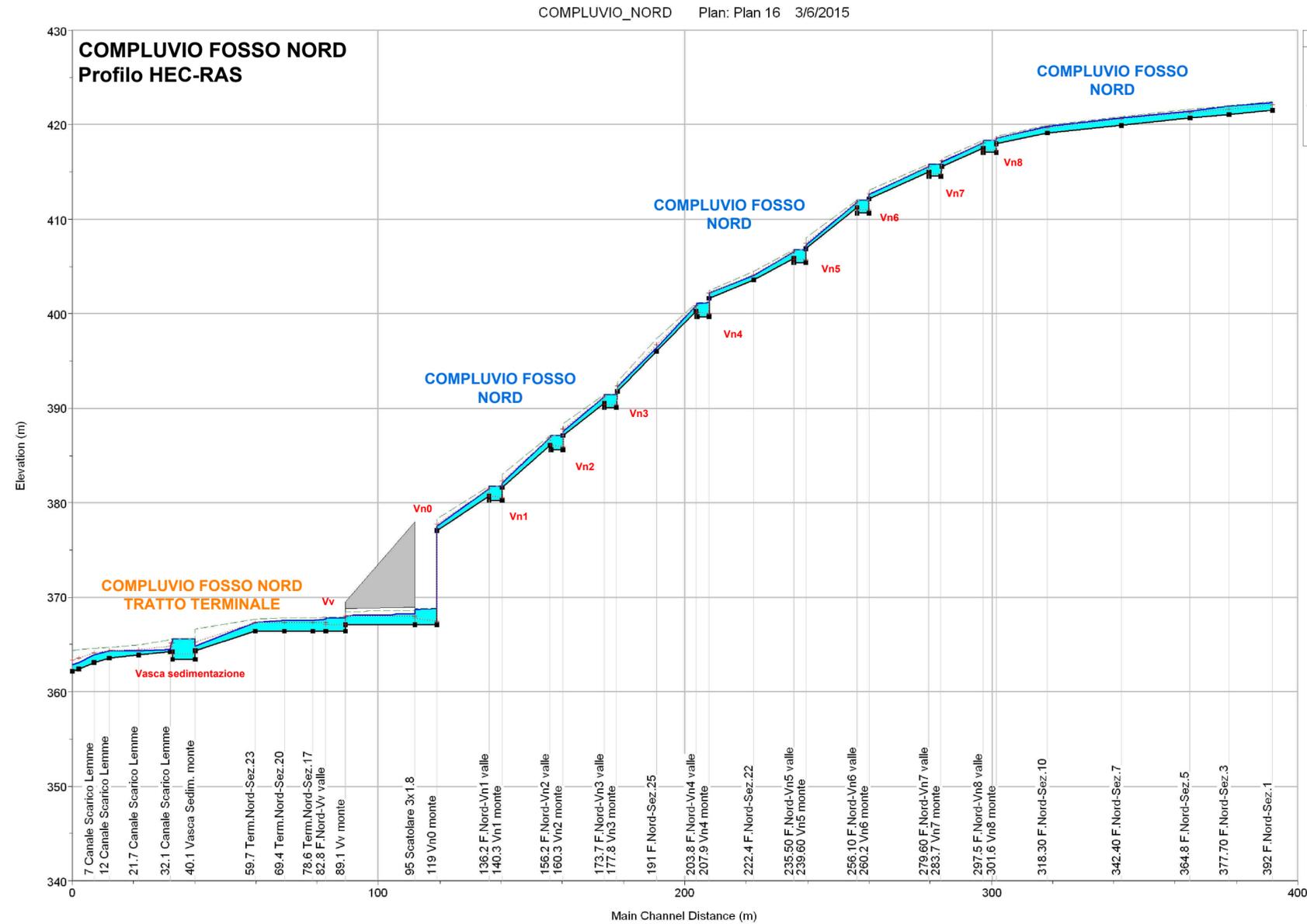


**COMPLUVIO FOSSO NORD**  
Tabella HEC-RAS

Reach	River Sta	Profile	Q Total (m³/s)	Min Chl 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
Compl_Nord	392	Ocomp	1.78	421.54	422.38	422.15	422.50	0.031572	1.49	1.20	1.84	0.59
Compl_Nord	377.70	Ocomp	1.78	421.09	421.94	421.70	422.05	0.030555	1.47	1.21	1.85	0.58
Compl_Nord	364.8	Ocomp	1.78	420.68	421.47	421.29	421.60	0.040090	1.62	1.10	1.79	0.66
Compl_Nord	342.40	Ocomp	1.78	419.96	420.76	420.57	420.85	0.025691	1.35	1.31	2.46	0.59
Compl_Nord	318.30	Ocomp	1.78	419.17	419.79	419.76	419.97	0.061459	1.87	0.95	2.15	0.90
Compl_Nord	301.7	Ocomp	1.78	418.03	418.62	418.62	418.83	0.077917	2.04	0.87	2.07	1.01
Compl_Nord	301.6	Ocomp	1.78	417.03	418.35	417.36	418.36	0.001451	0.45	3.94	3.00	0.13
Compl_Nord	297.6	Ocomp	1.78	417.03	418.34	417.36	418.35	0.001469	0.45	3.93	3.00	0.13
Compl_Nord	297.5	Ocomp	1.78	417.53	418.12	418.12	418.33	0.078275	2.05	0.87	2.07	1.01
Compl_Nord	283.80	Ocomp	1.78	415.64	416.00	416.13	416.42	0.198008	2.88	0.62	1.81	1.57
Compl_Nord	283.7	Ocomp	1.78	414.51	415.84	414.84	415.85	0.001415	0.45	3.98	3.00	0.12
Compl_Nord	279.7	Ocomp	1.83	414.51	415.83	414.84	415.84	0.001516	0.46	3.96	3.00	0.13
Compl_Nord	279.60	Ocomp	1.83	415.01	415.80	415.80	415.82	0.076988	2.06	0.89	2.09	1.01
Compl_Nord	269.2	Ocomp	1.83	412.13	412.59	412.72	413.03	0.298924	2.96	0.62	1.81	1.61
Compl_Nord	259.2	Ocomp	1.83	410.70	412.05	411.04	412.06	0.001427	0.45	4.05	3.00	0.12
Compl_Nord	258.20	Ocomp	1.93	410.70	412.04	411.05	412.05	0.001611	0.48	4.03	3.00	0.13
Compl_Nord	258.10	Ocomp	1.93	411.20	411.81	411.81	412.03	0.077421	2.08	0.93	2.13	1.01
Compl_Nord	239.70	Ocomp	1.93	406.85	407.24	407.46	407.99	0.409818	3.83	0.50	1.68	2.23
Compl_Nord	239.60	Ocomp	1.93	405.43	406.79	405.78	406.80	0.001558	0.47	4.08	3.00	0.13
Compl_Nord	235.60	Ocomp	2.06	405.43	406.78	405.79	406.79	0.001805	0.51	4.05	3.00	0.14
Compl_Nord	235.50	Ocomp	2.06	405.91	406.55	406.55	406.77	0.076894	2.11	0.97	2.17	1.01
Compl_Nord	222.4	Ocomp	2.06	403.53	403.99	404.16	404.54	0.258793	3.30	0.62	1.82	1.80
Compl_Nord	208	Ocomp	2.06	401.62	402.25	402.25	402.48	0.076997	2.11	0.97	2.17	1.01
Compl_Nord	207.9	Ocomp	2.06	399.72	401.13	400.08	401.14	0.001609	0.49	4.23	3.00	0.13
Compl_Nord	203.9	Ocomp	2.20	399.72	401.12	400.10	401.14	0.001867	0.52	4.20	3.00	0.14
Compl_Nord	203.8	Ocomp	2.20	400.26	400.80	400.88	401.11	0.076440	2.14	1.02	2.22	1.01
Compl_Nord	191	Ocomp	2.20	396.03	396.43	396.69	397.36	0.500471	4.27	0.52	1.69	2.47
Compl_Nord	177.9	Ocomp	2.20	391.77	392.26	392.43	392.79	0.230158	3.22	0.68	1.88	1.70
Compl_Nord	177.8	Ocomp	2.20	390.05	391.50	390.43	391.51	0.001711	0.51	4.34	3.00	0.13
Compl_Nord	173.8	Ocomp	2.38	390.05	391.49	390.45	391.50	0.002041	0.55	4.31	3.00	0.15
Compl_Nord	173.7	Ocomp	2.38	390.55	391.24	391.24	391.48	0.076234	2.19	1.09	2.27	1.01
Compl_Nord	160.4	Ocomp	2.38	387.15	387.60	387.84	388.39	0.380241	3.85	0.60	1.79	2.17
Compl_Nord	160.3	Ocomp	2.38	385.62	387.10	386.02	387.12	0.001883	0.54	4.44	3.00	0.14
Compl_Nord	158.3	Ocomp	2.55	385.62	387.09	386.04	387.11	0.002204	0.58	4.41	3.00	0.15
Compl_Nord	158.2	Ocomp	2.55	386.12	386.83	386.83	387.08	0.075614	2.22	1.15	2.32	1.01
Compl_Nord	149.4	Ocomp	2.55	381.62	382.07	382.33	382.98	0.436091	4.23	0.60	1.80	2.33
Compl_Nord	149.3	Ocomp	2.55	380.23	381.75	380.65	381.77	0.002014	0.56	4.56	3.00	0.14
Compl_Nord	136.3	Ocomp	2.76	380.23	381.74	380.67	381.76	0.002410	0.61	4.53	3.00	0.16
Compl_Nord	136.2	Ocomp	2.76	380.73	381.47	381.47	381.73	0.075114	2.26	1.22	2.38	1.01
Compl_Nord	119.1	Ocomp	2.76	377.00	377.51	377.74	378.27	0.324212	3.88	0.71	1.91	2.03
Compl_Nord	119	Ocomp	2.76	367.10	368.76	367.41	368.77	0.000644	0.33	8.32	5.00	0.08
Compl_Nord	112	Ocomp	8.96	367.10	368.70	367.79	368.76	0.000520	1.12	7.99	5.00	0.28
Compl_Nord	111.9	Ocomp	8.96	367.10	368.70	367.79	368.76	0.000520	1.12	7.99	5.00	0.28
Compl_Nord	95	Culvert										
Compl_Nord	89.2	Ocomp	8.96	367.05	367.74	367.74	368.08	0.006213	2.61	3.43	5.00	1.01
Compl_Nord	89.1	Ocomp	8.96	366.45	367.79	367.14	367.88	0.000864	1.34	6.89	5.00	0.37
Compl_Nord	82.9	Ocomp	8.96	366.45	367.78	367.14	367.87	0.000876	1.35	6.85	5.00	0.37
Compl_Nord	82.8	Ocomp	8.96	366.45	367.63	367.37	367.86	0.004075	2.11	4.24	4.18	0.67
Compl_Nord	78.6	Ocomp	8.96	366.44	367.61	367.36	367.84	0.004223	2.14	4.19	4.17	0.68
Compl_Nord	69.4	Ocomp	8.96	366.42	367.55	367.33	367.80	0.004781	2.24	4.01	4.13	0.72
Compl_Nord	59.7	Ocomp	8.96	366.40	367.32	367.32	367.72	0.009326	2.83	3.17	3.92	1.01
Compl_Nord	40.20	Ocomp	8.96	364.39	364.85	365.31	366.67	0.063737	5.98	1.50	3.47	2.90
Compl_Nord	40.1	Ocomp	8.96	363.39	363.83	364.33	365.65	0.000160	0.73	12.30	5.50	0.16
Compl_Nord	32.8	Ocomp	8.96	363.29	365.63	364.03	365.65	0.000161	0.73	12.30	5.50	0.16
Compl_Nord	32.7	Ocomp	8.96	364.29	365.28	365.20	365.62	0.007355	2.60	3.44	3.99	0.89
Compl_Nord	32.3	Ocomp	8.96	364.29	365.21	365.21	365.61	0.009301	2.83	3.17	3.92	1.00
Compl_Nord	32.1	Ocomp	8.96	364.29	364.53	364.77	365.55	0.090452	4.47	2.00	6.54	2.95
Compl_Nord	21.7	Ocomp	8.96	363.91	364.36	364.52	364.93	0.023826	3.34	2.68	6.19	1.62
Compl_Nord	12	Ocomp	8.96	363.56	364.35	364.36	364.73	0.009334	2.73	3.28	4.54	1.03
Compl_Nord	7	Ocomp	8.96	363.07	363.86	364.08	364.62	0.021132	3.85	2.33	3.33	1.47
Compl_Nord	2	Ocomp	8.96	362.46	363.15	363.54	364.44	0.027338	5.15	1.89	3.09	1.98
Compl_Nord	0	Ocomp	8.96	362.20	362.90	363.32	364.37	0.030485	5.50	1.78	2.90	2.10

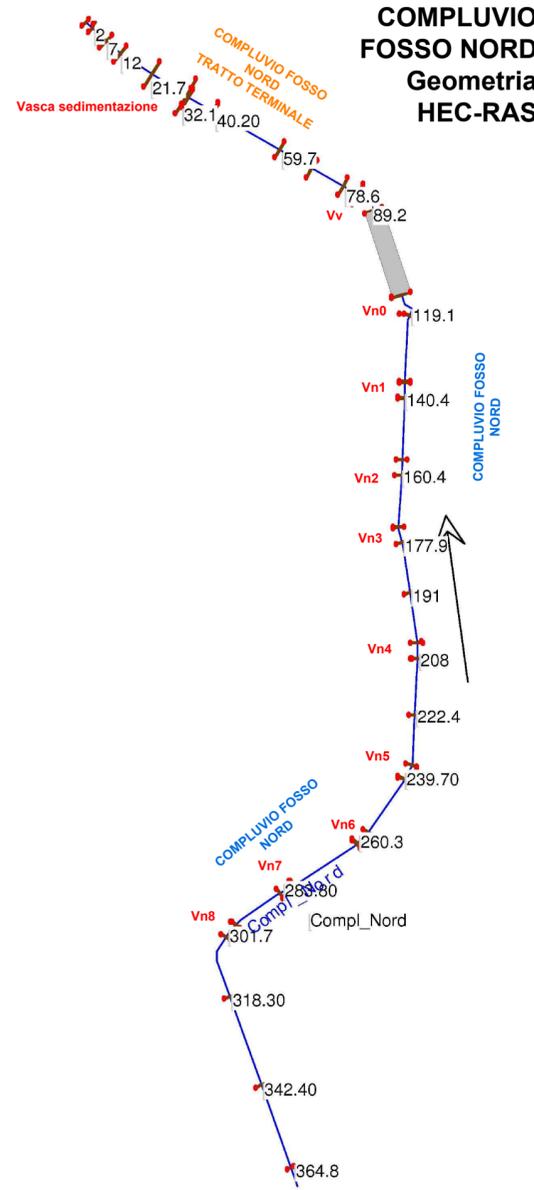
**NOTA:**  
Le sezioni indicate nei profili con "sez.XX" corrispondono a quelle di progetto relative ai singoli tratti di canale di drenaggio considerati.



COMPLUVIO\_NORD Plan: Plan 16 3/6/2015

**Legend**

- EG Qcomp
- Crit Qcomp
- WS Qcomp
- Ground



COMMITTENTE:

ALTA SORVEGLIANZA:

GENERAL CONTRACTOR:

CONSORZIO COLLEGAMENTI INTEGRATI VELOCI

INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA LEGGE OBIETTIVO N.443/01

TRATTA A.V./A.C. TERZO VALICO DEI GIOVI PROGETTO DEFINITIVO

*RIQUALIFICAZIONE AMBIENTALE VAL LEMME*  
*Smaltimenti acque superficiali*

Colatore nord - Geometria, profili e tabelle output modello HEC-RAS

GENERAL CONTRACTOR	ITALFERR S.p.A.		SCALA:
Consorzio <b>Cociv</b> Project Manager Ing. E. Pognani			VARIE
Data: 15/10/2015			
COMMESSA	LOTTO	FASE	ENTE
A 301	00	D	CV
TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
AZ	DP0400	011	E

Rev.	Descrizione emissione	Redatto	Data	Verificato	Data	Progettista Integratore	Data	IL PROGETTISTA
E00	Prima emissione	FOLTRAN	15/10/2015	PANIZZA	15/10/2015	A. Manocrella	15/10/2015	