



CONSORZIO DI BONIFICA IN DESTRA DEL FIUME SELE

C.so Vittorio Emanuele, 143 - 84122 - Salerno

INTERVENTI PER LA RISOLUZIONE DELLE INTERFERENZE DELLA NUOVA LINEA AV/AC SALERNO – REGGIO CALABRIA CON LE OPERE PUBBLICHE DI BONIFICA

*(Attraversamenti inferiori con acquedotti in pressione: tratto compreso
tra le progressive 5950 e 7050 nel comune di Eboli (SA))*

CUP: J71J20000110008

PROGETTO ESECUTIVO

- 1 - Condotta di mandata Castrullo A - km 6+312.34 - Comune di Eboli (SA)
- 2 - Condotta di mandata Castrullo B - km 6+316.56 - Comune di Eboli (SA)
- 3 - Condotta adduttrice irrigua - Distretto A - km 6+987.58 - Comune di Eboli (SA)
- 4 - Condotta San Paolo (di alimentazione della centralina idroelettrica "Castrullo") - km 6+989.80 - Comune di Eboli (SA)

A - ELABORATI DESCRITTIVI

COD. COMMESSA	24-03	Relazione sui rilievi topografici	
COD. ELABORATO	A 10		
ID. FILE	A 10 - Relazione_Rilievi		
SCALA	-	REVISIONE	A

REVISIONE	DATA	DESCRIZIONE REVISIONE	REDATTO	VERIFICATO	APPROVATO
A	DIC.-2024	1 ^a EMISSIONE	CONTALDI	CAIANIELLO	NAPOLI
B	--:--:--	-	-	-	-
C	--:--:--	-	-	-	-

PROGETTAZIONE

CNC Ingegneri S.r.l.

DATA Dicembre 2024



RELAZIONE TECNICA ILLUSTRATIVA

Oggetto: Rilievo plano-altimetrico dell'esatto posizionamento delle condotte consortili afferenti alla realizzazione della nuova linea alta velocità AV/AC Salerno-Reggio Calabria nell'agro del Comune di Eboli - Area Bacino Castrullo.

Premessa:

Il Sottoscritto ing. Contaldi Diego, nato a Salerno il 04.03.1976, con studio in Salerno alla via Francesco Paolo Volpe civ. 2 - C.F.: CNT DGI 76C04 H703W, regolarmente iscritto all'Ordine degli Ingegneri della Provincia di Salerno col n° 700/b, ha avuto incarico dalla società CNC Ingegneri S.r.l., in persona dell'Ing. Vincenzo Napoli, al fine di effettuare un rilievo plano-altimetrico dell'area denominata Bacino Castrullo fornendo l'esatto posizionamento delle interferenze della nuova linea alta velocità AV/AC Salerno-Reggio Calabria con le opere consortili di bonifica nell'agro del Comune di Eboli.

Descrizione dei luoghi:

L'area oggetto di rilievo plano-altimetrico è sita nel Comune di Eboli, più precisamente compresa nella zona adiacente l'autostrada A2 del Mediterraneo tra via dei Tini e via del Caratello. Questa è prevalentemente agricola, contraddistinta dalla presenza di uliveti, con un andamento del terreno pianeggiante con minime variazioni altimetriche.

Descrizione delle operazioni:

Al fine di espletare l'incarico ricevuto, lo scrivente, in data 27.08 c.a., recatosi sul posto, prendeva visione dei luoghi e redigeva rilievo topografico dell'area interessata, realizzato mediante l'utilizzo di strumentazione GPS Leica Viva GNSS GS / Ricevitore GS14 in modalità RTK, con

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aggiornamento posizione e Registrazione dati in “Real Time”, combinata con Leica Controller Leica-Viva CS10.

La strumentazione GPS utilizzata è dotata di collegamento differenziale di area via GPRS alla Rete Geodetica Nazionale di Stazioni Permanenti Leica ItalPos, ovvero a collegamenti differenziali Point-to-Point via GSM o Radio Modem locali. La rete Leica ItalPos è una tra le prime Reti di Stazioni Permanenti GNSS a copertura nazionale per l'erogazione di servizi di Posizionamento Globale di Precisione. Tutti i dati acquisiti sono stati restituiti nel sistema di riferimento: UTM – WGS84. In particolare, per il presente rilievo è stato predisposto un rilievo mediante appoggio alla rete topografica ITALPOS, rete di stazioni permanenti GNSS a copertura nazionale capace di fornire dati GNSS, sotto forma di correzioni in tempo reale (RTK in formato RTCM 2 e 3).

Il rilievo topografico, plano-altimetrico di dettaglio, si è articolato nelle seguenti fasi:

1. Prelievo dalla banca dati dell'Agenzia del Territorio delle coordinate dei punti di inquadramento e punti di aggancio;
2. Osservazione di punti particolareggiati presenti in mappa;
3. Osservazione di vecchi manufatti d'impianto riportati sulla cartografia catastale originaria;
4. Rilievo plano-altimetrico della zona oggetto di interesse, delle interferenze, dei confini dove rinvenibili e delle strade limitrofe.

Terminate le operazioni di campagna, lo scrivente ha proceduto con la restituzione grafica del rilievo effettuato, elaborando i dati raccolti.

5. Calcolo analitico dello schema di rilievo adottato e generazione del file di Rilievo in formato editabile con estensione DWG;
6. Verifica delle differenze e Sovrapposizione dei due “Sistemi”.

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Dall'analisi della documentazione reperita ed a seguito delle operazioni di rilievo, lo scrivente ha provveduto alla stesura della tavola grafica.

Avendo espletato il mandato conferitogli, lo scrivente rassegna la presente relazione corredata dai seguenti allegati:

- *Planimetria di rilievo sovrapposta al CTR;*
- *Planimetria di rilievo sovrapposta al Wegis;*
- *Planimetria di rilievo sovrapposta all'ortofoto;*
- *Listato dei punti rilevati;*
- *Documentazione fotografica su supporto digitale.*

Salerno, lì 16 dicembre '24

Il Tecnico

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LISTA PUNTI BATTUTI

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