65
Saleta	8.0889*	Q=100	100.00	44.28	46.60	46.03	47.08	0.003838	3.05	32.82	14.50	0.65
Saleta	8.0778*	Q=100	100.00	44.24	46.57	45.98	47.04	0.003772	3.03	32.99	14.50	0.64
Saleta	8.0667*	Q=100	100.00	44.20	46.54	45.94	47.01	0.003704	3.01	33.17	14.50	0.64
Saleta	8.0556*	Q=100	100.00	44.15	46.51	45.90	46.97	0.003633	3.00	33.36	14.50	0.63
Saleta	8.0444*	Q=100	100.00	44.11	46.48	45.86	46.94	0.003560	2.98	33.57	14.50	0.63
Saleta	8.0333*	Q=100	100.00	44.07	46.46	45.81	46.90	0.003484	2.96	33.78	14.50	0.62
Saleta	8.0222*	Q=100	100.00	44.02	46.43	45.77	46.87	0.003407	2.94	34.01	14.50	0.61
Saleta	8.0111*	Q=100	100.00	43.98	46.40	45.73	46.84	0.003327	2.92	34.25	14.50	0.61
Saleta	8	Q=100	100.00	43.94	46.38	45.68	46.80	0.003244	2.90	34.51	14.50	0.60
Saleta	7.5		Bridge									
Saleta	7	Q=100	100.00	43.93	46.28	45.67	46.74	0.003688	3.01	33.21	14.50	0.64
Saleta	6.8750*	Q=100	100.00	43.91	46.26	45.66	46.72	0.003719	3.02	33.13	14.50	0.64
Saleta	6.7500*	Q=100	100.00	43.90	46.24	45.65	46.71	0.003755	3.03	33.03	14.50	0.64
Saleta	6.6250*	Q=100	100.00	43.89	46.22	45.63	46.69	0.003794	3.04	32.93	14.50	0.64
Saleta	6.5000*	Q=100	100.00	43.88	46.20	45.62	46.67	0.003826	3.04	32.85	14.50	0.65
Saleta	6.3750*	Q=100	100.00	43.86	46.18	45.61	46.65	0.003868	3.05	32.74	14.50	0.65
Saleta	6.2500*	Q=100	100.00	43.85	46.16	45.60	46.64	0.003914	3.07	32.62	14.50	0.65
Saleta	6.1250*	Q=100	100.00	43.84	46.14	45.58	46.62	0.003961	3.08	32.51	14.50	0.66
Saleta	6	Q=100	100.00	43.82	46.12	45.57	46.60	0.004006	3.09	32.40	14.50	0.66
Saleta	5.8750*	Q=100	100.00	43.81	46.09	45.55	46.58	0.004056	3.10	32.28	14.50	0.66
Saleta	5.7500*	Q=100	100.00	43.80	46.07	45.54	46.56	0.004115	3.11	32.14	14.50	0.67
Saleta	5.6250*	Q=100	100.00	43.78	46.05	45.53	46.55	0.004181	3.13	31.98	14.50	0.67
Saleta	5.5000*	Q=100	100.00	43.77	46.02	45.51	46.53	0.004238	3.14	31.86	14.50	0.68
Saleta	5.3750*	Q=100	100.00	43.76	46.00	45.50	46.51	0.004316	3.16	31.68	14.50	0.68
Saleta	5.2500*	Q=100	100.00	43.74	45.97	45.49	46.49	0.004403	3.18	31.49	14.50	0.69
Saleta	5.1250*	Q=100	100.00	43.73	45.95	45.47	46.47	0.004484	3.19	31.32	14.50	0.69
Saleta	5	Q=100	100.00	43.72	45.92	45.46	46.45	0.004589	3.22	31.10	14.50	0.70
Saleta	4.8333*	Q=100	100.00	43.71	45.91	45.46	46.44	0.004633	3.22	31.01	14.50	0.70
Saleta	4.6667*	Q=100	100.00	43.70	45.90	45.45	46.43	0.004678	3.23	30.92	14.50	0.71

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=100 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	Q=100	100.00	43.70	45.88	45.44	46.42	0.004726	3.24	30.83	14.50	0.71
Saleta	4.3333*	Q=100	100.00	43.69	45.87	45.44	46.41	0.004776	3.25	30.73	14.50	0.71
Saleta	4.1667*	Q=100	100.00	43.69	45.86	45.43	46.40	0.004831	3.27	30.63	14.50	0.72
Saleta	4	Q=100	100.00	43.68	45.84	45.43	46.39	0.004878	3.27	30.54	14.50	0.72
Saleta	3.8333*	Q=100	100.00	43.67	45.81	45.41	46.37	0.005045	3.31	30.23	14.50	0.73
Saleta	3.6667*	Q=100	100.00	43.65	45.77	45.40	46.34	0.005260	3.35	29.86	14.50	0.75
Saleta	3.5000*	Q=100	100.00	43.64	45.72	45.38	46.31	0.005522	3.40	29.42	14.50	0.76
Saleta	3.3333*	Q=100	100.00	43.62	45.67	45.37	46.28	0.005873	3.46	28.88	14.50	0.78
Saleta	3.1667*	Q=100	100.00	43.61	45.61	45.35	46.25	0.006394	3.55	28.16	14.50	0.81
Saleta	3	Q=100	100.00	43.59	45.34	45.34	46.19	0.010213	4.09	24.47	14.50	1.00
Saleta	2.8750*	Q=100	100.00	43.38	44.81	45.13	46.11	0.020788	5.06	19.77	14.50	1.38
Saleta	2.7500*	Q=100	100.00	43.18	44.49	44.92	46.03	0.027354	5.49	18.21	14.50	1.57
Saleta	2.6250*	Q=100	100.00	42.97	44.21	44.71	45.94	0.033068	5.81	17.20	14.50	1.70
Saleta	2.5000*	Q=100	100.00	42.76	43.95	44.50	45.83	0.038134	6.07	16.48	14.50	1.82
Saleta	2.3750*	Q=100	100.00	42.55	43.71	44.29	45.72	0.042764	6.28	15.92	14.50	1.91
Saleta	2.2500*	Q=100	100.00	42.34	43.47	44.09	45.60	0.047040	6.46	15.47	14.50	2.00
Saleta	2.1250*	Q=100	100.00	42.13	43.23	43.88	45.46	0.050831	6.61	15.12	14.50	2.07
Saleta	2	Q=100	100.00	41.92	43.00	43.67	45.32	0.054183	6.74	14.83	14.50	2.13
Saleta	1.9167*	Q=100	100.00	41.85	42.91	43.58	45.27	0.055760	6.80	14.70	14.50	2.16
Saleta	1.8333*	Q=100	100.00	41.77	42.82	43.50	45.21	0.057221	6.86	14.59	14.50	2.18
Saleta	1.7500*	Q=100	100.00	41.69	42.72	43.41	45.15	0.058616	6.91	14.48	14.50	2.21
Saleta	1.6667*	Q=100	100.00	41.61	42.63	43.33	45.10	0.059929	6.95	14.39	14.50	2.23
Saleta	1.5833*	Q=100	100.00	41.54	42.54	43.25	45.04	0.061150	6.99	14.30	14.50	2.25
Saleta	1.5000*	Q=100	100.00	41.46	42.46	43.16	44.98	0.062418	7.04	14.21	14.50	2.27
Saleta	1.4167*	Q=100	100.00	41.38	42.37	43.08	44.92	0.063573	7.08	14.13	14.50	2.29
Saleta	1.3333*	Q=100	100.00	41.31	42.28	43.00	44.86	0.064611	7.11	14.06	14.50	2.31
Saleta	1.2500*	Q=100	100.00	41.23	42.20	42.92	44.80	0.065519	7.14	14.00	14.50	2.32
Saleta	1.1667*	Q=100	100.00	41.15	42.12	42.84	44.74	0.066213	7.17	13.96	14.50	2.33
Saleta	1.0833*	Q=100	100.00	41.08	42.04	42.76	44.67	0.066882	7.19	13.91	14.50	2.34
Saleta	1	Q=100	100.00	41.00	41.96	42.69	44.61	0.067513	7.21	13.87	14.50	2.35
Saleta	0.9		Culvert									
Saleta	0.7	Q=100	100.00	41.00	42.38	42.69	43.65	0.019774	4.99	20.05	14.50	1.35
Saleta	0.69412*	Q=100	100.00	40.91	42.86	42.60	43.50	0.006274	3.53	28.30	14.50	0.81
Saleta	0.68824*	Q=100	100.00	40.81	42.77	42.50	43.40	0.006261	3.53	28.31	14.50	0.81
Saleta	0.68235*	Q=100	100.00	40.72	42.68	42.41	43.31	0.006269	3.53	28.30	14.50	0.81
Saleta	0.67647*	Q=100	100.00	40.63	42.58	42.32	43.22	0.006259	3.53	28.32	14.50	0.81
Saleta	0.67059*	Q=100	100.00	40.54	42.49	42.23	43.13	0.006259	3.53	28.32	14.50	0.81
Saleta	0.66471*	Q=100	100.00	40.45	42.40	42.13	43.03	0.006247	3.53	28.33	14.50	0.81
Saleta	0.65882*	Q=100	100.00	40.35	42.31	42.04	42.94	0.006245	3.53	28.34	14.50	0.81
Saleta	0.65294*	Q=100	100.00	40.26	42.22	41.95	42.85	0.006242	3.53	28.34	14.50	0.81
Saleta	0.64706*	Q=100	100.00	40.17	42.12	41.86	42.76	0.006227	3.53	28.36	14.50	0.81
Saleta	0.64118*	Q=100	100.00	40.08	42.03	41.76	42.67	0.006221	3.53	28.37	14.50	0.80
Saleta	0.63529*	Q=100	100.00	39.98	41.94	41.67	42.57	0.006203	3.52	28.39	14.50	0.80
Saleta	0.62941*	Q=100	100.00	39.89	41.85	41.58	42.48	0.006193	3.52	28.41	14.50	0.80
Saleta	0.62353*	Q=100	100.00	39.80	41.76	41.49	42.39	0.006169	3.52	28.44	14.50	0.80
Saleta	0.61765*	Q=100	100.00	39.71	41.67	41.39	42.30	0.006153	3.51	28.46	14.50	0.80
Saleta	0.61176*	Q=100	100.00	39.61	41.58	41.30	42.21	0.006112	3.51	28.52	14.50	0.80
Saleta	0.60588*	Q=100	100.00	39.52	41.49	41.21	42.12	0.006086	3.50	28.56	14.50	0.80
Saleta	0.6	Q=100	100.00	39.43	41.41	41.12	42.03	0.006011	3.49	28.66	14.50	0.79

Análisis de la problemática de inundabilidad en el municipio del Aldaia y propuesta de soluciones.

10. Situación Q=115

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 115 m³/seg.

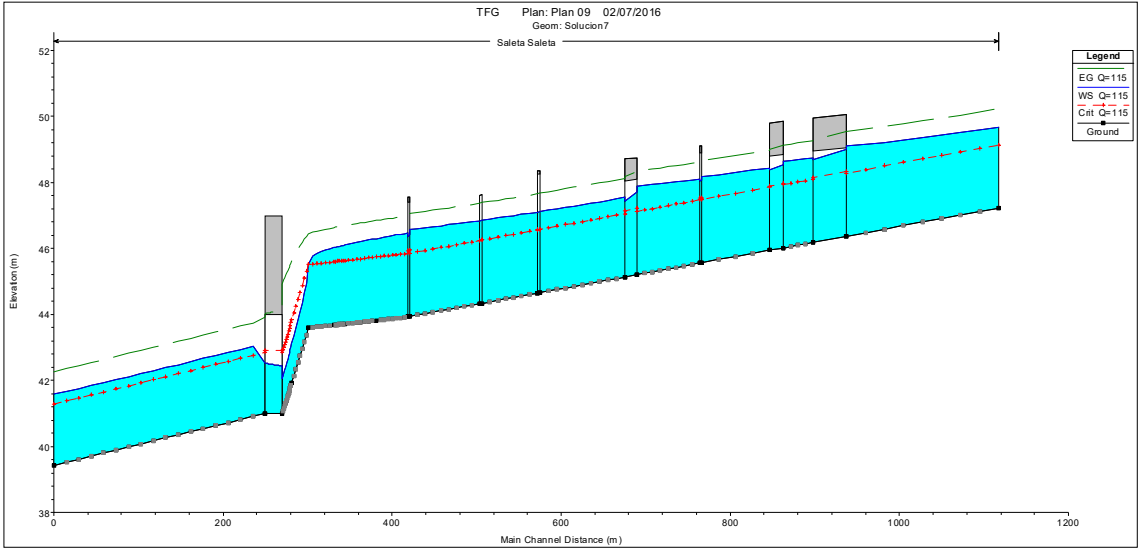


Figura 10.1. Sección longitudinal de la solución propuesta para Q = 115m³/seg.

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=115

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	Q=115	115.00	47.22	49.68	49.14	50.24	0.004187	3.31	34.77	14.50	0.68
Saleta	21.875*	Q=115	115.00	47.12	49.59	49.03	50.14	0.004076	3.28	35.05	14.50	0.67
Saleta	21.750*	Q=115	115.00	47.01	49.51	48.93	50.05	0.003952	3.25	35.38	14.50	0.66
Saleta	21.625*	Q=115	115.00	46.91	49.43	48.82	49.96	0.003810	3.22	35.77	14.50	0.65
Saleta	21.500*	Q=115	115.00	46.80	49.36	48.71	49.87	0.003646	3.17	36.24	14.50	0.64
Saleta	21.375*	Q=115	115.00	46.69	49.29	48.61	49.78	0.003476	3.13	36.77	14.50	0.63
Saleta	21.250*	Q=115	115.00	46.59	49.22	48.50	49.70	0.003295	3.08	37.36	14.50	0.61
Saleta	21.125*	Q=115	115.00	46.48	49.16	48.40	49.63	0.003108	3.02	38.02	14.50	0.60
Saleta	21	Q=115	115.00	46.37	49.10	48.29	49.55	0.002917	2.97	38.75	14.50	0.58
Saleta	20		Bridge									
Saleta	19	Q=115	115.00	46.19	48.76	48.10	49.26	0.003582	3.16	36.43	14.50	0.64
Saleta	18.750*	Q=115	115.00	46.14	48.73	48.06	49.23	0.003515	3.14	36.64	14.50	0.63
Saleta	18.500*	Q=115	115.00	46.10	48.70	48.02	49.20	0.003449	3.12	36.85	14.50	0.63
Saleta	18.250*	Q=115	115.00	46.06	48.68	47.98	49.17	0.003375	3.10	37.09	14.50	0.62
Saleta	18	Q=115	115.00	46.02	48.65	47.94	49.14	0.003306	3.08	37.32	14.50	0.61
Saleta	17		Bridge									
Saleta	16	Q=115	115.00	45.94	48.44	47.86	48.98	0.003959	3.25	35.36	14.50	0.67
Saleta	15.750*	Q=115	115.00	45.85	48.37	47.77	48.90	0.003831	3.22	35.71	14.50	0.66
Saleta	15.500*	Q=115	115.00	45.76	48.30	47.67	48.82	0.003696	3.19	36.09	14.50	0.64
Saleta	15.250*	Q=115	115.00	45.66	48.24	47.58	48.75	0.003551	3.15	36.53	14.50	0.63
Saleta	15	Q=115	115.00	45.57	48.18	47.48	48.67	0.003390	3.10	37.04	14.50	0.62
Saleta	14		Bridge									
Saleta	13	Q=115	115.00	45.56	48.10	47.47	48.62	0.003698	3.19	36.09	14.50	0.65
Saleta	12.875*	Q=115	115.00	45.51	48.07	47.43	48.58	0.003634	3.17	36.28	14.50	0.64
Saleta	12.750*	Q=115	115.00	45.47	48.04	47.38	48.55	0.003558	3.15	36.51	14.50	0.63
Saleta	12.625*	Q=115	115.00	45.42	48.01	47.34	48.51	0.003488	3.13	36.73	14.50	0.63
Saleta	12.500*	Q=115	115.00	45.38	47.99	47.29	48.48	0.003415	3.11	36.96	14.50	0.62
Saleta	12.375*	Q=115	115.00	45.34	47.96	47.25	48.45	0.003341	3.09	37.20	14.50	0.62
Saleta	12.250*	Q=115	115.00	45.29	47.93	47.21	48.41	0.003259	3.07	37.48	14.50	0.61
Saleta	12.125*	Q=115	115.00	45.25	47.91	47.16	48.38	0.003182	3.05	37.75	14.50	0.60
Saleta	12	Q=115	115.00	45.20	47.88	47.12	48.35	0.003105	3.02	38.03	14.50	0.60
Saleta	11		Bridge									
Saleta	10	Q=115	115.00	45.14	47.55	47.05	48.13	0.004469	3.37	34.09	14.50	0.70
Saleta	9.9600*	Q=115	115.00	45.09	47.50	47.00	48.08	0.004454	3.37	34.13	14.50	0.70
Saleta	9.9200*	Q=115	115.00	45.04	47.46	46.96	48.03	0.004438	3.37	34.17	14.50	0.70
Saleta	9.8800*	Q=115	115.00	44.99	47.41	46.91	47.99	0.004407	3.36	34.24	14.50	0.70
Saleta	9.8400*	Q=115	115.00	44.95	47.37	46.86	47.94	0.004383	3.35	34.29	14.50	0.70
Saleta	9.8000*	Q=115	115.00	44.90	47.33	46.82	47.90	0.004358	3.35	34.35	14.50	0.69
Saleta	9.7600*	Q=115	115.00	44.85	47.29	46.77	47.85	0.004331	3.34	34.42	14.50	0.69
Saleta	9.7200*	Q=115	115.00	44.81	47.24	46.72	47.81	0.004300	3.33	34.49	14.50	0.69
Saleta	9.6800*	Q=115	115.00	44.76	47.20	46.67	47.77	0.004270	3.33	34.56	14.50	0.69
Saleta	9.6400*	Q=115	115.00	44.71	47.16	46.63	47.72	0.004229	3.32	34.66	14.50	0.69
Saleta	9.6	Q=115	115.00	44.66	47.12	46.58	47.68	0.004195	3.31	34.75	14.50	0.68
Saleta	9.5		Bridge									
Saleta	9.4	Q=115	115.00	44.65	47.10	46.56	47.66	0.004185	3.31	34.77	14.50	0.68
Saleta	9.2429*	Q=115	115.00	44.60	47.07	46.52	47.62	0.004149	3.30	34.86	14.50	0.68
Saleta	9.0857*	Q=115	115.00	44.56	47.03	46.48	47.58	0.004104	3.29	34.98	14.50	0.68
Saleta	8.9286*	Q=115	115.00	44.52	47.00	46.43	47.54	0.004054	3.28	35.10	14.50	0.67
Saleta	8.7714*	Q=115	115.00	44.47	46.96	46.39	47.50	0.004016	3.27	35.20	14.50	0.67
Saleta	8.6143*	Q=115	115.00	44.43	46.93	46.34	47.47	0.003960	3.25	35.35	14.50	0.67
Saleta	8.4571*	Q=115	115.00	44.38	46.89	46.30	47.43	0.003903	3.24	35.51	14.50	0.66
Saleta	8.3	Q=115	115.00	44.34	46.86	46.26	47.39	0.003843	3.22	35.67	14.50	0.66
Saleta	8.2		Bridge									
Saleta	8.1	Q=115	115.00	44.32	46.84	46.24	47.37	0.003859	3.23	35.63	14.50	0.66
Saleta	8.0889*	Q=115	115.00	44.28	46.81	46.20	47.34	0.003802	3.21	35.79	14.50	0.65
Saleta	8.0778*	Q=115	115.00	44.24	46.78	46.15	47.30	0.003739	3.20	35.97	14.50	0.65
Saleta	8.0667*	Q=115	115.00	44.20	46.75	46.11	47.26	0.003675	3.18	36.16	14.50	0.64
Saleta	8.0556*	Q=115	115.00	44.15	46.72	46.07	47.23	0.003608	3.16	36.36	14.50	0.64
Saleta	8.0444*	Q=115	115.00	44.11	46.69	46.03	47.19	0.003539	3.15	36.57	14.50	0.63
Saleta	8.0333*	Q=115	115.00	44.07	46.66	45.98	47.16	0.003469	3.13	36.79	14.50	0.63
Saleta	8.0222*	Q=115	115.00	44.02	46.64	45.94	47.13	0.003396	3.11	37.02	14.50	0.62
Saleta	8.0111*	Q=115	115.00	43.98	46.61	45.90	47.10	0.003323	3.09	37.27	14.50	0.61
Saleta	8	Q=115	115.00	43.94	46.58	45.85	47.06	0.003245	3.06	37.53	14.50	0.61
Saleta	7.5		Bridge									
Saleta	7	Q=115	115.00	43.93	46.47	45.84	46.99	0.003730	3.20	35.99	14.50	0.65
Saleta	6.8750*	Q=115	115.00	43.91	46.45	45.83	46.97	0.003761	3.20	35.90	14.50	0.65
Saleta	6.7500*	Q=115	115.00	43.90	46.43	45.82	46.96	0.003796	3.21	35.80	14.50	0.65
Saleta	6.6250*	Q=115	115.00	43.89	46.41	45.80	46.94	0.003835	3.22	35.70	14.50	0.66
Saleta	6.5000*	Q=115	115.00	43.88	46.39	45.79	46.92	0.003867	3.23	35.61	14.50	0.66
Saleta	6.3750*	Q=115	115.00	43.86	46.37	45.78	46.90	0.003908	3.24	35.50	14.50	0.66
Saleta	6.2500*	Q=115	115.00	43.85	46.35	45.76	46.89	0.003953	3.25	35.37	14.50	0.66
Saleta	6.1250*	Q=115	115.00	43.84	46.33	45.75	46.87	0.003998	3.26	35.25	14.50	0.67
Saleta	6	Q=115	115.00	43.82	46.30	45.74	46.85	0.004041	3.27	35.14	14.50	0.67
Saleta	5.8750*	Q=115	115.00	43.81	46.28	45.72	46.83	0.004090	3.28	35.01	14.50	0.68
Saleta	5.7500*	Q=115	115.00	43.80	46.26	45.71	46.81	0.004153	3.30	34.85	14.50	0.68
Saleta	5.6250*	Q=115	115.00	43.78	46.23	45.70	46.79	0.004218	3.32	34.69	14.50	0.68
Saleta	5.5000*	Q=115	115.00	43.77	46.21	45.68	46.78	0.004273	3.33	34.56	14.50	0.69
Saleta	5.3750*	Q=115	115.00	43.76	46.19	45.67	46.76	0.004348	3.35	34.38	14.50	0.69
Saleta	5.2500*	Q=115	115.00	43.74	46.16	45.66	46.74	0.004432	3.36	34.18	14.50	0.70
Saleta	5.1250*	Q=115	115.00	43.73	46.13	45.64	46.72	0.004511	3.38	34.00	14.50	0.71
Saleta	5	Q=115	115.00	43.72	46.10	45.63	46.69	0.004620	3.41	33.76	14.50	0.71
Saleta	4.8333*	Q=115	115.00	43.71	46.09	45.63	46.69	0.004661	3.42	33.67	14.50	0.72
Saleta	4.6667*	Q=115	115.00	43.70	46.08	45.62	46.68	0.004704	3.43	33.57	14.50	0.72

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=115 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	Q=115	115.00	43.70	46.07	45.61	46.67	0.004750	3.44	33.48	14.50	0.72
Saleta	4.3333*	Q=115	115.00	43.69	46.05	45.61	46.66	0.004797	3.45	33.38	14.50	0.73
Saleta	4.1667*	Q=115	115.00	43.69	46.04	45.60	46.65	0.004848	3.46	33.27	14.50	0.73
Saleta	4	Q=115	115.00	43.68	46.03	45.59	46.64	0.004893	3.47	33.18	14.50	0.73
Saleta	3.8333*	Q=115	115.00	43.67	45.99	45.58	46.61	0.005062	3.50	32.84	14.50	0.74
Saleta	3.6667*	Q=115	115.00	43.65	45.95	45.57	46.59	0.005267	3.54	32.46	14.50	0.76
Saleta	3.5000*	Q=115	115.00	43.64	45.90	45.55	46.56	0.005528	3.60	31.99	14.50	0.77
Saleta	3.3333*	Q=115	115.00	43.62	45.85	45.54	46.53	0.005876	3.66	31.41	14.50	0.79
Saleta	3.1667*	Q=115	115.00	43.61	45.78	45.52	46.50	0.006391	3.76	30.62	14.50	0.83
Saleta	3	Q=115	115.00	43.59	45.51	45.51	46.44	0.009816	4.27	26.92	14.50	1.00
Saleta	2.8750*	Q=115	115.00	43.38	44.95	45.30	46.36	0.019586	5.25	21.89	14.50	1.37
Saleta	2.7500*	Q=115	115.00	43.18	44.63	45.09	46.28	0.025560	5.69	20.21	14.50	1.54
Saleta	2.6250*	Q=115	115.00	42.97	44.34	44.88	46.19	0.030800	6.02	19.11	14.50	1.67
Saleta	2.5000*	Q=115	115.00	42.76	44.08	44.67	46.09	0.035474	6.28	18.31	14.50	1.78
Saleta	2.3750*	Q=115	115.00	42.55	43.83	44.46	45.98	0.039812	6.50	17.69	14.50	1.88
Saleta	2.2500*	Q=115	115.00	42.34	43.58	44.26	45.87	0.043775	6.69	17.19	14.50	1.96
Saleta	2.1250*	Q=115	115.00	42.13	43.35	44.05	45.74	0.047426	6.85	16.79	14.50	2.03
Saleta	2	Q=115	115.00	41.92	43.12	43.84	45.61	0.050677	6.99	16.45	14.50	2.10
Saleta	1.9167*	Q=115	115.00	41.85	43.02	43.75	45.55	0.052187	7.05	16.31	14.50	2.12
Saleta	1.8333*	Q=115	115.00	41.77	42.93	43.67	45.50	0.053598	7.11	16.18	14.50	2.15
Saleta	1.7500*	Q=115	115.00	41.69	42.83	43.58	45.45	0.054953	7.16	16.06	14.50	2.17
Saleta	1.6667*	Q=115	115.00	41.61	42.74	43.49	45.39	0.056238	7.21	15.94	14.50	2.20
Saleta	1.5833*	Q=115	115.00	41.54	42.65	43.41	45.34	0.057444	7.26	15.84	14.50	2.22
Saleta	1.5000*	Q=115	115.00	41.46	42.56	43.33	45.28	0.058586	7.30	15.75	14.50	2.24
Saleta	1.4167*	Q=115	115.00	41.38	42.47	43.25	45.23	0.059757	7.35	15.65	14.50	2.26
Saleta	1.3333*	Q=115	115.00	41.31	42.39	43.17	45.17	0.060825	7.39	15.57	14.50	2.28
Saleta	1.2500*	Q=115	115.00	41.23	42.30	43.09	45.11	0.061775	7.42	15.50	14.50	2.29
Saleta	1.1667*	Q=115	115.00	41.15	42.22	43.01	45.05	0.062674	7.45	15.43	14.50	2.31
Saleta	1.0833*	Q=115	115.00	41.08	42.14	42.93	44.99	0.063514	7.48	15.37	14.50	2.32
Saleta	1	Q=115	115.00	41.00	42.06	42.85	44.93	0.064161	7.51	15.32	14.50	2.33
Saleta	0.9		Culvert									
Saleta	0.7	Q=115	115.00	41.00	42.52	42.85	43.91	0.019074	5.22	22.04	14.50	1.35
Saleta	0.69412*	Q=115	115.00	40.91	43.03	42.76	43.74	0.006270	3.74	30.78	14.50	0.82
Saleta	0.68824*	Q=115	115.00	40.81	42.94	42.67	43.65	0.006257	3.73	30.80	14.50	0.82
Saleta	0.68235*	Q=115	115.00	40.72	42.85	42.58	43.56	0.006263	3.74	30.79	14.50	0.82
Saleta	0.67647*	Q=115	115.00	40.63	42.75	42.48	43.47	0.006253	3.73	30.80	14.50	0.82
Saleta	0.67059*	Q=115	115.00	40.54	42.66	42.39	43.37	0.006252	3.73	30.80	14.50	0.82
Saleta	0.66471*	Q=115	115.00	40.45	42.57	42.30	43.28	0.006240	3.73	30.82	14.50	0.82
Saleta	0.65882*	Q=115	115.00	40.35	42.48	42.21	43.19	0.006237	3.73	30.83	14.50	0.82
Saleta	0.65294*	Q=115	115.00	40.26	42.39	42.11	43.10	0.006233	3.73	30.83	14.50	0.82
Saleta	0.64706*	Q=115	115.00	40.17	42.30	42.02	43.00	0.006219	3.73	30.85	14.50	0.82
Saleta	0.64118*	Q=115	115.00	40.08	42.20	41.93	42.91	0.006212	3.73	30.86	14.50	0.82
Saleta	0.63529*	Q=115	115.00	39.98	42.11	41.84	42.82	0.006194	3.72	30.89	14.50	0.81
Saleta	0.62941*	Q=115	115.00	39.89	42.02	41.74	42.73	0.006183	3.72	30.91	14.50	0.81
Saleta	0.62353*	Q=115	115.00	39.80	41.93	41.65	42.64	0.006160	3.72	30.94	14.50	0.81
Saleta	0.61765*	Q=115	115.00	39.71	41.84	41.56	42.54	0.006143	3.71	30.97	14.50	0.81
Saleta	0.61176*	Q=115	115.00	39.61	41.75	41.47	42.45	0.006105	3.71	31.03	14.50	0.81
Saleta	0.60588*	Q=115	115.00	39.52	41.66	41.37	42.36	0.006080	3.70	31.06	14.50	0.81
Saleta	0.6	Q=115	115.00	39.43	41.58	41.28	42.27	0.006007	3.69	31.18	14.50	0.80

11. Situación Q=117

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 117 m³/seg.

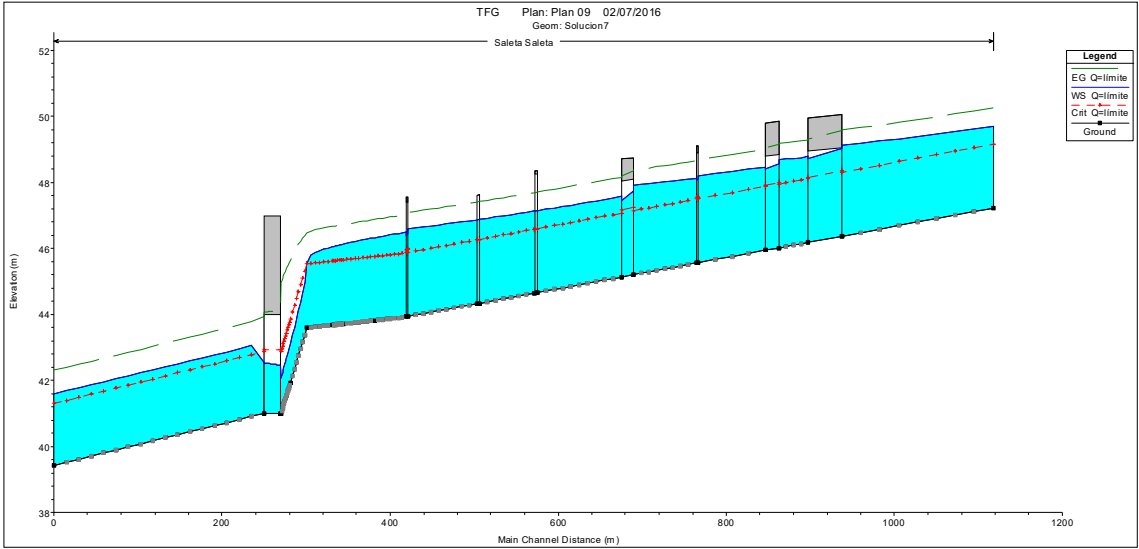


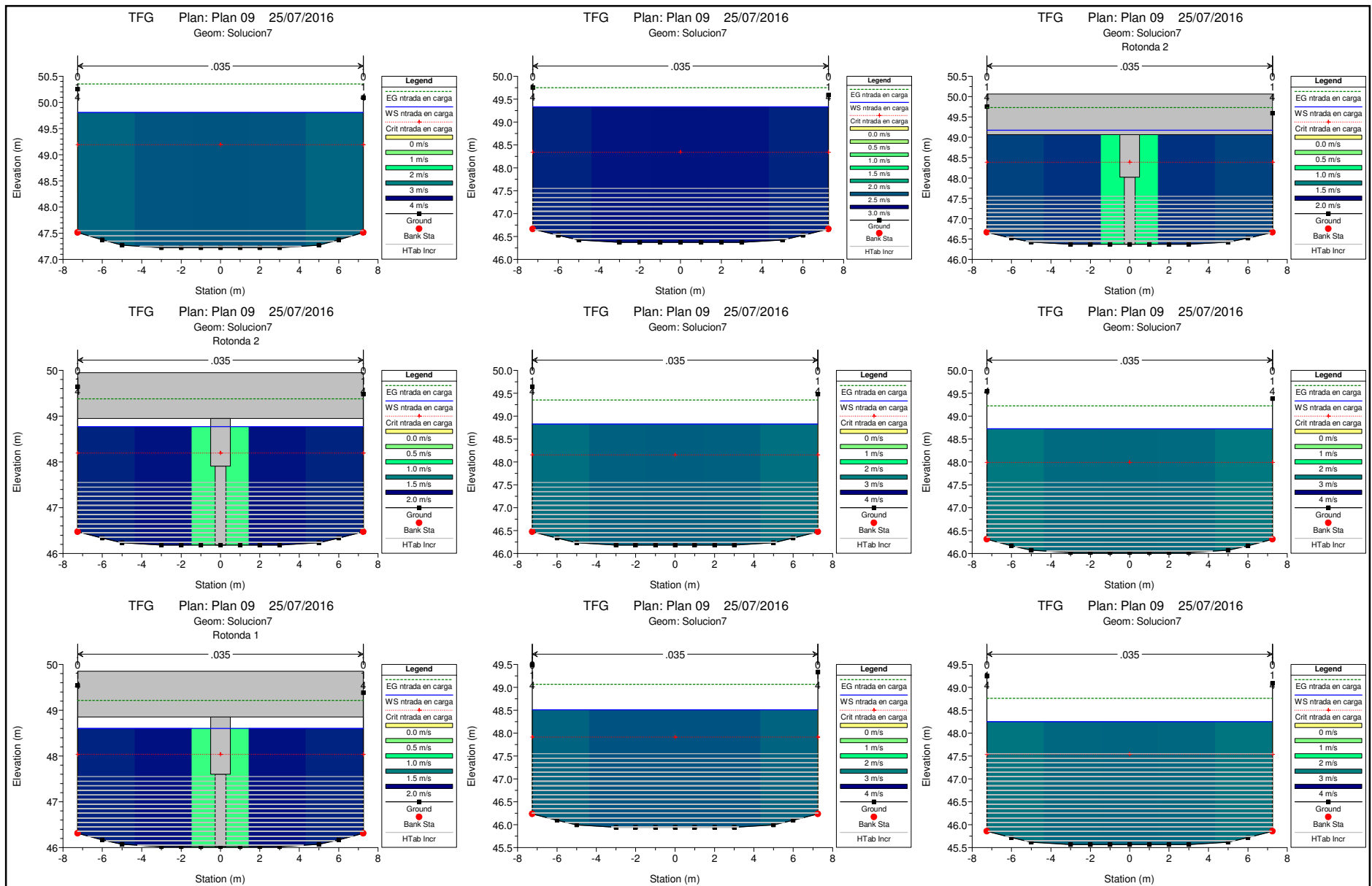
Figura 11.1. Sección longitudinal de la solución propuesta para Q = 117m³/seg.

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=limite

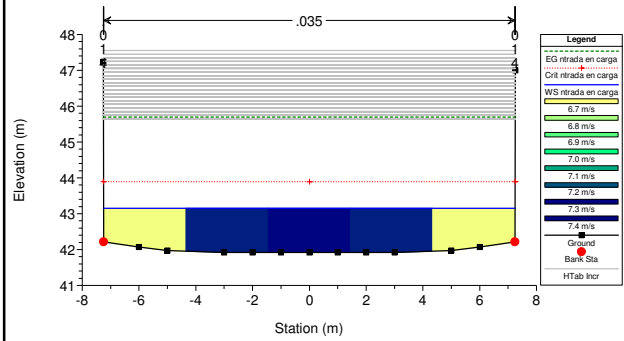
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	Q=limite	117.00	47.22	49.71	49.16	50.27	0.004174	3.33	35.16	14.50	0.68
Saleta	21.875*	Q=limite	117.00	47.12	49.62	49.05	50.18	0.004063	3.30	35.45	14.50	0.67
Saleta	21.750*	Q=limite	117.00	47.01	49.54	48.95	50.08	0.003938	3.27	35.78	14.50	0.66
Saleta	21.625*	Q=limite	117.00	46.91	49.46	48.84	49.99	0.003795	3.23	36.18	14.50	0.65
Saleta	21.500*	Q=limite	117.00	46.80	49.38	48.74	49.90	0.003632	3.19	36.66	14.50	0.64
Saleta	21.375*	Q=limite	117.00	46.69	49.32	48.63	49.82	0.003462	3.15	37.19	14.50	0.63
Saleta	21.250*	Q=limite	117.00	46.59	49.25	48.52	49.74	0.003283	3.10	37.79	14.50	0.61
Saleta	21.125*	Q=limite	117.00	46.48	49.19	48.42	49.66	0.003096	3.04	38.46	14.50	0.60
Saleta	21	Q=limite	117.00	46.37	49.14	48.31	49.59	0.002907	2.99	39.19	14.50	0.58
Saleta	20		Bridge									
Saleta	19	Q=limite	117.00	46.19	48.79	48.12	49.30	0.003570	3.18	36.85	14.50	0.64
Saleta	18.750*	Q=limite	117.00	46.14	48.76	48.08	49.27	0.003503	3.16	37.06	14.50	0.63
Saleta	18.500*	Q=limite	117.00	46.10	48.73	48.04	49.23	0.003438	3.14	37.27	14.50	0.63
Saleta	18.250*	Q=limite	117.00	46.06	48.71	48.00	49.20	0.003364	3.12	37.51	14.50	0.62
Saleta	18	Q=limite	117.00	46.02	48.68	47.96	49.17	0.003296	3.10	37.75	14.50	0.61
Saleta	17		Bridge									
Saleta	16	Q=limite	117.00	45.94	48.47	47.88	49.02	0.003947	3.27	35.76	14.50	0.67
Saleta	15.750*	Q=limite	117.00	45.85	48.40	47.79	48.93	0.003819	3.24	36.11	14.50	0.66
Saleta	15.500*	Q=limite	117.00	45.76	48.33	47.69	48.86	0.003685	3.21	36.50	14.50	0.65
Saleta	15.250*	Q=limite	117.00	45.66	48.27	47.60	48.78	0.003541	3.17	36.94	14.50	0.63
Saleta	15	Q=limite	117.00	45.57	48.21	47.50	48.71	0.003380	3.12	37.46	14.50	0.62
Saleta	14		Bridge									
Saleta	13	Q=limite	117.00	45.56	48.13	47.49	48.66	0.003687	3.21	36.49	14.50	0.65
Saleta	12.875*	Q=limite	117.00	45.51	48.10	47.45	48.62	0.003624	3.19	36.68	14.50	0.64
Saleta	12.750*	Q=limite	117.00	45.47	48.07	47.40	48.58	0.003548	3.17	36.92	14.50	0.63
Saleta	12.625*	Q=limite	117.00	45.42	48.04	47.36	48.55	0.003479	3.15	37.14	14.50	0.63
Saleta	12.500*	Q=limite	117.00	45.38	48.02	47.32	48.51	0.003406	3.13	37.38	14.50	0.62
Saleta	12.375*	Q=limite	117.00	45.34	47.99	47.27	48.48	0.003332	3.11	37.62	14.50	0.62
Saleta	12.250*	Q=limite	117.00	45.29	47.96	47.23	48.45	0.003251	3.09	37.90	14.50	0.61
Saleta	12.125*	Q=limite	117.00	45.25	47.94	47.18	48.42	0.003175	3.07	38.17	14.50	0.60
Saleta	12	Q=limite	117.00	45.20	47.91	47.14	48.38	0.003098	3.04	38.45	14.50	0.60
Saleta	11		Bridge									
Saleta	10	Q=limite	117.00	45.14	47.57	47.07	48.16	0.004461	3.39	34.47	14.50	0.70
Saleta	9.9600*	Q=limite	117.00	45.09	47.53	47.03	48.11	0.004446	3.39	34.50	14.50	0.70
Saleta	9.9200*	Q=limite	117.00	45.04	47.48	46.98	48.07	0.004429	3.39	34.54	14.50	0.70
Saleta	9.8800*	Q=limite	117.00	44.99	47.44	46.93	48.02	0.004398	3.38	34.61	14.50	0.70
Saleta	9.8400*	Q=limite	117.00	44.95	47.40	46.88	47.98	0.004374	3.37	34.67	14.50	0.70
Saleta	9.8000*	Q=limite	117.00	44.90	47.35	46.84	47.93	0.004349	3.37	34.73	14.50	0.70
Saleta	9.7600*	Q=limite	117.00	44.85	47.31	46.79	47.89	0.004321	3.36	34.80	14.50	0.69
Saleta	9.7200*	Q=limite	117.00	44.81	47.27	46.74	47.84	0.004290	3.36	34.87	14.50	0.69
Saleta	9.6800*	Q=limite	117.00	44.76	47.23	46.70	47.80	0.004259	3.35	34.95	14.50	0.69
Saleta	9.6400*	Q=limite	117.00	44.71	47.19	46.65	47.76	0.004219	3.34	35.05	14.50	0.69
Saleta	9.6	Q=limite	117.00	44.66	47.15	46.60	47.71	0.004184	3.33	35.14	14.50	0.68
Saleta	9.5		Bridge									
Saleta	9.4	Q=limite	117.00	44.65	47.13	46.58	47.70	0.004174	3.33	35.16	14.50	0.68
Saleta	9.2429*	Q=limite	117.00	44.60	47.09	46.54	47.66	0.004138	3.32	35.25	14.50	0.68
Saleta	9.0857*	Q=limite	117.00	44.56	47.06	46.50	47.62	0.004092	3.31	35.37	14.50	0.68
Saleta	8.9286*	Q=limite	117.00	44.52	47.02	46.45	47.58	0.004042	3.30	35.50	14.50	0.67
Saleta	8.7714*	Q=limite	117.00	44.47	46.99	46.41	47.54	0.004004	3.29	35.60	14.50	0.67
Saleta	8.6143*	Q=limite	117.00	44.43	46.95	46.37	47.50	0.003948	3.27	35.75	14.50	0.67
Saleta	8.4571*	Q=limite	117.00	44.38	46.92	46.32	47.46	0.003890	3.26	35.91	14.50	0.66
Saleta	8.3	Q=limite	117.00	44.34	46.89	46.28	47.42	0.003830	3.24	36.08	14.50	0.66
Saleta	8.2		Bridge									
Saleta	8.1	Q=limite	117.00	44.32	46.87	46.26	47.41	0.003854	3.25	36.01	14.50	0.66
Saleta	8.0889*	Q=limite	117.00	44.28	46.84	46.22	47.37	0.003796	3.23	36.18	14.50	0.65
Saleta	8.0778*	Q=limite	117.00	44.24	46.80	46.18	47.33	0.003735	3.22	36.36	14.50	0.65
Saleta	8.0667*	Q=limite	117.00	44.20	46.77	46.13	47.30	0.003670	3.20	36.55	14.50	0.64
Saleta	8.0556*	Q=limite	117.00	44.15	46.75	46.09	47.26	0.003604	3.18	36.75	14.50	0.64
Saleta	8.0444*	Q=limite	117.00	44.11	46.72	46.05	47.23	0.003536	3.17	36.96	14.50	0.63
Saleta	8.0333*	Q=limite	117.00	44.07	46.69	46.00	47.19	0.003466	3.15	37.18	14.50	0.63
Saleta	8.0222*	Q=limite	117.00	44.02	46.66	45.96	47.16	0.003394	3.13	37.41	14.50	0.62
Saleta	8.0111*	Q=limite	117.00	43.98	46.64	45.92	47.13	0.003321	3.11	37.66	14.50	0.62
Saleta	8	Q=limite	117.00	43.94	46.61	45.88	47.10	0.003244	3.09	37.92	14.50	0.61
Saleta	7.5		Bridge									
Saleta	7	Q=limite	117.00	43.93	46.49	45.87	47.02	0.003733	3.22	36.36	14.50	0.65
Saleta	6.8750*	Q=limite	117.00	43.91	46.47	45.85	47.01	0.003764	3.23	36.27	14.50	0.65
Saleta	6.7500*	Q=limite	117.00	43.90	46.45	45.84	46.99	0.003799	3.23	36.17	14.50	0.65
Saleta	6.6250*	Q=limite	117.00	43.89	46.43	45.83	46.97	0.003837	3.24	36.06	14.50	0.66
Saleta	6.5000*	Q=limite	117.00	43.88	46.41	45.81	46.95	0.003869	3.25	35.97	14.50	0.66
Saleta	6.3750*	Q=limite	117.00	43.86	46.39	45.80	46.94	0.003909	3.26	35.86	14.50	0.66
Saleta	6.2500*	Q=limite	117.00	43.85	46.37	45.79	46.92	0.003954	3.27	35.74	14.50	0.67
Saleta	6.1250*	Q=limite	117.00	43.84	46.35	45.77	46.90	0.004000	3.29	35.61	14.50	0.67
Saleta	6	Q=limite	117.00	43.82	46.33	45.76	46.88	0.004042	3.30	35.50	14.50	0.67
Saleta	5.8750*	Q=limite	117.00	43.81	46.31	45.75	46.86	0.004091	3.31	35.38	14.50	0.68
Saleta	5.7500*	Q=limite	117.00	43.80	46.28	45.73	46.85	0.004153	3.32	35.21	14.50	0.68
Saleta	5.6250*	Q=limite	117.00	43.78	46.26	45.72	46.83	0.004218	3.34	35.05	14.50	0.69
Saleta	5.5000*	Q=limite	117.00	43.77	46.23	45.71	46.81	0.004278	3.35	34.90	14.50	0.69
Saleta	5.3750*	Q=limite	117.00	43.76	46.21	45.69	46.79	0.004354	3.37	34.72	14.50	0.70
Saleta	5.2500*	Q=limite	117.00	43.74	46.18	45.68	46.77	0.004437	3.39	34.52	14.50	0.70
Saleta	5.1250*	Q=limite	117.00	43.73	46.16	45.67	46.75	0.004516	3.41	34.34	14.50	0.71
Saleta	5	Q=limite	117.00	43.72	46.13	45.65	46.73	0.004624	3.43	34.10	14.50	0.71
Saleta	4.8333*	Q=limite	117.00	43.71	46.11	45.65	46.72	0.004665	3.44	34.01	14.50	0.72
Saleta	4.6667*	Q=limite	117.00	43.70	46.10	45.64	46.71	0.004708	3.45	33.91	14.50	0.72

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q=limite (Continued)

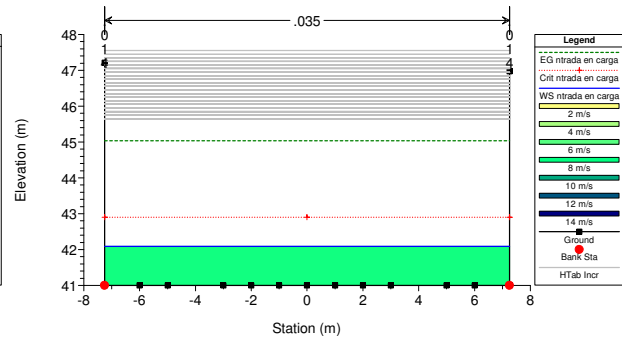
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	Q=limite	117.00	43.70	46.09	45.64	46.70	0.004753	3.46	33.82	14.50	0.72
Saleta	4.3333*	Q=limite	117.00	43.69	46.08	45.63	46.69	0.004800	3.47	33.72	14.50	0.73
Saleta	4.1667*	Q=limite	117.00	43.69	46.06	45.62	46.68	0.004851	3.48	33.61	14.50	0.73
Saleta	4	Q=limite	117.00	43.68	46.05	45.62	46.67	0.004896	3.49	33.52	14.50	0.73
Saleta	3.8333*	Q=limite	117.00	43.67	46.01	45.60	46.65	0.005063	3.53	33.18	14.50	0.74
Saleta	3.6667*	Q=limite	117.00	43.65	45.97	45.59	46.62	0.005267	3.57	32.79	14.50	0.76
Saleta	3.5000*	Q=limite	117.00	43.64	45.92	45.57	46.59	0.005526	3.62	32.32	14.50	0.77
Saleta	3.3333*	Q=limite	117.00	43.62	45.87	45.56	46.56	0.005872	3.69	31.74	14.50	0.80
Saleta	3.1667*	Q=limite	117.00	43.61	45.80	45.55	46.53	0.006382	3.78	30.96	14.50	0.83
Saleta	3	Q=limite	117.00	43.59	45.53	45.53	46.47	0.009774	4.30	27.24	14.50	1.00
Saleta	2.8750*	Q=limite	117.00	43.38	44.97	45.32	46.39	0.019429	5.28	22.17	14.50	1.36
Saleta	2.7500*	Q=limite	117.00	43.18	44.65	45.11	46.31	0.025337	5.72	20.47	14.50	1.54
Saleta	2.6250*	Q=limite	117.00	42.97	44.36	44.90	46.22	0.030522	6.04	19.36	14.50	1.67
Saleta	2.5000*	Q=limite	117.00	42.76	44.10	44.70	46.12	0.035164	6.31	18.55	14.50	1.78
Saleta	2.3750*	Q=limite	117.00	42.55	43.84	44.49	46.02	0.039464	6.53	17.92	14.50	1.88
Saleta	2.2500*	Q=limite	117.00	42.34	43.60	44.28	45.90	0.043399	6.72	17.42	14.50	1.96
Saleta	2.1250*	Q=limite	117.00	42.13	43.36	44.07	45.78	0.047029	6.88	17.00	14.50	2.03
Saleta	2	Q=limite	117.00	41.92	43.13	43.86	45.64	0.050264	7.02	16.67	14.50	2.09
Saleta	1.9167*	Q=limite	117.00	41.85	43.03	43.77	45.59	0.051765	7.08	16.52	14.50	2.12
Saleta	1.8333*	Q=limite	117.00	41.77	42.94	43.69	45.54	0.053169	7.14	16.39	14.50	2.14
Saleta	1.7500*	Q=limite	117.00	41.69	42.85	43.60	45.49	0.054518	7.19	16.26	14.50	2.17
Saleta	1.6667*	Q=limite	117.00	41.61	42.75	43.52	45.43	0.055798	7.25	16.15	14.50	2.19
Saleta	1.5833*	Q=limite	117.00	41.54	42.66	43.43	45.38	0.057000	7.29	16.04	14.50	2.21
Saleta	1.5000*	Q=limite	117.00	41.46	42.58	43.35	45.32	0.058140	7.34	15.95	14.50	2.23
Saleta	1.4167*	Q=limite	117.00	41.38	42.49	43.27	45.26	0.059310	7.38	15.85	14.50	2.25
Saleta	1.3333*	Q=limite	117.00	41.31	42.40	43.19	45.21	0.060378	7.42	15.77	14.50	2.27
Saleta	1.2500*	Q=limite	117.00	41.23	42.32	43.11	45.15	0.061332	7.46	15.69	14.50	2.29
Saleta	1.1667*	Q=limite	117.00	41.15	42.23	43.03	45.09	0.062233	7.49	15.62	14.50	2.30
Saleta	1.0833*	Q=limite	117.00	41.08	42.15	42.95	45.03	0.063077	7.52	15.56	14.50	2.32
Saleta	1	Q=limite	117.00	41.00	42.07	42.87	44.97	0.063726	7.54	15.51	14.50	2.33
Saleta	0.9	Culvert										
Saleta	0.7	Q=limite	117.00	41.00	42.54	42.87	43.94	0.018875	5.24	22.34	14.50	1.35
Saleta	0.69412*	Q=limite	117.00	40.91	43.05	42.78	43.77	0.006268	3.76	31.10	14.50	0.82
Saleta	0.68824*	Q=limite	117.00	40.81	42.96	42.69	43.68	0.006255	3.76	31.12	14.50	0.82
Saleta	0.68235*	Q=limite	117.00	40.72	42.87	42.60	43.59	0.006260	3.76	31.11	14.50	0.82
Saleta	0.67647*	Q=limite	117.00	40.63	42.78	42.50	43.50	0.006249	3.76	31.13	14.50	0.82
Saleta	0.67059*	Q=limite	117.00	40.54	42.69	42.41	43.41	0.006248	3.76	31.13	14.50	0.82
Saleta	0.66471*	Q=limite	117.00	40.45	42.59	42.32	43.31	0.006236	3.76	31.15	14.50	0.82
Saleta	0.65882*	Q=limite	117.00	40.35	42.50	42.23	43.22	0.006232	3.76	31.16	14.50	0.82
Saleta	0.65294*	Q=limite	117.00	40.26	42.41	42.13	43.13	0.006227	3.75	31.16	14.50	0.82
Saleta	0.64706*	Q=limite	117.00	40.17	42.32	42.04	43.04	0.006211	3.75	31.19	14.50	0.82
Saleta	0.64118*	Q=limite	117.00	40.08	42.23	41.95	42.94	0.006203	3.75	31.20	14.50	0.82
Saleta	0.63529*	Q=limite	117.00	39.98	42.14	41.86	42.85	0.006184	3.75	31.23	14.50	0.82
Saleta	0.62941*	Q=limite	117.00	39.89	42.05	41.76	42.76	0.006172	3.74	31.25	14.50	0.81
Saleta	0.62353*	Q=limite	117.00	39.80	41.96	41.67	42.67	0.006147	3.74	31.28	14.50	0.81
Saleta	0.61765*	Q=limite	117.00	39.71	41.87	41.58	42.58	0.006129	3.74	31.31	14.50	0.81
Saleta	0.61176*	Q=limite	117.00	39.61	41.78	41.49	42.49	0.006088	3.73	31.37	14.50	0.81
Saleta	0.60588*	Q=limite	117.00	39.52	41.69	41.39	42.40	0.006052	3.72	31.43	14.50	0.81
Saleta	0.6	Q=limite	117.00	39.43	41.60	41.30	42.30	0.006007	3.71	31.50	14.50	0.80



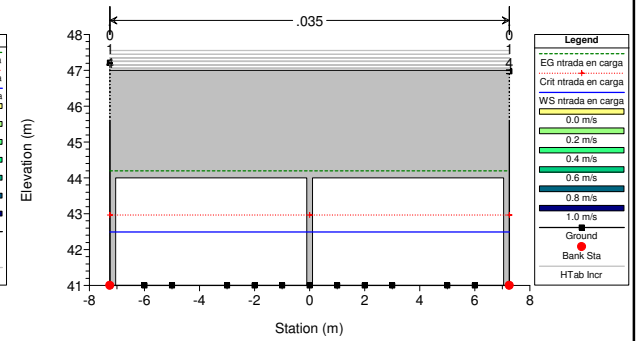
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Geom: Solucion7



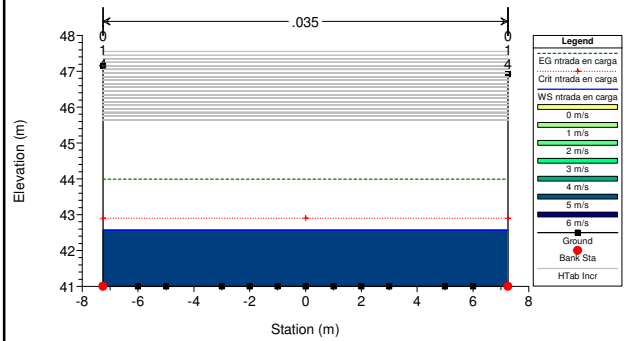
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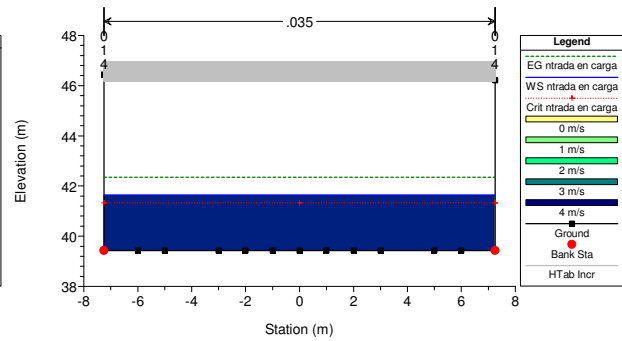
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TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: ntrada en carga

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	ntrada en carga	120.00	47.22	49.81	49.19	50.35	0.003833	3.28	36.62	14.50	0.66
Saleta	21.875*	ntrada en carga	120.00	47.12	49.73	49.09	50.27	0.003682	3.24	37.07	14.50	0.65
Saleta	21.750*	ntrada en carga	120.00	47.01	49.66	48.98	50.18	0.003520	3.19	37.57	14.50	0.63
Saleta	21.625*	ntrada en carga	120.00	46.91	49.59	48.87	50.10	0.003346	3.15	38.15	14.50	0.62
Saleta	21.500*	ntrada en carga	120.00	46.80	49.53	48.77	50.02	0.003159	3.09	38.81	14.50	0.60
Saleta	21.375*	ntrada en carga	120.00	46.69	49.48	48.66	49.95	0.002972	3.04	39.53	14.50	0.59
Saleta	21.250*	ntrada en carga	120.00	46.59	49.42	48.56	49.88	0.002784	2.98	40.31	14.50	0.57
Saleta	21.125*	ntrada en carga	120.00	46.48	49.38	48.45	49.81	0.002598	2.92	41.16	14.50	0.55
Saleta	21	ntrada en carga	120.00	46.37	49.33	48.34	49.75	0.002416	2.85	42.06	14.50	0.53
Saleta	20	Bridge										
Saleta	19	ntrada en carga	120.00	46.19	48.83	48.15	49.35	0.003552	3.20	37.47	14.50	0.64
Saleta	18.750*	ntrada en carga	120.00	46.14	48.80	48.11	49.32	0.003486	3.18	37.68	14.50	0.63
Saleta	18.500*	ntrada en carga	120.00	46.10	48.78	48.07	49.29	0.003421	3.17	37.90	14.50	0.63
Saleta	18.250*	ntrada en carga	120.00	46.06	48.75	48.03	49.25	0.003348	3.15	38.14	14.50	0.62
Saleta	18	ntrada en carga	120.00	46.02	48.73	47.99	49.22	0.003280	3.13	38.38	14.50	0.61
Saleta	17	Bridge										
Saleta	16	ntrada en carga	120.00	45.94	48.51	47.91	49.07	0.003931	3.30	36.35	14.50	0.67
Saleta	15.750*	ntrada en carga	120.00	45.85	48.44	47.82	48.99	0.003803	3.27	36.71	14.50	0.66
Saleta	15.500*	ntrada en carga	120.00	45.76	48.37	47.73	48.91	0.003669	3.23	37.11	14.50	0.65
Saleta	15.250*	ntrada en carga	120.00	45.66	48.31	47.63	48.83	0.003525	3.20	37.56	14.50	0.63
Saleta	15	ntrada en carga	120.00	45.57	48.25	47.54	48.76	0.003366	3.15	38.08	14.50	0.62
Saleta	14	Bridge										
Saleta	13	ntrada en carga	120.00	45.56	48.17	47.53	48.71	0.003672	3.23	37.10	14.50	0.65
Saleta	12.875*	ntrada en carga	120.00	45.51	48.14	47.48	48.67	0.003609	3.22	37.29	14.50	0.64
Saleta	12.750*	ntrada en carga	120.00	45.47	48.11	47.44	48.63	0.003534	3.20	37.53	14.50	0.63
Saleta	12.625*	ntrada en carga	120.00	45.42	48.09	47.39	48.60	0.003465	3.18	37.75	14.50	0.63
Saleta	12.500*	ntrada en carga	120.00	45.38	48.06	47.35	48.57	0.003393	3.16	37.99	14.50	0.62
Saleta	12.375*	ntrada en carga	120.00	45.34	48.03	47.30	48.53	0.003320	3.14	38.24	14.50	0.62
Saleta	12.250*	ntrada en carga	120.00	45.29	48.00	47.26	48.50	0.003240	3.12	38.52	14.50	0.61
Saleta	12.125*	ntrada en carga	120.00	45.25	47.98	47.22	48.47	0.003165	3.09	38.79	14.50	0.60
Saleta	12	ntrada en carga	120.00	45.20	47.96	47.17	48.44	0.003089	3.07	39.08	14.50	0.60
Saleta	11	Bridge										
Saleta	10	ntrada en carga	120.00	45.14	47.61	47.11	48.21	0.004453	3.43	35.01	14.50	0.70
Saleta	9.9600*	ntrada en carga	120.00	45.09	47.56	47.06	48.16	0.004437	3.42	35.05	14.50	0.70
Saleta	9.9200*	ntrada en carga	120.00	45.04	47.52	47.01	48.12	0.004420	3.42	35.09	14.50	0.70
Saleta	9.8800*	ntrada en carga	120.00	44.99	47.48	46.96	48.07	0.004389	3.41	35.17	14.50	0.70
Saleta	9.8400*	ntrada en carga	120.00	44.95	47.43	46.92	48.03	0.004364	3.41	35.23	14.50	0.70
Saleta	9.8000*	ntrada en carga	120.00	44.90	47.39	46.87	47.98	0.004339	3.40	35.29	14.50	0.70
Saleta	9.7600*	ntrada en carga	120.00	44.85	47.35	46.82	47.94	0.004311	3.39	35.36	14.50	0.69
Saleta	9.7200*	ntrada en carga	120.00	44.81	47.31	46.78	47.89	0.004280	3.39	35.43	14.50	0.69
Saleta	9.6800*	ntrada en carga	120.00	44.76	47.27	46.73	47.85	0.004248	3.38	35.51	14.50	0.69
Saleta	9.6400*	ntrada en carga	120.00	44.71	47.23	46.68	47.80	0.004208	3.37	35.61	14.50	0.69
Saleta	9.6	ntrada en carga	120.00	44.66	47.19	46.63	47.76	0.004172	3.36	35.70	14.50	0.68
Saleta	9.5	Bridge										
Saleta	9.4	ntrada en carga	120.00	44.65	47.17	46.62	47.75	0.004162	3.36	35.73	14.50	0.68
Saleta	9.2429*	ntrada en carga	120.00	44.60	47.13	46.57	47.71	0.004127	3.35	35.82	14.50	0.68
Saleta	9.0857*	ntrada en carga	120.00	44.56	47.10	46.53	47.67	0.004077	3.34	35.95	14.50	0.68
Saleta	8.9286*	ntrada en carga	120.00	44.52	47.06	46.49	47.63	0.004027	3.33	36.09	14.50	0.67
Saleta	8.7714*	ntrada en carga	120.00	44.47	47.03	46.44	47.59	0.003985	3.32	36.20	14.50	0.67
Saleta	8.6143*	ntrada en carga	120.00	44.43	46.99	46.40	47.55	0.003928	3.30	36.36	14.50	0.67
Saleta	8.4571*	ntrada en carga	120.00	44.38	46.96	46.35	47.51	0.003871	3.29	36.52	14.50	0.66
Saleta	8.3	ntrada en carga	120.00	44.34	46.93	46.31	47.48	0.003811	3.27	36.69	14.50	0.66
Saleta	8.2	Bridge										
Saleta	8.1	ntrada en carga	120.00	44.32	46.91	46.29	47.45	0.003846	3.28	36.59	14.50	0.66
Saleta	8.0889*	ntrada en carga	120.00	44.28	46.87	46.25	47.42	0.003790	3.27	36.75	14.50	0.66
Saleta	8.0778*	ntrada en carga	120.00	44.24	46.84	46.21	47.38	0.003728	3.25	36.93	14.50	0.65
Saleta	8.0667*	ntrada en carga	120.00	44.20	46.81	46.17	47.35	0.003665	3.23	37.12	14.50	0.65
Saleta	8.0556*	ntrada en carga	120.00	44.15	46.79	46.12	47.31	0.003599	3.22	37.32	14.50	0.64
Saleta	8.0444*	ntrada en carga	120.00	44.11	46.76	46.08	47.28	0.003532	3.20	37.54	14.50	0.63
Saleta	8.0333*	ntrada en carga	120.00	44.07	46.73	46.04	47.24	0.003462	3.18	37.76	14.50	0.63
Saleta	8.0222*	ntrada en carga	120.00	44.02	46.70	45.99	47.21	0.003391	3.16	37.99	14.50	0.62
Saleta	8.0111*	ntrada en carga	120.00	43.98	46.68	45.95	47.18	0.003319	3.14	38.24	14.50	0.62
Saleta	8	ntrada en carga	120.00	43.94	46.65	45.91	47.15	0.003243	3.12	38.51	14.50	0.61
Saleta	7.5	Bridge										
Saleta	7	ntrada en carga	120.00	43.93	46.53	45.90	47.07	0.003739	3.25	36.90	14.50	0.65
Saleta	6.8750*	ntrada en carga	120.00	43.91	46.51	45.88	47.05	0.003770	3.26	36.81	14.50	0.65
Saleta	6.7500*	ntrada en carga	120.00	43.90	46.49	45.87	47.04	0.003805	3.27	36.71	14.50	0.66
Saleta	6.6250*	ntrada en carga	120.00	43.89	46.47	45.86	47.02	0.003843	3.28	36.60	14.50	0.66
Saleta	6.5000*	ntrada en carga	120.00	43.88	46.45	45.84	47.00	0.003874	3.29	36.51	14.50	0.66
Saleta	6.3750*	ntrada en carga	120.00	43.86	46.43	45.83	46.98	0.003915	3.30	36.39	14.50	0.66
Saleta	6.2500*	ntrada en carga	120.00	43.85	46.41	45.82	46.97	0.003959	3.31	36.27	14.50	0.67
Saleta	6.1250*	ntrada en carga	120.00	43.84	46.39	45.81	46.95	0.004004	3.32	36.15	14.50	0.67
Saleta	6	ntrada en carga	120.00	43.82	46.37	45.79	46.93	0.004047	3.33	36.03	14.50	0.67
Saleta	5.8750*	ntrada en carga	120.00	43.81	46.34	45.78	46.91	0.004095	3.34	35.91	14.50	0.68
Saleta	5.7500*	ntrada en carga	120.00	43.80	46.32	45.77	46.89	0.004157	3.36	35.74	14.50	0.68
Saleta	5.6250*	ntrada en carga	120.00	43.78	46.30	45.75	46.88	0.004221	3.37	35.58	14.50	0.69
Saleta	5.5000*	ntrada en carga	120.00	43.77	46.27	45.74	46.86	0.004281	3.39	35.43	14.50	0.69
Saleta	5.3750*	ntrada en carga	120.00	43.76	46.25	45.73	46.84	0.004355	3.40	35.25	14.50	0.70
Saleta	5.2500*	ntrada en carga	120.00	43.74	46.22	45.71	46.82	0.004438	3.42	35.05	14.50	0.70
Saleta	5.1250*	ntrada en carga	120.00	43.73	46.19	45.70	46.80	0.004515	3.44	34.87	14.50	0.71
Saleta	5	ntrada en carga	120.00	43.72	46.16	45.69	46.78	0.004622	3.47	34.62	14.50	0.72
Saleta	4.8333*	ntrada en carga	120.00	43.71	46.15	45.68	46.77	0.004663	3.48	34.53	14.50	0.72
Saleta	4.6667*	ntrada en carga	120.00	43.70	46.14	45.67	46.76	0.004705	3.48	34.44	14.50	0.72
Saleta	4.5000*	ntrada en carga	120.00	43.70	46.12	45.67	46.75	0.004750	3.49	34.34	14.50	0.73
Saleta	4.3333*	ntrada en carga	120.00	43.69	46.11	45.66	46.74	0.004796	3.50	34.24	14.50	0.73
Saleta	4.1667*	ntrada en carga	120.00	43.69	46.10	45.66	46.73	0.004846	3.52	34.14	14.50	0.73
Saleta	4	ntrada en carga	120.00	43.68	46.09	45.65	46.72	0.004889	3.52	34.05	14.50	0.73
Saleta	3.8333*	ntrada en carga	120.00	43.67	46.05	45.63	46.69	0.005054	3.56	33.71	14.50	0.75

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: ntrada en carga (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Saleta	3.6667*	ntrada en carga	120.00	43.65	46.01	45.62	46.67	0.005254	3.60	33.32	14.50	0.76
Saleta	3.5000*	ntrada en carga	120.00	43.64	45.96	45.61	46.64	0.005508	3.65	32.85	14.50	0.78
Saleta	3.3333*	ntrada en carga	120.00	43.62	45.91	45.59	46.61	0.005844	3.72	32.27	14.50	0.80
Saleta	3.1667*	ntrada en carga	120.00	43.61	45.84	45.58	46.58	0.006337	3.81	31.50	14.50	0.83
Saleta	3	ntrada en carga	120.00	43.59	45.56	45.56	46.52	0.009713	4.33	27.71	14.50	1.00
Saleta	2.8750*	ntrada en carga	120.00	43.38	45.00	45.35	46.44	0.019202	5.31	22.59	14.50	1.36
Saleta	2.7500*	ntrada en carga	120.00	43.18	44.67	45.15	46.36	0.025014	5.75	20.86	14.50	1.53
Saleta	2.6250*	ntrada en carga	120.00	42.97	44.39	44.94	46.27	0.030118	6.08	19.73	14.50	1.66
Saleta	2.5000*	ntrada en carga	120.00	42.76	44.12	44.73	46.17	0.034710	6.35	18.91	14.50	1.77
Saleta	2.3750*	ntrada en carga	120.00	42.55	43.87	44.52	46.07	0.038956	6.57	18.27	14.50	1.87
Saleta	2.2500*	ntrada en carga	120.00	42.34	43.62	44.31	45.95	0.042848	6.76	17.75	14.50	1.95
Saleta	2.1250*	ntrada en carga	120.00	42.13	43.38	44.10	45.83	0.046446	6.93	17.33	14.50	2.02
Saleta	2	ntrada en carga	120.00	41.92	43.15	43.89	45.70	0.049656	7.07	16.98	14.50	2.08
Saleta	1.9167*	ntrada en carga	120.00	41.85	43.06	43.81	45.65	0.051144	7.13	16.83	14.50	2.11
Saleta	1.8333*	ntrada en carga	120.00	41.77	42.96	43.72	45.59	0.052536	7.19	16.70	14.50	2.14
Saleta	1.7500*	ntrada en carga	120.00	41.69	42.87	43.64	45.54	0.053876	7.24	16.57	14.50	2.16
Saleta	1.6667*	ntrada en carga	120.00	41.61	42.78	43.55	45.49	0.055148	7.29	16.45	14.50	2.19
Saleta	1.5833*	ntrada en carga	120.00	41.54	42.69	43.47	45.43	0.056345	7.34	16.35	14.50	2.21
Saleta	1.5000*	ntrada en carga	120.00	41.46	42.60	43.39	45.38	0.057481	7.39	16.25	14.50	2.23
Saleta	1.4167*	ntrada en carga	120.00	41.38	42.51	43.30	45.32	0.058649	7.43	16.15	14.50	2.25
Saleta	1.3333*	ntrada en carga	120.00	41.31	42.42	43.22	45.27	0.059718	7.47	16.06	14.50	2.27
Saleta	1.2500*	ntrada en carga	120.00	41.23	42.34	43.14	45.21	0.060674	7.51	15.98	14.50	2.28
Saleta	1.1667*	ntrada en carga	120.00	41.15	42.25	43.06	45.15	0.061580	7.54	15.91	14.50	2.30
Saleta	1.0833*	ntrada en carga	120.00	41.08	42.17	42.98	45.09	0.062429	7.57	15.85	14.50	2.31
Saleta	1	ntrada en carga	120.00	41.00	42.09	42.91	45.03	0.063081	7.60	15.80	14.50	2.32
Saleta	0.9	Culvert										
Saleta	0.7	ntrada en carga	120.00	41.00	42.57	42.91	43.99	0.018709	5.28	22.75	14.50	1.35
Saleta	0.69412*	ntrada en carga	120.00	40.91	43.09	42.81	43.82	0.006267	3.80	31.58	14.50	0.82
Saleta	0.68824*	ntrada en carga	120.00	40.81	42.99	42.72	43.73	0.006254	3.80	31.60	14.50	0.82
Saleta	0.68235*	ntrada en carga	120.00	40.72	42.90	42.63	43.64	0.006259	3.80	31.59	14.50	0.82
Saleta	0.67647*	ntrada en carga	120.00	40.63	42.81	42.54	43.54	0.006248	3.80	31.61	14.50	0.82
Saleta	0.67059*	ntrada en carga	120.00	40.54	42.72	42.44	43.45	0.006247	3.80	31.61	14.50	0.82
Saleta	0.66471*	ntrada en carga	120.00	40.45	42.63	42.35	43.36	0.006234	3.79	31.63	14.50	0.82
Saleta	0.65882*	ntrada en carga	120.00	40.35	42.53	42.26	43.27	0.006230	3.79	31.63	14.50	0.82
Saleta	0.65294*	ntrada en carga	120.00	40.26	42.44	42.17	43.18	0.006225	3.79	31.64	14.50	0.82
Saleta	0.64706*	ntrada en carga	120.00	40.17	42.35	42.07	43.08	0.006210	3.79	31.66	14.50	0.82
Saleta	0.64118*	ntrada en carga	120.00	40.08	42.26	41.98	42.99	0.006202	3.79	31.68	14.50	0.82
Saleta	0.63529*	ntrada en carga	120.00	39.98	42.17	41.89	42.90	0.006183	3.78	31.71	14.50	0.82
Saleta	0.62941*	ntrada en carga	120.00	39.89	42.08	41.80	42.81	0.006170	3.78	31.73	14.50	0.82
Saleta	0.62353*	ntrada en carga	120.00	39.80	41.99	41.70	42.72	0.006146	3.78	31.76	14.50	0.82
Saleta	0.61765*	ntrada en carga	120.00	39.71	41.90	41.61	42.62	0.006128	3.77	31.79	14.50	0.81
Saleta	0.61176*	ntrada en carga	120.00	39.61	41.81	41.52	42.53	0.006087	3.77	31.85	14.50	0.81
Saleta	0.60588*	ntrada en carga	120.00	39.52	41.72	41.43	42.44	0.006052	3.76	31.91	14.50	0.81
Saleta	0.6	ntrada en carga	120.00	39.43	41.63	41.33	42.35	0.006007	3.75	31.98	14.50	0.81

Análisis de la problemática de inundabilidad en el municipio del Aldaia y propuesta de soluciones.

13. Situación Q=130

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 130 m³/seg.

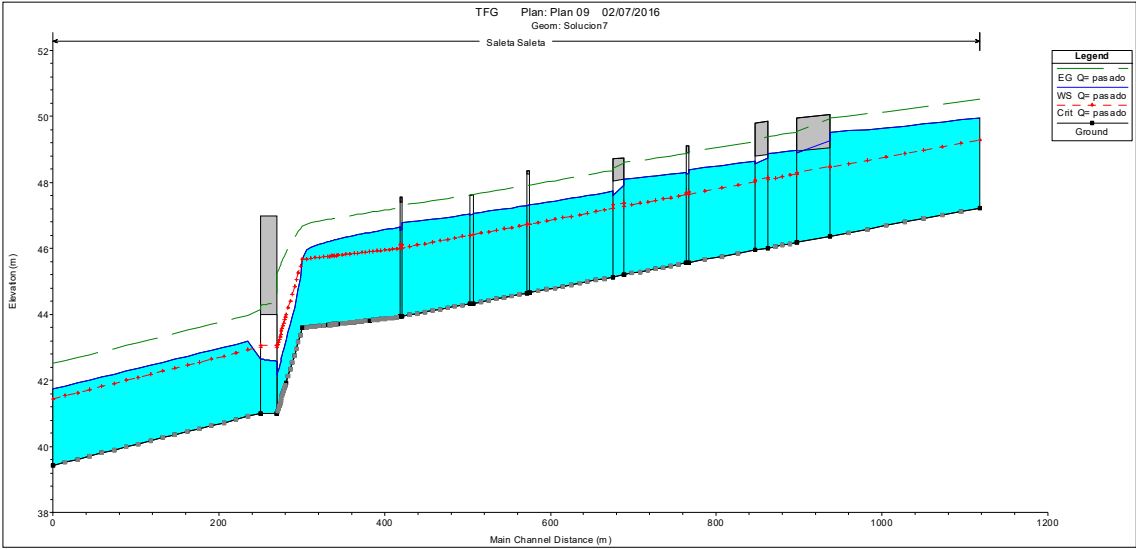
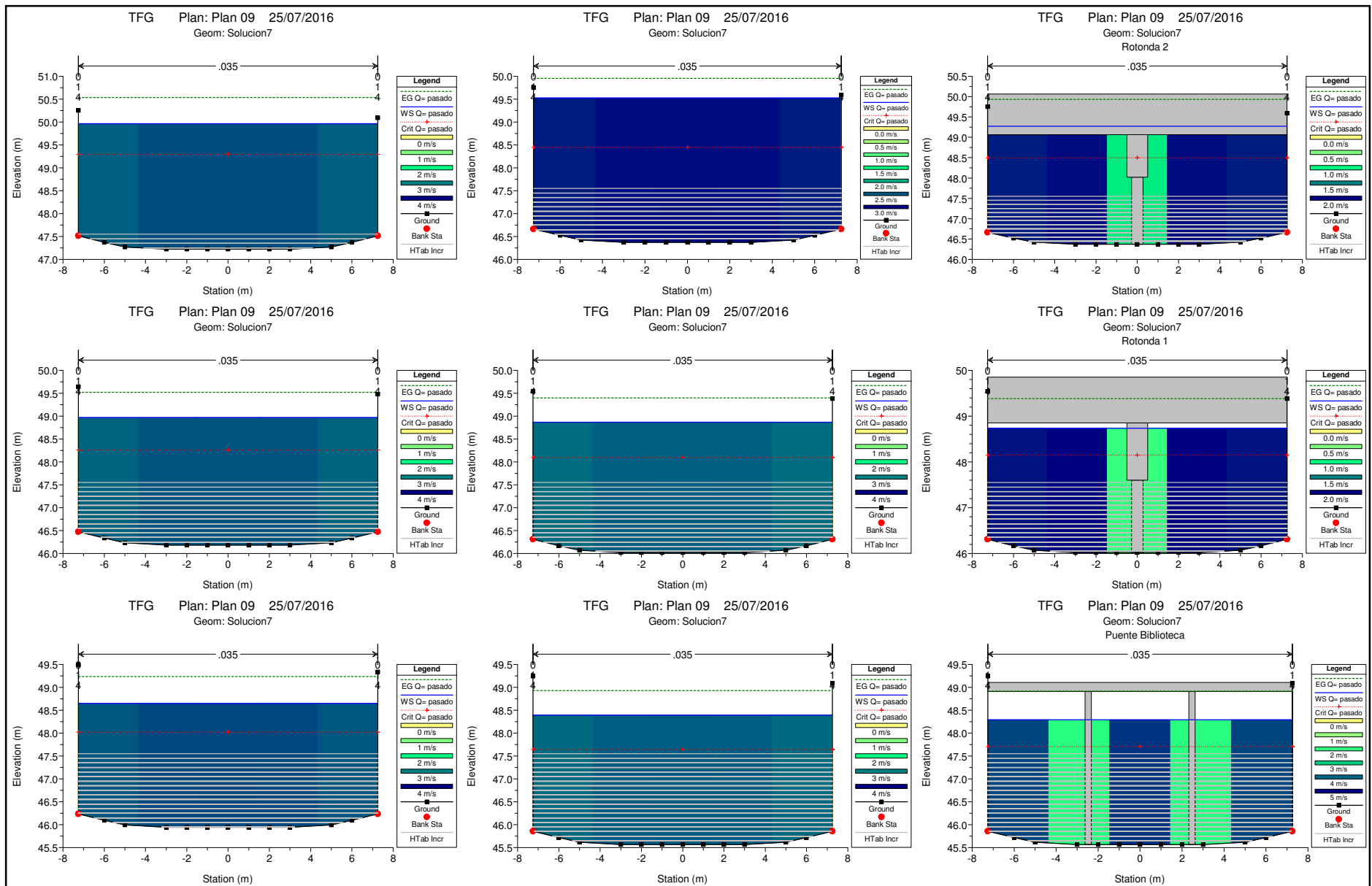
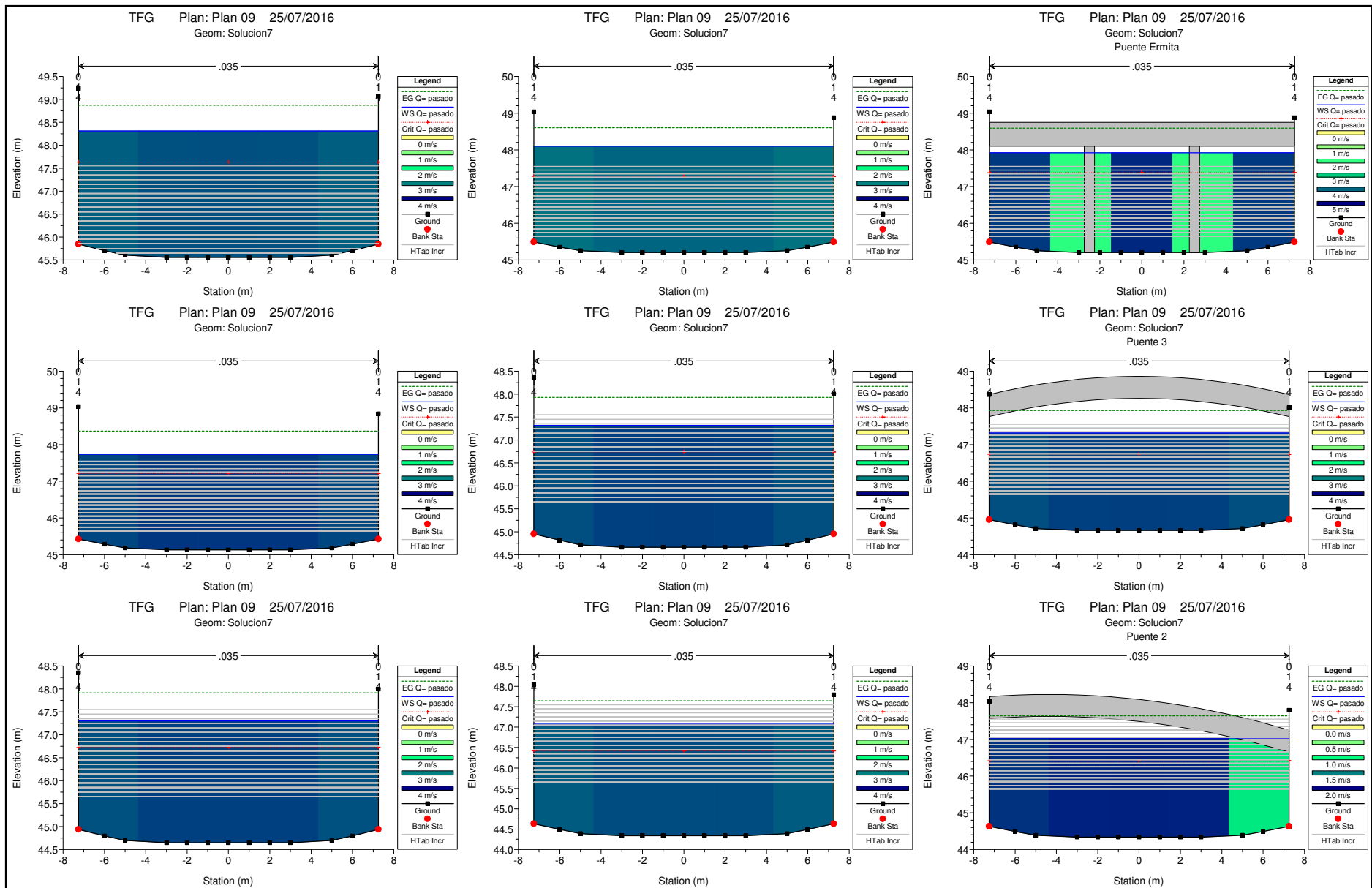
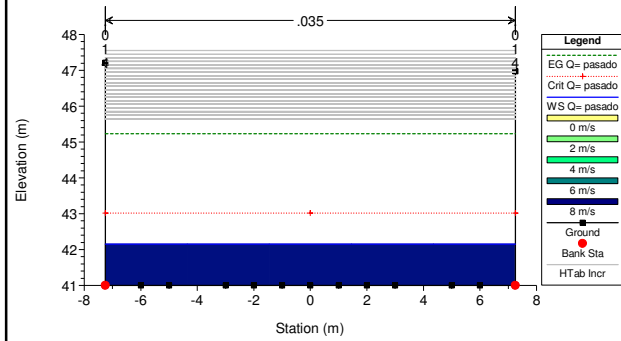


Figura 13.1. Sección longitudinal de la solución propuesta para Q = 130m³/seg.

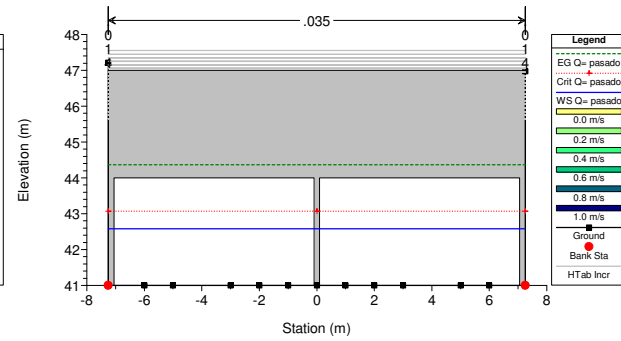




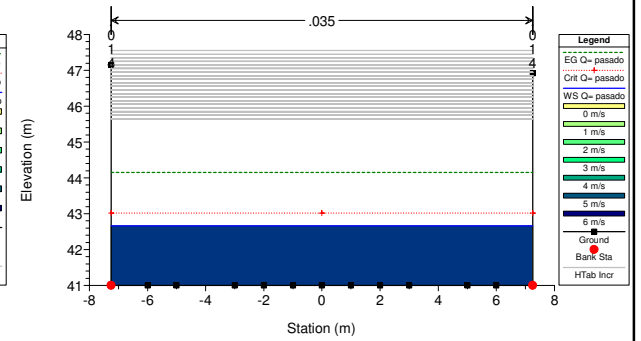
TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



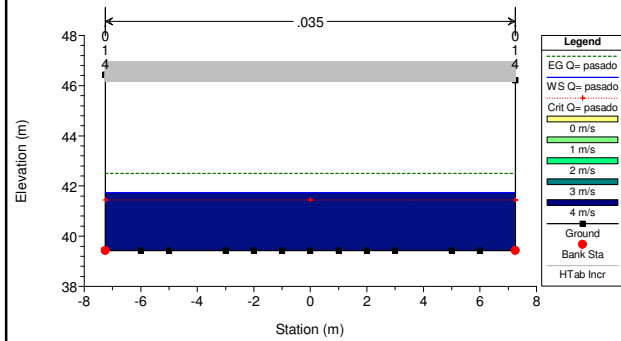
TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q= pasado

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	Q= pasado	130.00	47.22	49.97	49.30	50.53	0.003673	3.34	38.92	14.50	0.65
Saleta	21.875*	Q= pasado	130.00	47.12	49.90	49.19	50.45	0.003515	3.30	39.44	14.50	0.64
Saleta	21.750*	Q= pasado	130.00	47.01	49.83	49.09	50.37	0.003350	3.25	40.01	14.50	0.62
Saleta	21.625*	Q= pasado	130.00	46.91	49.77	48.98	50.29	0.003175	3.20	40.66	14.50	0.61
Saleta	21.500*	Q= pasado	130.00	46.80	49.71	48.87	50.21	0.002992	3.14	41.39	14.50	0.59
Saleta	21.375*	Q= pasado	130.00	46.69	49.66	48.77	50.14	0.002812	3.08	42.17	14.50	0.58
Saleta	21.250*	Q= pasado	130.00	46.59	49.61	48.66	50.08	0.002633	3.02	43.01	14.50	0.56
Saleta	21.125*	Q= pasado	130.00	46.48	49.57	48.55	50.01	0.002458	2.96	43.91	14.50	0.54
Saleta	21	Q= pasado	130.00	46.37	49.53	48.45	49.95	0.002288	2.90	44.86	14.50	0.53
Saleta	20	Bridge										
Saleta	19	Q= pasado	130.00	46.19	48.97	48.26	49.52	0.003492	3.29	39.51	14.50	0.64
Saleta	18.750*	Q= pasado	130.00	46.14	48.94	48.22	49.49	0.003428	3.27	39.74	14.50	0.63
Saleta	18.500*	Q= pasado	130.00	46.10	48.92	48.18	49.46	0.003364	3.25	39.96	14.50	0.63
Saleta	18.250*	Q= pasado	130.00	46.06	48.89	48.14	49.43	0.003293	3.23	40.22	14.50	0.62
Saleta	18	Q= pasado	130.00	46.02	48.87	48.09	49.40	0.003228	3.21	40.46	14.50	0.61
Saleta	17	Bridge										
Saleta	16	Q= pasado	130.00	45.94	48.65	48.02	49.23	0.003868	3.39	38.32	14.50	0.67
Saleta	15.750*	Q= pasado	130.00	45.85	48.58	47.92	49.15	0.003740	3.36	38.71	14.50	0.66
Saleta	15.500*	Q= pasado	130.00	45.76	48.51	47.83	49.08	0.003607	3.32	39.13	14.50	0.65
Saleta	15.250*	Q= pasado	130.00	45.66	48.45	47.74	49.00	0.003466	3.28	39.60	14.50	0.63
Saleta	15	Q= pasado	130.00	45.57	48.39	47.64	48.93	0.003312	3.24	40.15	14.50	0.62
Saleta	14	Bridge										
Saleta	13	Q= pasado	130.00	45.56	48.31	47.63	48.87	0.003624	3.33	39.08	14.50	0.65
Saleta	12.875*	Q= pasado	130.00	45.51	48.28	47.59	48.84	0.003562	3.31	39.28	14.50	0.64
Saleta	12.750*	Q= pasado	130.00	45.47	48.25	47.54	48.80	0.003489	3.29	39.53	14.50	0.64
Saleta	12.625*	Q= pasado	130.00	45.42	48.22	47.50	48.77	0.003422	3.27	39.76	14.50	0.63
Saleta	12.500*	Q= pasado	130.00	45.38	48.20	47.45	48.73	0.003351	3.25	40.01	14.50	0.62
Saleta	12.375*	Q= pasado	130.00	45.34	48.17	47.41	48.70	0.003281	3.23	40.26	14.50	0.62
Saleta	12.250*	Q= pasado	130.00	45.29	48.15	47.36	48.67	0.003203	3.21	40.55	14.50	0.61
Saleta	12.125*	Q= pasado	130.00	45.25	48.12	47.32	48.64	0.003131	3.18	40.83	14.50	0.61
Saleta	12	Q= pasado	130.00	45.20	48.10	47.28	48.61	0.003058	3.16	41.12	14.50	0.60
Saleta	11	Bridge										
Saleta	10	Q= pasado	130.00	45.14	47.73	47.21	48.37	0.004419	3.53	36.82	14.50	0.71
Saleta	9.9600*	Q= pasado	130.00	45.09	47.69	47.16	48.32	0.004402	3.53	36.86	14.50	0.71
Saleta	9.9200*	Q= pasado	130.00	45.04	47.65	47.12	48.28	0.004380	3.52	36.92	14.50	0.70
Saleta	9.8800*	Q= pasado	130.00	44.99	47.60	47.07	48.23	0.004347	3.51	37.00	14.50	0.70
Saleta	9.8400*	Q= pasado	130.00	44.95	47.56	47.02	48.19	0.004321	3.51	37.07	14.50	0.70
Saleta	9.8000*	Q= pasado	130.00	44.90	47.52	46.97	48.14	0.004294	3.50	37.14	14.50	0.70
Saleta	9.7600*	Q= pasado	130.00	44.85	47.48	46.93	48.10	0.004265	3.49	37.22	14.50	0.70
Saleta	9.7200*	Q= pasado	130.00	44.81	47.44	46.88	48.06	0.004232	3.49	37.30	14.50	0.69
Saleta	9.6800*	Q= pasado	130.00	44.76	47.40	46.83	48.01	0.004199	3.48	37.39	14.50	0.69
Saleta	9.6400*	Q= pasado	130.00	44.71	47.36	46.79	47.97	0.004149	3.46	37.52	14.50	0.69
Saleta	9.6	Q= pasado	130.00	44.66	47.32	46.74	47.93	0.004112	3.46	37.62	14.50	0.69
Saleta	9.5	Bridge										
Saleta	9.4	Q= pasado	130.00	44.65	47.30	46.72	47.91	0.004102	3.45	37.65	14.50	0.68
Saleta	9.2429*	Q= pasado	130.00	44.60	47.27	46.68	47.87	0.004061	3.44	37.77	14.50	0.68
Saleta	9.0857*	Q= pasado	130.00	44.56	47.23	46.63	47.83	0.004010	3.43	37.91	14.50	0.68
Saleta	8.9286*	Q= pasado	130.00	44.52	47.20	46.59	47.79	0.003959	3.42	38.06	14.50	0.67
Saleta	8.7714*	Q= pasado	130.00	44.47	47.17	46.55	47.76	0.003912	3.40	38.19	14.50	0.67
Saleta	8.6143*	Q= pasado	130.00	44.43	47.13	46.50	47.72	0.003854	3.39	38.36	14.50	0.67
Saleta	8.4571*	Q= pasado	130.00	44.38	47.10	46.46	47.68	0.003796	3.37	38.54	14.50	0.66
Saleta	8.3	Q= pasado	130.00	44.34	47.07	46.42	47.64	0.003736	3.36	38.72	14.50	0.66
Saleta	8.2	Bridge										
Saleta	8.1	Q= pasado	130.00	44.32	47.04	46.40	47.62	0.003824	3.38	38.45	14.50	0.66
Saleta	8.0889*	Q= pasado	130.00	44.28	47.00	46.36	47.58	0.003768	3.37	38.62	14.50	0.66
Saleta	8.0778*	Q= pasado	130.00	44.24	46.97	46.31	47.55	0.003709	3.35	38.81	14.50	0.65
Saleta	8.0667*	Q= pasado	130.00	44.20	46.94	46.27	47.51	0.003647	3.33	39.00	14.50	0.65
Saleta	8.0556*	Q= pasado	130.00	44.15	46.92	46.23	47.48	0.003584	3.32	39.21	14.50	0.64
Saleta	8.0444*	Q= pasado	130.00	44.11	46.89	46.18	47.44	0.003519	3.30	39.43	14.50	0.64
Saleta	8.0333*	Q= pasado	130.00	44.07	46.86	46.14	47.41	0.003452	3.28	39.65	14.50	0.63
Saleta	8.0222*	Q= pasado	130.00	44.02	46.83	46.10	47.38	0.003384	3.26	39.89	14.50	0.63
Saleta	8.0111*	Q= pasado	130.00	43.98	46.81	46.06	47.34	0.003314	3.24	40.14	14.50	0.62
Saleta	8	Q= pasado	130.00	43.94	46.78	46.01	47.31	0.003241	3.22	40.41	14.50	0.62
Saleta	7.5	Bridge										
Saleta	7	Q= pasado	130.00	43.93	46.65	46.00	47.23	0.003760	3.36	38.65	14.50	0.66
Saleta	6.8750*	Q= pasado	130.00	43.91	46.63	45.99	47.21	0.003790	3.37	38.56	14.50	0.66
Saleta	6.7500*	Q= pasado	130.00	43.90	46.61	45.98	47.20	0.003825	3.38	38.45	14.50	0.66
Saleta	6.6250*	Q= pasado	130.00	43.89	46.59	45.96	47.18	0.003862	3.39	38.34	14.50	0.67
Saleta	6.5000*	Q= pasado	130.00	43.88	46.57	45.95	47.16	0.003893	3.40	38.25	14.50	0.67
Saleta	6.3750*	Q= pasado	130.00	43.86	46.55	45.94	47.14	0.003933	3.41	38.13	14.50	0.67
Saleta	6.2500*	Q= pasado	130.00	43.85	46.53	45.92	47.13	0.003976	3.42	38.01	14.50	0.67
Saleta	6.1250*	Q= pasado	130.00	43.84	46.51	45.91	47.11	0.004020	3.43	37.88	14.50	0.68
Saleta	6	Q= pasado	130.00	43.82	46.49	45.90	47.09	0.004062	3.44	37.76	14.50	0.68
Saleta	5.8750*	Q= pasado	130.00	43.81	46.46	45.88	47.07	0.004108	3.45	37.63	14.50	0.68
Saleta	5.7500*	Q= pasado	130.00	43.80	46.44	45.87	47.05	0.004169	3.47	37.47	14.50	0.69
Saleta	5.6250*	Q= pasado	130.00	43.78	46.41	45.86	47.03	0.004231	3.49	37.30	14.50	0.69
Saleta	5.5000*	Q= pasado	130.00	43.77	46.39	45.84	47.01	0.004290	3.50	37.15	14.50	0.70
Saleta	5.3750*	Q= pasado	130.00	43.76	46.36	45.83	46.99	0.004362	3.52	36.97	14.50	0.70
Saleta	5.2500*	Q= pasado	130.00	43.74	46.34	45.82	46.97	0.004442	3.54	36.76	14.50	0.71
Saleta	5.1250*	Q= pasado	130.00	43.73	46.31	45.80	46.95	0.004516	3.55	36.58	14.50	0.71
Saleta	5	Q= pasado	130.00	43.72	46.28	45.79	46.93	0.004619	3.58	36.33	14.50	0.72
Saleta	4.8333*	Q= pasado	130.00	43.71	46.27	45.78	46.92	0.004658	3.59	36.24	14.50	0.72
Saleta	4.6667*	Q= pasado	130.00	43.70	46.26	45.78	46.92	0.004699	3.60	36.15	14.50	0.73
Saleta	4.5000*	Q= pasado	130.00	43.70	46.24	45.77	46.91	0.004741	3.61	36.05	14.50	0.73
Saleta	4.3333*	Q= pasado	130.00	43.69	46.23	45.77	46.90	0.004784	3.62	35.95	14.50	0.73
Saleta	4.1667*	Q= pasado	130.00	43.69	46.22	45.76	46.89	0.004832	3.63	35.85	14.50	0.74
Saleta	4	Q= pasado	130.00	43.68	46.20	45.75	46.88	0.004873	3.64	35.76	14.50	0.74
Saleta	3.8333*	Q= pasado	130.00	43.67	46.17	45.74	46.85	0.005030	3.67	35.42	14.50	0.75

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: Q= pasado (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	3.6667*	Q= pasado	130.00	43.65	46.13	45.73	46.83	0.005218	3.71	35.03	14.50	0.76
Saleta	3.5000*	Q= pasado	130.00	43.64	46.08	45.71	46.80	0.005455	3.76	34.57	14.50	0.78
Saleta	3.3333*	Q= pasado	130.00	43.62	46.03	45.70	46.77	0.005766	3.82	34.00	14.50	0.80
Saleta	3.1667*	Q= pasado	130.00	43.61	45.96	45.68	46.74	0.006212	3.91	33.24	14.50	0.82
Saleta	3	Q= pasado	130.00	43.59	45.67	45.67	46.68	0.009535	4.45	29.23	14.50	1.00
Saleta	2.8750*	Q= pasado	130.00	43.38	45.10	45.46	46.60	0.018511	5.43	23.96	14.50	1.35
Saleta	2.7500*	Q= pasado	130.00	43.18	44.76	45.25	46.52	0.024035	5.87	22.15	14.50	1.52
Saleta	2.6250*	Q= pasado	130.00	42.97	44.47	45.04	46.43	0.028892	6.20	20.96	14.50	1.65
Saleta	2.5000*	Q= pasado	130.00	42.76	44.20	44.83	46.34	0.033298	6.47	20.09	14.50	1.76
Saleta	2.3750*	Q= pasado	130.00	42.55	43.95	44.62	46.23	0.037370	6.70	19.41	14.50	1.85
Saleta	2.2500*	Q= pasado	130.00	42.34	43.70	44.41	46.12	0.041127	6.89	18.86	14.50	1.93
Saleta	2.1250*	Q= pasado	130.00	42.13	43.46	44.21	46.00	0.044620	7.07	18.40	14.50	2.00
Saleta	2	Q= pasado	130.00	41.92	43.22	44.00	45.87	0.047749	7.21	18.03	14.50	2.06
Saleta	1.9167*	Q= pasado	130.00	41.85	43.13	43.91	45.83	0.049190	7.28	17.87	14.50	2.09
Saleta	1.8333*	Q= pasado	130.00	41.77	43.03	43.83	45.78	0.050545	7.34	17.72	14.50	2.12
Saleta	1.7500*	Q= pasado	130.00	41.69	42.94	43.74	45.72	0.051853	7.39	17.59	14.50	2.14
Saleta	1.6667*	Q= pasado	130.00	41.61	42.85	43.66	45.67	0.053099	7.45	17.46	14.50	2.17
Saleta	1.5833*	Q= pasado	130.00	41.54	42.75	43.57	45.62	0.054276	7.50	17.34	14.50	2.19
Saleta	1.5000*	Q= pasado	130.00	41.46	42.66	43.49	45.56	0.055398	7.54	17.24	14.50	2.21
Saleta	1.4167*	Q= pasado	130.00	41.38	42.58	43.41	45.51	0.056555	7.59	17.13	14.50	2.23
Saleta	1.3333*	Q= pasado	130.00	41.31	42.49	43.33	45.46	0.057621	7.63	17.03	14.50	2.25
Saleta	1.2500*	Q= pasado	130.00	41.23	42.40	43.25	45.40	0.058582	7.67	16.95	14.50	2.27
Saleta	1.1667*	Q= pasado	130.00	41.15	42.32	43.17	45.35	0.059497	7.71	16.87	14.50	2.28
Saleta	1.0833*	Q= pasado	130.00	41.08	42.24	43.09	45.29	0.060358	7.74	16.79	14.50	2.30
Saleta	1	Q= pasado	130.00	41.00	42.15	43.02	45.23	0.061154	7.77	16.73	14.50	2.31
Saleta	0.9	Culvert										
Saleta	0.7	Q= pasado	130.00	41.00	42.66	43.02	44.15	0.018215	5.40	24.06	14.50	1.34
Saleta	0.69412*	Q= pasado	130.00	40.91	43.19	42.92	43.98	0.006264	3.92	33.14	14.50	0.83
Saleta	0.68824*	Q= pasado	130.00	40.81	43.10	42.83	43.89	0.006252	3.92	33.16	14.50	0.83
Saleta	0.68235*	Q= pasado	130.00	40.72	43.01	42.74	43.79	0.006255	3.92	33.15	14.50	0.83
Saleta	0.67647*	Q= pasado	130.00	40.63	42.92	42.65	43.70	0.006245	3.92	33.17	14.50	0.83
Saleta	0.67059*	Q= pasado	130.00	40.54	42.83	42.55	43.61	0.006242	3.92	33.17	14.50	0.83
Saleta	0.66471*	Q= pasado	130.00	40.45	42.73	42.46	43.52	0.006230	3.92	33.19	14.50	0.83
Saleta	0.65882*	Q= pasado	130.00	40.35	42.64	42.37	43.42	0.006226	3.92	33.20	14.50	0.83
Saleta	0.65294*	Q= pasado	130.00	40.26	42.55	42.28	43.33	0.006220	3.92	33.21	14.50	0.83
Saleta	0.64706*	Q= pasado	130.00	40.17	42.46	42.18	43.24	0.006205	3.91	33.23	14.50	0.83
Saleta	0.64118*	Q= pasado	130.00	40.08	42.37	42.09	43.15	0.006197	3.91	33.24	14.50	0.82
Saleta	0.63529*	Q= pasado	130.00	39.98	42.28	42.00	43.06	0.006178	3.91	33.27	14.50	0.82
Saleta	0.62941*	Q= pasado	130.00	39.89	42.19	41.91	42.96	0.006165	3.90	33.29	14.50	0.82
Saleta	0.62353*	Q= pasado	130.00	39.80	42.10	41.81	42.87	0.006142	3.90	33.33	14.50	0.82
Saleta	0.61765*	Q= pasado	130.00	39.71	42.01	41.72	42.78	0.006124	3.90	33.36	14.50	0.82
Saleta	0.61176*	Q= pasado	130.00	39.61	41.92	41.63	42.69	0.006085	3.89	33.43	14.50	0.82
Saleta	0.60588*	Q= pasado	130.00	39.52	41.83	41.54	42.60	0.006050	3.88	33.48	14.50	0.82
Saleta	0.6	Q= pasado	130.00	39.43	41.74	41.44	42.51	0.006005	3.87	33.56	14.50	0.81

14. Situación Q=150

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 150 m³/seg.

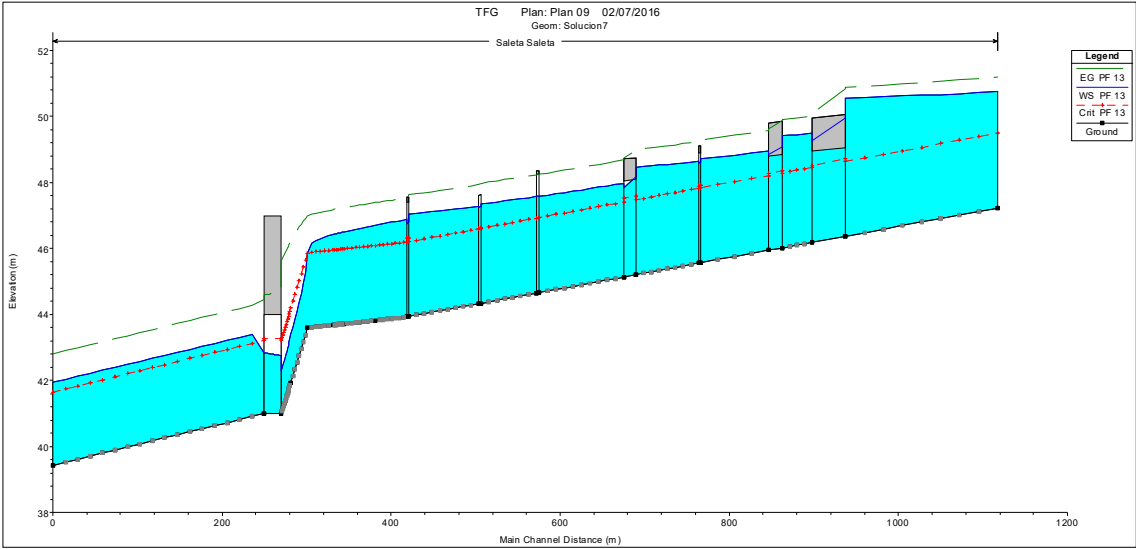
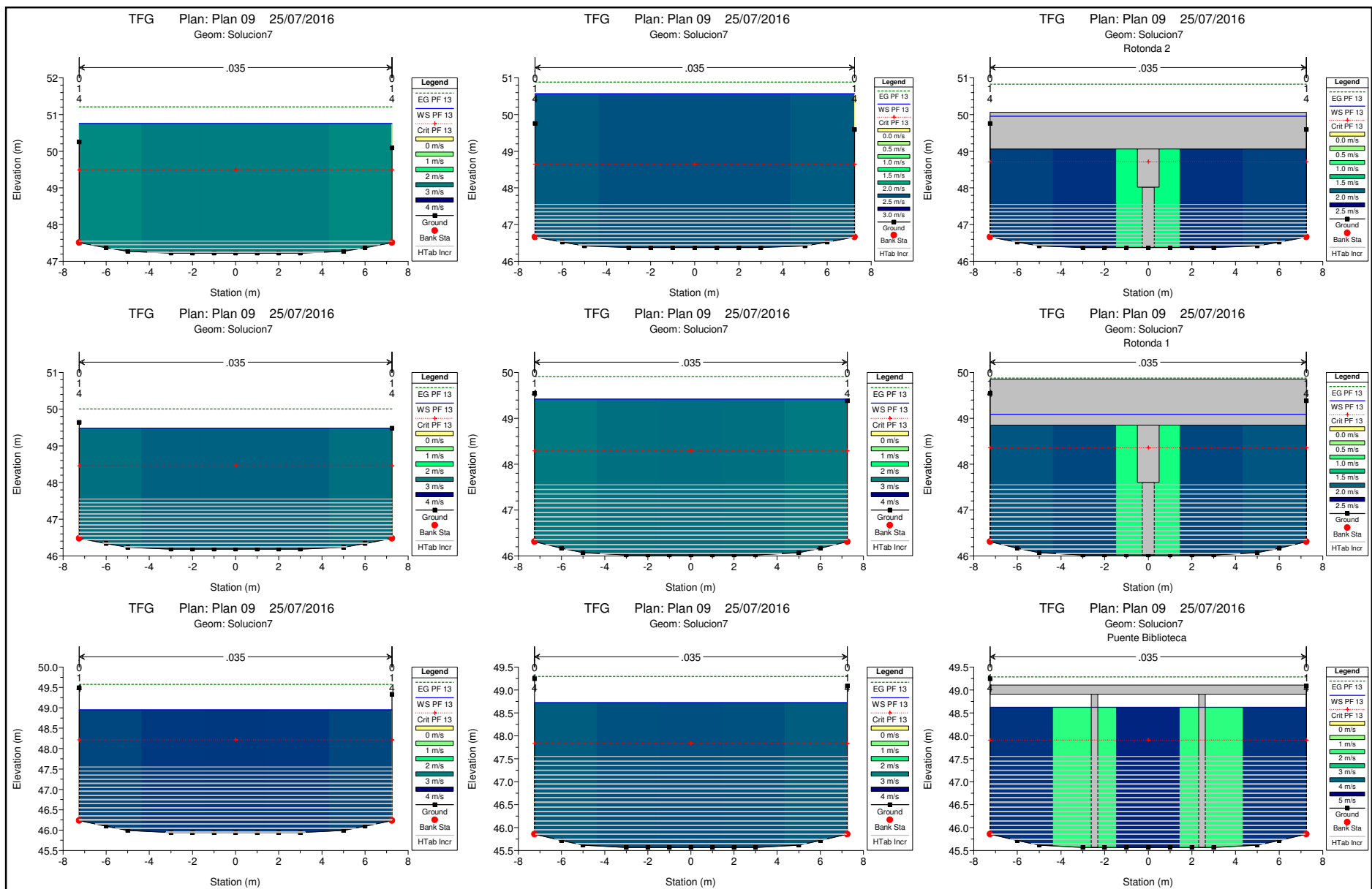
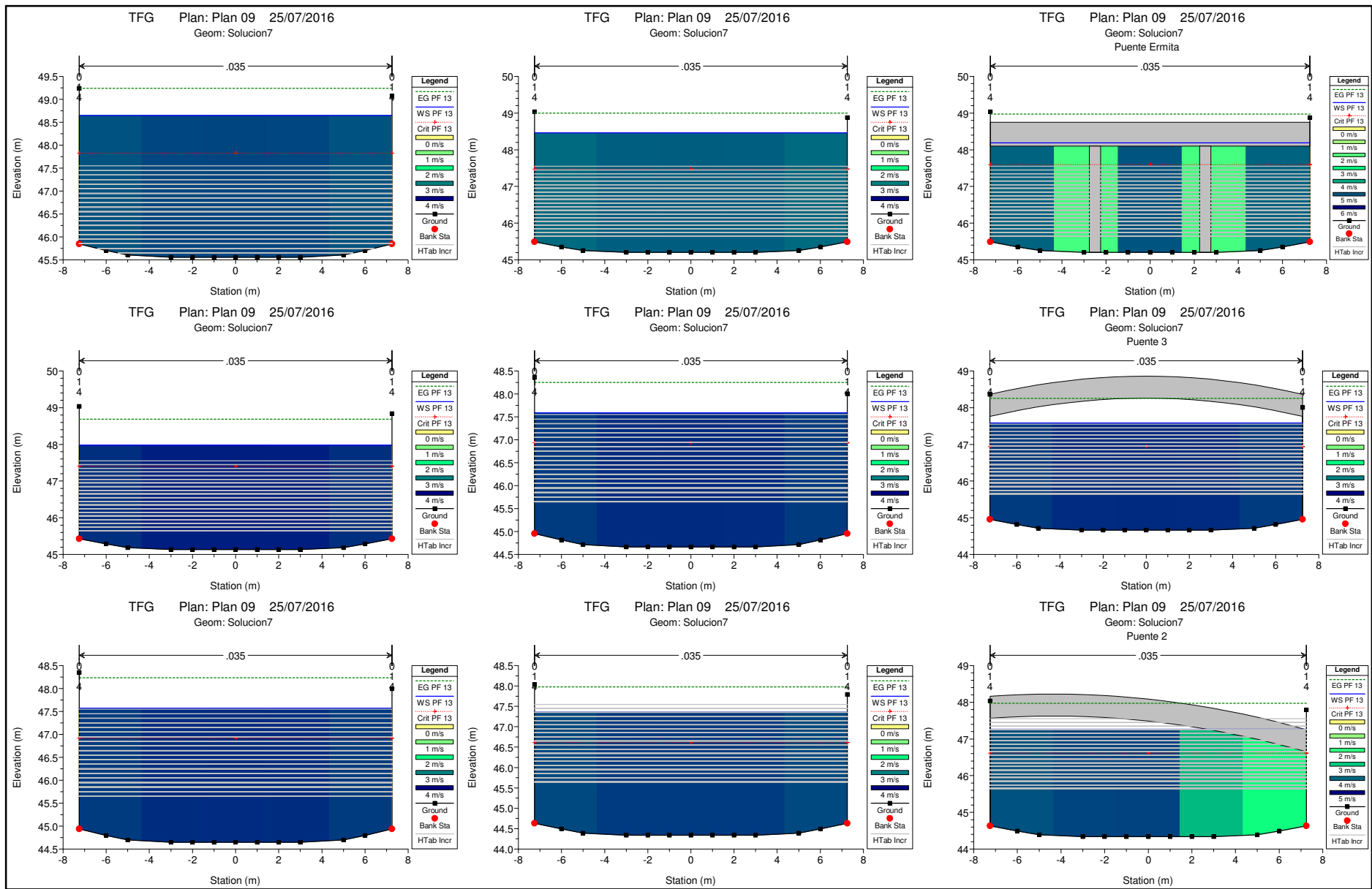
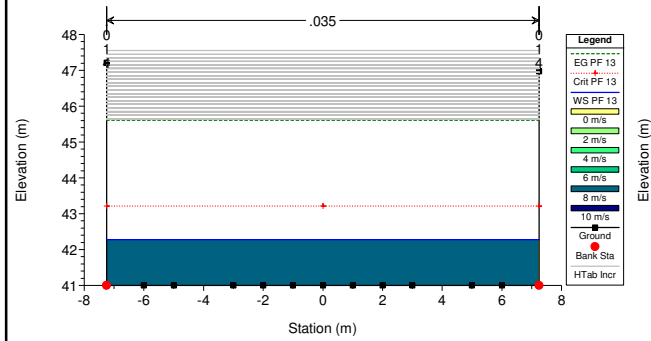


Figura 14.1. Sección longitudinal de la solución propuesta para Q =150m³/seg.

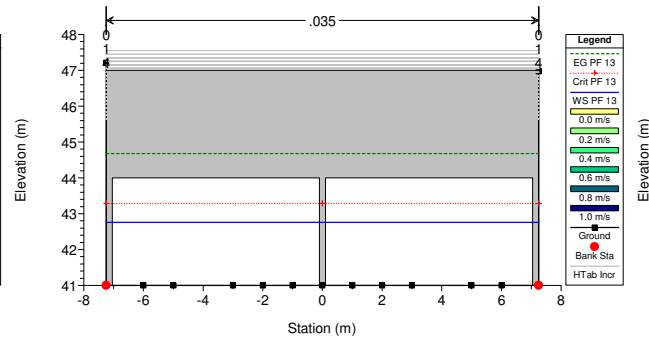




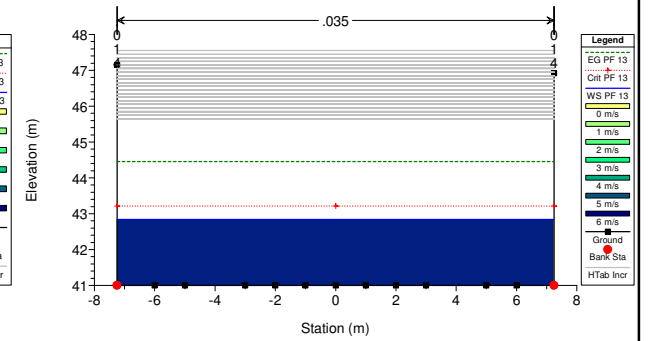
TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



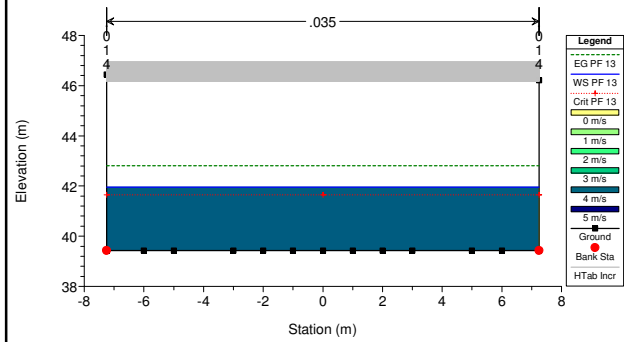
TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: PF 13

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	PF 13	150.00	47.22	50.76	49.49	51.21	0.002068	2.98	50.39	14.50	0.51
Saleta	21.875*	PF 13	150.00	47.12	50.72	49.39	51.16	0.001927	2.91	51.46	14.50	0.49
Saleta	21.750*	PF 13	150.00	47.01	50.70	49.28	51.11	0.001795	2.85	52.57	14.50	0.48
Saleta	21.625*	PF 13	150.00	46.91	50.67	49.18	51.07	0.001670	2.79	53.73	14.50	0.46
Saleta	21.500*	PF 13	150.00	46.80	50.64	49.07	51.02	0.001551	2.73	54.93	14.50	0.45
Saleta	21.375*	PF 13	150.00	46.69	50.62	48.96	50.99	0.001442	2.67	56.14	14.50	0.43
Saleta	21.250*	PF 13	150.00	46.59	50.60	48.86	50.95	0.001341	2.61	57.38	14.50	0.42
Saleta	21.125*	PF 13	150.00	46.48	50.58	48.75	50.92	0.001247	2.56	58.65	14.50	0.41
Saleta	21	PF 13	150.00	46.37	50.57	48.64	50.89	0.001160	2.50	59.94	14.50	0.39
Saleta	20		Bridge									
Saleta	19	PF 13	150.00	46.19	49.48	48.46	50.00	0.002609	3.19	47.00	14.50	0.57
Saleta	18.750*	PF 13	150.00	46.14	49.47	48.41	49.98	0.002545	3.17	47.34	14.50	0.56
Saleta	18.500*	PF 13	150.00	46.10	49.45	48.37	49.96	0.002484	3.15	47.69	14.50	0.55
Saleta	18.250*	PF 13	150.00	46.06	49.43	48.33	49.93	0.002419	3.12	48.07	14.50	0.55
Saleta	18	PF 13	150.00	46.02	49.42	48.29	49.91	0.002359	3.10	48.44	14.50	0.54
Saleta	17		Bridge									
Saleta	16	PF 13	150.00	45.94	48.95	48.21	49.58	0.003588	3.51	42.71	14.50	0.65
Saleta	15.750*	PF 13	150.00	45.85	48.89	48.12	49.50	0.003452	3.47	43.21	14.50	0.64
Saleta	15.500*	PF 13	150.00	45.76	48.83	48.03	49.43	0.003314	3.43	43.74	14.50	0.63
Saleta	15.250*	PF 13	150.00	45.66	48.78	47.93	49.36	0.003171	3.38	44.32	14.50	0.62
Saleta	15	PF 13	150.00	45.57	48.73	47.84	49.29	0.003022	3.34	44.97	14.50	0.60
Saleta	14		Bridge									
Saleta	13	PF 13	150.00	45.56	48.65	47.83	49.24	0.003260	3.41	43.96	14.50	0.63
Saleta	12.875*	PF 13	150.00	45.51	48.62	47.78	49.21	0.003195	3.39	44.22	14.50	0.62
Saleta	12.750*	PF 13	150.00	45.47	48.60	47.74	49.18	0.003122	3.37	44.53	14.50	0.61
Saleta	12.625*	PF 13	150.00	45.42	48.57	47.69	49.14	0.003055	3.35	44.82	14.50	0.61
Saleta	12.500*	PF 13	150.00	45.38	48.55	47.65	49.11	0.002985	3.32	45.13	14.50	0.60
Saleta	12.375*	PF 13	150.00	45.34	48.53	47.60	49.08	0.002917	3.30	45.45	14.50	0.60
Saleta	12.250*	PF 13	150.00	45.29	48.51	47.56	49.05	0.002844	3.28	45.79	14.50	0.59
Saleta	12.125*	PF 13	150.00	45.25	48.49	47.52	49.02	0.002776	3.25	46.13	14.50	0.58
Saleta	12	PF 13	150.00	45.20	48.47	47.47	49.00	0.002707	3.23	46.48	14.50	0.58
Saleta	11		Bridge									
Saleta	10	PF 13	150.00	45.14	47.98	47.41	48.68	0.004324	3.71	40.38	14.50	0.71
Saleta	9.9600*	PF 13	150.00	45.09	47.94	47.36	48.64	0.004299	3.71	40.45	14.50	0.71
Saleta	9.9200*	PF 13	150.00	45.04	47.90	47.31	48.59	0.004273	3.70	40.53	14.50	0.71
Saleta	9.8800*	PF 13	150.00	44.99	47.86	47.26	48.55	0.004233	3.69	40.64	14.50	0.70
Saleta	9.8400*	PF 13	150.00	44.95	47.81	47.22	48.51	0.004203	3.68	40.73	14.50	0.70
Saleta	9.8000*	PF 13	150.00	44.90	47.77	47.17	48.46	0.004171	3.67	40.82	14.50	0.70
Saleta	9.7600*	PF 13	150.00	44.85	47.73	47.12	48.42	0.004138	3.67	40.92	14.50	0.70
Saleta	9.7200*	PF 13	150.00	44.81	47.69	47.08	48.38	0.004097	3.65	41.04	14.50	0.69
Saleta	9.6800*	PF 13	150.00	44.76	47.66	47.03	48.33	0.004053	3.64	41.18	14.50	0.69
Saleta	9.6400*	PF 13	150.00	44.71	47.62	46.98	48.29	0.003999	3.63	41.34	14.50	0.69
Saleta	9.6	PF 13	150.00	44.66	47.58	46.93	48.25	0.003950	3.61	41.50	14.50	0.68
Saleta	9.5		Bridge									
Saleta	9.4	PF 13	150.00	44.65	47.57	46.92	48.24	0.003935	3.61	41.54	14.50	0.68
Saleta	9.2429*	PF 13	150.00	44.60	47.54	46.87	48.20	0.003886	3.60	41.70	14.50	0.68
Saleta	9.0857*	PF 13	150.00	44.56	47.51	46.83	48.16	0.003831	3.58	41.88	14.50	0.67
Saleta	8.9286*	PF 13	150.00	44.52	47.48	46.79	48.12	0.003776	3.57	42.06	14.50	0.67
Saleta	8.7714*	PF 13	150.00	44.47	47.44	46.74	48.09	0.003725	3.55	42.23	14.50	0.66
Saleta	8.6143*	PF 13	150.00	44.43	47.41	46.70	48.05	0.003666	3.53	42.44	14.50	0.66
Saleta	8.4571*	PF 13	150.00	44.38	47.38	46.65	48.02	0.003605	3.52	42.65	14.50	0.65
Saleta	8.3	PF 13	150.00	44.34	47.36	46.61	47.98	0.003544	3.50	42.87	14.50	0.65
Saleta	8.2		Bridge									
Saleta	8.1	PF 13	150.00	44.32	47.28	46.59	47.93	0.003780	3.57	42.05	14.50	0.67
Saleta	8.0889*	PF 13	150.00	44.28	47.25	46.55	47.90	0.003727	3.55	42.23	14.50	0.66
Saleta	8.0778*	PF 13	150.00	44.24	47.22	46.51	47.86	0.003670	3.54	42.42	14.50	0.66
Saleta	8.0667*	PF 13	150.00	44.20	47.19	46.47	47.83	0.003612	3.52	42.62	14.50	0.66
Saleta	8.0556*	PF 13	150.00	44.15	47.17	46.42	47.79	0.003552	3.50	42.84	14.50	0.65
Saleta	8.0444*	PF 13	150.00	44.11	47.14	46.38	47.76	0.003491	3.48	43.06	14.50	0.65
Saleta	8.0333*	PF 13	150.00	44.07	47.11	46.34	47.72	0.003429	3.46	43.29	14.50	0.64
Saleta	8.0222*	PF 13	150.00	44.02	47.09	46.29	47.69	0.003365	3.45	43.54	14.50	0.63
Saleta	8.0111*	PF 13	150.00	43.98	47.06	46.25	47.66	0.003301	3.43	43.79	14.50	0.63
Saleta	8	PF 13	150.00	43.94	47.04	46.21	47.63	0.003233	3.40	44.07	14.50	0.62
Saleta	7.5		Bridge									
Saleta	7	PF 13	150.00	43.93	46.88	46.20	47.53	0.003799	3.57	41.98	14.50	0.67
Saleta	6.8750*	PF 13	150.00	43.91	46.86	46.18	47.52	0.003829	3.58	41.88	14.50	0.67
Saleta	6.7500*	PF 13	150.00	43.90	46.84	46.17	47.50	0.003863	3.59	41.77	14.50	0.68
Saleta	6.6250*	PF 13	150.00	43.89	46.82	46.16	47.48	0.003899	3.60	41.66	14.50	0.68
Saleta	6.5000*	PF 13	150.00	43.88	46.80	46.15	47.46	0.003929	3.61	41.56	14.50	0.68
Saleta	6.3750*	PF 13	150.00	43.86	46.78	46.13	47.45	0.003968	3.62	41.44	14.50	0.68
Saleta	6.2500*	PF 13	150.00	43.85	46.76	46.12	47.43	0.004010	3.63	41.31	14.50	0.69
Saleta	6.1250*	PF 13	150.00	43.84	46.73	46.11	47.41	0.004052	3.64	41.18	14.50	0.69
Saleta	6	PF 13	150.00	43.82	46.71	46.09	47.39	0.004092	3.65	41.06	14.50	0.69
Saleta	5.8750*	PF 13	150.00	43.81	46.69	46.08	47.37	0.004143	3.67	40.91	14.50	0.70
Saleta	5.7500*	PF 13	150.00	43.80	46.66	46.07	47.36	0.004201	3.68	40.74	14.50	0.70
Saleta	5.6250*	PF 13	150.00	43.78	46.64	46.05	47.34	0.004261	3.70	40.56	14.50	0.71
Saleta	5.5000*	PF 13	150.00	43.77	46.61	46.04	47.32	0.004318	3.71	40.40	14.50	0.71
Saleta	5.3750*	PF 13	150.00	43.76	46.59	46.03	47.30	0.004387	3.73	40.21	14.50	0.72
Saleta	5.2500*	PF 13	150.00	43.74	46.56	46.01	47.28	0.004470	3.75	39.98	14.50	0.72
Saleta	5.1250*	PF 13	150.00	43.73	46.53	46.00	47.26	0.004541	3.77	39.80	14.50	0.73
Saleta	5	PF 13	150.00	43.72	46.50	45.99	47.24	0.004640	3.79	39.54	14.50	0.73
Saleta	4.8333*	PF 13	150.00	43.71	46.49	45.98	47.23	0.004677	3.80	39.45	14.50	0.74
Saleta	4.6667*	PF 13	150.00	43.70	46.48	45.97	47.22	0.004715	3.81	39.35	14.50	0.74

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: PF 13 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	PF 13	150.00	43.70	46.46	45.97	47.21	0.004754	3.82	39.25	14.50	0.74
Saleta	4.3333*	PF 13	150.00	43.69	46.45	45.96	47.20	0.004795	3.83	39.15	14.50	0.74
Saleta	4.1667*	PF 13	150.00	43.69	46.44	45.96	47.19	0.004840	3.84	39.04	14.50	0.75
Saleta	4	PF 13	150.00	43.68	46.42	45.95	47.18	0.004878	3.85	38.95	14.50	0.75
Saleta	3.8333*	PF 13	150.00	43.67	46.39	45.93	47.16	0.005026	3.89	38.60	14.50	0.76
Saleta	3.6667*	PF 13	150.00	43.65	46.34	45.92	47.13	0.005212	3.93	38.18	14.50	0.77
Saleta	3.5000*	PF 13	150.00	43.64	46.30	45.91	47.10	0.005434	3.98	37.71	14.50	0.79
Saleta	3.3333*	PF 13	150.00	43.62	46.24	45.89	47.07	0.005724	4.04	37.13	14.50	0.81
Saleta	3.1667*	PF 13	150.00	43.61	46.18	45.88	47.04	0.006134	4.13	36.36	14.50	0.83
Saleta	3	PF 13	150.00	43.59	45.86	45.86	46.98	0.009329	4.68	32.06	14.50	1.00
Saleta	2.8750*	PF 13	150.00	43.38	45.28	45.65	46.90	0.017380	5.64	26.60	14.50	1.33
Saleta	2.7500*	PF 13	150.00	43.18	44.94	45.45	46.82	0.022399	6.08	24.65	14.50	1.49
Saleta	2.6250*	PF 13	150.00	42.97	44.64	45.24	46.74	0.026845	6.42	23.35	14.50	1.62
Saleta	2.5000*	PF 13	150.00	42.76	44.36	45.03	46.65	0.030964	6.70	22.37	14.50	1.72
Saleta	2.3750*	PF 13	150.00	42.55	44.10	44.82	46.55	0.034725	6.94	21.62	14.50	1.81
Saleta	2.2500*	PF 13	150.00	42.34	43.85	44.61	46.45	0.038226	7.14	21.00	14.50	1.90
Saleta	2.1250*	PF 13	150.00	42.13	43.60	44.40	46.34	0.041511	7.32	20.49	14.50	1.97
Saleta	2	PF 13	150.00	41.92	43.36	44.19	46.21	0.044492	7.48	20.07	14.50	2.03
Saleta	1.9167*	PF 13	150.00	41.85	43.27	44.11	46.17	0.045846	7.54	19.89	14.50	2.06
Saleta	1.8333*	PF 13	150.00	41.77	43.17	44.02	46.12	0.047126	7.61	19.72	14.50	2.08
Saleta	1.7500*	PF 13	150.00	41.69	43.07	43.94	46.07	0.048367	7.67	19.57	14.50	2.11
Saleta	1.6667*	PF 13	150.00	41.61	42.98	43.86	46.02	0.049556	7.72	19.42	14.50	2.13
Saleta	1.5833*	PF 13	150.00	41.54	42.89	43.77	45.97	0.050686	7.78	19.29	14.50	2.15
Saleta	1.5000*	PF 13	150.00	41.46	42.80	43.69	45.92	0.051769	7.83	19.17	14.50	2.17
Saleta	1.4167*	PF 13	150.00	41.38	42.71	43.61	45.87	0.052890	7.88	19.04	14.50	2.19
Saleta	1.3333*	PF 13	150.00	41.31	42.62	43.53	45.82	0.053933	7.92	18.93	14.50	2.21
Saleta	1.2500*	PF 13	150.00	41.23	42.53	43.45	45.77	0.054886	7.97	18.83	14.50	2.23
Saleta	1.1667*	PF 13	150.00	41.15	42.45	43.37	45.72	0.055799	8.01	18.74	14.50	2.25
Saleta	1.0833*	PF 13	150.00	41.08	42.36	43.29	45.66	0.056665	8.04	18.65	14.50	2.26
Saleta	1	PF 13	150.00	41.00	42.28	43.22	45.61	0.057475	8.08	18.57	14.50	2.28
Saleta	0.9		Culvert									
Saleta	0.7	PF 13	150.00	41.00	42.84	43.22	44.45	0.017258	5.63	26.64	14.50	1.33
Saleta	0.69412*	PF 13	150.00	40.91	43.40	43.13	44.28	0.006258	4.15	36.12	14.50	0.84
Saleta	0.68824*	PF 13	150.00	40.81	43.31	43.03	44.19	0.006247	4.15	36.14	14.50	0.84
Saleta	0.68235*	PF 13	150.00	40.72	43.22	42.94	44.09	0.006248	4.15	36.13	14.50	0.84
Saleta	0.67647*	PF 13	150.00	40.63	43.12	42.85	44.00	0.006238	4.15	36.15	14.50	0.84
Saleta	0.67059*	PF 13	150.00	40.54	43.03	42.76	43.91	0.006235	4.15	36.16	14.50	0.84
Saleta	0.66471*	PF 13	150.00	40.45	42.94	42.66	43.82	0.006223	4.15	36.18	14.50	0.84
Saleta	0.65882*	PF 13	150.00	40.35	42.85	42.57	43.72	0.006218	4.15	36.19	14.50	0.84
Saleta	0.65294*	PF 13	150.00	40.26	42.76	42.48	43.63	0.006212	4.14	36.20	14.50	0.84
Saleta	0.64706*	PF 13	150.00	40.17	42.67	42.39	43.54	0.006197	4.14	36.22	14.50	0.84
Saleta	0.64118*	PF 13	150.00	40.08	42.58	42.29	43.45	0.006188	4.14	36.24	14.50	0.84
Saleta	0.63529*	PF 13	150.00	39.98	42.48	42.20	43.36	0.006170	4.14	36.27	14.50	0.83
Saleta	0.62941*	PF 13	150.00	39.89	42.39	42.11	43.26	0.006157	4.13	36.29	14.50	0.83
Saleta	0.62353*	PF 13	150.00	39.80	42.30	42.02	43.17	0.006135	4.13	36.33	14.50	0.83
Saleta	0.61765*	PF 13	150.00	39.71	42.21	41.92	43.08	0.006118	4.13	36.36	14.50	0.83
Saleta	0.61176*	PF 13	150.00	39.61	42.13	41.83	42.99	0.006081	4.12	36.43	14.50	0.83
Saleta	0.60588*	PF 13	150.00	39.52	42.04	41.74	42.90	0.006049	4.11	36.49	14.50	0.83
Saleta	0.6	PF 13	150.00	39.43	41.95	41.65	42.81	0.006004	4.10	36.57	14.50	0.82

15. Situación Q=175

En las siguientes páginas veremos las secciones principales y la tabla resumen para un caudal de 175 m³/seg.

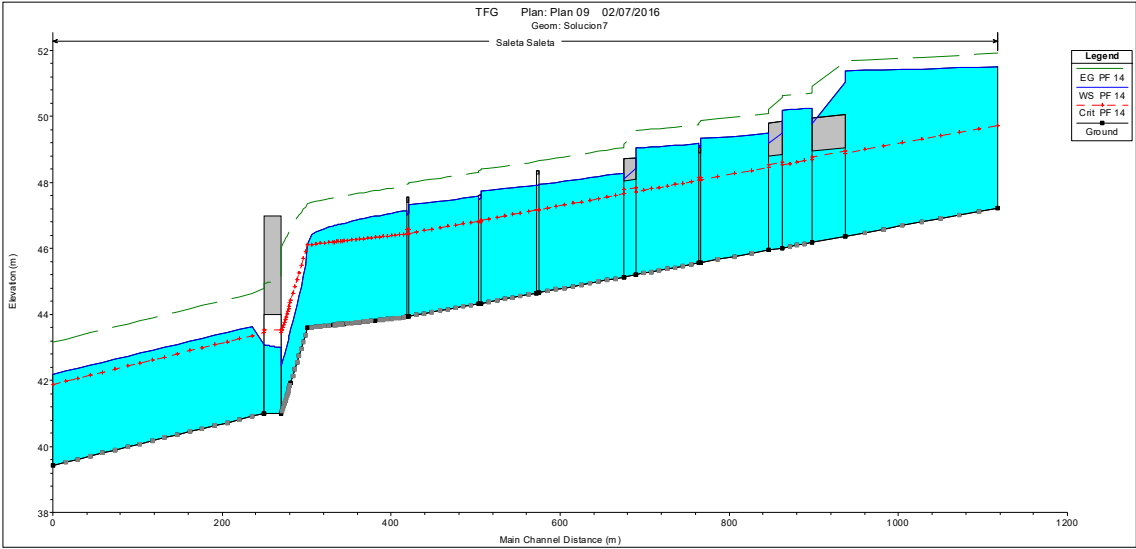
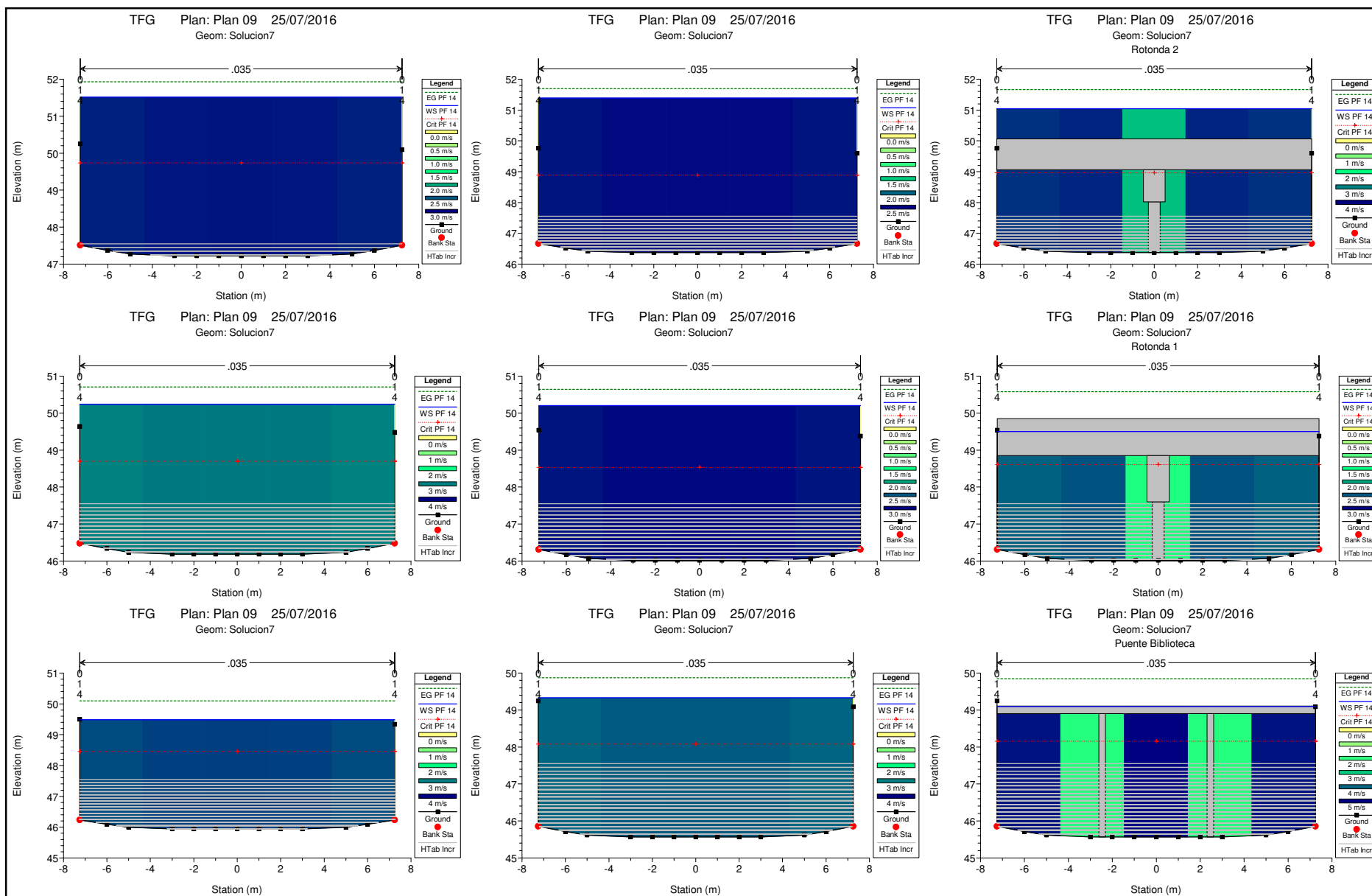
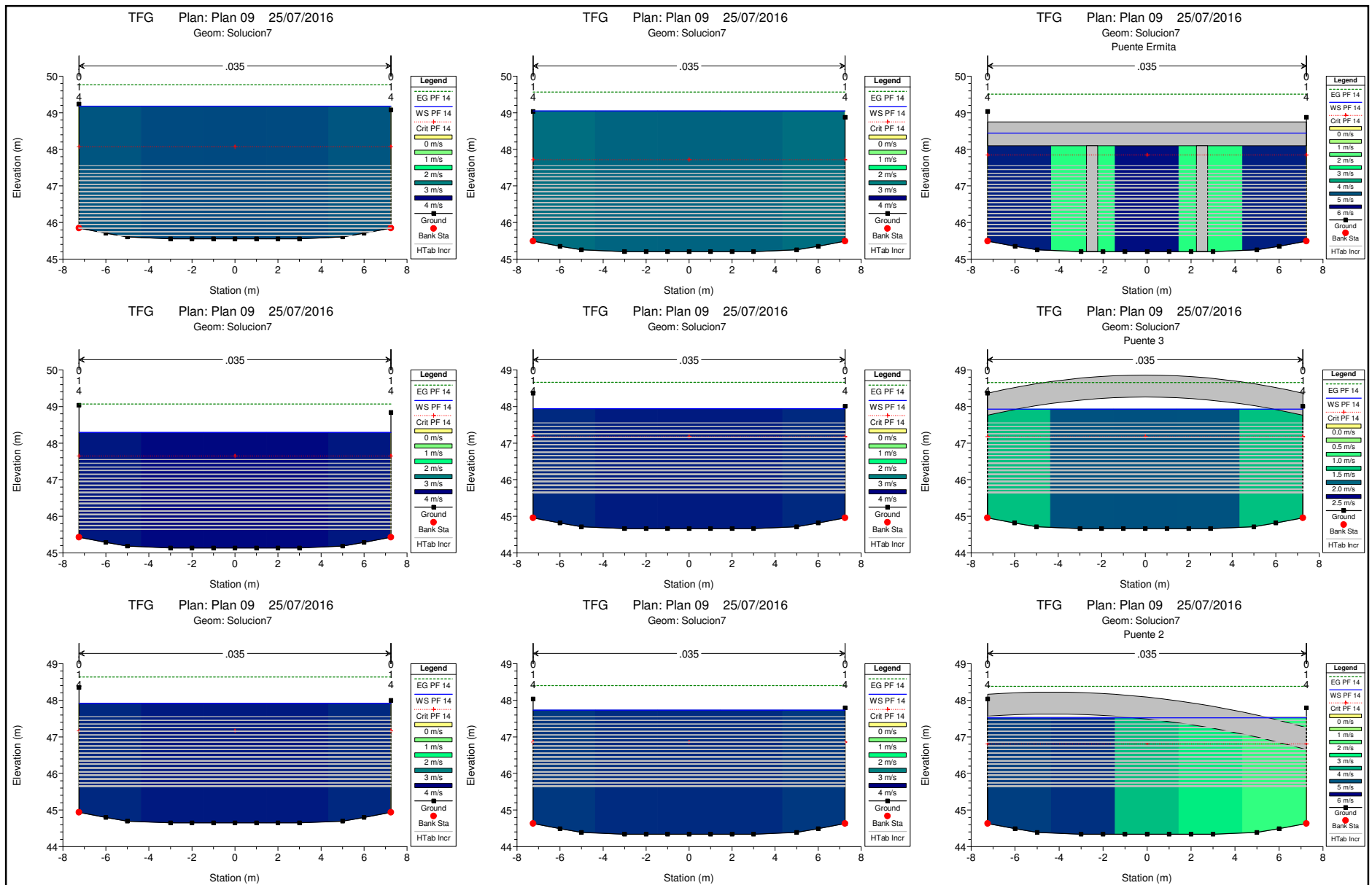
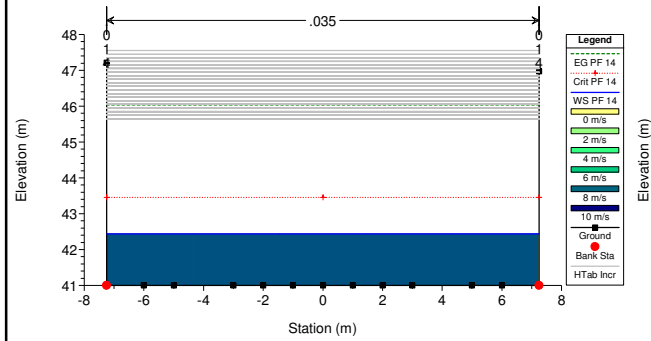


Figura 15.1. Sección longitudinal de la solución propuesta para Q =175m³/seg.

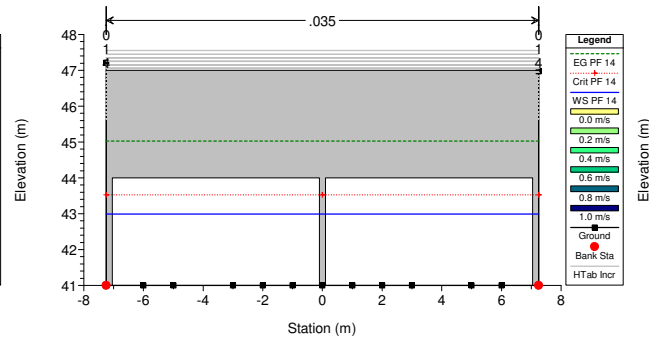




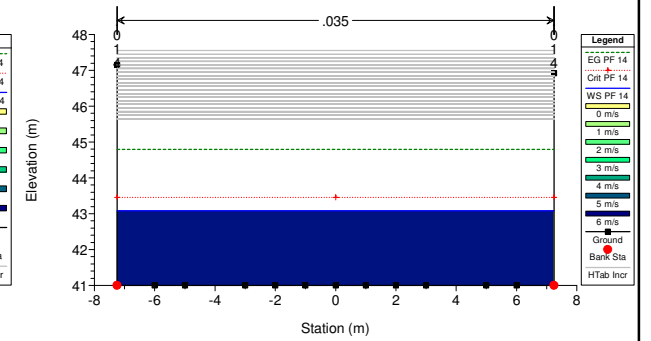
TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



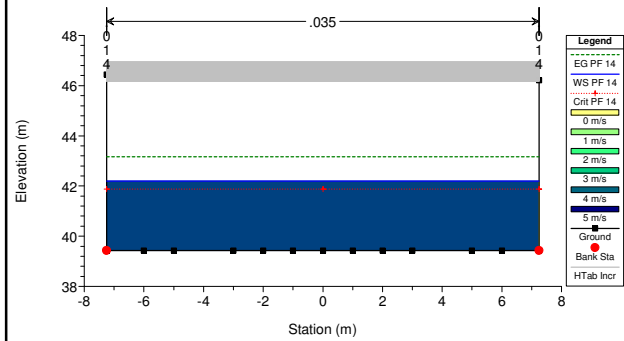
TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



TFG Plan: Plan 09 25/07/2016
Geom: Solucion7



HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: PF 14

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	22	PF 14	175.00	47.22	51.51	49.74	51.93	0.001458	2.85	61.38	14.50	0.44
Saleta	21.875*	PF 14	175.00	47.12	51.49	49.63	51.89	0.001364	2.79	62.62	14.50	0.43
Saleta	21.750*	PF 14	175.00	47.01	51.48	49.52	51.86	0.001276	2.74	63.88	14.50	0.42
Saleta	21.625*	PF 14	175.00	46.91	51.46	49.42	51.83	0.001194	2.69	65.17	14.50	0.40
Saleta	21.500*	PF 14	175.00	46.80	51.44	49.31	51.80	0.001117	2.63	66.49	14.50	0.39
Saleta	21.375*	PF 14	175.00	46.69	51.43	49.21	51.77	0.001046	2.58	67.82	14.50	0.38
Saleta	21.250*	PF 14	175.00	46.59	51.41	49.10	51.74	0.000980	2.53	69.16	14.50	0.37
Saleta	21.125*	PF 14	175.00	46.48	51.40	48.99	51.72	0.000918	2.48	70.51	14.50	0.36
Saleta	21	PF 14	175.00	46.37	51.39	48.89	51.69	0.000862	2.43	71.88	14.50	0.35
Saleta	20		Bridge									
Saleta	19	PF 14	175.00	46.19	50.24	48.70	50.71	0.001762	3.02	57.99	14.50	0.48
Saleta	18.750*	PF 14	175.00	46.14	50.23	48.66	50.69	0.001717	2.99	58.44	14.50	0.48
Saleta	18.500*	PF 14	175.00	46.10	50.22	48.62	50.67	0.001674	2.97	58.89	14.50	0.47
Saleta	18.250*	PF 14	175.00	46.06	50.21	48.57	50.66	0.001630	2.95	59.37	14.50	0.47
Saleta	18	PF 14	175.00	46.02	50.20	48.53	50.64	0.001589	2.93	59.82	14.50	0.46
Saleta	17		Bridge									
Saleta	16	PF 14	175.00	45.94	49.48	48.46	50.10	0.002805	3.47	50.44	14.50	0.59
Saleta	15.750*	PF 14	175.00	45.85	49.44	48.36	50.04	0.002668	3.42	51.20	14.50	0.58
Saleta	15.500*	PF 14	175.00	45.76	49.40	48.27	49.98	0.002535	3.37	51.99	14.50	0.57
Saleta	15.250*	PF 14	175.00	45.66	49.36	48.18	49.92	0.002405	3.31	52.82	14.50	0.55
Saleta	15	PF 14	175.00	45.57	49.33	48.08	49.87	0.002276	3.26	53.70	14.50	0.54
Saleta	14		Bridge									
Saleta	13	PF 14	175.00	45.56	49.18	48.07	49.76	0.002591	3.39	51.66	14.50	0.57
Saleta	12.875*	PF 14	175.00	45.51	49.16	48.03	49.74	0.002530	3.36	52.03	14.50	0.57
Saleta	12.750*	PF 14	175.00	45.47	49.14	47.98	49.71	0.002466	3.34	52.43	14.50	0.56
Saleta	12.625*	PF 14	175.00	45.42	49.12	47.94	49.68	0.002405	3.31	52.82	14.50	0.55
Saleta	12.500*	PF 14	175.00	45.38	49.11	47.89	49.66	0.002345	3.29	53.22	14.50	0.55
Saleta	12.375*	PF 14	175.00	45.34	49.09	47.85	49.64	0.002286	3.26	53.63	14.50	0.54
Saleta	12.250*	PF 14	175.00	45.29	49.08	47.80	49.61	0.002226	3.24	54.07	14.50	0.54
Saleta	12.125*	PF 14	175.00	45.25	49.06	47.76	49.59	0.002169	3.21	54.49	14.50	0.53
Saleta	12	PF 14	175.00	45.20	49.05	47.72	49.57	0.002113	3.19	54.92	14.50	0.52
Saleta	11		Bridge									
Saleta	10	PF 14	175.00	45.14	48.29	47.65	49.07	0.004127	3.90	44.92	14.50	0.71
Saleta	9.9600*	PF 14	175.00	45.09	48.25	47.60	49.02	0.004092	3.89	45.04	14.50	0.70
Saleta	9.9200*	PF 14	175.00	45.04	48.22	47.56	48.98	0.004050	3.87	45.18	14.50	0.70
Saleta	9.8800*	PF 14	175.00	44.99	48.18	47.51	48.94	0.003998	3.86	45.35	14.50	0.70
Saleta	9.8400*	PF 14	175.00	44.95	48.14	47.46	48.90	0.003952	3.85	45.51	14.50	0.69
Saleta	9.8000*	PF 14	175.00	44.90	48.11	47.41	48.86	0.003905	3.83	45.68	14.50	0.69
Saleta	9.7600*	PF 14	175.00	44.85	48.07	47.37	48.82	0.003855	3.82	45.85	14.50	0.69
Saleta	9.7200*	PF 14	175.00	44.81	48.04	47.32	48.78	0.003801	3.80	46.04	14.50	0.68
Saleta	9.6800*	PF 14	175.00	44.76	48.01	47.27	48.74	0.003748	3.78	46.24	14.50	0.68
Saleta	9.6400*	PF 14	175.00	44.71	47.97	47.22	48.70	0.003687	3.77	46.47	14.50	0.67
Saleta	9.6	PF 14	175.00	44.66	47.94	47.18	48.66	0.003630	3.75	46.69	14.50	0.67
Saleta	9.5		Bridge									
Saleta	9.4	PF 14	175.00	44.65	47.92	47.16	48.64	0.003660	3.76	46.57	14.50	0.67
Saleta	9.2429*	PF 14	175.00	44.60	47.89	47.12	48.60	0.003606	3.74	46.78	14.50	0.67
Saleta	9.0857*	PF 14	175.00	44.56	47.86	47.07	48.57	0.003548	3.72	47.01	14.50	0.66
Saleta	8.9286*	PF 14	175.00	44.52	47.83	47.03	48.53	0.003490	3.70	47.24	14.50	0.66
Saleta	8.7714*	PF 14	175.00	44.47	47.80	46.99	48.50	0.003435	3.69	47.46	14.50	0.65
Saleta	8.6143*	PF 14	175.00	44.43	47.78	46.94	48.46	0.003374	3.67	47.72	14.50	0.65
Saleta	8.4571*	PF 14	175.00	44.38	47.75	46.90	48.43	0.003313	3.65	47.98	14.50	0.64
Saleta	8.3	PF 14	175.00	44.34	47.73	46.85	48.40	0.003250	3.63	48.26	14.50	0.63
Saleta	8.2		Bridge									
Saleta	8.1	PF 14	175.00	44.32	47.58	46.84	48.31	0.003729	3.78	46.31	14.50	0.68
Saleta	8.0889*	PF 14	175.00	44.28	47.55	46.80	48.27	0.003678	3.76	46.50	14.50	0.67
Saleta	8.0778*	PF 14	175.00	44.24	47.52	46.75	48.23	0.003625	3.75	46.71	14.50	0.67
Saleta	8.0667*	PF 14	175.00	44.20	47.49	46.71	48.20	0.003570	3.73	46.92	14.50	0.66
Saleta	8.0556*	PF 14	175.00	44.15	47.46	46.67	48.17	0.003514	3.71	47.14	14.50	0.66
Saleta	8.0444*	PF 14	175.00	44.11	47.44	46.62	48.13	0.003456	3.69	47.38	14.50	0.65
Saleta	8.0333*	PF 14	175.00	44.07	47.41	46.58	48.10	0.003398	3.68	47.62	14.50	0.65
Saleta	8.0222*	PF 14	175.00	44.02	47.38	46.54	48.07	0.003339	3.66	47.87	14.50	0.64
Saleta	8.0111*	PF 14	175.00	43.98	47.36	46.49	48.03	0.003279	3.64	48.13	14.50	0.64
Saleta	8	PF 14	175.00	43.94	47.34	46.45	48.00	0.003216	3.61	48.41	14.50	0.63
Saleta	7.5		Bridge									
Saleta	7	PF 14	175.00	43.93	47.15	46.44	47.89	0.003837	3.81	45.92	14.50	0.68
Saleta	6.8750*	PF 14	175.00	43.91	47.13	46.43	47.88	0.003866	3.82	45.81	14.50	0.69
Saleta	6.7500*	PF 14	175.00	43.90	47.11	46.42	47.86	0.003898	3.83	45.70	14.50	0.69
Saleta	6.6250*	PF 14	175.00	43.89	47.09	46.40	47.84	0.003933	3.84	45.57	14.50	0.69
Saleta	6.5000*	PF 14	175.00	43.88	47.07	46.39	47.82	0.003963	3.85	45.47	14.50	0.69
Saleta	6.3750*	PF 14	175.00	43.86	47.05	46.38	47.81	0.003999	3.86	45.35	14.50	0.70
Saleta	6.2500*	PF 14	175.00	43.85	47.02	46.36	47.79	0.004045	3.87	45.19	14.50	0.70
Saleta	6.1250*	PF 14	175.00	43.84	47.00	46.35	47.77	0.004091	3.89	45.04	14.50	0.70
Saleta	6	PF 14	175.00	43.82	46.98	46.34	47.75	0.004129	3.90	44.91	14.50	0.71
Saleta	5.8750*	PF 14	175.00	43.81	46.95	46.32	47.73	0.004178	3.91	44.76	14.50	0.71
Saleta	5.7500*	PF 14	175.00	43.80	46.93	46.31	47.71	0.004235	3.93	44.58	14.50	0.72
Saleta	5.6250*	PF 14	175.00	43.78	46.90	46.30	47.70	0.004293	3.94	44.40	14.50	0.72
Saleta	5.5000*	PF 14	175.00	43.77	46.88	46.28	47.68	0.004347	3.96	44.23	14.50	0.72
Saleta	5.3750*	PF 14	175.00	43.76	46.85	46.27	47.66	0.004413	3.97	44.03	14.50	0.73
Saleta	5.2500*	PF 14	175.00	43.74	46.82	46.26	47.64	0.004492	4.00	43.79	14.50	0.73
Saleta	5.1250*	PF 14	175.00	43.73	46.79	46.24	47.62	0.004567	4.02	43.58	14.50	0.74
Saleta	5	PF 14	175.00	43.72	46.76	46.23	47.59	0.004661	4.04	43.31	14.50	0.75
Saleta	4.8333*	PF 14	175.00	43.71	46.75	46.22	47.59	0.004695	4.05	43.22	14.50	0.75
Saleta	4.6667*	PF 14	175.00	43.70	46.74	46.22	47.58	0.004731	4.06	43.12	14.50	0.75

HEC-RAS Plan: Plan 09 River: Saleta Reach: Saleta Profile: PF 14 (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Saleta	4.5000*	PF 14	175.00	43.70	46.72	46.21	47.57	0.004768	4.07	43.02	14.50	0.75
Saleta	4.3333*	PF 14	175.00	43.69	46.71	46.21	47.56	0.004806	4.08	42.92	14.50	0.76
Saleta	4.1667*	PF 14	175.00	43.69	46.70	46.20	47.55	0.004847	4.09	42.81	14.50	0.76
Saleta	4	PF 14	175.00	43.68	46.68	46.19	47.54	0.004883	4.10	42.71	14.50	0.76
Saleta	3.8333*	PF 14	175.00	43.67	46.64	46.18	47.52	0.005021	4.13	42.35	14.50	0.77
Saleta	3.6667*	PF 14	175.00	43.65	46.60	46.16	47.49	0.005196	4.17	41.92	14.50	0.78
Saleta	3.5000*	PF 14	175.00	43.64	46.55	46.15	47.46	0.005412	4.23	41.41	14.50	0.80
Saleta	3.3333*	PF 14	175.00	43.62	46.50	46.14	47.43	0.005681	4.29	40.81	14.50	0.82
Saleta	3.1667*	PF 14	175.00	43.61	46.43	46.12	47.40	0.006072	4.37	40.01	14.50	0.84
Saleta	3	PF 14	175.00	43.59	46.11	46.11	47.34	0.008967	4.92	35.59	14.50	1.00
Saleta	2.8750*	PF 14	175.00	43.38	45.50	45.90	47.26	0.016252	5.88	29.78	14.50	1.31
Saleta	2.7500*	PF 14	175.00	43.18	45.14	45.69	47.18	0.020766	6.33	27.67	14.50	1.46
Saleta	2.6250*	PF 14	175.00	42.97	44.84	45.48	47.10	0.024778	6.67	26.24	14.50	1.58
Saleta	2.5000*	PF 14	175.00	42.76	44.55	45.27	47.02	0.028492	6.96	25.16	14.50	1.69
Saleta	2.3750*	PF 14	175.00	42.55	44.28	45.06	46.93	0.031935	7.20	24.31	14.50	1.77
Saleta	2.2500*	PF 14	175.00	42.34	44.03	44.85	46.83	0.035235	7.41	23.61	14.50	1.86
Saleta	2.1250*	PF 14	175.00	42.13	43.78	44.64	46.72	0.038287	7.60	23.03	14.50	1.93
Saleta	2	PF 14	175.00	41.92	43.54	44.44	46.61	0.041093	7.76	22.54	14.50	1.99
Saleta	1.9167*	PF 14	175.00	41.85	43.44	44.34	46.56	0.042349	7.83	22.34	14.50	2.02
Saleta	1.8333*	PF 14	175.00	41.77	43.34	44.26	46.52	0.043544	7.90	22.15	14.50	2.04
Saleta	1.7500*	PF 14	175.00	41.69	43.24	44.18	46.47	0.044706	7.96	21.98	14.50	2.07
Saleta	1.6667*	PF 14	175.00	41.61	43.15	44.09	46.43	0.045825	8.02	21.81	14.50	2.09
Saleta	1.5833*	PF 14	175.00	41.54	43.05	44.01	46.38	0.046895	8.08	21.66	14.50	2.11
Saleta	1.5000*	PF 14	175.00	41.46	42.96	43.93	46.33	0.047926	8.13	21.52	14.50	2.13
Saleta	1.4167*	PF 14	175.00	41.38	42.87	43.85	46.29	0.048990	8.19	21.38	14.50	2.15
Saleta	1.3333*	PF 14	175.00	41.31	42.78	43.76	46.24	0.049991	8.24	21.25	14.50	2.17
Saleta	1.2500*	PF 14	175.00	41.23	42.69	43.69	46.19	0.050916	8.28	21.13	14.50	2.19
Saleta	1.1667*	PF 14	175.00	41.15	42.61	43.61	46.14	0.051808	8.33	21.02	14.50	2.21
Saleta	1.0833*	PF 14	175.00	41.08	42.52	43.53	46.09	0.052661	8.37	20.91	14.50	2.23
Saleta	1	PF 14	175.00	41.00	42.44	43.45	46.04	0.053465	8.41	20.82	14.50	2.24
Saleta	0.9		Culvert									
Saleta	0.7	PF 14	175.00	41.00	43.08	43.45	44.80	0.015495	5.80	30.18	14.50	1.28
Saleta	0.69412*	PF 14	175.00	40.91	43.64	43.36	44.64	0.006252	4.42	39.63	14.50	0.85
Saleta	0.68824*	PF 14	175.00	40.81	43.55	43.27	44.54	0.006241	4.41	39.65	14.50	0.85
Saleta	0.68235*	PF 14	175.00	40.72	43.46	43.17	44.45	0.006241	4.41	39.65	14.50	0.85
Saleta	0.67647*	PF 14	175.00	40.63	43.37	43.08	44.36	0.006231	4.41	39.67	14.50	0.85
Saleta	0.67059*	PF 14	175.00	40.54	43.27	42.99	44.27	0.006227	4.41	39.68	14.50	0.85
Saleta	0.66471*	PF 14	175.00	40.45	43.18	42.90	44.17	0.006215	4.41	39.70	14.50	0.85
Saleta	0.65882*	PF 14	175.00	40.35	43.09	42.80	44.08	0.006210	4.41	39.71	14.50	0.85
Saleta	0.65294*	PF 14	175.00	40.26	43.00	42.71	43.99	0.006204	4.41	39.72	14.50	0.85
Saleta	0.64706*	PF 14	175.00	40.17	42.91	42.62	43.90	0.006189	4.40	39.75	14.50	0.85
Saleta	0.64118*	PF 14	175.00	40.08	42.82	42.53	43.81	0.006180	4.40	39.77	14.50	0.85
Saleta	0.63529*	PF 14	175.00	39.98	42.73	42.43	43.71	0.006163	4.40	39.80	14.50	0.85
Saleta	0.62941*	PF 14	175.00	39.89	42.64	42.34	43.62	0.006151	4.39	39.82	14.50	0.85
Saleta	0.62353*	PF 14	175.00	39.80	42.55	42.25	43.53	0.006130	4.39	39.86	14.50	0.85
Saleta	0.61765*	PF 14	175.00	39.71	42.46	42.16	43.44	0.006114	4.39	39.90	14.50	0.84
Saleta	0.61176*	PF 14	175.00	39.61	42.37	42.06	43.35	0.006079	4.38	39.96	14.50	0.84
Saleta	0.60588*	PF 14	175.00	39.52	42.28	41.97	43.26	0.006050	4.37	40.02	14.50	0.84
Saleta	0.6	PF 14	175.00	39.43	42.20	41.88	43.17	0.006002	4.36	40.12	14.50	0.84

16. Conclusiones

Partiendo del caudal límite en el punto de desagüe, de $117 \text{ m}^3/\text{seg}$, suponemos un valor de precipitación máxima diaria en la tormenta de diseño, explicada en el estudio hidrológico. Con este valor obtenemos la tormenta de diseño de la figura 16.1 y ésta la insertamos en HMS configurado para la cuenca estudiada que nos dará un caudal en el punto de desagüe. Iremos repitiendo este proceso hasta que no de un caudal pico en el punto de desagüe de $117 \text{ m}^3/\text{seg}$.

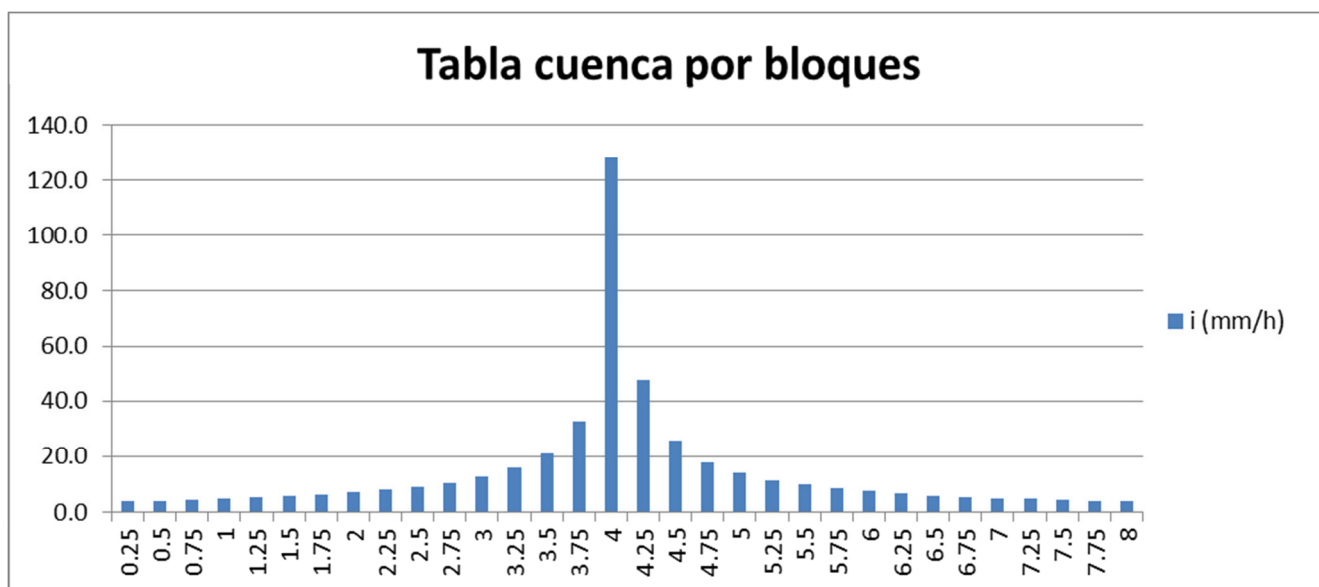


Figura 16.1. Tormenta por bloques de la tormenta de diseño límite para la solución adoptada.

Iterando, la precipitación media diaria obtenida es de $143,75 \text{ mm}$.

Con este dato volvemos al análisis estadístico del estudio hidrológico y con la función SQRT obtenemos un periodo de retorno de 16 años para esa precipitación media diaria.